

DOCUMENT INFO

Name: 168 Roc 09-09-08 Email - Arch Report To Ttn.tif
Size: 37KB (37,105 bytes)
Modified: Tuesday, Oct 05, 2010 01:37:10 PM

DOCUMENT INFO

From: Burgess, Caroline M
Sent: Wednesday, September 09, 2009 8:02 AM
To: Warren, Meryl
Subject: FW: Archeaology
Attachments: Detour Lake FINAL DRAFT Stage 1 Archaeological August 28-09-ver15a rp-jp.pdf; AMEC - 1982 Detour Lake Access Road Archaeological Ass.pdf

For SIIMS

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

From: Derek Teevan [mailto:DTeevan@detourgold.com]
Sent: Tuesday, September 08, 2009 5:05 PM
To: shartwig@mcleod-wood.com; peter archibald; Nancy Wood; jennifer simard
Cc: Burgess, Caroline M
Subject: Archeaology

Good afternoon all:

Attached please find a stage one archeological report that was filed with the Ministry of Culture. Peter, I'd planned to bring a printed copy for you tomorrow.

The TEK study will inform any site investigations to ensure that in advancing the Detour Lake Mine that we don't disturb archeological sites. The 1982 Study was conducted for the Ministry of Transportation portion of the highway only because that was what the requirements were at that time. Again the TEK study will help identify any potential sensitive sites should we be required to upgrade the road in anyway. Upgrading the road is not seen as a requirement at this stage of the project.

Best regards

Derek Teevan
V.P. Aboriginal and Government Affairs
Detour Gold
Royal Bank Plaza, North Tower
200 Bay St, Suite 2040 Box #23
Toronto, ON, M5J2J1

office: 416.304.0800
fax: 416.304.0184
cell: 416.278.2851

dteevan@detourgold.com

DOCUMENT INFO

Name: Attach 1 Amec - 1982 Detour Lake Access Road
Archaeological Ass.tif

Size: 1,180KB (1,207,487 bytes)

Modified: Tuesday, Oct 05, 2010 01:37:25 PM

DOCUMENT INFO

HERITAGE RESOURCES ASSESSMENT

DETOUR LAKE ACCESS ROAD

From 84.3 km North of Secondary
Hwy. 652, Northerly for 36.8 km

An Appendix to Previous Reports

HERITAGE RESOURCES ASSESSMENT

DETOUR LAKE ACCESS ROAD

From 84.3 km North of Secondary
Hwy. 652, Northerly for 36.8 km

prepared for

Ontario Ministry of Transportation and Communications
Engineering & Right-Of-Way Office
Planning & Design Section

Contract Agreement 4212-5081-171
(W.P. 7-81-03, W.P. 7-81-04)

Ontario Ministry of Citizenship and Culture
License No. 82-73

To Serve as an Appendix to Contract Reports
4212-5081-40 and 4212-5081-41
prepared during January 1982

by

Settlement Surveys Ltd.
An Historical Resources Consulting Firm
P.O. Box 58
1st Street
Englehart, Ontario
Telephone (705) 544-8244

November 1982

FINAL REPORT
CONTRACT 4212-5081-171

TO SERVE AS AN APPENDIX
TO CONTRACT REPORTS 4212-5081-40
and 4212-5081-41 (W.P. 7-81-03
and W.P. 7-81-04)

TABLE OF CONTENTS

	Page
Executive Summary	i
Project Credits	ii
List of Figures	iii
List of Maps	v
 SECTION I SYNOPSIS OF PREVIOUS WORK AND OUTLINE OF 1982 FIELD SEASON PROJECT	
1.1 Introduction	1
1.2 Synopsis of Previous Heritage Resources Assessment Work	1
1.3 Work Conducted During 1982 Field Season	3
 SECTION II HERITAGE RESOURCES RESEARCH REPORT FOR THE 1982 FIELD SEASON	
2.1 Introduction	4
2.2 Methodology and Fieldwork	4
2.3 Study Results, Detour Lake Right-of-Way	5
2.4 Study Results, Gravel Pits and Aggregate Sources	8
2.5 Study Results, Kattawagami Lake and River	8
2.6 Artifact Analysis	12
 SECTION III PROJECT CONCLUSION AND SUMMARY	
3.1 Conclusion and Summary	14

EXECUTIVE SUMMARY

The 1982 field season investigations of the right-of-way and granular source locations for the Detour Lake Access Road resulted in the recording of three prehistoric archaeological sites: DeHa-1 on Kattawagami Lake, DiHb-1 on the North Floodwood River and DkHb-1 on an unnamed lake, one of the headwaters of the North Burntwood River system. As well, two historic log structure features and a fossil collecting locale (all on Kattawagami Lake) are documented and recorded in this report.

This appendix report to the two 1981 reports contains the complete results of the 1982 field investigations and completes the heritage resources impact assessment of the Detour Lake Access Road.

PROJECT CREDITS

Project Staff

Project Co-ordinator	:	John Pollock, B.A., M.A., Ph.D. candidate, Director, Settlement Surveys Ltd.
Archaeological Field Research	:	Mr. Mike McLeod and John Pollock
Typing	:	Carolyn Reid
Drafting	:	Reza Lessany

LIST OF FIGURES

<u>No.</u>	<u>Page</u>
1. Detour Lake Access Road showing construction sections and major rivers	2
2. Detour Lake Right-of-Way showing winter clearing of trees	16
3. Helicopter touchdowns were used to check likely areas	16
4. Shovel hole subsurface testing was undertaken as well as surface examinations	17
5. View from archaeological site (DkHb-1) towards the right-of-way (looking west)	17
6. Aerial view of right-of-way, archaeological site (DkHb-1) located on small bay on lake at right side of photo (looking north)	18
7. Sketch map of prehistoric site (DkHb-1)	6
8. Floorplan of 1 x 2 metre units excavated at (DkHb-1) above	7
9. Initiation of excavations at site (DkHb-1)	18
10. Prehistoric cultural materials were found at a shallow depth of 5 to 10 cm below surface	19
11. Prehistoric site (DiHb-1), an isolated findspot is located in the center of the photograph along the shore of the Floodwood River (looking north)	19
12. Sketch map of prehistoric site (DiHb-1)	9
13. Contractor's pit "C"	20
14. Contractors pit "B"	20
15. Completed bridge at the Kattawagami River, looking east towards Detour Lake Mine Site	21
16. View of Kattawagami River Bridge from upstream on river	21
17. Sketch map of prehistoric site (DlHa-1) Kattawagami Lake	11
18. Remains of log structure, east end of Kattawagami Lake	22
19. Log cabin (circa 1960s) south shore, Kattawagami Lake	22
20. Outfitter's cabin (presently in use), Kattawagami Lake	23
21. Artifacts from DiHb-1 and DkHb-1	24

List of Figures Continued.

<u>No.</u>	<u>Page</u>
22. Artifact from DIHa-1	25
23. Artifacts from DIHa-1 and fossils from Kattawagami Lake shoreline	26

LIST OF MAPS

No.

1. Map of the Detour Lake Access Road (in rear pocket
of report)

S E C T I O N I

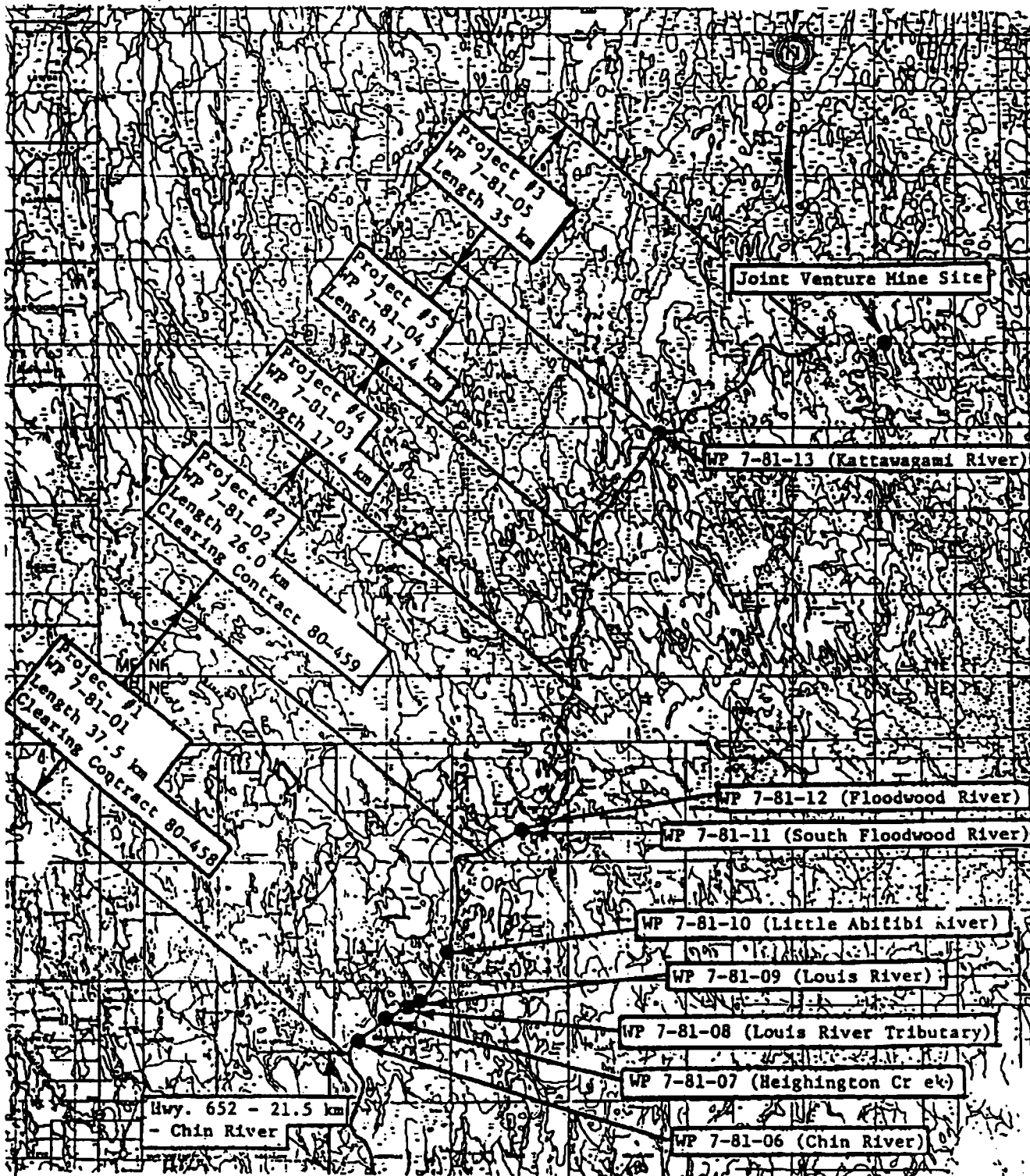
SYNOPSIS OF PREVIOUS WORK AND OUTLINE
OF 1982 FIELD SEASON PROJECT

1.1 INTRODUCTION

This report is designed to serve as a general appendix to reports prepared for Contracts 4212-5081-40 and 4212-5081-41 undertaken under Ontario Ministry of Culture and Recreation License No. 81-70 during the summer of 1981. Complete background information on the project including previous archaeological work, history, ethnology, built environment, geology, etc., is presented in these previous two reports and therefore is not repeated in this report for Contract 4212-5081-171. The fieldwork for this report was undertaken during the summer of 1982 under the Ministry of Citizenship and Culture License No. 82-73 a general consulting license for Northern Ontario assigned to John Pollock, report author and field director for the project.

1.2 SYNOPSIS OF PREVIOUS HERITAGE RESOURCES ASSESSMENT WORK (see Figure 1 for locations)

- (a) Project #1, W.P. 7-81-01, 37.5 km
Heritage Resources Work Undertaken by Environmental Applications Ltd.,
1980 and Settlement Surveys Ltd. 1981.
- (b) Project #2, W.P. 7-81-02, 26.0 km
Heritage Resources Assessment Undertaken by Settlement Surveys Ltd.,
1981.
- (c) Project #3, W.P. 7-81-05, 35 km
Heritage Resources Impact Assessment Work Undertaken by Settlement
Surveys Ltd., 1981. 1982 work (described in this report).
- (d) Project #4, W.P. 7-81-03, 17.4 km
Heritage Resources Impact Assessment Conducted by Settlement Surveys
Ltd., 1982.
- (e) Project #5, W.P. 7-81-04, 17.4 km
Heritage Resources Impact Assessment by Settlement Surveys Ltd.,
1982.



SETTLEMENT SURVEYS LTD.

HISTORICAL RESOURCES CONSULTING

DETOUR LAKE ACCESS ROAD - SHOWING CONSTRUCTION SECTIONS & MAJOR RIVERS

JOB: 82-5

FIGURE: 1

DATE: November 1982

SCALE: 9.66 km

Summary of Work Undertaken During 1981 on Projects W.P. 7-81-01
and W.P. 7-81-02

An archaeological survey of contracts one and two, W.P. 7-81-01 (37.5 km) and W.P. 7-81-02 (26.0 km) was conducted during August 1981. Areas such as proposed aggregate sites were also inspected as were construction camp areas. Sites off the right-of-way such as Albert Biederman's cabin and the associated graveyard on Lac La Fance were documented.

The results of the work proved largely negative. No historic sites (built environment) are present on or near the right-of-way and sites such as the Biederman cemetery are not threatened. In regards to paleontological sites, a secondary source of invertebrate fossils was found eroding from glacial drift deposits at the North Floodwood River locality.

Summary of Work Undertaken During 1981 on Project W.P. 7-81-05

An archaeological survey of the proposed 35 km long access road from the Kattawagami River to the Joint Venture Mine site was inspected for archaeological sites. As well, all possible aggregate sources that had been identified as of our survey date (August 1981) were assessed for sites.

This work resulted in the recording of an estimated 5000 ± year old pre-historic archaeological site together with evidence of historic fur trapping activities on the Hopper Lake esker, a potential source of sand for road construction. Extensive field testing revealed that the majority of cultural materials may be on the beach and/or under the waters of Hopper Lake, suggesting that a combination of higher water levels and erosion has largely destroyed the site.

1.3 WORK CONDUCTED DURING 1982 FIELD SEASON

During the 1982 field season the remaining contracts (#4, W.P. 7-81-03 and #5, W.P. 7-81-04) were field inspected together with potential aggregate sources and as well an expanded area off the right-of-way in the vicinity of Kattawagami Lake. The results of this work undertaken under license 82-73 is described in this appendix or summary report.

SECTION II

HERITAGE RESOURCES RESEARCH REPORT
FOR THE 1982 FIELD SEASON

2.1 INTRODUCTION

The 1982 field project was conducted during the time period from July 12th to July 22nd, 1982. The project was designed to complete the heritage resources impact assessment on projects 4 & 5, a total of 34.8 km of right-of-way not examined during the previous year's work. Also included in the 1982 inspection were numerous gravel pits or aggregate sources and an expanded survey in the vicinity of Kattawagami Lake.

2.2 METHODOLOGY AND FIELDWORK

As in 1981, our methodology was designed to locate all historical (built environment) archaeological and paleontological sites within areas to be disturbed by the proposed highway project such as gravel pits and construction camp sites as well as the main right-of-way which had been cleared of trees during the winter of 1981-1982.

Project proponents in most cases are only responsible for the historical resources that their project may directly impact. Normally, in the case of a linear project such as a highway or pipeline this means that the heritage resources survey is restricted to the right-of-way and immediately adjacent areas. Other project impacts such as gravel pits and construction camp sites are also normally checked.

Specifically, our contract for the 1982 archaeological survey included the following:

- (1) Areas likely to be affected or disturbed by the undertaking within new right-of-way as marked on M.T.C. B plan. Should sites be located within the right-of-way, they were to be accurately mapped even if they extended beyond the right-of-way.
- (2) Stream banks were to be surveyed for 50 metres upstream and downstream of the highway right-of-way.
- (3) A survey was to be conducted of the areas to be utilized for gravel pits along the proposed routes as outlined in the Aggregate Sources List (M.T.C.) as well as construction camp areas, etc.
- (4) Mr. Bruce Roberts also advised us that if time permitted, once the work for items 1-3 was completed some additional work could take place in the vicinity of Kattawagami Lake. The purpose of this work would be to

obtain data on settlement pattern and prehistoric material culture to aid in the analysis and evaluation and interpretation of materials found on the Detour Lake Road.

The fieldwork, as always when working in remote areas, was designed to fit the access available. In this, we were fortunate as the southern end of the project was accessible via truck. For the rest of the area both helicopter and fixed wing aircraft were used.

Gravel pits were inspected by foot traverses with subsurface testing as were portions of the main right-of-way. Areas of the main right-of-way not traversed by foot were checked via helicopter touchdowns on all likely areas (i.e., stream crossings, topographic highs, etc.) and a surface and subsurface examination made. For the Kattawagami River and Lake, a boat and motor were used to examine all areas of high potential.

2.3 STUDY RESULTS, DETOUR LAKE RIGHT-OF-WAY

The right-of-way for contracts 4 and 5 were traversed by foot and by helicopter. Portions of the right-of-way in likely areas were traversed on foot. Because the right-of-way had been cleared during the winter under frozen ground conditions, surface disturbance was minimal in most areas (Figure 2). Other areas such as topographic highs were inspected via helicopter touchdowns (Figure 3). Both surface inspections and subsurface testing (Figure 4) were undertaken at all areas of potential for site occurrence. Examination of the right-of-way and adjacent stream and lake shores resulted in the recording of two new prehistoric sites as outlined below:

- (a) Upper Burntbush Lake Tributary (Unnamed Lake) Site. This site (DkH6-1) was located near the right-of-way (Figure 5) on the shore of an unnamed lake, part of the headwaters of the North Burntbush River System (Figure 5). Extensive testing of the site produced a total of nine flakes (see Figure 21) of very heavily patinated chert and one tiny flake (Figure 21) of white quartzite of high quality (similar to Sheguiandah quartzite). Ten shovel test pits .25 metres and two 1x1 metre squares were excavated as shown on Figures 6 and 7. From the extensive testing the site boundaries were established as being at the maximum about 20 metres by 20 metres in size. The cultural materials were located at a depth of

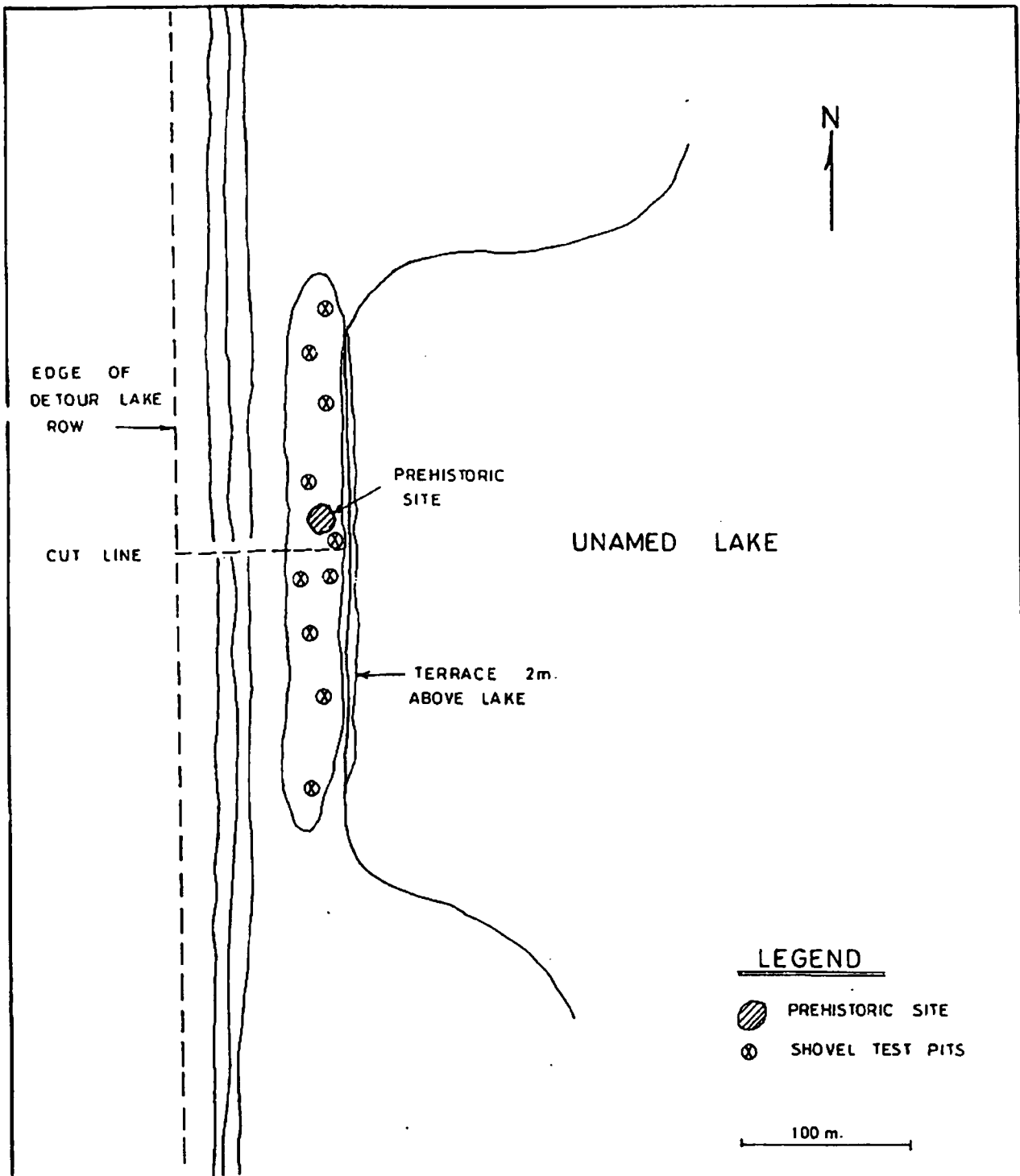


Figure 7: Sketch Map of Prehistoric Site (DkHb-1).

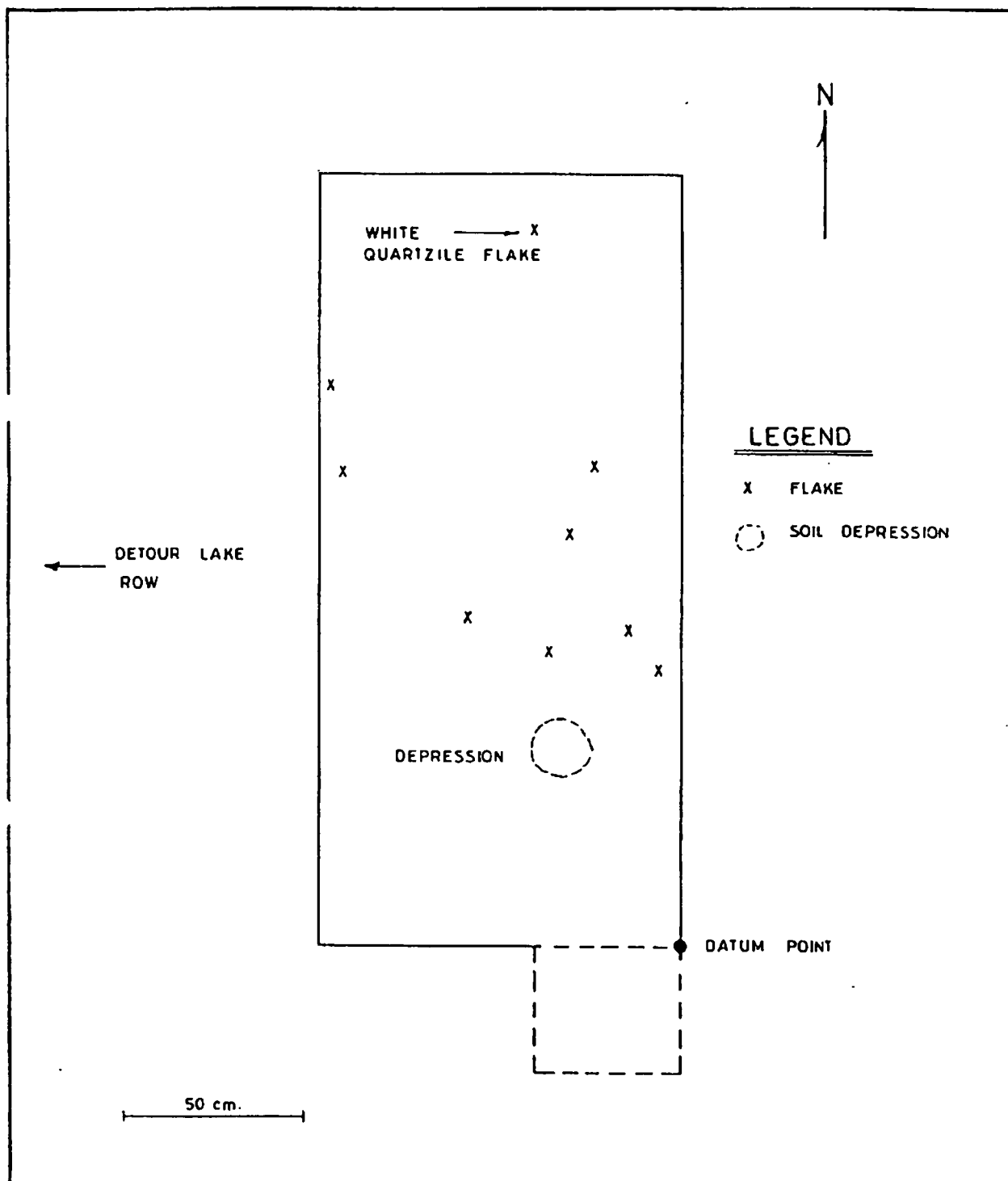


Figure 8: Floor Plan of Excavations at (DkHb-1).

circa 5 cm to 10 cm deep (Figures 9 & 10) as outlined in Figure 7. As the site is located off the right-of-way and due to the small amount of material recorded Settlement Surveys did not recommend any further work at the site. A description of the site and a map were sent to M.T.C. on July 26th with the recommendation that disturbance to the site be avoided during construction on the nearby right-of-way.

- (b) A second prehistoric site (DiHb-1) was located at the Floodwood River in Tweed Township. This site was several hundred metres from the right-of-way and was located during attempts to photograph a cemetery reported in the area by Albert Biederman. The site consists of an isolated find-spot (Figure 11) on the shore of an expansion of the river just east of the new highway. A prehistoric hide scraper of green abitibi chert (see Figure 21) was recovered at this spot. Extensive testing with shovels as well as a detailed surface examination of the shoreline failed to reveal any further cultural materials with the exception of one flake of brown chert (see Figure 21). The location of the site is shown on the map in the rear pocket of this report. Also see sketch map (Figure 12).

2.4 STUDY RESULTS, GRAVEL PITS AND AGGREGATE SOURCES

The 1982 aggregate sources checked were those outlined to Settlement Surveys Ltd. on strip maps sent to Settlement Surveys by the Ministry of Transportation and Communications on February 4th and June 30th, 1982. These areas are shown on the map in the rear pocket of the report and included some new areas located by the contractors such as Pits "C" and "B" (Figures 13, 14) along portions of the right-of-way examined in 1981. These were checked with negative results.

2.5 STUDY RESULTS, KATTAWAGAMI LAKE AND RIVER

As some time remained in our contract after the right-of-way and granular sources inspection, we undertook a brief shoreline examination via motorboat of the banks of the Kattawagami River in the vicinity of the highway crossing (Figures 15 and 16) as well as the shores of Kattawagami Lake itself. The purpose of this work was to obtain valuable baseline data in order to evaluate,

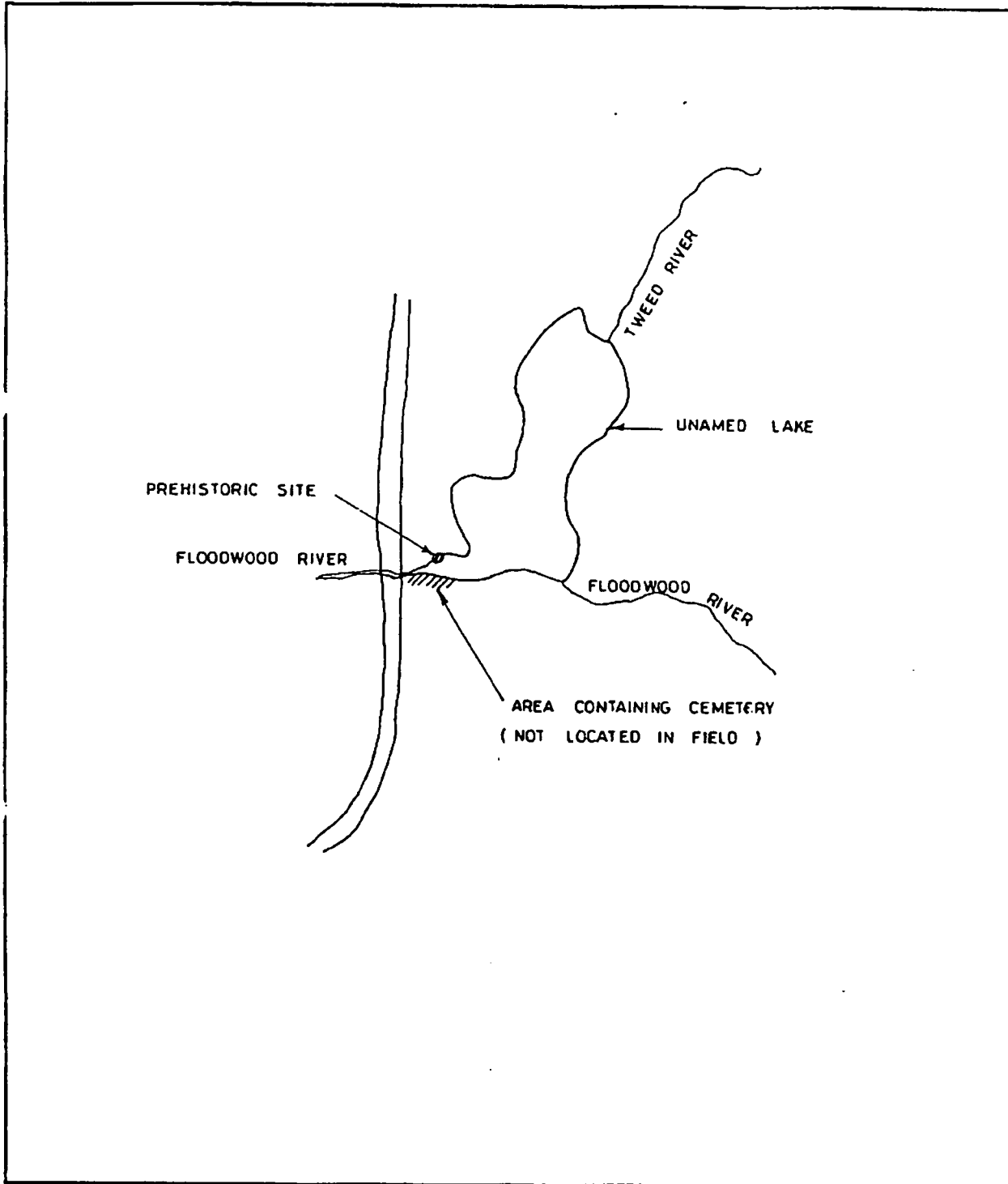


Figure 12: Sketch Map of Prehistoric Site (DiHb-1) at the Floodwood River.

interpret and analyze the other sites located. Of interest is the fact that this work resulted in the recording of only one additional prehistoric site (DIHa-1) (Figure 17) although a large number of high potential areas were examined along both the river and lake shores. Both areas close to the water and areas of higher ground away from the water were checked. The lack of sites could perhaps be attributed to a number of hypothetical factors including: (a) a general lack of prehistoric occupation; (b) higher water levels due to isostatic rebound raising the lake's outlet have flooded the site; (c) shoreline erosion and deposition (the land in this area is very flat, the highest terrace above the lake only being about 2 metres allowing for easy lateral movement of the shoreline); and (d) a judgmental error in the sampling locations picked by the archaeological survey crew. Only two other lakes in this portion of the Southern James Bay Lowlands have been examined (i.e., Pierre Lake, Little Abitibi) and the results from these also indicated small numbers of sites with very few cultural remains. In addition to the prehistoric site, remains of a log structure were found at the very extreme east end of the lake (Figure 17) and an abandoned trappers cabin on the west side (Figure 18). There are many other cottages and outfitters cabins in active use on the lake including the one used by the field party (Figure 19).

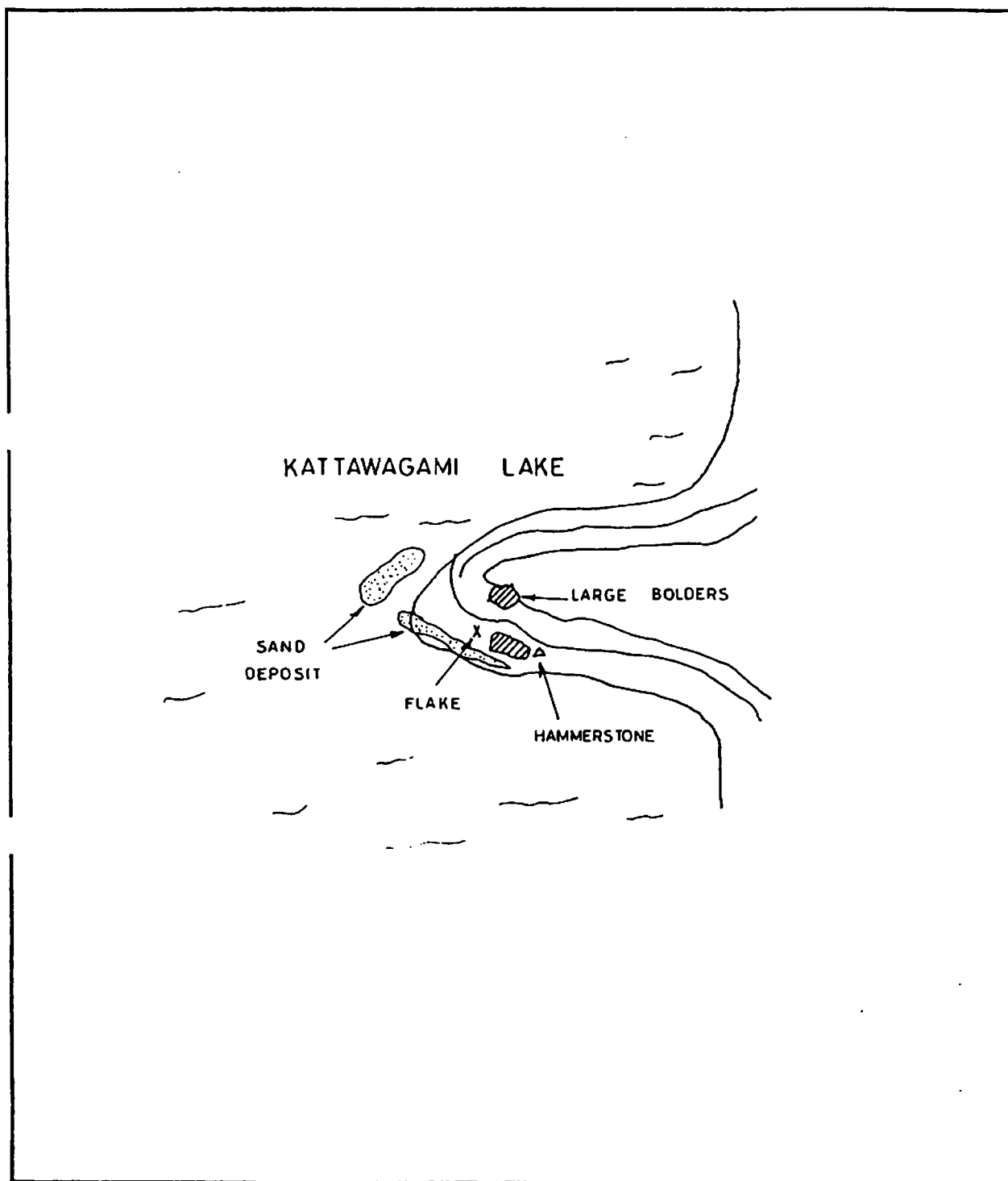


Figure 17: Sketch Map of Prehistoric Site (D1Ha-1).

2.6 ARTIFACT ANALYSIS

2.6.1 Site (DiHb-1) Floodwood River

- (a) End Scraper (Figure 21 : top left). This unifacial tool is manufactured from green Abitibi chert. It has six flakes removed from its dorsal face and the distal end (or working face) is 3.1 cm long and .8 cm high. Overall metric measurements are length 4.4 cm, width 3.2 cm and thickness 1.0 cm. This multi-purpose tool could have been used for hide preparation and other cutting/scraping functions.
- (b) Flake (Figure 21 : top right). A flake of brown chert was recovered about 100 metres from item (a) above. Overall measurements are length 5.0 cm, width 2.6 cm and thickness 1.2 cm.

2.6.2 Site (DKHb-1) North Burntbush Headwaters Lake (Unnamed Lake)

- (a) Ten Flakes (9 chert and 1 quartzite) (Figure 21 : bottom 2 rows). These small flakes (the largest is 3 cm long, the smallest .9 cm) were the only cultural materials recovered at the above site. The small thin flakes are secondary thinning flakes from tool resharpening, etc., and are not from primary tool manufacturing. One flake of a white translucent quartzite (middle row, extreme left) bears some resemblance to Sheguiandah quartzite. The other flakes are of chert, possibly green abitibi chert, although a positive identification is difficult as all have been heavily patinated to a white colour.

2.6.3 Site (DIHa-1) Kattawagami Lake

- (a) Hammerstone. This artifact (Figure 22) consists of a cobble of green volcanic rock which has been modified at the distal end by use wear and pecking to form a tool working face some 7.3 x 3.4 cm in size. Some minor battering is also evident on the right lateral margin. The artifact may have been used for food preparation and/or reducing of other lithic materials for the purpose of stone tool manufacture. Overall metric measurements are length 13.35 cm, width (maximum) 8.7 cm, and thickness 6.2 cm.

- (b) Flakes. One green greywacke or abitibi chert flake (length 3.1 cm) was recovered from D1Ha-1. This item is illustrated in Figure 23 (top row, center item). A second flake, diameter 1.5 cm, of grey chert (Figure 23 : top row, far right) was also recovered from the site.

2.6.4 Paleontological Materials (Invertebrate Fossils)

As described in the previous two 1981 reports, there are numerous fossils in the Detour Lake road area where surface exposures of gravel exist. Some of these are illustrated (Figure 23 : bottom two rows). All of these specimens were recovered from the shoreline of Kattawagami Lake.

2.6.5 Musket Ball

A possible lead musket ball (diameter 1.2 cm) was also recovered from Kattawagami Lake (Figure 23 : top row, far left). No other cultural materials were found in association.

S E C T I O N I I I

P R O J E C T C O N C L U S I O N A N D S U M M A R Y

3.1 CONCLUSION AND SUMMARY

Two seasons of fieldwork (14 days, 1981; 8 days, 1982) on the Detour Lake Access Road have produced a total of four prehistoric sites as follows: the Hopper Lake Site D1Gx-1; the Floodwood River Site D1Hb-1; the unnamed lake at the headwaters of the North Burntbush River DkHb-1; and a site on Kattawagami Lake D1Ha-1. All of the above sites represent the first sites ever recorded in their Borden Blocks and indeed the first ever recorded in the entire region north of Little Abitibi Lake. Although the results are sparse they do prove that the area was inhabited by prehistoric peoples from the earliest times possible after deglaciation of the region circa 7000 B.C. and subsequent retreat of the Cochrane I and II ice readvance about 4000 B.C. The spear point fragment from Hopper Lake most certainly dates to these early time periods.

The site on the unnamed lake which is part of the headwaters of the North Burntbush River system is located on what was a former portage from there across the Detour Lake right-of-way and via three small ponds to Upper Kesagami Lake and the Kesagami River. This indicates that prehistoric peoples used this route to gain access from the Abitibi to Kesagami watersheds and thence possibly to James Bay. Other prehistoric archaeological sites on Kattawagami Lake (D1Ha-1) and the Floodwood River (D1Hb-1) indicate that people have lived in this area for several thousand years, although present evidence suggests a small nomadic population with a very low percentage of stone items in their material culture repertoire. It should be stressed that the evidence recovered to date is very sparse and preliminary. Much more work would be required to attempt any sort of a definitive prehistory of the region.

Other sites located during the assessment work included a cemetery recorded on Lac La France and some historic structures on Kattawagami Lake. As well, paleontological specimens (invertebrate fossils) were recorded at a number of locations, the most notable being the North Floodwood River and Kattawagami Lake.

In summary, this appendix report to the 1981 reports outlining the results of the 1982 field season completes the heritage resources impact assessment of the Detour Lake Access Road. Although no heritage sites requiring mitigation were located a number of historical, archaeological and paleontological sites were located and documented on or nearby the right-of-

way and aggregate source locations. Data from these sites contained in the three reports although sparse, is the first ever for this region of Ontario and therefore will make a positive contribution to Ontario's heritage.

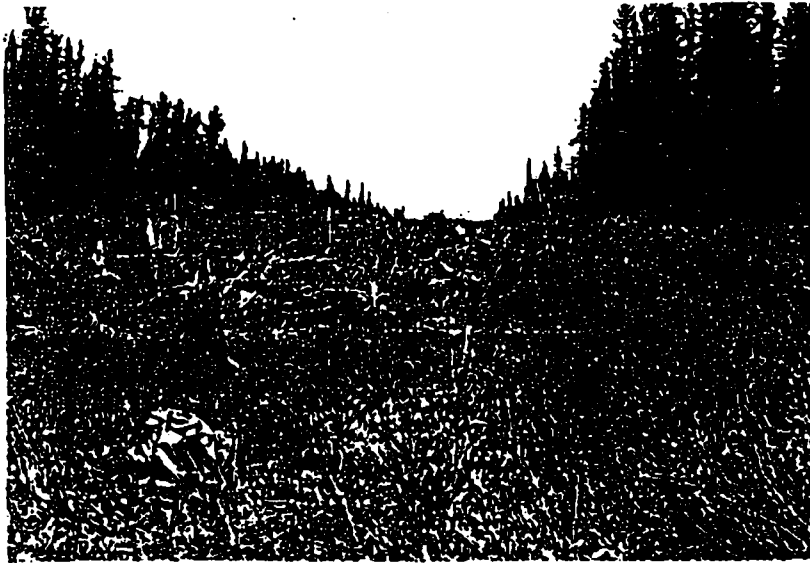


Figure 2: Detour Lake right-of-way showing winter clearing of trees.



Figure 3: Helicopter touchdowns were used to check likely areas.



Figure 4: Shovel hole subsurface testing was undertaken as well as surface examinations.



Figure 5: View from archaeological site DkHb-1 towards road right-of-way (looking west).



Figure 6: Aerial view of right-of-way. Archaeological site (DkHb-1) is located on small bay on lake at right (looking north).



Figure 9: Initiation of excavations at site (DkHb-1).



Figure 10: Prehistoric cultural materials were found at a shallow depth of 5 to 10 cm below surface.



Figure 11: Prehistoric site (DiHb-1) located in center of photograph along shoreline of Floodwood River (looking north).



Figure 13: View of contractor's granular source pit "C" looking west.



Figure 14: View of contractor's granular source pit "B" looking east.

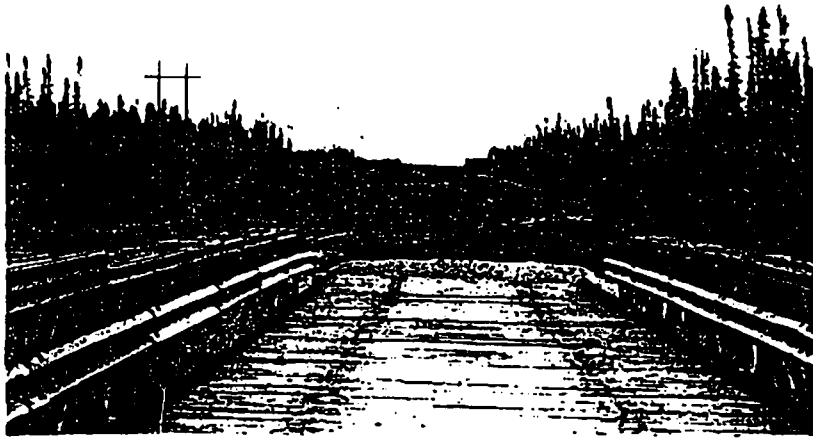


Figure 15: Completed bridge at the Kattawagami River, looking east towards the Detour Lake Mine Site.



Figure 16: View of Kattawagami River Bridge from upstream on river.



Figure 18: Remains of a small log structure, extreme east end of Kattawagami Lake.



Figure 19: Log cabin (circa 1960s) south shore, Kattawagami Lake.

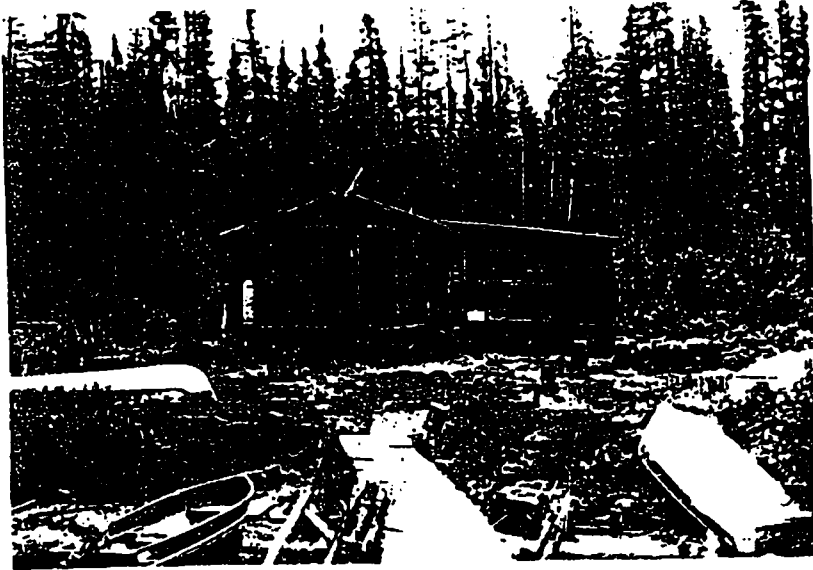


Figure 20: Outfitter's cabin (presently in use),
Kattawagami Lake.



Figure 21: Artifacts from DiHb-1 (Floodwood River) (top row) and DkHb-1 unnamed headwaters lake, North Burntbush River System (bottom two rows).

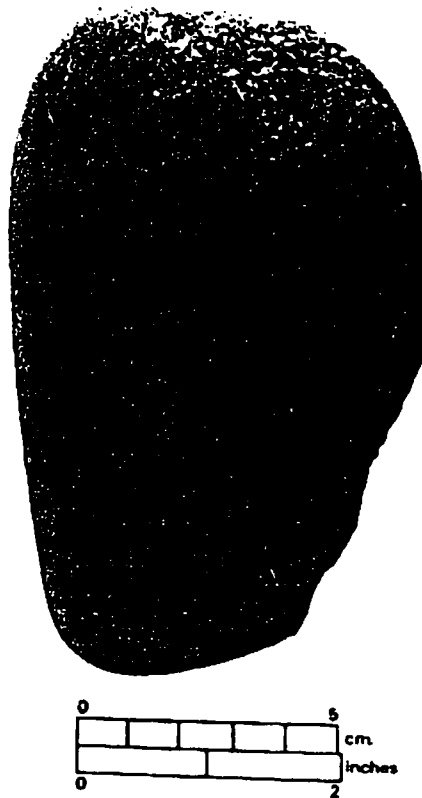


Figure 22: A hammerstone from prehistoric archaeological site D1Ha-1 on Kattawagami Lake.



Figure 23: Artifacts from (DIHa-1) Kattawagami Lake, and invertebrate fossils from the Kattawagami Lake shoreline.

DOCUMENT INFO

Name: Attach 2 Detour Lake Final Draft Stage 1 Archaeological
August 28-09-ver15a Rp-jp.tif

Size: 1,526KB (1,562,431 bytes)

Modified: Tuesday, Oct 05, 2010 01:37:35 PM

DOCUMENT INFO

DRAFT
**WOODLAND HERITAGE SERVICES LIMITED
STAGE ONE PROJECT REPORT**

**STAGE ONE ARCHAEOLOGICAL AND CULTURAL HERITAGE
RESOURCE ASSESSMENT OF DETOUR GOLD CORPORATION'S
DETOUR LAKE PROJECT SITE AND PROPERTY AREA, COCHRANE
DISTRICT, ONTARIO**

Prepared for

**AMEC Earth & Environmental
A Division of AMEC Americas Limited
160 Traders Blvd. E., Suite 110
Mississauga, Ontario L4Z 3K7
Telephone: 905-568-2929
Fax: 905-568-1686
Attention: Shelia Daniel
Cell: 416-524-5928**

Submitted by

**WOODLAND HERITAGE SERVICES LIMITED
17 Wellington Street, Box 2529
New Liskeard, Ontario
P0J 1P0**

**Attention: Dr. John W. Pollock, Ph.D.
Telephone: 705-647-8833
Fax: 705-647-7026
E-mail: jpollock@woodlandheritage.com
Province of Ontario Archaeological Licence #P016
MCL PIF # P016-228-2008
Our Project # J2008-07**

August 28, 2009

DRAFT

August 28, 2009.

AMEC Earth & Environmental
A Division of AMEC Americas Limited
160 Traders Blvd. E., Suite 110
Mississauga, On L4Z 3K7

Attention: Shelia Daniel

RE: Stage One Archaeological and Cultural Heritage Resource Assessment of Detour Gold Corporation's Detour Lake Project Site and Property Area, Cochrane District, Ontario

Please find attached three copies of an Archaeological and Heritage Impact Assessment Report for the above captioned project.

For licence and regulatory purposes, we will be sending an additional three copies on your behalf to the following offices:

Archaeological Licence Office
Programs and Services Branch
Cultural Programs Unit
Ministry of Culture, 4th Floor, 400 University Ave.
TORONTO, Ontario
M7A 2R9

We were pleased to have assisted you with this project and hope to be of continuing service with your future undertakings.

Yours truly,
WOODLAND HERITAGE SERVICES LIMITED

John Pollock, Ph.D.
JP/rp, Enclosures

TABLE OF CONTENTS

	Page
Part I. BACKGROUND DATA	
1.1 Archaeological License Regulations	1
1.2 Introduction and Record Review	2
1.3 Brief Pre-contact History and History of the Study Area	3
1.4 Overview of the Detour Lake Project	5
Part II. ARCHAEOLOGICAL POTENTIAL ASSESSMENT	
2.1 Assessment Methodology	8
2.2 Potential Assessment Model for Archaeological/Heritage Sites	10
2.3 Statements Required by the Ministry of Culture	16
2.4 Archaeological Assessment of the Project Site Area	18
2.5 Study Area Maps and Photos	20-24
Part III. RECOMMENDATIONS	
3.1 Anticipated Impact on Heritage Resources	25
3.2 Mitigation Requirements	25
3.3 Recommendations and Conclusion	25
3.4 References	27
Appendix 1. 1982 Detour Lake Road Archaeological Assessment	29

LIST OF FIGURES

1. Detour Lake Project - Location and General Geology.....	6
2. The WHS Algorithm for Determining Archaeological Potential	13
3. Project Location Map	20
4. Map of Detour Gold Property (courtesy of AMEC)	21
5. Map of the Permit Area Showing WHS Areas of Archaeological Potential	22
6. Vegetation Map for the Northern Extent of the Property (AMEC)	23
7. Vegetation Map for the Southern Extent of the Property (AMEC)	34

LIST OF TABLES

1. Description of Registered Archaeological Sites in the Detour Lake Region	2
2. MCL Checklist for Proposed Development Activities.....	14

ABSTRACT

Type and Location of Activity:	Detour Lake, Cochrane District, Ontario. Stage One Archaeological and Cultural Heritage Resource Overview (Desktop) Assessment of proposed mine development activities within the study area (Figure 2). No field work was undertaken as part of this study.
Purpose:	This Stage 1 or preliminary overview Archaeological and Heritage Assessment was undertaken to determine the potential impact on cultural heritage sites and features due to the proponent's proposed gold mine development plans.
Study Results:	<p>The Ministry of Culture (MCL) check list for determining archaeological potential identified areas of potential, as did Woodland Heritage Services' (WHS) algorithm for determining archaeological potential. The algorithm was particularly useful for identifying areas of high potential for archaeological and/or cultural heritage in the lowland topography of the Detour Mine Project study area (Figure 4).</p> <p>A recommendation was made that Stage 2 Archaeological and Cultural Heritage field Assessments be carried out for those areas identified as high potential in this Stage 1 Assessment that may impacted by disturbances caused by site development activities.</p>

PROJECT CREDITS

Report Authors:	<p>John Pollock, Ph.D. Ryan Primrose, B.A., B.Ed., M.A.</p>
-----------------	--

ACKNOWLEDGMENTS

We appreciate the assistance provided by AMEC Earth & Environmental in helping to prepare the background information and mapping related to this project.

The contents of this report are copyright © 2009 by Woodland Heritage Services Limited, AMEC Earth & Environmental, and Detour Gold Corporation and are not to be distributed, copied, or cited without permission.

PART I. BACKGROUND DATA

1.1 Archaeological Licence Regulations

Recommendations: Any recommendations made in this report are subject to approval by the Minister responsible for the Ontario Heritage Act, R.S.O. 1990. Pursuant to Section 65(1) of the Act, it is required that the licensee will include in any report the following: a statement of impacts that the proposed undertaking may reasonably be expected to have upon archaeological heritage, any recommendations made to the proponent regarding the protection, preservation or conservation of archaeological heritage values in the area of the undertaking, and a statement of the reasons for those recommendations.

Site Record Form: Every newly discovered site must be recorded on an Archaeological Site Record Form. Each site revisited or previously recorded must be documented on a Site Update Sheet.

Prior Notice: The licensee must, before initiating field work on a particular undertaking, provide the Ministry of Culture with notice concerning the identity of the proponent and/or contractor, the identity of the Project Director, the nature, purpose, location, duration and extent of the planned field work, the anticipated staffing of the project, and the details of special arrangements or conditions of the contract. Before commencing field work, the licensee must receive confirmation of receipt of this notice from MCL.

Human Remains: An archaeological licence does not authorize disinterment of human remains. Disinterment must be conducted in compliance with the Cemeteries Act, R.S.O. 1990, c. C.4 and the Ministry of Consumer and Commercial Relations.

Archaeological licenses are issued pursuant to the Ontario Heritage Act. R.S.O. 1990, c. 0.18, and are subject to the provisions of this Act. Licences are not transferable. Under archaeological license regulations, three copies of this report must be submitted to the Ministry of Culture.

1.2 Introduction and Record Review

Before initiation of fieldwork, site files and catalogued reports at the offices of Woodland Heritage Services Ltd. were checked to determine if any heritage sites had been previously recorded either in or near the study area. To date, no archaeological sites have been registered with the Ministry of Culture in the current study area, although four sites are registered in the general region (see Table 1).

Table 1. Description of Registered Archaeological Sites in the Detour Lake Region.

DIGx-1	Hopper Lake	Findspot	Spear point fragment recovered
DiHb-1	Floodwood River	Campsite	End scraper recovered / flake recovered
DkHb-1	North Burntbush River	Campsite	10 flakes recovered
DIHa-1	Kattawagami Lake	Campsite	Hammerstone and 2 flakes recovered
n/a	Lower Detour Lake	Native Cemetery	5 well-made wooden crosses, 6-7 mounds
n/a	Lac La France	Native Burial	Specific location unknown

The above four registered sites represent the first sites ever recorded in their Borden Blocks and indeed are the first ever recorded in the entire region north of Little Abitibi Lake. Although the results are sparse, they do prove that the area was inhabited by pre-contact and historic First Nation peoples from the earliest times after deglaciation of the region (circa 7000 BCE) and subsequent retreat of the Cochrane I and II ice re-advance around 4000 BCE. The spear point fragment from Hopper Lake most certainly dates to these early time periods.

The DkHb-1 site on the unnamed lake which is part of the headwaters of the North Burntbush River system is located on what was a former portage route from there across the Detour Lake road right-of-way and via three small ponds to Upper Kesagami Lake and the Kesagami River.

This suggests that pre-contact and post-contact peoples used this route to gain access from the Abitibi to the Kesagami watersheds and then to James Bay. Other pre-contact and post-contact/historic archaeological sites on Kattawagami Lake (DIHa-1) and the Floodwood River (DIHb-1) indicate that people have lived in this area for several thousand years, although the preliminary results suggest a likely small nomadic population with a very low percentage of stone items in their material culture repertoire. It should be stressed that the material culture evidence recovered to date is very sparse and preliminary. Much more work would be required to attempt any sort of a definitive pre-contact and post-contact history of the region (Settlement Surveys 1983).

Other sites reported during previous work include a cemetery on Lac La France, Lower Detour Lake and some historic structures on Kattawagami Lake (Settlement Surveys 1983).

1.3 Brief Pre-contact History and History of the Study Area

Archaeologists generally divide northeastern Ontario Aboriginal Peoples' history into the following generalized temporal/cultural sequences, described in further detail below:

- Late Palaeo (circa 8,000 - 6,000 BCE)
- Shield Archaic (circa 6,000 - 500 BCE)
- Middle Woodland (circa 500 BCE - CE 1200)
- Late Woodland (circa 1200 - 1600)
- Historic (circa 1600 - present)

After European contact in the seventeenth century, the various First Nation Peoples first became known by their European names such as Cree, Ojibway, Algonquin, etc. However, the correct way to refer to Aboriginal Peoples is by what they call themselves in their own language.

Archaeologists have divided the Aboriginal Past into various culture phases primarily on the basis of technological traits, attributes, and material culture changes in the artifacts uncovered

from archaeological sites. Because of the wet climate of northern Ontario, virtually the only materials that have survived to the present day are those made of stone, bone, or clay. The way in which the stone tools or clay pots were made was strongly governed by the cultural traditions of the people. This allows for some separation of past groups based on technology. In the Detour Lake area, these main technological divisions are outlined below.

Shield Archaic Peoples (6000 BCE - 500 BCE)

The Shield Archaic peoples are represented by technological and stylistic differences and variations in raw materials as well as the geographic distribution of technology, style, etc. The Shield Archaic Peoples (which may involve one or more separate cultural phases or groups) were widespread across northern Ontario and may have evolved their culture and technology from the preceding Plano peoples who lived in the Thunder Bay and Manitoulin Island areas. These people used large spear points and cutting/scraping tools.

Laurel Middle Woodland Peoples (500 BCE - 500/900 CE)

Evidence associated with the Laurel Peoples represents the first appearance of pottery in the French River/ northern Lake Huron region. Laurel sites tend to be found along major lakes and rivers. Moose and beaver were important food sources, as were fish. Stone tools were generally smaller, and atlatl (device for throwing a spear) and arrowhead projectile points were common.

Late Woodland/Pre-contact Peoples (500/900 – 1600 CE)

Woodland Peoples were the groups who lived in northeastern Ontario just prior to the arrival of Europeans and European trade goods in what is now Canada. Many of these groups are known on the basis of their pottery vessels and distinctive decorations found on them. Some of the pottery traditions found in the area are Blackduck, Selkirk, and Ontario Iroquois. These peoples

were the direct ancestors of the present day Cree, Ojibwa, Ottawa, Nipissing, and Algonquin Peoples, all of whom speak various Algonquian languages.

Post-contact/Historic Native Peoples (1600 - 1900)

Aboriginal sites in this area relate to the various First Nations. The Aboriginal Peoples have shared this area for more than four hundred years with European settlers. However, their history in the area goes back a minimum of 7,000 years and perhaps several thousand years earlier to the days of the glacial lakes. The entire area was utilized, including many inland areas and the smaller rivers and lakes during this time period.

The Cree, Algonquin and Ojibway are the resident Aboriginal Peoples of the Moose River Basin. In the Mushkegowuk Tribal Council area, Native People form an absolute majority of the population. They also constitute a majority in certain sub-regions, such as the areas north and east of Lake Abitibi. In addition, Cree, Algonquin and Ojibway people are the only residents of the Moose River Basin, with Treaty and Aboriginal Rights to lands and resources. These rights are constitutionally protected.

1.4 Overview of the Detour Lake Gold Mine Project

The Detour Lake project is located on the northernmost, relatively unexplored Abitibi Greenstone Belt in northeastern Ontario. It encompasses 265 square kilometres, including the Detour Lake deposit, which contains an in-pit gold resource of 13.2 million ounces (measured and indicated resource of 10.8 million ounces and inferred resource of 2.4 million ounces) based on the current engineered pit design. The Detour Lake deposit is situated in the area of the former Detour Lake mine, which was operated by Placer Dome and produced 1.8 million ounces of gold from 1983 to 1999. In addition, Detour Gold has a 50% interest in Block A located west of the Detour Lake project.

The Detour Lake project is located approximately eight kilometres west of the Ontario-Quebec border and 180 kilometres northeast of Cochrane, Ontario (see Figure 2). Access to the property is available via the Detour Lake mine road, an extension of Highway 652 from Cochrane, as well as by air to the site's 1.6 kilometre gravel airstrip.

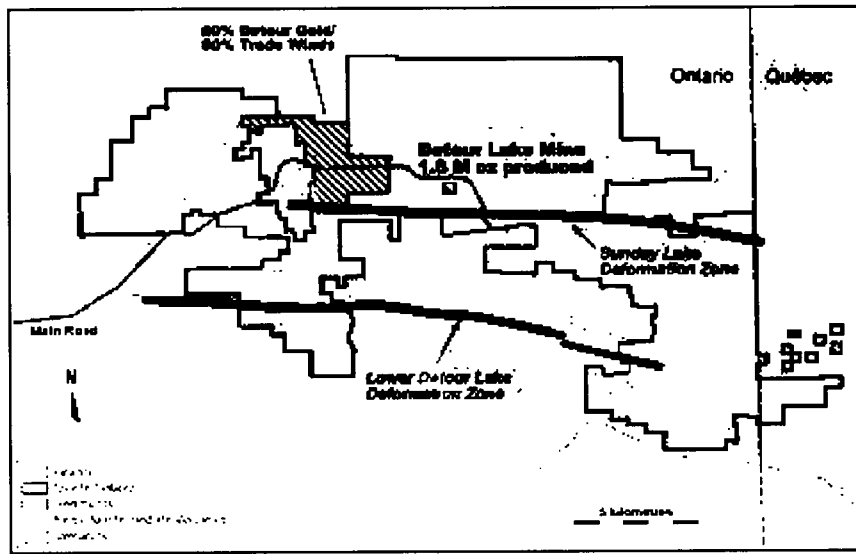


Figure 1.

Detour

Lake Project - Location and General Geology.

In October 2008, Detour Gold exercised its option with Goldcorp Canada ("Goldcorp") for a 100% interest in the Detour Lake Mine Property, which hosts the current resource Mine History.

The Detour Lake mine was discovered by Amoco Petroleum Limited in 1974. Most of the past exploration and mine development has been carried out by four main operators:

Amoco, Campbell Red Lake Mines, Placer Dome, and Pelangio Mines Inc.

Amoco conducted the initial work between 1974 and 1979, followed by Campbell between 1979 and 1987, Placer Dome between 1987 and 1999, and Pelangio between 1999 and

2006. A minor amount of work was also completed by a number of small companies, such as Global Energy Limited, Gowest Amalgamated, and Destor Resources Exploration. Goldcorp took over from Placer Dome in May 2006.

The first mining activity at the property was by Campbell between 1983 and 1987, utilizing open pit methods. Campbell and then Placer Dome mined the deposit by underground methods until July 1999. Details regarding the original open pit are limited, but indications are that small-scale equipment and a selective mining approach were used. The open pit extended to a depth of approximately 120 metres with an estimated strip ratio of 4.5:1 (excluding low grade ore). Underground mining was conducted from the 120 metre level to approximately 785 metres below surface. Access for mining was provided by a 600 metre shaft located approximately 150 metres west of the open pit, as well as a series of ramps extending to the 785 metre level.

Past production totalled approximately 1,764,986 ounces of gold from the milling of just over 14.3 million tonnes of ore at an average recovered grade of 3.82 g/t, including 5.2 million tonnes grading 2.57 g/t (430,516 ounces) from the open pit and 9.1 million tonnes grading 4.98 g/t (1,464,431 ounces) from underground. Average mill recoveries were 93.2%.

On July 2, 2008, Detour Gold reported a mineral resource update (previous one was in December 2007) that included the historical drilling, Phase I drill results (49,322 metres), 51% of Phase II drill results (73,469 metres). The results showed a 125% increase in measured and indicated gold resources from 4.8 million ounces to 10.8 million ounces while inferred gold resources have decreased 20% from 3.0 million ounces to 2.4 million ounces.

The proposed open pit extends 2.7 kilometres in length and up to 650 metres in depth. There is excellent potential for additional mineralization along strike, especially west of the Calcite Zone for several kilometres. The mineralized system has also not been fully tested to the north in the hanging wall outside of the main 200 metre wide corridor. The deposit remains open below the former open pit where significant gold mineralization was intersected in the footwall of the chert marker horizon (CMH) .

(Source for above map and information: <http://www.detourgold.com/s/DetourLake.asp>)

PART II. ARCHAEOLOGICAL POTENTIAL ASSESSMENT

2.1 Assessment Methodology

A Stage 1 background study provides the consulting archaeologist and the Ministry of Culture (MCL) report reviewers with information about the known and potential cultural heritage resources within a particular study area prior to the start of a Stage 2 field assessment. As part of the Stage 1 background study, and as required by MCL's 1993 technical guidelines, the consulting archaeologist should:

- examine the National Site Registration Database to determine the presence of known archaeological sites in and around the project area. This information is available through the MCL Data Coordinator;
- review the land use history and the present condition of the study area;
- and talk to individuals with information regarding archaeological remains on the subject property.

The consulting archaeologist may also examine/document, as deemed appropriate:

- the geomorphological history of the land during the period of possible human occupation, in order to evaluate the potential for buried cultural deposits;

- any other historical, environmental, planning, or archaeological data applicable for the subject lands.

The consulting archaeologist may also wish to review the development property with the appropriate MCL development review officer to determine if additional information regarding known and/or potential heritage resources is available for the project area.

New Technical Guidelines

In early June 2009, MCL introduced Revised Draft Standards and Guidelines for Consultant Archaeologists (see http://www.culture.gov.on.ca/english/heritage/archaeology/arch_sng.htm). The 2009 standards and guidelines are for voluntary pilot testing during the 2009 archaeological field work season, prior to full implementation in January 2010. Also released in June was a Draft Technical Bulletin for Engaging Aboriginal Communities in Archaeology. This draft technical bulletin provides consultant archaeologists with additional guidance and resources for this important aspect of their professional practice.

Besides complying with the new guidelines, Woodland Heritage Services Ltd. prefers to advance the quality of Stage 1 Archaeological Assessments by conducting a property or site visit, wherein we survey the property with a comprehensive surface inspection. At this scale we are able to more accurately assess the spatial, topographic, hydrologic, and pedologic characteristics of the property, all of which are the main determinants for assessing archaeological potential. Although we have not been able to undertake this preliminary field inspection of the Detour Lake project area yet, we are hoping to do so in the future with the First Nations, perhaps as part of the Stage 2 field assessment work.

Assessing the property at the on-ground field work scale has the ability (even under the new proposed guidelines) to remove areas that were previously thought to have archaeological potential. While confirming features of archaeological potential and identifying other features related to the archaeological assessment of the area, a site inspection also helps to determine:

- that watercourses are present where mapped and are not artificial, altered, or non-existent;
- that land formations are natural and not artificial;
- that the shore of permanent water bodies is conducive to past human habitation (e.g., low enough to land a canoe, allowing for safe landing of watercraft);
- the presence / absence of low, sloping well-drained soils;
- the presence of cabin remains or other structural remains;
- the presence of old roads, trails, and portages;
- the presence of extensive wetland areas (which may impede a Stage 2 assessment);
- the presence of permanently saturated soils;
- the presence of a hummocky or boulder terrain;
- the presence of cairns, monuments, plaques, culturally modified trees (CMTs), blazes, or any other anomalous feature made by humans.

2.2 Potential Assessment Model for Archaeological/Cultural Heritage Sites

The following algorithm to predict archaeological potential (Figure 2) along with MCL's checklist of archaeological potential (Table 2) were used to identify high potential areas for archaeological sites in the Detour Lake project area (Figures 3 and 4). When combined with satellite or LIDAR images and other data, areas with low and high potential to contain sites can be identified (see Figure 4). The algorithm used in this Stage 1 Archaeological Assessment was not designed, nor does it claim, to assess all types of sites in the potential development area. However, it utilizes a comprehensive approach that allows for the

identification of areas with a high potential to contain presently unknown archaeological/heritage sites.

Pre-contact Aboriginal Peoples were faced with the task of obtaining a living from the animal, plant, and natural resources of the area. For pre-contact people, critical decisions were those involving where to live, the size of the group that could be supported, and the duration of habitation at a specific location. The major determinant in these decisions was to secure the maximum return for energy expended. This would mean finding a secure food source and required material items (e.g., bark for canoe manufacture, stone sources for tools, plants for medicine, etc.). A second critical factor was to have alternate food sources nearby in case one source failed (such as a fish run not appearing).

Pre-contact settlement locations, therefore, should be tied to various economic or environmental variables and these (both macro and micro) can be broadly tied to present day topographic, geological, and climatic factors. They can also, although to a lesser extent, be based on documented data from Aboriginal Elders and historical records regarding the distribution of plant and animal resources.

The algorithm (Figure 2) for determining archaeological potential used by Woodland Heritage Services Ltd. / Settlement Surveys Ltd. to identify areas with high archaeological potential is based on the following assumptions:

- pre-contact First Nation Peoples sought to minimize the distance travelled and effort required to obtain resources;
- sites will be located close to areas where a secure level of food resources and raw materials was available;

- travel was reduced by reducing group size, thereby reducing subsistence needs and the size of the area required for exploitation. Consequently, most sites will be relatively small;
- whenever possible, sites were located in areas of environmental diversity, thereby allowing for a range of possible subsistence alternatives should one food or material source fail;
- site selection was influenced by the need for protection, visibility of the surrounding terrain, and access to other groups for purposes of trade, visiting, and information exchange. In northern Ontario most families, according to Anishnabai Elders, would gather together in a group during the summer months when resource availability was at its highest;
- some sites will be stops along travel routes such as o-nig-um (portages) and me-kums (overland trails);
- not all areas of the physical landscape were equally suited for settlement, and some of these characteristics (e.g., steep slopes, permanently wet soils, etc.) work to limit or nullify archaeological potential.

The site potential model serves as a preliminary planning tool to indicate the areas that require field assessment prior to land disturbance.

Several of the variables discussed above are present in the algorithm below (Figure 2). The algorithm has been set up to begin with the most basic conditions for archaeological potential and then, through other variables, hone the final determination of potential. It should be noted that there are two distinct sections of the algorithm used to determine archaeological potential. On the left are a set of variables used to determine pre-contact archaeological potential. To the right is a checklist used to determine post-contact archaeological potential.



The answers to the above statements were not assigned values; instead they are designed to build to a final conclusion of archaeological potential. The algorithm has been set so that if physical characteristics are present that automatically discount the area from having archaeological potential, the algorithm will assign a conclusion of low potential. Additionally, if conditions exist through which positive variables are affirmed, then the algorithm will automatically assign a conclusion of high archaeological potential.

Table 2. MCL Checklist for Proposed Development Activities within the Detour Lake Project Area - Sunday Lake Area and West of Sunday Lake Area, District of Cochrane.

MCL CHECKLIST FOR DETERMINING ARCHAEOLOGICAL POTENTIAL

	Potential Feature	Yes	No	Not Available	Comment
1	Known Archaeological Site (250m)		x		If Yes, Potential Determined

***** PHYSIOGRAPHIC FEATURES *****

2	Water – any within 300m?	X			If Yes, what kind of water?
2a	Primary Water Source (300m) (lakeshore, river, large creek, etc.)	x			If Yes, Potential Determined
2b	Secondary Water Source (200m) (stream, spring, marsh, swamp)	x			If Yes, Potential Determined
2c	Ancient Water Source (300m) (beach ridge, river bed)		x		If Yes, Potential Determined
3	Elevated Topography (knolls, drumlins, eskers, plateaus, etc.)	X			If Yes, and Yes for any of 4-9, Potential Determined
4	Pockets of Sandy Soil in a clay or rocky area		x		If Yes, and Yes for any of 3, 5-9, Potential Determined
5	Unusual Land Formations (mounds, caverns, waterfalls, etc.)		x		If Yes, and Yes for any of 3-4, 6-9, Potential Determined

***** HISTORIC CULTURAL FEATURES *****

6	Extractive Area (for food or scarce resources)		x		If Yes, and Yes for any of 3-5, 7-9, Potential Determined
7	Non-Aboriginal Settlement (monuments, cemeteries, etc.)		x		If Yes, and Yes for any of 3-6, 8-9, Potential Determined
8	Historic Transportation		x		If Yes, and Yes for any of 3-7 or

	(road, rail, portage, etc.)				9, Potential Determined
9	Designated Property (Refer to LACAC or Clerk's Office)		x		If Yes, and Yes for any of 3-8, Potential Determined

***** APPLICATION SPECIFIC INFORMATION *****

10	Local Knowledge		X		If Yes, Potential Determined
11	Recent Disturbance (confirmed extensive and intensive)		x		If Yes, No Potential

SUMMARY: Potential Confirmed

- If Yes to any of 1, 2a-c, or 10: Archaeological Potential is **Confirmed**.
- If Yes to two or more of 3-9: Archaeological Potential is **Confirmed**.
- If unqualified Yes to 11, or no to 1-10: **Low** Archaeological Potential is Confirmed.

2.2.1 Assessment of Potential within Proposed Development of the Detour Gold Property

The results of the WHS algorithm confirm the Detour Lake project area has many areas of archaeological potential, as the property contains several lakes and streams with reasonably well-drained soils and slightly sloping terrain.

2.2.2 Physiographic (LIDAR) Based Assessment of Potential

To refine the areas of archaeological potential, a LIDAR based terrain elevation model with derived contours at 50 cm was used in combination with the layer depicting vegetation cover. All areas of steep slopes (>30%) and permanently saturated soils were removed from the area of archaeological potential. The vegetation was examined to infer the drainage of the soils that were found on near level slopes and close to water. If the vegetation consisted of a mixed forest or the forest contained jack pine, the areas were highlighted for archaeological potential. Stands of alder and 100% black spruce as well as

cedar swamps were eliminated. Figure 5 shows the resulting areas of archaeological potential found in the Detour Lake Project study area.

2.3 Statements Required by MCL

The Ministry of Culture requires that all archaeological assessment reports contain the following statements.

2.3.1 A Statement Detailing the Exact Location of the Subject Property.

The Detour Gold Property is bounded within the following UTM coordinates. *N.B.* All coordinates are in UTM Zone 17 NAD 83.

Corners	Easting	Northing
NW	585000	5545000
NE	599000	5545000
SW	585000	5538000
SE	599000	5538000

2.3.2 A Statement of the Size of the Property.

The study area based on the smallest box that can contain all of the areas to be developed is approximately 24 km².

2.3.3 A Statement Concerning Any Limits Placed on Access to the Study Area.

N/A as no field work was undertaken.

2.3.4 A Statement Concerning the Long-term Care and Disposition of Artifacts and Documents (e.g., Field Notes) Related to an Archaeological Assessment Project.

All artifacts and documents will be kept safe and confidential in facilities either directly owned or associated with Woodland Heritage Services Ltd. Artifacts can be transferred to First Nations via the Ministry of Culture's "Archaeological Collection Transfer Form."

2.3.5 A Statement Concerning the Condition of the Subject Property at the Time of the Field Assessment.

As no field assessment has currently been conducted, a complete description of the condition of the subject property is not yet available. It is known that some areas of the Detour Gold Corporation property have been intensively and extensively disturbed through past site development and mining activities.

2.3.6 A Statement Concerning the Weather and Lighting Conditions Encountered During Field Activities. (This statement confirms that the weather and lighting conditions at the time of the assessment were conducive to the identification and recovery of archaeological resources).

No field activities have been conducted to date.

2.3.7 Where Methods Vary from the Technical Guidelines, an Explicit Statement as to the Rationale Behind the Use of Such Methods.

This Stage 1 assessment did not vary from the 1993 MCL's Archaeological Assessment Technical Guidelines (Stages 1-3 & Reporting Format). This report took into consideration the 2009 Draft Standards and Guidelines for Consultant Archaeologists.

2.3.8 A Detailed Statement Outlining the Criteria Used to Evaluate Areas of Archaeological Potential, or Lack Thereof, Within a Subject Property.

Criteria used to evaluate areas of archaeological potential, or lack thereof, within a subject property included the following:

- The use of the WHS algorithm for determining archaeological potential (see Figure 2);
- An evaluation of the pre-contact and historic use of the land. This information is based on the MCL archaeological site location and information database as well as any local historical sources.

2.3.9 A Detailed Statement Providing the Rationale Behind, and Justification for, Each Recommendation Made in the Report.

The rationale behind, and justification for, each recommendation in the report is provided in detail in parts 2 and 3 of this report.

2.4 Archaeological Assessment of the Project Site Area

The purpose of this assignment is to complete, to the Ontario Government's standards and satisfaction (both MCL and First Nations), a Stage 1 archaeological assessment to identify any areas of high archaeological potential that may be impacted by the proposed development.

The Detour Lake Project site area has little relief (Figures 3, 4), with the exception of low hills. The bulk of the land is low-lying and fairly flat (Figure 4). Expanses of wetlands comprise the bulk of the project area and consequently restrict the travel of people during the summer months. The vegetation is composed solely of species found throughout the boreal forest. These include black spruce, aspen, alder, and white birch. In the more well-drained areas, jack pine and white spruce are found (Figures 5 and 6).

The study area comprises an area of proposed development by the Detour Gold Corporation. The development has a varied approach as some places are to be used as rock piling areas, tailing ponds, water lines, and expanded open pit operations (Figure 4).

2.5 Study Area Maps and Photos

Maps and photographs of the study area can be found on the following pages.

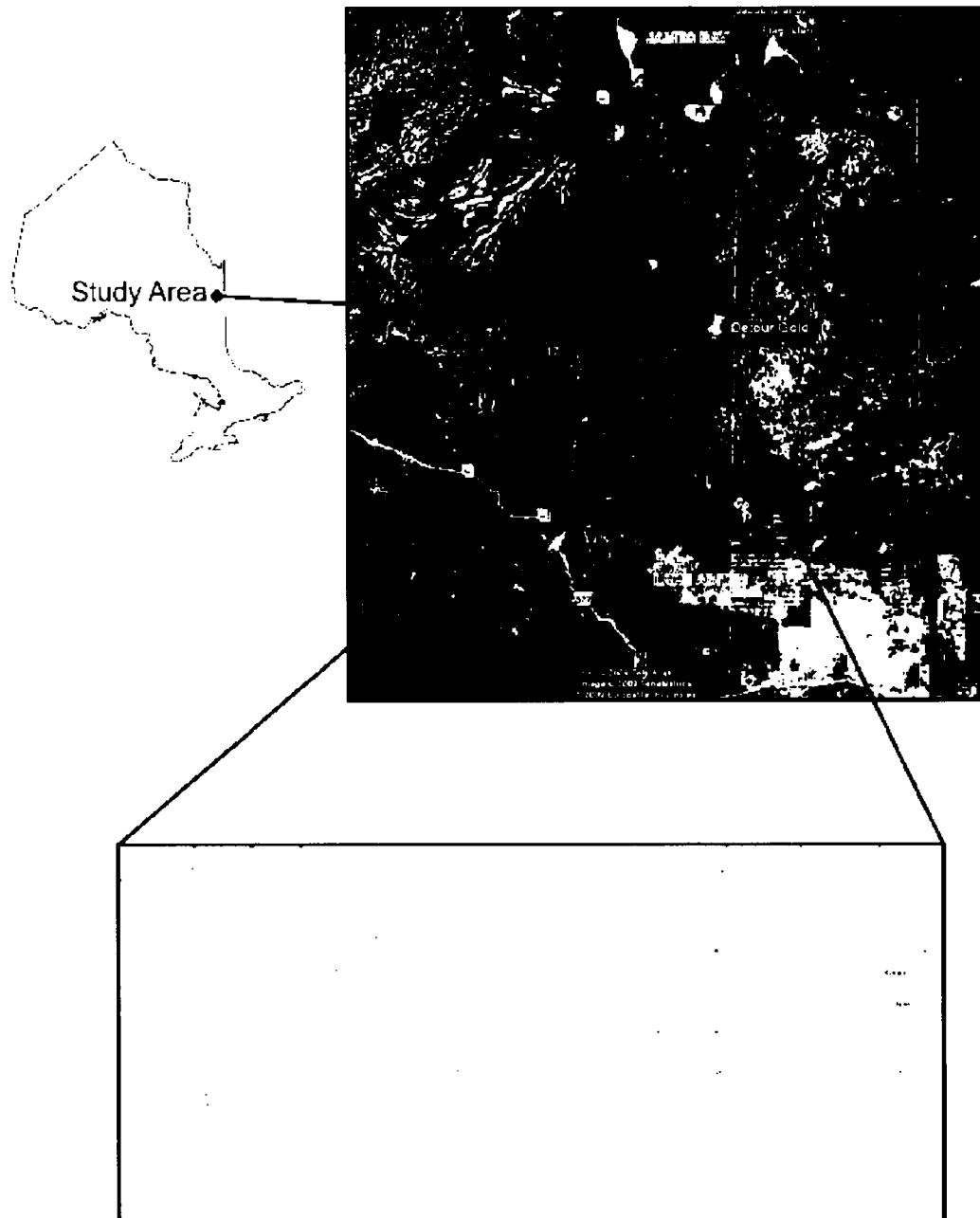


Figure 3. Project Location Map.

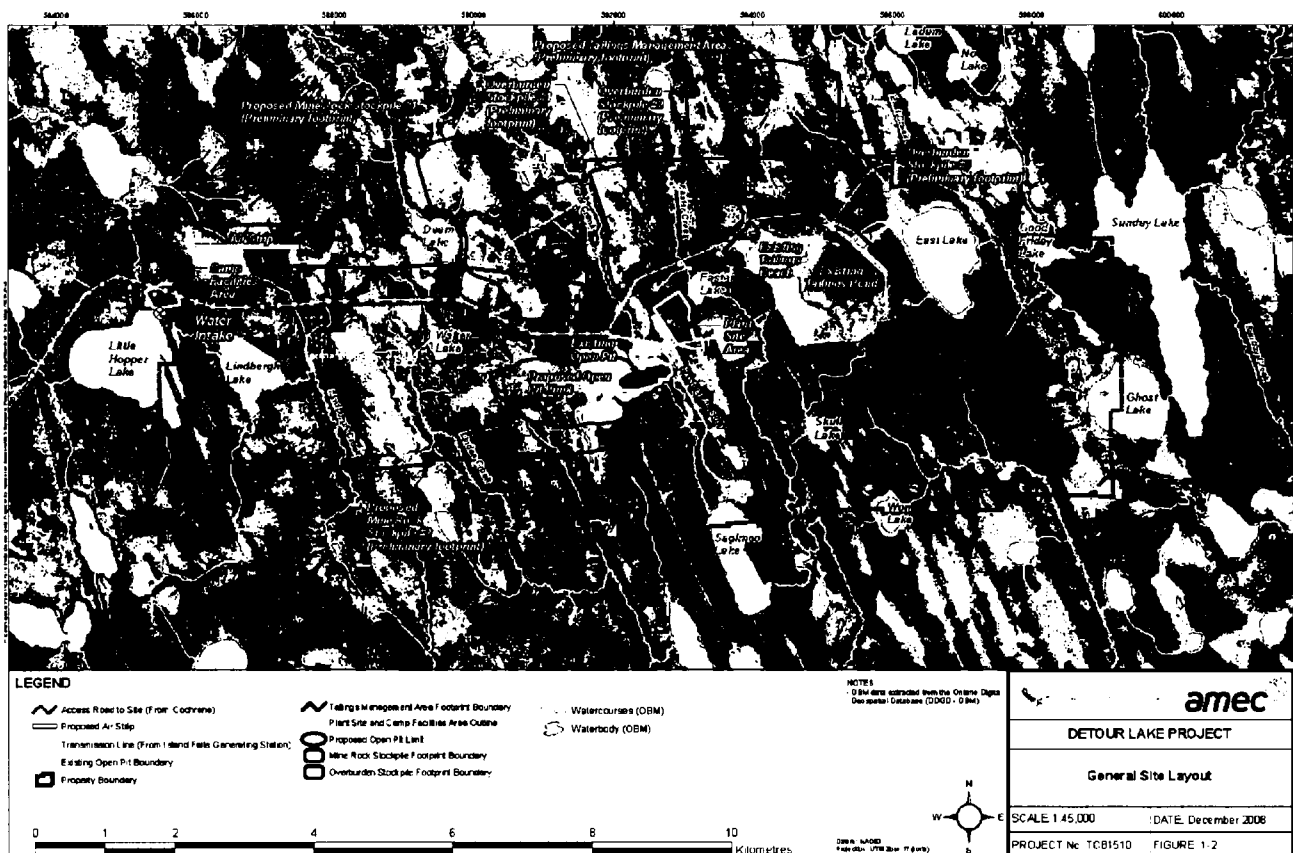


Figure 4. Map of Detour Gold Property (courtesy of AMEC).

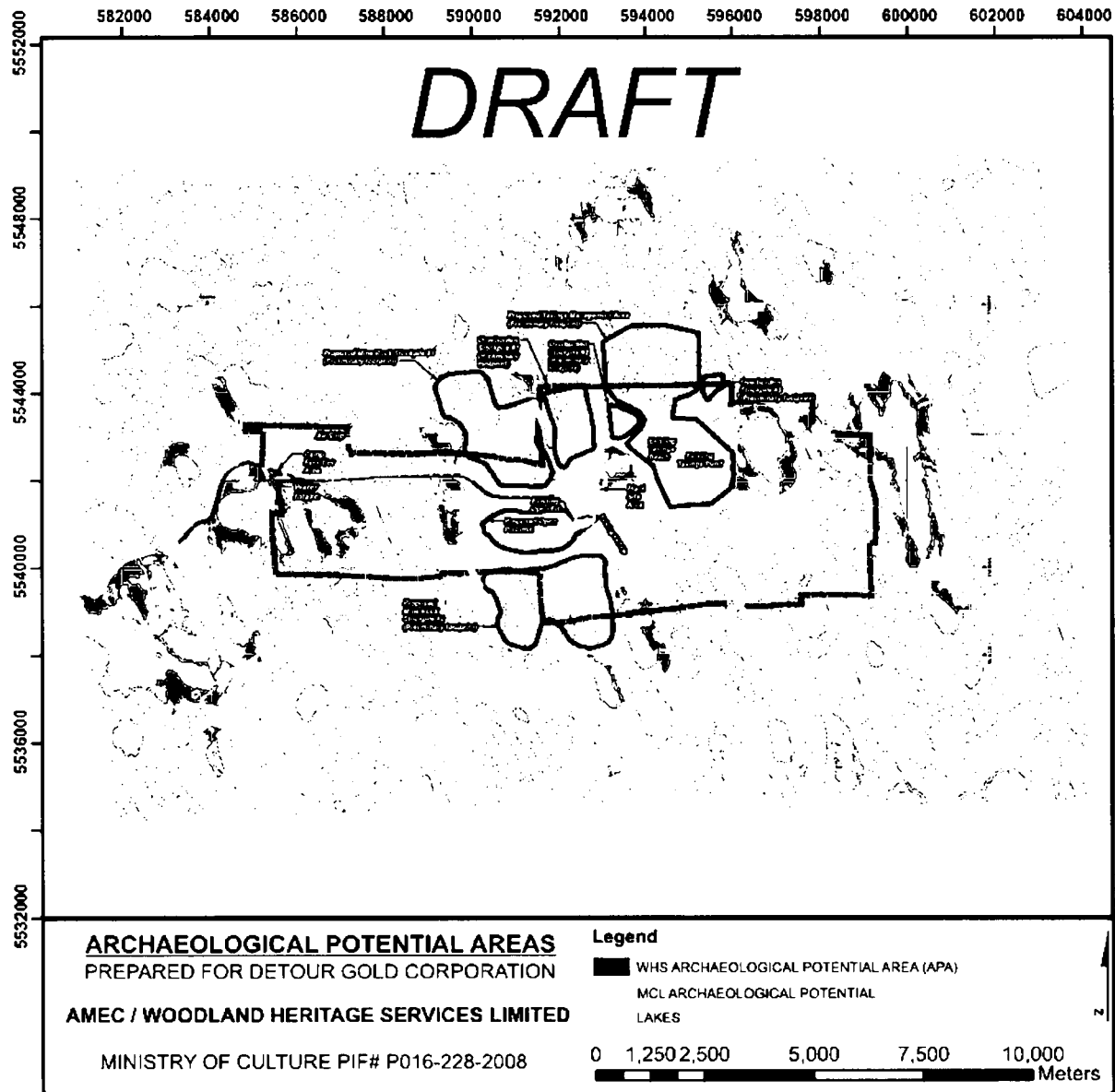


Figure 5. Map of the Permit Area Showing WHS Areas of Archaeological Potential.

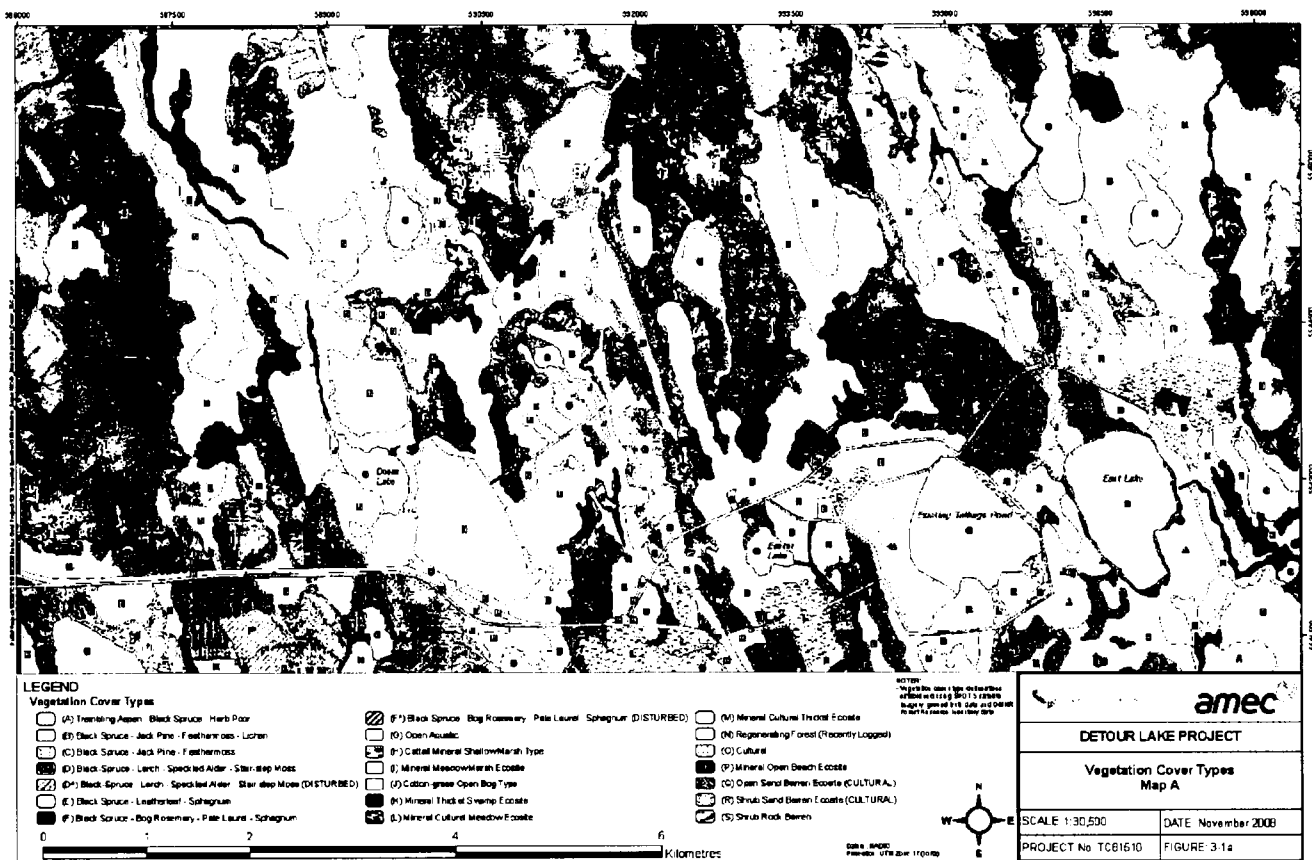


Figure 6. Vegetation Map for the Northern Extent of the Property (AMEC).

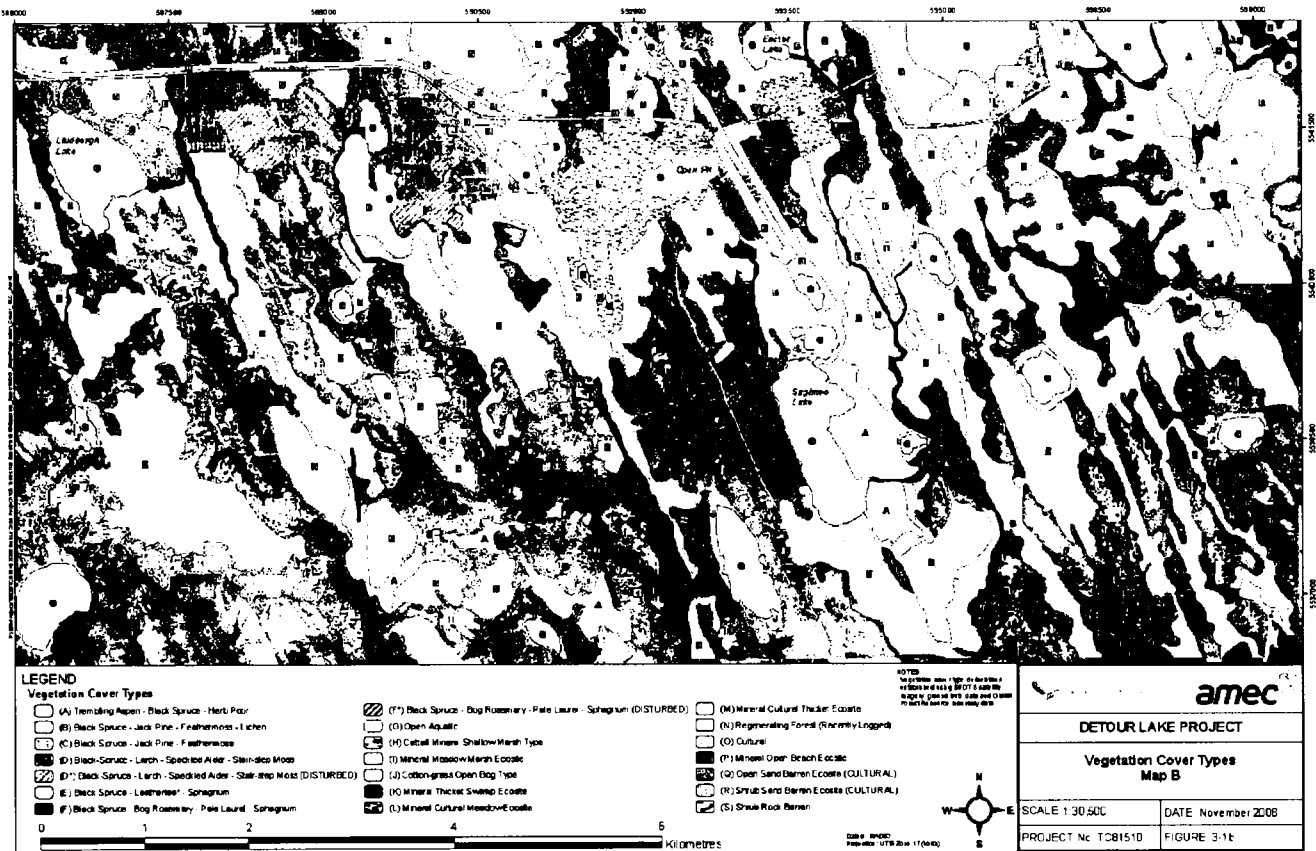


Figure 7. Vegetation Map for the Southern Extent of the Property (AMEC).

DRAFT

PART III. RECOMMENDATIONS

3.1 Anticipated Impact on Heritage Resources

Archaeological sites are non-renewable resources requiring proper planning, development, management, and protection similar to that afforded to most natural resources. There are several areas of high archaeological potential within the proposed Detour Lake Project study area. Therefore, there exists a potential for impact to archaeological and cultural heritage sites and values.

3.2 Mitigation Research Requirements

As areas of high archaeological potential were identified through the Stage 1 assessment work, it is recommended that field assessments be conducted by a licenced archaeologist working with First Nation cultural monitors and advisors.

3.3 Recommendations DRAFT

3.3.1 A topographic and physiographic analysis confirmed the location of several high potential archaeological areas within the Detour Mine Project study area. We recommend that the archaeological and cultural heritage concerns be addressed through a Stage 2 archaeological and cultural heritage field assessment prior to the commencement of any substantive ground disturbing activities.

3.3.2 (A) Finally, as required by MCL regulations under the Ontario Heritage Act, all archaeological reports must also state that there is a possibility of deeply buried, undetected archaeological remains or other cultural heritage values (archaeological or historical materials or features existing within the study area). Should these be identified

during operations, all activity in the vicinity of the discovery should be suspended and the Ministry of Culture archaeologist contacted at the Heritage Operations Unit of the Ministry of Culture, 4th Floor, 400 University Ave, Toronto, Ontario M7A 2R9. This condition provides for the potential for discovery of deeply buried artifacts or site areas not typically identified in evaluations of potential or archaeological field work.

(B) Should human remains be identified during operations, all work in the vicinity of the discovery must be suspended immediately. Notification should be made to the Ontario Provincial Police, or local police, who will conduct a site investigation and contact the district coroner. Notification should also be made to the Ministry of Culture and the Registrar of Cemeteries (part of the Ministry of Consumer and Commercial Relations). Other government staff may be contacted as appropriate; however, media contact should not be made in regard to the discovery.

3.4 References

Baker M.B.

- 1911 Route Map of Parts of Moose River Tributaries Districts of Algoma Sudbury and Nipissing. To accompany report by M.B. Baker, The Iron and Lignite of the Mattagami Basin, Twentieth Report of the Bureau of Mines, Ontario.

Baldwin, Doug

- 1975 The Fur Trade in the Moose-Missinaibi River Valley 1770-1917. Historical Planning and Research Branch Research Report 8.

Borron, E.B.

- 1891 Report on the Basin of the Moose River. Ontario Legislative Assembly Sessional Paper, No. 87, 1891. (Contains reports of Mr. Borron's yearly explorations in the Moose River Basin from 1880 to 1890).

Dyer, W.S.

- 1929 Geology and Economic Deposits of the Moose River Basin. Ontario Department of Mines, Thirty-seventh Annual Report, Part IV, pp. 1-69.

Hunt, George T.

- 1940 The Wars of the Iroquois. The University of Wisconsin Press.

Ontario, Government of

- 1975 A Topical Organization of Ontario History (The Historical Systems Plan), Historical Sites Branch, Division of Parks.

Pollock, J.W.

- 1975a The Culture History of Kirkland Lake District, Northeastern Ontario. Unpublished M.A. Thesis, Department of Anthropology, McMaster University, Hamilton, Ontario.

1975b Algonquian Culture Development and Archaeological Sequences in Northeastern Ontario. Canadian Archaeological Association Bulletin 7:1-53.

1976 The Culture History of Kirkland Lake District, Northeastern Ontario. National Museum of Man - Mercury Series. Archaeological Survey of Canada. Paper 54. Ottawa.

Settlement Surveys Ltd.

1982 Heritage Resources Assessment Detour Lake Access Road, From 84.3 km North of Secondary Hwy. 652, Northerly for 36.8 km, prepared for Ontario Ministry of Transportation and Communications, Engineering & Right-Of-Way Office, Planning & Design Section, Contract Agreement 4212-5081-171, (W.P. 7-81-03, W.P. 7-81-04). Ontario Ministry of Citizenship and Culture License No. 82-73

APPENDIX 1.
1982 DETOUR LAKE ACCESS ROAD
ARCHAEOLOGICAL ASSESSMENT

N.B. The 1982 study did not cover the mine site area, as at that time the Environmental Assessment Act did not apply to private sector projects. Therefore only the access road being built by the Province was assessed for archaeological sites.

DOCUMENT INFO

Name: 169 Roc 09-09-08 Email - Ttn Tek.tif
Size: 92KB (93,832 bytes)
Modified: Tuesday, Oct 05, 2010 12:53:27 PM

DOCUMENT INFO

From: Burgess, Caroline M
Sent: Tuesday, September 08, 2009 11:38 AM
To: Warren, Meryl
Subject: FW: RE:

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

From: Derek Teevan [mailto:DTeevan@detourgold.com]
Sent: Tuesday, September 08, 2009 11:07 AM
To: peter archibald; Burgess, Caroline M; jennifer simard; Nancy Wood
Cc: John Daniel Archibald; Daniel, Sheila E; Simms, David
Subject: RE: RE:

Peter: I arrive by about 1:30. I'm presenting from about 3-4 and then free until 6pm I believe which is when I'm at a dinner meeting.

Derek

From: peter archibald [mailto:peter_archibald@hotmail.com]
Sent: September 8, 2009 9:37 AM
To: Caroline Burgess; jennifer simard; Nancy Wood
Cc: John Daniel Archibald; Derek Teevan; Shiela Daniel; David Simms
Subject: RE:

hello caroline

I'll watch for, hopefully I'll see derek tommrow.

Peter Archibald

Subject: RE:
Date: Tue, 8 Sep 2009 09:16:32 -0400
From: Caroline.Burgess@amec.com
To: peter_archibald@hotmail.com; jsimard@merc.ontera.net; nwood@mcleod-wood.com
CC: archibald_jd38@hotmail.com; DTeevan@detourgold.com; sheila.daniel@amec.com;
david.simms@amec.com

Hi Peter - thanks for this. I think this is a reasonable set of tasks to complete this additional work to collect information on the additional transmission line area.

We will just need Jennifer to create an addendum to the TEK Work Plan that outlines the change in work scope, with tasks and costs to complete this additional work. This should be sent to Derek Teevan for sign off. If it is ready for September 9th, Derek may be able to review and sign off while he is in town.

Caroline

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

From: peter archibald [mailto:peter_archibald@hotmail.com]
Sent: Monday, September 07, 2009 9:34 PM
To: jennifer simard; Nancy Wood; Burgess, Caroline M
Cc: John Daniel Archibald
Subject:

Hello all

Further to my previous e-mail about the additional 4 names, an extension would be required for John to go to Moosonee on the 21st to 23rd of Sept. to interview the folks there and return to do his report for the 25th in Timmins to Jennifer. hope this can be accommodated.

Peter Archibald

New! Hotmail sign-in on the [MSN homepage](#).

The information contained in this e-mail is intended only for the individual or entity to whom it is addressed. Its contents (including any attachments) may contain confidential and/or privileged information. If you are not an intended recipient you must not use, disclose, disseminate, copy or print its contents. If you receive this e-mail in error, please notify the sender by reply e-mail and delete and destroy the message.

Click less, mail more: Hotmail on the new [MSN homepage!](#)

DOCUMENT INFO

Name: 170 Roc 09-09-08 Email - Wfn Tek.tif
Size: 31KB (31,195 bytes)
Modified: Tuesday, Oct 05, 2010 01:37:38 PM

DOCUMENT INFO

From: Burgess, Caroline M
Sent: Tuesday, September 08, 2009 2:18 PM
To: Warren, Meryl
Subject: FW: TK
Attachments: DRAFT TEK Work Plan 2009-09-04.doc; TEK Agreement v1 08-09-09.doc

For SIIMS

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

From: Derek Teevan [mailto:DTeevan@detourgold.com]
Sent: Tuesday, September 08, 2009 12:51 PM
To: 'wfnibacoordinator@gmail.com'; 'gkerr@chignectogroup.com'
Cc: Burgess, Caroline M
Subject: TK

Maurice: As discussed last week, attached please find a TEK agreement that illustrates Detour's respect for the traditional knowledge of WFN members and commitment to confidentiality and intellectual property. The work plan is simply a draft a much more direct approach could be developed with Chris and the Environmental Committee.

We would be happy to come up and meet with Chris and the environmental committee next week to advance the TK work.

Best regards

Derek Teevan
V.P. Aboriginal and Government Affairs
Detour Gold
Royal Bank Plaza, North Tower
200 Bay St, Suite 2040 Box #23
Toronto, ON, M5J2J1

office: 416.304.0800
fax: 416.304.0184
cell: 416.278.2851

dteevan@detourgold.com

DOCUMENT INFO

Name: Attach 1 Draft Tek Work Plan 2009-09-04.tif
Size: 243KB (247,990 bytes)
Modified: Tuesday, Oct 05, 2010 01:37:45 PM

DOCUMENT INFO

Detour Lake Project

TRADITIONAL ECOLOGICAL KNOWLEDGE AND TRADITIONAL LAND USE: DETAILED WORK PLAN

PROPOSED APPROACH

For this work, we propose using a participatory research method that involves to the greatest extent possible, the First Nation community members in guiding and decisions about the study, gathering and verifying the TEK from community members and reviewing/preparing the resulting reports.

This involvement will start with the signing of a “TEK Agreement” with FN leadership which would outline the study process, compensation for participation, and terms of use for the TEK collected.

To guide the work, we suggest striking a TEK Steering Committee comprised of 2 members of the First Nation, 1 AMEC representative and 1 Detour Gold representative. Using consensus based decision making, the TEK Steering Committee would guide and support the study and will verify the study area boundaries, select the interviewer and community interviewees, make decisions about field verification and participate in community TEK verification workshops.

PROPOSED TASKS

(1) Prepare and Sign TEK Agreement with FN Leadership

- Agreement will establish the terms of the study, recognize the steering committee as guiding the work, sets out that the information gathered is the property of the FN and that the FN will provide this information to Detour Gold as part of their application to the government.
- Agreement will also state terms of compensation for TEK Steering Committee members, interviewer and interviewees.
- To support the TEK agreement, we would prepare and present our TEK principles, approach and proposed method for consideration in meeting with FN leadership.

(2) Establish and First Meeting of Steering Committee

- FN leadership to select 2 members of their community to represent them on the TEK Steering Committee
- Hold first meeting of TEK Steering Committee to discuss and verify:
 - TEK study area – proposed to include the proposed mine site including a buffer around the site (see attached map) and a buffer on either side of the transmission line right of way and Highway 655.
 - TEK interviewer – who will be responsible for setting up and conducting the interviews

- TEK interviewees – who from the community would be most appropriate to be involved in this study.
- Verify existing information
- Scheduling of the interviews
- Next meeting date and communication protocols.

(3) Gather and Review Existing TEK Information

- Obtain and review existing TEK information and, with permission from the First Nation, compile this information into GIS format (or obtain in electronic format if already prepared).
- Prepare list of gaps from existing information and revise/refine TEK Questionnaire to fill these gaps.

(4) Selecting TEK Study Participants (Interviewer, Translator, Interviewees)

- TEK Steering Committee to determine who will be primary interviewer, who would be appropriate interviewees and if translation will be required.
- Interviewers could be an individual from the community with an interest and/or experience in interviewing Elders and other community members who use the study area for cultural activities (hunting, trapping, fishing, ceremonial) and/or with traditional ecological knowledge of the area.
- If there is no one in the community willing or able to conduct the interviews, then another appropriate person will be determined by the Steering Committee and could include a person from the Tribal Council, consulting team or other trusted and capable individual.
- The interviewee will be responsible for reviewing the interview questions and methodology with the Steering Committee members and completing and writing up the results of the interviews before the end of March 2009.
- A translator may be required to translate the maps and interview materials/transcripts if needed.
- The TEK Steering Committee will select not more than 10 individuals from the Wahgoshig First Nation who are:
 - the main users of the study area;
 - Elders who have considerable experience with resource harvesting in the study area;
 - Younger resource harvesters with experience in the study area;
 - Both males and females; and
 - Willing to be interviewed.
- Interviewees will be compensated for the interview with an honorarium in an amount determined in the TEK Agreement. Typical honorariums are in the range of \$150-\$200 per half day interview.
- Interviewees will be required to sign a consent form prior to the interview (sample attached).

(5) Develop questionnaire

A draft questionnaire will be prepared to guide the interview. If a questionnaire has been developed through previous TK or TLU work in the community, and this questionnaire is acceptable for the purposes of this study, then it may be used. If a previously designed questionnaire is not available, then one will be drafted for review by the TEK Steering Committee members. The questionnaire will gather both traditional land uses within the established study area and traditional ecological knowledge relevant to the environmental assessment.

The questionnaire will cover topics as follows:

Hunting – which animals, what time of year, with whom (hunting party make-up), location of hunting areas, typical yearly harvest numbers, observations about animal cycles, movements, condition of the animals and activities in the study area. Also ask for information on related features such as mineral licks, calving sites, denning areas, etc.

Fishing – which fish, what time of year, with whom, where do they fish (record names of lakes and streams), typical yearly harvest numbers, observations about fish abundance, movements/spanning areas, condition of the fish in the study area lakes and streams.

Trapping and snaring – where are traplines, what do they trap and if this has changed over time, who is involved (junior trapper, other family members), typical harvest numbers (ask if they are willing/able to provide trapping records, however, this is not critical to the success of the study), observations about the animals (abundance, cycles, movements, condition of the animals, etc.). Ask if any snaring of small animals occurs in the study area, who snares, what types of animals are caught.

Cabins and camps – where are they located, purpose/use of the camp (i.e., for accommodation while hunting, trapping, fishing, or more recreational), travel routes to the cabin, how long they have used the cabin/camp site, how often the cabin is used throughout the year, and what time of year is the cabin/camp used.

Trails and Travel routes – location, method of travel (skidoo, walk, drive), significant locations along the travel routes

Plant Harvesting and Use – areas where plants (for food, medicine, building materials) are harvested, when they are harvested, species of plants and their importance/use.

Ceremonial or other culturally significant sites – If interviewee is willing to share locations, then record, if not, then ask if we can record the general area of the important site so that it can be avoided. What types of ceremonies, how many graves, how old, current use?

Consumption of country foods – what percentage of their diet is country food vs. store bought foods. Gather information for themselves and ask if they can comment on this about their family members.

For each topic area it will be important to ask questions from the past (within memory) and current use.

(6) Conduct Interviews

- Scheduling:
 - The TEK interviewer will set up the interview time and location with interviewees and the translator. Often it is best to conduct the interview at the interviewee's home, the Band office or community centre. Interviews should be about 2 – 4 hours in length (taking care to not tire the interviewee) and may need to be conducted over a few sessions.
- Materials:
 - Materials for the interview should include map sheets, with TK icon stickers to affix to the map areas (icons used by Arctic Institute). Coloured markers or pencils can be used to mark travel routes or areas rather than point features.
 - Map sheets should have communities, roads, water features and traplines marked on them for landmarking. Map sheets should also include the boundaries of the study area, and the mine site/transmission line corridor.
 - Questionnaires (hard copy) should also be brought to help guide questioning with each question at the top of a page so that information can be recorded under the question.
 - Use of a laptop computer may or may not be appropriate and should be considered only if the interviewer and interviewee are comfortable with this.
 - The use of a tape recorder should be considered, so that transcripts of the interview may be recorded. Recordings will be the property of the First Nation following transcription.
- Sequencing:
 - Introductions of interviewee and purpose of the study
 - Share information on what will be done with the interview information
 - Indicate that the interviewee will be given an honorarium (gift of tobacco or tea may also be appropriate and should be discussed in advance with the Steering Committee).
 - Indicate that information gathered through the interview may also be field verified
 - Ask the interviewee to sign the consent form
 - Conduct the interview using questionnaire and map sheets
 - Provide the honorarium and gift.

(7) Field reconnaissance

Based on deliberation of the Steering Committee, field visits to verify certain locations of traditional land uses may be necessary. These could be conducted in conjunction with Archaeological field work.

(8) Reporting and Data Mapping

Once interviews are completed TEK study reports will be compiled in draft form for each of the First Nations. Spatial data will be mapped using GIS.

(9) TEK Verification Workshop

Once the reports and spatial data are compiled on maps, the TEK Steering Committee will host a verification workshop, at first involving the interviewees and second involving other members of the community. The purpose will be to verify the information that was shared during the interviews and field visits and to share this information with the community members. During the workshop we would record how the TEK holders believe the proposed Detour Lake Project could affect their use of the land and focus on ways that these effects could be mitigated (or if positive, could be enhanced).

(10) Study Completion and Presentation to Community

Suggest a celebration to mark the completion of this study involving all members of the community and study team.

STUDY SCHEDULE

Task	Target Completion Date
Prepare and have approved the TEK Study Agreement with the FN leadership	
Set up Steering Committee	
Steering committee meeting to review terms and scope of the work	
Orientation for interviewer and set up interviews	
Conduct interviews	
Second steering committee meeting to provide update and discuss need for and method of field verification	
Field verification (combined with Archaeology)	
Write up report(s) and prepare maps	
Review and verification of TLU and TEK with Steering Committee and Interviewees (group interview/workshop)	
Celebration	

ESTIMATED BUDGET FOR FIRST NATION INVOLVEMENT

To be completed.

DOCUMENT INFO

Name: Attach 2 Tek Agreement V1 08-09-09.tif
Size: 170KB (173,753 bytes)
Modified: Tuesday, Oct 05, 2010 01:37:49 PM

DOCUMENT INFO

**AGREEMENT FOR SHARING OF
TRADITIONAL ENVIRONMENTAL KNOWLEDGE**

THIS AGREEMENT dated as of _____, 2009

B E T W E E N:

WAHGOSHIG FIRST NATION, represented herein by the Council of Wahgoshig First Nation pursuant to the *Indian Act* (Canada)

("WFN")

AND:

DETOUR GOLD CORPORATION, a corporation incorporated under the laws of Canada and having their head office at Royal Bank Plaza, North Tower, 200 Bay Street, Suite 2040, Box #23, Toronto, ON M5J 2J1

("Detour")

WHEREAS the parties entered into a Letter of Intent dated September●, 2009 (the "**Letter of Intent**") to enable Detour to examine the feasibility of constructing and operating a gold mine and related undertakings on lands which WFN asserts are in its traditional lands and in respect of which WFN asserts it holds constitutionally protected rights ("**WFN Lands**");

AND WHEREAS Detour contemplates a 2009 exploration program, construction, operation and eventual closure of a gold mine, corridor to the mine site (road, electricity transmission), and related undertakings, portions of which are asserted by WFN to be on WFN Lands (the "**Project**");

AND WHEREAS the Letter of Intent contemplates Detour and WFN negotiating and entering into a memorandum of understanding (the "**MOU**") in respect of the Project;

AND WHEREAS the Parties wish to facilitate the provision by WFN to Detour of traditional environmental knowledge ("**TEK**") in respect of WFN Lands;

AND WHEREAS Detour is committed to maintaining the integrity of the TEK and respects the right of WFN to outline for Detour the appropriate use of the TEK.

NOW THEREFORE in consideration of the premises, covenants and agreements of the Parties set out herein and other good and valuable consideration, the Parties agree as follows:

1. Principles of the Agreement:

- (a) The Parties agree that TEK refers to an evolving body of environmental and cultural knowledge and beliefs held by members of WFN, transmitted through oral tradition and first hand observation based upon living in close contact with the land. Such information includes that about ecology, and WFN's traditional

land uses, sacred sites, religious practices and demographic data not already in the public domain.

- (b) Provided that WFN and Detour have executed the MOU in respect of the Project, WFN and Detour will set out the details and scope of the TEK required in respect of the Project and WFN will provide such TEK to Detour and advance Detour's understanding of such TEK within the area to be affected by the Project. This agreement is intended to be consistent with the traditional principles of sharing TEK in a manner consistent with the maintenance of the environment and the health of WFN.
 - (c) Notwithstanding provision of TEK to Detour, the TEK provided by WFN to Detour continues to be the property of WFN and its members.
 - (d) Detour will only use the TEK provided by WFN to support the Environmental Assessment(s) and for permitting processes related to the Project.
2. Detour agrees to:
- (a) Recognize that WFN may have its own specific and distinct guidelines, principles and protocols relating to the collection and use of TEK.
 - (b) Keep strictly confidential, in accordance with the provisions of this Agreement, all TEK, and not to release same to any third party without WFN's prior written consent, other than to comply with law.
 - (c) Utilize TEK where applicable to assist in its obligations, undertakings and work in respect of the Project.
 - (d) Correctly cite TEK sources in all published materials. WFN shall have the right to review any documentation which uses this information, before it is published or made public, so that WFN can ensure the accuracy of reference to or use of TEK therein.
 - (e) Make its employees, contractors and/or agents aware of this Agreement and Detour shall be responsible for their adherence to the same.
 - (f) Provide the necessary resources required on its part to meet the conditions of this Agreement. Detour and WFN will come to consensus on the necessary resources and define these based upon the timetables, workplan(s) and eligible costs as agreed to by the parties from time to time.
3. Provided that WFN and Detour have made substantial progress toward execution of a MOU in respect of the Project, WFN agrees to:
- (a) Be responsible for providing an appropriate process for the collection and sharing of TEK by WFN members. To do so, WFN will be represented on the WFN TEK Steering Committee struck to guide the TEK Study.
 - (b) Maintain documentation of the TEK it collects and shares with Detour.

- (c) Determine what TEK provided to Detour may be made available to the public pursuant to the provisions of this Agreement.
4. All TEK provided to Detour which is to be held confidential by Detour (where section 5 of this Agreement does not apply), shall be returned to WFN or, at WFN's option, destroyed and its destruction certified, immediately upon WFN's written request. Detour shall otherwise promptly return or destroy such TEK upon completion of the environmental assessments and permitting related to the Project and shall not use such information thereafter in any way without consent.
 5. This Agreement does not apply to information which:
 - (a) Detour is legally required by law or by a governmental or court decree, order, regulation or rule or by any legal process to disclose and, in such case, Detour will immediately provide notice to WFN of such a requirement and assist WFN, if required, in defending against disclosure of such information;
 - (b) is generally available to persons engaged in the mining industry and related sectors at the time it is acquired by Detour or thereafter;
 - (c) is made known to Detour by a third party which did not, to the knowledge of Detour, have an obligation of confidentiality to WFN;
 - (d) after it is made known to Detour, becomes generally known or available to persons engaged in the mining and related sectors through no fault of Detour;
 - (e) was in Detour's possession prior to the date of disclosure by WFN;
 - (f) the Parties agree does not have to be confidential and may be disclosed to third parties; or
 - (g) WFN is required to disclose to the Ontario or federal government, as at the time of and after such disclosure.
 6. Detour acknowledges that a breach of any of the promises and covenants set forth herein shall have a material and adverse effect upon WFN and that damages arising from said breach may be difficult to ascertain. Consequently, Detour hereby consents to an injunction being issued against it which would restrain it from any further breach of the covenants contained in this Agreement.
 7. In this Agreement, words importing the singular number include the plural and vice versa.
 8. This Agreement shall be construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.
 9. If any term or provision of this Agreement or the application thereof to any Party or circumstance shall to any extent be found to be invalid or unenforceable, the remainder of this Agreement or the application of such term or provision to a Party through circumstances other than those as to which it is held invalid and unenforceable shall not be affected thereby to the extent possible.

10. Any condoning, excusing or overlooking by any Party of any default, breach or non-observance by any other Party at any time or times in respect of any covenant, proviso or condition herein contained shall not (any law, statutory or otherwise to the contrary notwithstanding) operate as a waiver of such Party's rights hereunder in respect of any continuing or subsequent default.
11. No changes, amendments or modifications of any of the terms or conditions of this Agreement shall be valid unless made by an instrument in writing signed by all Parties.
12. This Agreement may be executed in one or more counterparts, each of which shall be deemed an original and all of which, taken together, shall be deemed to constitute on and the same instrument.
13. This Agreement is binding on the Parties' successors and assigns. Detour shall ensure that any party that acquires any of Detour's rights or interests in respect of the Project is likewise bound by this Agreement.
14. This Agreement remains in force for as long as the Project exists, and Detour remains thereafter forever obligated to hold confidential all TEK that is determined to be confidential pursuant to the provisions of this Agreement.

WAHGOSHIG FIRST NATION

Per: _____
Name:
Title: Chief, Wahgoshig First Nation

DETOUR GOLD CORPORATION

Per: _____
Name:
Title:

DOCUMENT INFO

Name: 173 Roc 09-09-14 Email - Ttn Tek Update.tif
Size: 35KB (35,669 bytes)
Modified: Tuesday, Oct 05, 2010 12:53:30 PM

DOCUMENT INFO

From: Burgess, Caroline M
Sent: Tuesday, September 15, 2009 7:51 AM
To: Warren, Meryl
Subject: FW: Detour TEK project update

For SIIMS

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

From: Simms, David
Sent: Monday, September 14, 2009 8:16 PM
To: Jennifer Simard; Burgess, Caroline M; 'peter archibald'; 'Nancy Wood'
Cc: 'Derek Teevan'; Daniel, Sheila E; rross@vianet.ca
Subject: RE: Detour TEK project update

Thanks Jennifer

From: Jennifer Simard [mailto:jsimard@merc.ontera.net]
Sent: Monday, September 14, 2009 5:54 PM
To: Burgess, Caroline M; 'peter archibald'; 'Nancy Wood'
Cc: 'Derek Teevan'; Daniel, Sheila E; Simms, David; rross@vianet.ca
Subject: Detour TEK project update

Good Afternoon All-

Please find attached project status snapshot and the final questionnaire.

Jennifer Simard
Executive Director
Mushkegowuk Environmental Research Centre
36 Birch Street South
Timmins, ON P4N 2A5
ph: 705.268.1123
fax: 705.268.3282
jsimard@merc.ontera.net

There is no way to quantify a way of life, only a way to live it.

Winona LaDuke

DOCUMENT INFO

Name: 175 Roc 09-09-23 Conference Call - Ttn Tek Steering
Committe.tif

Size: 34KB (33,978 bytes)

Modified: Tuesday, Oct 05, 2010 12:53:32 PM

DOCUMENT INFO

From: Burgess, Caroline M
Sent: Wednesday, September 23, 2009 9:01 AM
To: Warren, Meryl
Subject: FW:

For SIIMS - Just an ROC stating that as follow up to this email, the TTN Steering Committee is convening a conference call to discuss options this afternoon at 2 p.m. Thanks !

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

From: peter archibald [mailto:peter_archibald@hotmail.com]
Sent: Tuesday, September 22, 2009 1:30 PM
To: jennifer simard; Nancy Wood; Burgess, Caroline M
Subject:

Hello All

just went to see john archibald about his interview contract and advise me that he quit in frustration,he said that he'd make up the schedules for the interviews and the people he had plan to interview wouldn't show up or had other things to do. So when another job opportunity presented itself he took it.further he suggested that we find someone else to complete the job

Peter Archibald

Click less, mail more: Hotmail on the new [MSN homepage!](#)

DOCUMENT INFO

Name: 176 Roc 09-09-24 Email - Ttn Power Individual Ea.tif
Size: 41KB (41,976 bytes)
Modified: Tuesday, Oct 05, 2010 01:37:52 PM

DOCUMENT INFO

From: Burgess, Caroline M
Sent: Thursday, September 24, 2009 3:01 PM
To: Warren, Meryl
Subject: FW: Detour - Notice of Commencement ToR - October 1 Wawatay Paper
Attachments: DLP Trans Notice of Commencement of ToR FINAL Sept 21 09.doc; Notice_Map-Detour.jpg

For SIIMS

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

From: Derek Teevan [mailto:DTeevan@detourgold.com]
Sent: Thursday, September 24, 2009 1:53 PM
To: peter archibald
Cc: Wayne Ross; shartwig@mcleod-wood.com; Merv McLeod; Burgess, Caroline M
Subject: FW: Detour - Notice of Commencement ToR - October 1 Wawatay Paper

Dear Peter:

Attached please find some information that will be mailed to Chief Sutherland today. This material relates to the development of a scope of work for the environmental assessment of the 230kv transmission line. The process is to consult on the draft scope, complete the Individual Environmental Assessment (consultation also included) prior to commencing construction. It is our hope that this material will be posted in both the reserve and it will be in public areas in the Town of Moosonee.

As well, the Ontario Energy Board (OEB) examines the proposed project to ensure that there will be no impact on other electricity users. I anticipated that the OEB will be engaged by Q2 2010.

The transmission line was part of the Project description forwarded in early July and part of the community presentation last fall. I would be happy to come back to the community to discuss this specifically. As you know, the Stage 1 and Stage 2 archeological study and the TK work will also look at this corridor.

If you have any questions please feel free to contact me.

Derek Teevan
V.P. Aboriginal and Government Affairs
Detour Gold
Royal Bank Plaza, North Tower
200 Bay St, Suite 2040 Box #23
Toronto, ON, M5J2J1

DOCUMENT INFO

Name: Attach 1 Dlp Trans Notice Of Commencement Of Tor
Final Sept 21 09.tif

Size: 87KB (88,715 bytes)

Modified: Tuesday, Oct 05, 2010 01:37:59 PM

DOCUMENT INFO

Notice of Commencement of Terms of Reference

Detour Lake Permanent Power Project Detour Gold Canada Corporation

The Detour Gold Corporation has initiated a study under the *Environmental Assessment Act* to install a transmission line to provide power to support the construction and operation of the Detour Lake Project. The Detour Lake Project is a proposed open pit gold mine with related processing facilities and infrastructure, to be developed northeast of Cochrane, Ontario at the location of a previously operating mine. The Project is anticipated to be a significant contributor to the local economy. Consultation on the Detour Lake Project was initiated in 2007.

The Process

This study will be carried out in accordance with the requirements of the *Environmental Assessment Act*. The first step in the process is the preparation of a Terms of Reference. A draft Terms of Reference has been prepared for public comment and sets out the proponent's framework and work plan for addressing the *Environmental Assessment Act* requirements when preparing the environmental assessment, including such things as the public consultation activities that will be carried out. A final Terms of Reference will also be issued for public comment, taking into account the comments received on the draft. If approved by the Minister, the final Terms of Reference will provide the framework and requirements for the preparation of the environmental assessment.

This Environmental Assessment process for approval of the main power supply is one of several environmental assessment processes required to be completed for the Detour Lake Project to be approved. While these are separate approvals for different components of the mine development, Detour Gold Corporation will coordinate public consultation opportunities wherever possible.

Consultation

Members of the public, agencies and other interested persons are encouraged to actively participate in the planning process by attending consultation opportunities or contacting staff directly with comments or questions. Consultation opportunities are proposed throughout the planning process, including this opportunity to provide comments on the draft Terms of Reference, and all consultation events will be advertised in Cochrane and the local First Nation Reserves.

You may inspect the draft Terms of Reference during normal business hours at the following locations:

Ministry of Natural Resources
2 Third Avenue
Cochrane, ON P0L 1C0
705-272-4365

Moosonee Municipal Office
5 First Street
Moosonee, ON P0L 1Y0
705-336-2993

Ministry of the Environment
Timmins District Office, Hwy 101 East
South Porcupine, ON P0N 1H0
705-235-1500 / 1-800-380-6615

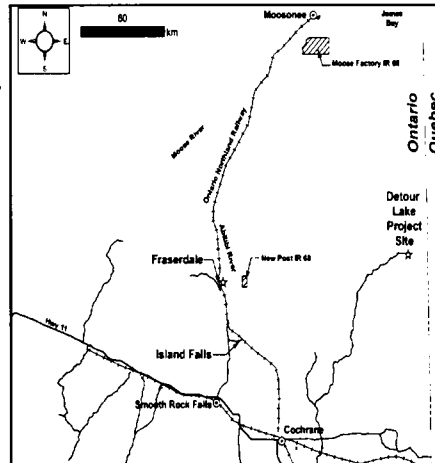
Ministry of the Environment
Environmental Assessment & Approvals Branch
2 St. Clair Avenue West, Floor 12A
Toronto, ON M4V 1L5
416-314-8001 / 1-800-461-6290

Min. of Northern Development, Mines and Forestry
33 Ambbridge Drive
Iroquois Falls, ON P0K 1G0
705-232-4660

Smooth Rock Falls Municipal Office
142 First Avenue
Smooth Rock Falls, ON P0L 1B0
705-338-2717

Timmins Public Library
320 Second Avenue
Timmins, ON P4N 8A4
705-360-2623

Detour Gold Corporation
Royal Bank Plaza, North Tower
200 Bay St, Suite 2040
Toronto, ON M5J 2J1
416-304-0800



Alternatively, the draft Terms of Reference is available at local band offices.

Your written comments about the draft Terms of Reference must be received by **November 2, 2009**. All comments and any questions about the project should be directed to:

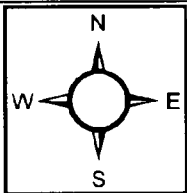
Derek Teevan, Vice President Aboriginal and Government Affairs
Detour Gold Corporation
Royal Bank Plaza, North Tower
200 Bay St, Suite 2040 Box 23
Toronto, ON M5J 2J1
Tel: (416) 304-0800
Fax: (416) 304-0184
E-mail: dteevan@detourgold.com

Under the *Freedom of Information and Protection of Privacy Act* and the *Environmental Assessment Act*, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in a submission will become part of the public record files for this matter and will be released, if requested, to any person.

DOCUMENT INFO

Name: Attach 2 Notice_map-detour.tif
Size: 16KB (15,882 bytes)
Modified: Tuesday, Oct 05, 2010 01:38:01 PM

DOCUMENT INFO



60 km

Moosonee

James Bay



Moose Factory IR 68

Ontario

Quebec

Moose River

Ontario Northland Railway

Abitibi River

Fraserdale

New Post IR 69

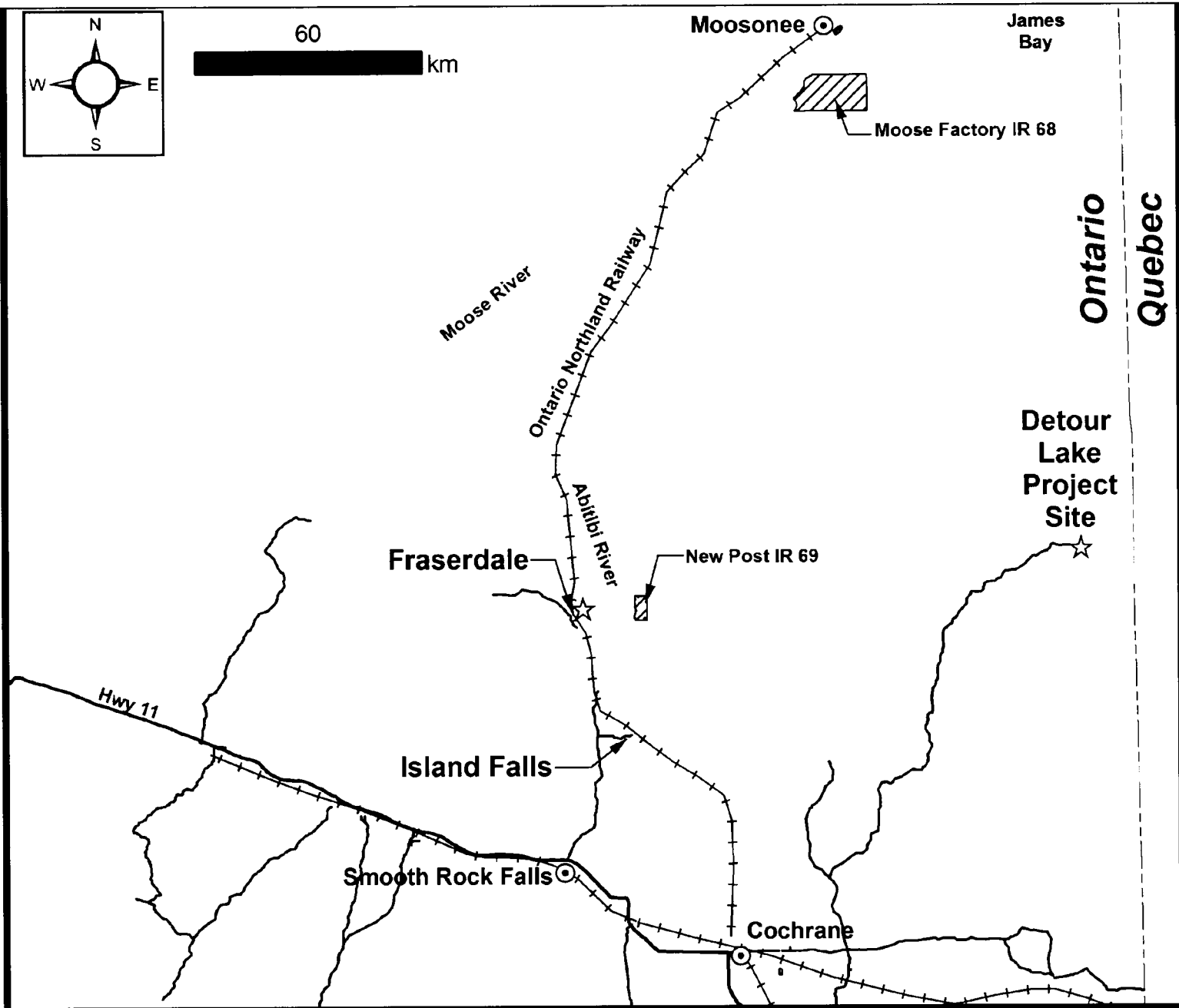
Detour Lake Project Site

Hwy 11

Island Falls

Smooth Rock Falls

Cochrane



DOCUMENT INFO

Name: 187 Roc 09-10-05 Invoice Archeaology Tek.tif
Size: 50KB (51,072 bytes)
Modified: Tuesday, Oct 05, 2010 12:53:35 PM

DOCUMENT INFO

From: Burgess, Caroline M
Sent: Tuesday, October 06, 2009 8:57 AM
To: Warren, Meryl
Subject: FW: Invoice & Archeology & TEK

for SIIMS

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

From: Derek Teevan [mailto:DTeevan@detourgold.com]
Sent: Monday, October 05, 2009 12:44 PM
To: Burgess, Caroline M
Subject: FW: Invoice & Archeology & TEK

Caroline – for the file.
d

From: Derek Teevan
Sent: October 5, 2009 12:36 PM
To: Ernest Rickard (rickardew@live.ca)
Cc: John Turner; Norm Hardisty Jr; 'Colin Jesse Salter'; Brian Davey; 'Martin Bayer'
Subject: Invoice & Archeology & TEK

Good afternoon Ernest:
Just to follow up on a few things from our meeting of a week or so ago:

Invoice – as per my previous email, could you please have the community's finance team prepare an invoice for \$100,000 and include the relevant electronic banking information. As per the MOU and budget these funds represent an advance payment against future negotiation costs.

Could we please follow up on the **Archaeology and TK** work to be conducted? As I understand it, Taykwa Tagamou will take MCFN's lead in identifying an archaeologist – Peter Archibald was to call you to provide you with that message. Further, John Pollock is in the field and if he is to be MCFN's archaeologist, he will have to plan his work now to be completed before there is snow on the ground.

As per the Record of discussion I have asked AMEC to prepare the required background materials to meet with Moose Cree's appointed Environmental support for as soon as they have been identified.

When would you like the background material for the community newsletter?
For your information we have been asked to come to New Post on Nov 30th and Moosonee on Dec 1st for a TTN community meeting. I recognize that you've stated clearly that MCFN will be responsible for communications with in

the community. Of course we would be happy to coordinate any of the following with Moose Cree: Chief and Council meeting, public meeting, technical meeting with the Band employees.

Best regards
Derek

DOCUMENT INFO

Name: 194 Roc 09-09-29 Email - Draft Tor To Wfn.tif
Size: 123KB (125,778 bytes)
Modified: Tuesday, Oct 05, 2010 12:53:39 PM

DOCUMENT INFO

From: Burgess, Caroline M
Sent: Tuesday, September 29, 2009 2:50 PM
To: Warren, Meryl
Subject: FW: FW: Detour - Notice of Commencement ToR - October 1 Wawatay Paper

I might have sent this to you already? Apologies if I did - just cleaning things up. C

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

From: Daniel, Sheila E
Sent: Tuesday, September 29, 2009 10:59 AM
To: Burgess, Caroline M
Cc: Pak, Margaret
Subject: FW: FW: Detour - Notice of Commencement ToR - October 1 Wawatay Paper

Margaret - can you print and keep a file for me please.

Sheila E. Daniel, M.Sc., P.Geo.
Head, Environmental Management
Associate Geoscientist
AMEC Americas

Dir. Tel.: 905-568-1917 ext. 4123
Cell: 416-524-5928

World Skills on Your Doorstep: www.amec.com

From: Derek Teevan [mailto:DTeevan@detourgold.com]
Sent: Tuesday, September 29, 2009 10:53 AM
To: mary boyden
Cc: Maurice J Kistabish; Gerry Kerr; Madeline Chokomolin; Edward Black; Cheryl Tremblay; Tess Matthews; Elizabeth Babin; Daniel, Sheila E; Simms, David
Subject: RE: FW: Detour - Notice of Commencement ToR - October 1 Wawatay Paper

Mary: thanks for your note. I'm pleased that we can start our discussions with the Wahgoshig Environmental Committee (WEC). At this stage of the Individual Environmental Assessment all that is required is a quick review by the committee and technical expert if required to ensure that areas of interest to the community are captured in the Terms of Reference. For example, archeological and traditional knowledge work will be undertaken in cooperation with Wahgoshig. The technical material is pulled together and another round of consultation commences.

I would be happy to meet with the WEC and WFN's appointed environmental technical support to review Detour's understanding of the provincial individual environmental assessment approach and how to best consult with and accommodate WFN.

Please feel free to give me a shout.

Derek Teevan
V.P. Aboriginal and Government Affairs
Detour Gold
Royal Bank Plaza, North Tower
200 Bay St, Suite 2040 Box #23
Toronto, ON, M5J2J1

office: 416.304.0800
fax: 416.304.0184
cell: 416.278.2851

dteevan@detourgold.com

From: mary boyden [mailto:mary.boyden@gmail.com]
Sent: September 25, 2009 2:14 PM
To: Derek Teevan
Cc: Maurice J Kistabish; Gerry Kerr; Madeline Chokomolin; Edward Black; Cheryl Tremblay; Tess Matthews; Elizabeth Babin
Subject: Re: FW: Detour - Notice of Commencement ToR - October 1 Wawatay Paper

Hi Derek,

The attached information was forwarded to me by Maurice for the information of the Wahgoshig Environmental Committee (WEC). At this time, WEC has the responsibility to review EA's that are presented to the community. As part of their capacity development process, the committee chooses expertise to guide them through the evaluation and consideration of all EA's.

At this time, I am inquiring about the options available to the committee to gather the independent advice they require to properly review the EA currently on the table.

I look forward to your response,

Mary

On Fri, Sep 25, 2009 at 10:21 AM, Maurice J Kistabish <wfribacoordinator@gmail.com> wrote:

----- Forwarded message -----

From: **Derek Teevan** <DTeevan@detourgold.com>
Date: Thu, Sep 24, 2009 at 1:50 PM
Subject: FW: Detour - Notice of Commencement ToR - October 1 Wawatay Paper
To: Maurice J Kistabish <wfribacoordinator@gmail.com>, Gerry Kerr <gkerr@chignectogroup.com>

Maurice and Gerry:

Attached please find some information that will be mailed to Chief Babin today. This material relates to the development of a scope of work for the environmental assessment of the 230kv transmission line. The process is to consult on the draft scope, complete the Individual Environmental Assessment (consultation also included) prior to commencing construction.

As well, the Ontario Energy Board (OEB) examines the proposed project to ensure that there will be no impact on other electricity users. I anticipated that the OEB will be engaged by Q2 2010.

The transmission line was part of the Project description presented to Wahgoshig during our community meeting early this summer. I would be happy to come back to the community to discuss this specifically. As you know, the Stage 1 and Stage 2 archeological study and the TK work will also look at this corridor.

If you have any questions please feel free to contact me.

Derek Teevan

V.P. Aboriginal and Government Affairs

Detour Gold

Royal Bank Plaza, North Tower

200 Bay St, Suite 2040 Box #23

Toronto, ON, M5J2J1

office: 416.304.0800

fax: 416.304.0184

cell: 416.278.2851

dteevan@detourgold.com

--

Maurice J. Kistabish
Wahgoshig First Nation
IBAs Coordinator and IBAs Lead Negotiator
R.R.#3
Wahgoshig (Matheson) Ont
POK 1NO
ph: 705-273-2055
wfnibacoordinator@gmail.com

This e-mail message and any attachments may be privileged, confidential and subject to copyright. Any unauthorized review, copying, transmittal, use or disclosure is prohibited. If you are not the intended recipient you have received this message in error. Please immediately notify us by reply or collect telephone call to (705) 232-8345 and destroy this message and any attachments.

DOCUMENT INFO

Name: 197 Roc 09-11-09 Email - Ttn Tek.tif
Size: 78KB (79,523 bytes)
Modified: Tuesday, Oct 05, 2010 12:53:42 PM

DOCUMENT INFO

From: Burgess, Caroline M
Sent: Tuesday, November 10, 2009 2:05 PM
To: Warren, Meryl
Subject: FW: TEK Study Photos?

FYI and for SIIMS.

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

From: Derek Teevan [mailto:DTeevan@detourgold.com]
Sent: Monday, November 09, 2009 10:57 AM
To: Burgess, Caroline M; Jennifer Simard; RoseAnn Ross
Subject: RE: TEK Study Photos?

Caroline:

We have confirmed the TTN meetings for Nov 30 in Moosonee and Dec1st New Post reserve.

Derek

From: Burgess, Caroline M [mailto:Caroline.Burgess@amec.com]
Sent: November 4, 2009 8:30 AM
To: Jennifer Simard; RoseAnn Ross
Cc: Derek Teevan
Subject: RE: TEK Study Photos?

Thanks Jennifer. An update on the status of the TEK work would be wonderful in the next few days if possible.

Derek is arranging community meetings to introduce the project. My understanding is that they will be later this month and early December. I'll let you know when we have some more definitive dates.

Talk to you soon,

Caroline

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

From: Jennifer Simard [mailto:jsimard@merc.ontera.net]
Sent: Tuesday, November 03, 2009 1:27 PM
To: Burgess, Caroline M; 'RoseAnn Ross'
Cc: 'Derek Teevan'
Subject: RE: TEK Study Photos?

Hi Caroline-

We do not have TEK study photos at this point in time.

Can I ask which community presentation?

Jennifer Simard
Executive Director
Mushkegowuk Environmental Research Centre
36 Birch Street South
Timmins, ON P4N 2A5
ph: 705.268.1123
fax: 705.268.3282
jsimard@merc.ontera.net

There is no way to quantify a way of life, only a way to live it.

Winona LaDuke

From: Burgess, Caroline M [mailto:Caroline.Burgess@amec.com]
Sent: Wednesday, October 28, 2009 10:30 AM
To: Jennifer Simard; RoseAnn Ross
Cc: Derek Teevan
Subject: TEK Study Photos?

Good morning Ladies,

We are putting together some information and display materials for Detour to use for community presentations. Do you have any photos we can use of the TEK study work undertaken to date that we could use?

Thanks for your help!
Caroline

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

The information contained in this e-mail is intended only for the individual or entity to whom it is addressed. Its contents (including any attachments) may contain confidential and/or privileged information. If you are not an intended recipient you must not use, disclose, disseminate, copy or print its contents.

If you receive this e-mail in error, please notify the sender by reply e-mail and delete and destroy the message.

DOCUMENT INFO

Name: 2010-06-18 Detour Gold - Mno Concerns - Final.tif
Size: 2,135KB (2,185,242 bytes)
Modified: Tuesday, Oct 05, 2010 12:13:46 PM

DOCUMENT INFO

Detour Gold – Detour Lake Project
MNO Issues & Concerns
Initial Comments – PRIMA FACIE

The following summarizes concerns, questions and recommendations from the staff of the Métis Nation of Ontario's (MNO) Lands, Resources & Consultations branch with respect to the environmental effects of the Detour Gold – Detour Lake Project (the "Project").

This report is based on the MNO's rights assertions in and around the Project, a review of the documentation provided by Detour Gold on the Project to date, the issues and concerns raised by MNO citizens and the Consultation Committee throughout ongoing engagement and discussions between MNO and its citizens living in the James Bay/Abitibi/Temiskaming traditional territory with respect to the Project.

This report has been developed to ensure that Detour Gold and the Province of Ontario are aware of the MNO's specific issues and concerns. Through this document the MNO is fulfilling its responsibility to ensure its rights and interests are understood. It also provides recommendations on how the MNO, the Province of Ontario, and Detour Gold can work together to address these issues and concerns.

Section 1: Environmental Screening Report - Specific Concerns

Detour Gold has provided MNO with copies of the Draft Environmental Screening Report (ESR) for the Detour Gold Mine project for review by MNO staff of the Lands, Resources and Consultations branch. The following are comments from their review:

1.1.1

Section 1.3 states:

"There are no Provincial Parks, Conservation Reserves, Areas of Natural and Scientific Interest (ANSI), Provincially Significant Wetlands (PSW), Forest Reserves, or other provincially protected lands within the proposed DLP site development area; nor are there any federal lands of any type in the proposed development area or its surroundings. The planned transmission line ROW to Island Falls and Pinard, however, passes through the Little Abitibi Provincial Park, the North of the North French River Conservation Reserve, and the Fraserdale Wetland Complex."

Comment:

Many important environmental areas across the province have not yet been determined to be "Provincially Significant Wetlands" (PSW) or "Areas of Natural and Scientific Interest" (ANSI) as provincial authorities have not yet had the opportunity to investigate and designate them as such. Therefore, if an area is not designated as a PSW or ANSI,



Detour Gold – Detour Lake Project
MNO Issues & Concerns
Initial Comments – PRIMA FACIE

that does not mean that the areas are not significant.

Question:

Do any of the lands within the proposed DLP site development area or its surroundings have the potential to be considered as PSW's or ANSI's in the future? Have all areas already been assessed by the appropriate Ministries and determined not to be significant?

1.1.2

Section 1.7 states:

"For the purpose of the Traditional Knowledge (TK) data collection and assessments, the study area boundaries have been defined to include a block of land around the DLP site area, centred on local watersheds, as per natural environment effects, together with bands of territory following along the proposed 230 kV transmission line corridor, and the existing mine access road (i.e.: the Highway 652 and DLP all-season access road corridor). The mine access road corridor is included because of the potential for spills of fuel and other materials being shipped to site, as well as road accidents, as part of the accidents and malfunctions assessment."

Comment:

This approach is limiting in scope and unacceptable. The Métis way of life is based on traditional activities which take place across large regions of land. A project such as this will have the potential for impacts that are far more regional in scope, such as the disruption of migratory patterns for species of interest to the Métis. These species may or may not be found within the blocks of land that Detour proposes as the reference area for the TK studies, but they may still be influenced directly or indirectly by the activities associated with this project. An example of this from Detour's ESR work is the irregularity in Woodland Caribou use of the lands in and around the DLP site. The species' use on the land appears to vary dramatically from year to year, but there is no investigation into what may be causing those irregularities. It is possible that there could be other habitat disruptions occurring out of the study area that are causing effects within the study area. If more research was completed on cumulative effects of projects across the broader region, Detour may be better able to accurately assess the fluctuations in Woodland Caribou activity. Similarly, if the TK study area boundaries were more regional in scope, the information may help determine the regional effects of the Detour project, and the potential for cumulative effects on the Métis way of life. Therefore, the study area boundaries for the TK data collection must be broadened to be more regional in scope.



Detour Gold – Detour Lake Project
MNO Issues & Concerns
Initial Comments – PRIMA FACIE

1.1.3

Sections 2 and 3 focus on the overburden, de-watering, waste rock, tailings, etc. The following are questions pertaining to those sections:

1. What will the effects of the overburden stripping be on the biodiversity of the site while it is being stockpiled?
2. During de-watering of the existing pit, how and when will the water discharge be tested and will the PWQO guidelines be used?
3. Will any of the water discharging to East Lake at any time exceed PWQO guidelines?
4. Ammonia, hydrocarbons and heavy metals will all be present in the year-round dewatering. Will all of the discharge go to TMA storage? For how long? Is this facility capable of handling all of the necessary discharge?
5. There will be approximately 60,000-70,000 tonnes of sulphides removed from the existing pit which will go into the tailings pond and either buried or covered by water. What will happen if the water level drops? What will happen if there is erosion? What is the leaching potential? What is the management plan to handle these possibilities?
6. The existing tailings have been found to be acid generating. What will be done to deal with these tailings?
7. The new tailings are expected to have much less potential for acid generation based on tests. If these tests are inaccurate, what measures will be taken to prevent acid generation?
8. If the waste rock is found to have the potential for ARD, are the waste rock pads positioned in areas to enable runoff to be diverted to the treatment facilities to avoid negative impacts to the watershed?
9. The mill effluent sludge is predicted to contain cyanide, lime and heavy metals. Will the SO₂ air processes to recycle the cyanide catch the majority of it leaving the plant? How long will the sludge have to be in the tailings area for the remaining cyanide and heavy metals to settle or break down?
10. Will all of the water leaving the site be intercepted and recycled for other DLP site uses? If not, how much will flow into East Lake and subsequently out of East Lake into the watershed?
11. How much water can the polishing pond hold and will it be able to accept all runoff and allow sufficient time for the water quality at the East Lake dam to meet PWQO standards? How long would that take?
12. Can the site runoff be managed passively even during closure and even under high flow events?



Detour Gold – Detour Lake Project
MNO Issues & Concerns
Initial Comments – PRIMA FACIE

13. Will the pit and tailings have to be submerged to avoid acid generation, leaching and oxidization of the tailings? What would happen in the event of a drought?

1.1.4

Section 4.2.1 states:

“Preliminary agreements are now in place with Aboriginal people and Detour Gold will continue to negotiate Impact Benefit Agreements with the three First Nations that have self identified as to having interests and potentially effected Aboriginal rights; namely the Moose Cree First Nation (MCFN), Taykwa Tagamou Nation (TTN) and the Wahgoshig First Nation (WFN). In this first phase, engagement with these groups on the collection of Traditional Knowledge was also initiated and will continue into subsequent phases of engagement and consultation. Detour Gold is also currently pursuing agreements and participation of the Métis.”

Comment:

This statement makes it seem as though the Métis community is an after thought to Detour and not equal to the First Nations. This phrasing is continued throughout the ESR and is unacceptable.

1.1.5

Section 4.3 states:

“Aboriginal consultation is considered paramount to ensure that Aboriginal and Treaty rights are considered and protected or accommodated throughout the life of the Project. Based on knowledge of the Project and baseline data, and by their own assertion, Detour has identified the following three primarily affected First Nations with overlapping interest in the areas affected by the Project:

- MCFN
- TTN and
- WFN

The MCFN and the TTN are associated with the Mushkegowuk Tribal Council, a political collective of Cree communities within Mushkegowuk territory. Detour Gold also engages the Tribal Council if requested by the First Nations.

Detour also engaged the Métis Nation of Ontario (MNO) to identify interests and appropriate consultation protocols. There is one Métis regional council and two Métis community councils that also have overlapping interest in the Project area, namely the:



Detour Gold – Detour Lake Project
MNO Issues & Concerns
Initial Comments – PRIMA FACIE

- Region 3: James Bay Abitibi-Temiskamingue Regional Council;
- Timmins Métis Council; and
- Northern Lights Métis Council"

Comment:

There is no "regional council". There are four Métis community councils with Charters with the MNO. They include: Timmins Métis Council, Northern Lights Métis Council (Cochrane), Temiskaming Métis Council, and Chapleau Métis Council. Those Councils have signed a Consultation Protocol Agreement which created the James Bay/ Abitibi/ Temiskaming Regional Consultation Protocol Committee, which is mandated to represent the regional rights-bearing Métis community in consultation matters. The Committee is made up of representatives from each of the four Councils, the Captain of the Hunt for the region (ex-officio) and is Chaired by the Regional Councillor.

1.1.6

Section 5.1.1 outlines the dates when surveys were conducted. In summary:
Large mammal aerial surveys were conducted in March 2008, March 2009, January 2010, and March 2010. ROW was flown along the center line and up to 500m on either side. Breeding bird surveys conducted May 25 to 30 and June 8 to 14, 2008. Owl surveys conducted May 25 to 30 and June 8 to 14, 2008. Amphibian surveys conducted May 25 to 30 and June 8 to 14, 2008.

Comment:

With the exception of the aerial surveys, most surveys were only conducted over a two week period during a single year. This is insufficient for predicting impacts to species for a project that will involve 2 years of construction and 15 to 18 years of operation. Since the project will be operational 24 hours a day, year round for so many years it is important to have long term studies in and around the site to determine what effect the mine will have on the species of interest. Many species have migration patterns that are irregular, seasonal or could take multiple years to return to a specific site; due to this irregularity having surveys done only in one season for a few weeks can not adequately prove the absence of species of interest at the detour site.

1.1.7

Section 5.1.2 states:

"The Project site is located within and/or near the overlapping traditional territories of the Moose Cree First Nation (MCFN), Taykwa Tagamou (New



Detour Gold – Detour Lake Project
MNO Issues & Concerns
Initial Comments – PRIMA FACIE

Post) Nation (TTN), and the Wahgoshig First Nation (WFN). The Métis communities in the region include the Northern Lights Métis Council, based in Cochrane, and the Timmins Métis Council, based in Timmins.”

Comment:

This statement makes it seem as though the Métis traditional harvesting area across the James Bay/ Abitibi/ Temiskaming region is not recognized as an “overlapping traditional territory”. The Métis traditional harvesting area has been recognized by the Ministry of Natural Resources through a Harvesting Agreement. To be clear, the rights-bearing Métis can exercise their Aboriginal right to harvest for food in their traditional territories the same way that First Nation people can harvest in their own territories.

1.1.8

Section 5.1.3 states:

“TK studies related to the DLP were undertaken separately by (or on behalf of) the Moose Cree, Taykwa Tagamou, and Wahgoshig First Nations, with financial support and overall coordination provided by Detour Gold and its representatives. TK studies were also undertaken by (or on behalf of) the Metis Nation of Ontario (MNO) to ensure a measure of consistency across the different TK studies, a Request for Proposal (RFP) was provided to each of the Aboriginal groups outlining the expected framework of the TK studies.”

Question:

What is meant by “or on behalf of”?

1.1.9

Section 5.4.1 includes environmental study information pertaining to aquatic and terrestrial environmental effects.

Questions:

What are the cumulative long term effects of the heavy metals, acidification, hydrocarbons, cyanide and ammonia on the aquatic and terrestrial life?

How will the cumulative effects of all the activities in the area related to a project of this size affect migration routes and species diversity?

What effects will there be to the aquatic and terrestrial life from the long term exposure



Detour Gold – Detour Lake Project
MNO Issues & Concerns
Initial Comments – PRIMA FACIE

to the chemicals, heavy metals and possible changes in PH that have been associated with mines. What are the potential effects of exposure (through, for example bioaccumulation of substances in plant, animal and/or fish tissues) on the local Métis community who consume the local plants, animals, and fish as part of their traditional way of life? What long term effects would exposure to chemicals and heavy metals have on the community's health and well being? What long term effects would the inability to consume a contaminated plant, animal or plant species for food and/or medicinal purposes have on the community's health and well being?

What is the likelihood that hauling trucks, materials and supplies might carry invasive species? How would an invasive species compete and affect the remote environment around the Detour Mine site?

What contingency plans are in place to protect aquatic and terrestrial life from possible spills, leaching or the cumulative effects of the mine site? How would Detour gold react in the event of major spill or environmental issues associated with the mine workings? What insurance will Detour have to ensure site remediation in the case of company failure (insolvency) or large scale contamination due to a system failure?

1.2.1

Section 5.4.1 includes environmental study information pertaining to aquatic and terrestrial environmental effects.

"The open pit has flooded since decommissioning and currently overflows to Karel Creek through a steep, non-engineered spillway on the east side of the pit. Periodically, beaver activity results in backwater conditions which have allowed the pit to become colonized by several fish species, including Northern Pike, Yellow Perch, Mottled Sculpin, Iowa Darter, Burbot and White Sucker, albeit in relatively low abundance."

"Easter Creek is highly influenced by beaver activity... An active beaver impoundment at the Easter Creek inlet to Easter Lake has resulted in flooding and the open water impoundment supported abundant in-stream vegetation which may provide habitat for Northern Pike spawning."

"Easter Lake... The lake inlet flows through a dense floating bed of shrub and grasses and is influenced by an upstream beaver dam. The outlet is also influenced by beaver activity."



Detour Gold – Detour Lake Project
MNO Issues & Concerns
Initial Comments – PRIMA FACIE

Question:

What is the potential for beaver activity disrupting the mining activities, specifically the water taking and discharge activities?

What would the effects be if beaver activity disrupted the flow of the waterways within the DLP site and caused an overflow or leakage of the tailings pond?

What is the potential for beaver-influenced changes in surface water levels in the area to impact the remediated site in the late stages of the project lifecycle?

How will this be monitored?

1.2.2

Section 5.4.1 includes environmental study information pertaining to aquatic and terrestrial environmental effects.

“Caribou using the areas around Detour Mine have exhibited some level of variability in their distribution and abundance from 2008 to 2010. In 2010, a total of 38 animals were sighted, largely northeast and east of the mine during the aerial survey with group sizes ranging from 3 to 15 individuals. In 2008, 55 caribou were sighted and caribou were spotted largely northeast of the mine site with observed group sizes varying from 2 to 17 individuals. In 2009, however, no live individuals were observed, though two dead caribou were recorded, and the abundance and density of tracks observed across the study area was reduced.”

Question:

In 2009, caribou, moose and wolves were all noted as being less abundant. What is the biologist's explanation for this phenomena and what is the likely cause? Could this happen again? If so, why?

1.2.3

Section 5.4.1 includes environmental study information pertaining to aquatic and terrestrial environmental effects.



Detour Gold – Detour Lake Project
MNO Issues & Concerns
Initial Comments – PRIMA FACIE

“It should be noted that it is difficult to identify specific calving areas for Woodland Caribou as they have isolated calving area that are spread out across the landscape. However, in studies that have been carried out, it is generally recognized that female Caribou tend to exhibit site fidelity to calving sites; hence it is important to make sure that Project activities do not interfere with Caribou or their calving sites during this sensitive period of the year.”

Question:

Will any Woodland Caribou calving sites be disturbed by the DLP? What is Detour doing to ensure that no Woodland Caribou calving sites will be disturbed? How will this be monitored?

1.2.4

Section 5.4.1 includes environmental study information pertaining to aquatic and terrestrial environmental effects.

“...MNR has verbally expressed concern to AMEC on several occasions for the protection of over wintering habitats in the Sunday Lake area. Any proposed activities for Detour Gold Project must be assessed with respect to their potential impacts on Caribou and these associated over wintering habitats.”

Question:

What would the effects be on the Woodland Caribou if the over wintering habitats in the Sunday Lake area are disturbed? What is Detour doing to ensure that no Woodland Caribou over wintering habitats will be disturbed? How will this be monitored?

1.2.5

Section 6.10.2 states:

“Where pond losses are unavoidable, such as with the above described TMA Cell #2 muskeg pond...”

“The compensatory pond habitat would be developed in the winter of 2012 in advance of destruction of the TMA Cell #2 muskeg pond through infilling with tailings, which is scheduled to commence in 2014. [...] Like-for-like replacement of fish habitat provided by the newly developed muskeg pond is expected to be fully effective as a means of compensating for lost fish habitat.”



Detour Gold – Detour Lake Project
MNO Issues & Concerns
Initial Comments – PRIMA FACIE

Question:

Pond losses are not “unavoidable”. The loss of the muskeg pond in question is completely avoidable. It can reasonably be assumed that the proponent has chosen to pursue the option of destroying the lake because it is less expensive than constructing a tailings containment and treatment facility. Can the destruction of this lake be justified as a better option from an environmental perspective than a tailings containment and treatment facility? If so, please provide three (3) Canadian examples that have demonstrated that the destruction of a lake for the purposes of creating a tailings management area is better for the environment than the construction of a tailings containment and treatment facility.

The proponent is proposing to create an artificial lake to compensate for the destruction of the existing lake for the purposes of expanding their Tailings Management Area (TMA). Has this practice ever been proven to successfully compensate for the destruction of the naturally occurring lake? If so, please provide three (3) Canadian examples that have demonstrated that no-net-loss can truly be accomplished.

What ecological restoration plan has been developed to ensure that a sustainable, functioning ecosystem is established in the new pond? Further, at which site will the new pond be created, and what local impact will the new pond have on that site (i.e., What site will be destroyed to make way for a new pond?)

1.2.6

Section 6.10.3 states:

“Given the widespread occurrence of the muskeg ponds; the size and fisheries significance of the specific muskeg pond in TMA cell #2; and the fact that the pond habitat will be fully compensated with like-for-like habitat prior to its loss (in accordance with DFO policies regarding no net loss of the productive capacity of habitats); the effects to the muskeg pond in question are regarded as being not significant.”

Comment:

The destruction of a lake can not be regarded as being “not significant”. Regardless of the creation of an artificial lake, the unnecessary destruction of a naturally occurring, otherwise healthy, fish-bearing body of water is always significant. The creation of a functioning ecosystem in the new pond will take many years of ecological restoration and monitoring. Is there a restoration, monitoring, and management plan in place for this



Detour Gold – Detour Lake Project
MNO Issues & Concerns
Initial Comments – PRIMA FACIE

new water body? What is the approval process for such a construction? How will this new aquatic ecosystem integrate into the current landscape (e.g., existing waterways) so that it can provide the benefit suggested by Detour Gold?

Section 2: Métis Environmental Concerns – ESR-specific

- I. The scale of this project may weaken the natural systems and disturb wildlife species that depend on large, intact areas or require the specific habitats in this area to survive. The proposed use of this land may have impacts that significantly affect the area ecosystems:
 - a. What will the impacts to the soil be in the DLP site and surrounding area?
 - i. How will those impacts to the soil affect the ecological and biological systems of the surrounding plant life?
 - ii. How will those impacts to the soil affect the ecological and biological systems of the surrounding animal life?
 - iii. How will those impacts to the soil affect the ecological and biological systems of the surrounding avian life?
 - iv. How will those impacts to the soil affect the ecological and biological systems of the surrounding insect life?
 - v. How will those impacts to the soil affect the ecological and biological systems of the surrounding aquatic life?
 - vi. Soil in the areas surrounding the DLP site lacking stabilization after vegetation removal will have the potential to erode into the surrounding waterways, contributing to nutrient loading. What will be the impact on the surrounding waterways and downstream ecosystems?
 - vii. How will those impacts to the soil affect the Métis way of life?
 - b. What will the impacts to mosses and lichens be in the DLP site and surrounding area? How will the loss of populations of moss and lichen species in the DLP site and surrounding area affect other populations of the same species? Are metapopulation dynamics considered?
 - i. How will those impacts to the mosses and lichen affect the ecological and biological systems of the surrounding plant life?
 - ii. How will those impacts to the mosses and lichen affect the ecological and biological systems of the surrounding animal (especially Woodland Caribou) life?
 - iii. How will those impacts to the mosses and lichen affect the ecological and biological systems of the surrounding avian life?
 - iv. How will those impacts to the mosses and lichen affect the



Detour Gold – Detour Lake Project
MNO Issues & Concerns
Initial Comments – PRIMA FACIE

- ecological and biological systems of the surrounding insect life?
- v. How will those impacts to the mosses and lichen affect the ecological and biological systems of the surrounding aquatic life?
 - vi. How will those impacts to the mosses and lichen affect the Métis way of life?
- c. What will the impacts to shrubs (willow, alder, blueberry, red-osier dogwood, honeysuckle, etc.) be in the DLP site and surrounding area? Many shrubs will be riparian species habitat and will be lost during clearing and mining activities. Are these populations of shrubs locally adapted to the specific conditions around the existing DLP site?
- i. How will those impacts to shrubs affect the ecological and biological systems of the surrounding plant life? What are their roles in the vegetation communities in which they inhabit? Do the shrubs influence the soil conditions (e.g., contribute to nitrogen enrichment via root nodules) which in turn influences other plant life?
 - ii. How will those impacts to shrubs affect the ecological and biological systems of the surrounding animal life? Are they used for food, shelter, nesting, and reproduction (e.g., insect galls)?
 - iii. How will those impacts to shrubs affect the ecological and biological systems of the surrounding avian life? What is the role of the shrubs in providing habitat for birds (e.g., nesting, shelter, food through the production of seeds and berries)?
 - iv. How will those impacts to shrubs affect the ecological and biological systems of the surrounding insect life? Are they important for gall-forming insects or pollinators?
 - v. How will those impacts to shrubs affect the Métis way of life?
- d. What will the impacts to deciduous trees be in the DLP site and surrounding area?
- i. How will those impacts to the deciduous trees affect the ecological and biological systems of the surrounding plant life?
 - ii. How will those impacts to the deciduous trees affect the ecological and biological systems of the surrounding animal life?
 - iii. How will those impacts to the deciduous trees affect the ecological and biological systems of the surrounding avian life?
 - iv. How will those impacts to the deciduous trees affect the ecological and biological systems of the surrounding insect life?
 - v. How will those impacts to the deciduous trees affect the Métis way of life?
- e. What will the impacts to coniferous trees be in the DLP site and



Detour Gold – Detour Lake Project
MNO Issues & Concerns
Initial Comments – PRIMA FACIE

surrounding area?

- i. How will those impacts to the coniferous trees affect the ecological and biological systems of the surrounding plant life?
 - ii. How will those impacts to the coniferous trees affect the ecological and biological systems of the surrounding animal life?
 - iii. How will those impacts to the coniferous trees affect the ecological and biological systems of the surrounding avian life?
 - iv. How will those impacts to the coniferous trees affect the ecological and biological systems of the surrounding insect life?
 - v. How will those impacts to coniferous trees affect the Métis way of life?
- f. What will the impacts to wetlands (bogs, fens, marshes) be in the DLP site and surrounding area?
- i. How will those impacts to the wetlands affect the ecological and biological systems of the surrounding plant life? Do they serve as important source populations for other areas?
 - ii. How will those impacts to the wetlands affect the ecological and biological systems of the surrounding animal life? Are they used for feeding and cover?
 - iii. How will those impacts to the wetlands affect the ecological and biological systems of the surrounding avian life? Are they used for feeding and nesting?
 - iv. How will those impacts to the wetlands affect the ecological and biological systems of the surrounding insect life? Are they used as sources of food (pollinators), cover, and/or reproduction?
 - v. How will those impacts to the wetlands affect the ecological and biological systems of the surrounding aquatic life? Do they serve important roles in reducing run-off, soil erosion, water filtration, and nutrient loading?
 - vi. How will those impacts to the wetlands affect the Métis way of life?
- g. What will the impacts to insects be in the DLP site and surrounding area?
- i. How will those impacts to insects affect the ecological and biological systems of the surrounding plant life (loss of pollinators and decomposers)?
 - ii. How will those impacts to insects affect the ecological and biological systems of the surrounding animal life (loss of important food source)?
 - iii. How will those impacts to insects affect the ecological and biological systems of the surrounding aquatic life (loss of



Detour Gold – Detour Lake Project
MNO Issues & Concerns
Initial Comments – PRIMA FACIE

- important food source)?
- iv. How will those impacts to insects affect the ecological and biological systems of the surrounding avian life (loss of important food source)?
 - v. How will those impacts to insects affect the Métis way of life?
 - h. What will the impacts to avian life (birds and bats) be in the DLP site and surrounding area?
 - i. How will those impacts to avian life affect the ecological and biological systems of the surrounding plant life?
 - ii. How will those impacts to avian life affect the ecological and biological systems of the surrounding animal life?
 - iii. How will those impacts to avian life affect the ecological and biological systems of the surrounding aquatic life? For example, is there top-down control of some insect populations by avian insectivores?
 - iv. How will those impacts to avian life affect the ecological and biological systems of the surrounding insect life?
 - v. How will those impacts to avian life affect the Métis way of life?
 - i. What will the impacts to reptiles and amphibians be in the DLP site and surrounding area?
 - i. How will those impacts to reptiles and amphibians affect the ecological and biological systems of the surrounding plant life?
 - ii. How will those impacts to reptiles and amphibians affect the ecological and biological systems of the surrounding animal life?
 - iii. How will those impacts to reptiles and amphibians affect the ecological and biological systems of the surrounding aquatic life?
 - iv. How will those impacts to reptiles and amphibians affect the ecological and biological systems of the surrounding insect life?
 - v. How will those impacts to reptiles and amphibians affect the Métis way of life?
 - j. What will the impacts to mammalian herbivores be in the DLP site and surrounding area?
 - i. How will those impacts to mammalian herbivores affect the ecological and biological systems of the surrounding plant life?
 - ii. How will those impacts to mammalian herbivores affect the ecological and biological systems of the surrounding mammalian predator life?
 - iii. How will those impacts to mammalian herbivores affect the ecological and biological systems of the surrounding aquatic life?
 - iv. How will those impacts to mammalian herbivores affect the



Detour Gold – Detour Lake Project
MNO Issues & Concerns
Initial Comments – PRIMA FACIE

- ecological and biological systems of the surrounding insect life?
- v. How will those impacts to mammalian herbivores affect the Métis way of life?
 - k. What will the impacts to mammalian predators be in the DLP site and surrounding area?
 - i. How will those impacts to mammalian predators affect the ecological and biological systems of the surrounding plant life? For example, if predators behavior or presence changes, how will browsing habits of herbivores be altered?
 - ii. How will those impacts to mammalian predators affect the ecological and biological systems of the surrounding mammalian herbivore life?
 - iii. How will those impacts to mammalian predators affect the ecological and biological systems of the surrounding aquatic life?
 - iv. How will those impacts to mammalian predators affect the Métis way of life?
 - l. What will the impacts to aquatic life be in the DLP site and surrounding area?
 - i. How will those impacts to aquatic life affect the ecological and biological systems of the surrounding plant life?
 - ii. How will those impacts to aquatic life affect the ecological and biological systems of the surrounding mammalian predator life?
 - iii. How will those impacts to aquatic life affect the ecological and biological systems of the surrounding aquatic life?
 - iv. How will those impacts to aquatic life affect the ecological and biological systems of the surrounding insect life?
 - v. How will those impacts to aquatic life affect the Métis way of life?
2. Many species in boreal lakes are near their thermal limits in normal conditions. More warming could cause decline or disappearance of aquatic species.
- a. What are the impacts to water temperature in the watershed surrounding the DLP site as a result of the proposed undertakings?
 - i. Will varying geology in the area of the proposed project contribute to potential temperature change in the surrounding watershed?
 - ii. How will potential temperature change in the surrounding watershed affect the ecological and biological systems of the surrounding watershed?
 - iii. Will a potential temperature change influence the primary productivity of the surrounding watershed?
 - iv. Will a potential temperature change influence the oxygen levels in the surrounding watershed?



Detour Gold – Detour Lake Project
MNO Issues & Concerns
Initial Comments – PRIMA FACIE

- v. How will potential temperature change in the surrounding watershed affect the ecological and biological systems downstream?
 - vi. How will potential temperature change in the surrounding watershed affect the ecological and biological systems of the surrounding plant life?
 - vii. How will potential temperature change in the surrounding watershed affect the ecological and biological systems of the surrounding animal life?
 - viii. How will potential temperature change in the surrounding watershed affect the Métis way of life?
3. There does not appear to be any modeling available for a storm surge or 100-year flood scenario.
- a. What is the worst case scenario for flooding in this area?
 - b. What is the flooding model for the annual melt?
 - c. How will annual and worst case floods impact the ecological and biological systems of the surrounding watershed?
 - d. How will annual and worst case floods impact the ecological and biological systems downstream?
 - e. How will annual and worst case floods impact the ecological and biological systems of soil in the surrounding area?
 - f. How will annual and worst case floods impact the ecological and biological systems of insects in the surrounding area?
 - g. How will annual and worst case floods impact the ecological and biological systems of mosses and lichen in the surrounding area?
 - h. How will annual and worst case floods impact the ecological and biological systems of shrubs in the surrounding area?
 - i. How will annual and worst case floods impact the ecological and biological systems of deciduous trees in the surrounding area?
 - j. How will annual and worst case floods impact the ecological and biological systems of coniferous trees in the surrounding area?
 - k. How will annual and worst case floods impact the ecological and biological systems of mammalian herbivores in the surrounding area?
 - l. How will annual and worst case floods impact the ecological and biological systems of mammalian predators in the surrounding area?
 - m. How will annual and worst case floods impact the ecological and biological systems of reptiles and amphibians in the surrounding area?
 - n. How will annual and worst case floods impact the ecological and biological systems of avian life in the surrounding area?
 - o. How will annual and worst case floods impact the Métis way of life?



Detour Gold – Detour Lake Project
MNO Issues & Concerns
Initial Comments – PRIMA FACIE

4. There is a potential for negative impacts to Woodland Caribou, a species of interest to the Métis.
 - a. Woodland Caribou require enormous areas of undisturbed land. They are extremely sensitive to disruptions to their habitat and migratory routes. Recent studies have shown that Woodland Caribou have much larger migratory ranges than originally thought, and subsequently impacts to Woodland Caribou in the James Bay/ Abitibi/ Temiskaming area could affect herds across Northern Ontario, from the Manitoba boarder to the Quebec boarder, and perhaps even further.
 - i. What studies have been conducted to determine how such a large project could affect Woodland Caribou?
 - ii. Woodland Caribou like to calve on islands and in wetlands to avoid predation. How will impacts to area wetlands affect Woodland Caribou?
 - iii. Any destruction to Woodland Caribou habitat requires that habitat creation be conducted to off-set impacts. What, if anything, does Detour Gold plan to do to ensure no net loss to important Woodland Caribou habitat?
 - iv. What would the impact be of disruption to Woodland Caribou habitat to the Métis way of life?
5. The Project will result in a large mine site, access roads, transmission corridors, tailings pond, waste rock piles, a new air strip, power generation, and clearings for access, work and operations. These activities will result in fragmentation of habitat at both the terrestrial and aquatic levels.
 - a. What will be the impact of such fragmentation on terrestrial and aquatic species, particularly
 - i. species that use waterways for travel, dispersal, and habitat (e.g., otter, mink, beaver)
 - ii. species that have large home ranges (e.g., wolves, wolverines) or significant migrations (e.g., caribou)
 - iii. What is the potential for isolation of aquatic species along the waterway, and what is the potential long-term (e.g., genetic) impacts of such isolation?
6. There is a potential for negative impacts to plants harvested for medicinal and traditional uses by the Métis.
 - a. What medicinal and traditional use plants could be impacted by the DLP activities?
 - b. What medicinal and traditional use plants have been surveyed and how have those surveys been conducted to ensure all plants were identified?
 - c. What would the impact to the loss of medicinal and traditional use plants



Detour Gold – Detour Lake Project
MNO Issues & Concerns
Initial Comments – PRIMA FACIE

- be to the Métis way of life?
7. Restricted access for Métis harvesters on project sites may impact Métis way of life in the area.
 - a. How will access be restricted to Métis harvesters in the area of the proposed Detour transmission project?
 - b. How will loss of access impact the Métis way of life?
 8. Restricted access for species of interest to the Métis to the project sites and surrounding areas may impact Métis way of life in the area.
 - a. What are the migratory species whose patterns may bring them near or on the site area?
 - b. How will restrictions to access of the project area impact migratory species whose patterns may bring them near or on the site area?
 - c. What are the local species who rely on the ecosystems near or on the site area?
 - d. How will restrictions to access of the project area impact local species that rely on the ecosystems near or on the site area?
 9. Disruption to ecological interactions and processes (e.g., migratory patterns, reproduction, or feeding) of species of interest to the Métis because of project-related activities may impact Métis way of life in the area.
 - a. What impact could loud equipment and construction-related activities (blasting, dredging, grubbing, helicopters, etc.) have on species in the surrounding area?
 - b. What is the total range of influence for such audible activities on sensitive species such as Woodland Caribou?
 - c. What are the migratory patterns of species in this area?
 - d. How could those migratory patterns be disrupted by construction related activities?
 - e. Are there winter, breeding, calving or feeding locations of species important to Métis way of life that will be impacted by the construction activities?
 10. The lake that is to be “scheduled” by CEAA/DFO is not covered explicitly in the ESR. While the lake is to be scoped into the federal level review, given that all of the other potentially effected waterways were assessed in the ESR, it would have been useful for the potentially scheduled lake to be included in this report. When will information pertaining to the scheduled lake be made available?



Detour Gold – Detour Lake Project
MNO Issues & Concerns
Initial Comments – PRIMA FACIE

Section 3: Individual EA – Transmission Line – Specific Concerns

Detour Gold has provided MNO with copies of the Draft Individual Environmental Assessment (EA) for the Detour Lake (Permanent) Power Project (hereinafter “Transmission Line”) for review by MNO staff of the Lands, Resources and Consultations branch. The following are comments from their review:

3.1.1

Figures 6-8 and 6-9 illustrate the habitat areas of moose, caribou and wolves.

Comment:

Much of the ROW appears to be significant moose and caribou habitat, including calving, rutting, early and late wintering areas. It also appears to be an important area for wolves as there are several wolf sightings noted along the ROW.

Question:

Since construction is anticipated to be completed in one winter, it will be intensive. What will the impact of such construction be on important caribou and moose wintering habitat? What will the impact be on wolf activity in the area?

3.1.2

Section 6.6.6 states:

“The status of the various traditional land use studies and who is responsible for the studies is documented in Table 6-18. These studies are now underway with the MCFN, TTN (Interim Final Report completed) and MNO (Region 3).”

Comment:

This statement is incorrect. No traditional land use study is currently underway as MNO and Detour Gold have not yet come to an agreement regarding work plan and budget for such a study.

3.1.3

Section 8.8 suggests that there is no reasonable potential for an impact on fisheries or other aquatic resources during construction, operation and decommissioning, assuming that the ice bridges are constructed as proposed, and that water quality cannot be impaired because activities take place while waterways are frozen.



Detour Gold – Detour Lake Project
MNO Issues & Concerns
Initial Comments – PRIMA FACIE

Comment:

Considering that Detour Gold proposes to make 108 separate water crossings over the length of the ROW, it is unacceptable to assume that everything will go according to plan.

Question:

What is the potential effect if the ice bridges are not constructed as proposed?

What is the effect of plowing and tamping snow, ice and permafrost on the soil and surrounding environment along the ice road?

Detour Gold is proposing to undertake 108 water crossings along the ROW for the transmission line. What is the cumulative impact of all of these water crossings on the regional environment? What will be the impact from small spills (oil, fuel and other fluid leaks) from equipment during construction and use of the ROW?

3.1.4

Section 8.9.1 states:

“In total, the DLPP will displace an estimated 278.5 ha of natural vegetation communities as well as 433.5 ha of previously disturbed lands (cultural vegetation communities).”

Comment:

The word “displace” suggests that Detour Gold intends to move or relocate the natural vegetation communities. That is not the likely intention. A more accurate word choice would be “destroy”

3.1.5

Section 8.9.2 states:

“It is anticipated that periodic clearing of woody vegetation will be required to ensure adequate clearance below the conductors. This clearing could be completed mechanically, manually, or through herbicide application, depending on the individual location and consultation activities.”

Comment:

The MNO Consultation Committee representing the James Bay/Abitibi/Temiscamingue region is strongly opposed to any and all use of chemical sprays, especially along



Detour Gold – Detour Lake Project
MNO Issues & Concerns
Initial Comments – PRIMA FACIE

transmission corridors. As outlined in section 6.4.3 of the EA, moose frequent the current ROW. They benefit from some disturbances to the forest environment as it allows for the re-growth of preferred food items. If these preferred food items are sprayed with chemicals, the ROW becomes a threat to the moose population as opposed to a benefit. Harvesters in the James Bay/Abitibi/Temiscamingue area have noted an increase in “black spot disease” (growths on the liver) in moose, and have been advised by MNR officials not to consume the livers of moose. While the cause of this disease has not been confirmed, it can be reasonably asserted that the use of chemical sprays could certainly contribute to negative effects on the moose population. Further, in the case of many common herbicides used for large-scale vegetation control, a large volume percentage (up to +40%) of the chemical is composed of compounds that are not disclosed due to “trade secrets”. As a result, the potential harmful effects of these sprays cannot be fully determined because the composition of the chemical spray is largely unknown. This makes it impossible to accurately predict the ultimate lifecycle of all the compounds used in chemical sprays (including derivative chemicals and alternate chemical pathways in the environment). The MNO is strongly opposed to the use of any and all chemical sprays on the transmission line and will not be satisfied until that option is completely removed from the EA.

3.1.6

Section 8.10.1 states:

“It is also expected that the current ROW is likely used by some species as a movement corridor. During the construction phase, such movement may be temporarily disrupted; however, wildlife will still be able to use the existing ROW during the night-time, are also likely to be able to use alternative areas for movement and are likely to return to using the ROW once construction has ceased.”

Comment:

While it is reasonable to assume that some species would be relatively undisturbed by the construction activities and would be resilient enough to use the ROW during the night-time as well as use alternative areas for movement, it is not reasonable to assume this for sensitive species such as Woodland Caribou, which require very large, undisturbed areas of land.

Question:

How will construction activities impact Woodland Caribou and other species that are sensitive to disruptions?



Detour Gold – Detour Lake Project
MNO Issues & Concerns
Initial Comments – PRIMA FACIE

3.1.7

Section 8.16 and 8.17 outline the potential effects to Aboriginal Traditional Land Uses.

Comment:

To date, no work has been undertaken by Detour Gold and MNO to determine potential effects to the Métis Way of Life and Traditional Land Uses.

3.1.8

Section 8.21.2 states:

“At closure, all disturbed areas will be eventually become productive forest habitat.”

Question:

What is the timeline for “eventually”?

3.1.9

Section 8.21.2 states:

“The environmental effects associated with Detour Lake Project forest clearing are considered to be Level 1 effects for magnitude/areal extent within the context of the MNR Class EA for mine site area developments (i.e., “minor and/or confined to Project lands”); and in combination with additional forest clearing associated with the DLPP would also be considered to be minor Level 1 effects. The effects would be long-term and would be likely to occur, but would be reversible in the longer-term at closure. The resulting cumulative effects from DLPP forest clearing actions, in combination with forest clearing associated with Detour Lake Project mine site area activities, are therefore regarded as being not significant.”

Question:

The project proposes to remove 23.26 square kilometers (20 sq. km. for mine site and 3.26 sq. km. for transmission line) of undisturbed forest. How is it that this was determined to be “not significant”?

What is meant by “reversible in the longer-term at closure”? Does the proponent expect that over time the entire ROW will regenerate naturally, or do they expect to replant?



Detour Gold – Detour Lake Project
MNO Issues & Concerns
Initial Comments – PRIMA FACIE

3.2.1

Section 8.21.2 states:

“Wildlife associated with cleared forest and bog areas will be displaced into the surrounding landscape. Such displacement associated with the Detour Lake Project will occur gradually over an approximate 10 to 15 year period, as major site facilities are developed, so that there will be time for wildlife population to adjust. [...] Therefore, as per discussions involving effects to vegetation communities, cumulative effects to local wildlife populations are regarded as being not significant.”

Question:

What studies have been conducted that indicate wildlife will “adjust” to ensure cumulative effects are “not significant”? While some larger, more mobile animals might be able to move away from disturbed areas, insects, soil fauna, and small animals will not be able to do so. In the case of a bog, for example, disturbance of the bog will not result in “displacement”, which suggests movement to another location, but severe impact, if not complete destruction, of the bog community except for a few larger animal species.

3.2.2

Section 8.21.2 includes a section (on page 159) which discusses Woodland Caribou and crude statistics to justify an argument that the cumulative effects of the project on caribou habitat would be “limited, and not significant”, because the combined area of the transmission line and the Detour Lake gold mine would only “be capable of supporting an estimated 0.25 individual caribou, and would be equivalent to 0.5% of the home range of a single animal.”

Comment:

It is very well known that Woodland Caribou rely heavily upon the areas surrounding the project. Having very large home ranges does not mean that certain parts are not more important than others – especially wintering, rutting and calving areas. The crude statistics Detour Gold uses to support this argument must be compared to information about the percentage of the year the caribou spend in that area in particular, and the give additional weight to the relative importance of the area in the life-cycle of the species. It is also important to note that the spatial properties of a region can be significantly altered by changes that amount to only a small average area. Large areas of intact forest,



Detour Gold – Detour Lake Project
MNO Issues & Concerns
Initial Comments – PRIMA FACIE

for example, can be significantly altered by the addition of roads and transmission lines. While the affected area is relatively small, the larger forest has been fragmented, which could have an impact on ecosystem function. What research was done on the potential effects of linear openings (roadways and transmission corridors) on Woodland Caribou?

3.2.3

Section 12.2 outlines the proposed monitoring.

Comment:

The MNO requests a role as an environmental monitor. It is recommended that a committee similar to the Mattagami Extensions Coordinating Committee be established to ensure Métis and First Nations environmental concerns are effectively monitored and mitigated during construction, operations, and closure.

Section 4: Additional Métis Concerns

In addition to the issues outlined above, the MNO has the following concerns with respect to the Project:

1. The Woodland Caribou studies completed to date are insufficient. There has been no assessment of the findings regarding the complete absence of caribou presence during 2009. There is no explanation given regarding their absence, as well as the absence of wolves and wolverines. Additional work must be done by Detour Gold to determine definitively where the caribou were during that year and why they were not present in the area of the site. It is not enough to simply say that the caribou were not present. It is imperative that we know why the caribou were not there. It is possible that the caribou were not present because of disruptive activities in the surrounding area. In order to understand the cumulative effects on the regional caribou population, the cause of the absence of the caribou population must be determined.
2. The lake that is proposed to undergo an MMER Schedule 2 was pointed out to MNO staff by Detour Gold on a map contained in the ESR. Upon review of the ESR, however, it is unclear where the lake is mentioned. Is it considered a part of the Tailings Management Area (TMA) or the Polishing Pond? There needs to be a



Detour Gold – Detour Lake Project
MNO Issues & Concerns
Initial Comments – PRIMA FACIE

clear, separate section within the ESR that describes the lake and the environmental impacts associated with the proposed MMER Schedule 2. Consultation cannot be meaningful if the community does not fully understand the project.

3. What alternatives to the proposed MMER Schedule 2 lake could Detour Gold consider? Would the environmental impacts not be lessened by building a tailings containment and treatment facility as opposed to the permanent destruction of a valuable aquatic habitat? What is the rationale for choosing to destroy an aquatic ecosystem over building a containment and treatment area?
4. The construction of the transmission line is anticipated to take place during the winter. What impact will these activities have on wintering habitat of Woodland Caribou, moose, and other species of interest to the Métis?
5. There are numerous impacts for which mitigation measures will not compensate for the impact specifically the impacts to Woodland Caribou and other species. How can it be that Detour Gold has concluded that there will be “no net effects”?

Section 5: Recommendations

1. With respect to environmental issues, Detour Gold and MNO would both benefit from arriving at a mutually agreeable Protocol to set out and guide their relationship throughout the Project's duration and to set out the participation of the potentially affected Métis community in the planning, design, and implementation of construction programs, monitoring, mitigation, and biodiversity programs and plans. This Protocol would set out how the parties will work together cooperatively and give assurance to both sides with respect to how the relationship will progress. A formal agreement process could be articulated in the final EA, and the resulting formal agreement could be used to facilitate this participation. Issues of interest to both parties for the design of these programs include:
 - a. Mitigating and/or compensating potential negative impacts to species of interest to the regional rights-bearing Métis community;
 - b. Mitigating and/or compensating for potential negative impacts of transportation, traffic and infrastructure;
 - c. Developing a Biodiversity Initiative that reflects the traditionally valued species of interest to the regional rights-bearing Métis community lost



Detour Gold – Detour Lake Project
MNO Issues & Concerns
Initial Comments – PRIMA FACIE

- during construction or operation for the purpose of replacing and/or enhancing those valued species and their habitat;
- d. Mitigating potential negative impacts to Métis harvesting rights.
2. Detour Gold, MNO, the Province of Ontario, and the Government of Canada would all benefit from the creation of a Detour Environmental Coordinating Committee which would consist of equal representation from Métis and First Nations communities, Provincial and Federal regulatory authorities, and the proponent of the Detour Gold mine (Detour Gold or any future owner/operator of the site) with the mandate of coordinating all environmental monitoring and mitigation activities. As a point of reference, this body would be similar to the Mattagami Extensions Coordinating Council/Committee set out in the Terms and Conditions of Approval for the Lower Mattagami Hydroelectric Project.
 3. Detour Gold and MNO would both benefit from a commitment to provide immediate capacity for MNO to hire a Project Coordinator (to be based in Timmins or Cochrane) to be a point-of-contact between MNO, the regional rights-bearing Métis community and Detour Gold.
 4. Detour Gold and MNO would both benefit from the creation of a list of species of interest to the Métis to be developed through a regional Métis Traditional Knowledge study. This list will allow Detour Gold and MNO to discuss specific species and measure potential impacts to those species, their habitat and the ecological and biological systems upon which they rely to more accurately measure the potential impacts of the proposed DLP on the Métis way of life. This list will be representative for the study area and may be amended for future environmental assessments in the area.



DOCUMENT INFO

Name: 202 Roc 09-11-10 Email - Mno Detour Update.tif
Size: 50KB (50,262 bytes)
Modified: Tuesday, Oct 05, 2010 01:38:04 PM

DOCUMENT INFO

From: Burgess, Caroline M
Sent: Tuesday, November 10, 2009 12:56 PM
To: Warren, Meryl
Subject: FW: Detour Update
Attachments: MPMO Presentation May 12 final.ppt

For SIIMS. C

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

From: Derek Teevan [mailto:DTeevan@detourgold.com]
Sent: Tuesday, November 10, 2009 11:53 AM
To: Burgess, Caroline M
Subject: FW: Detour Update

Fyi

From: Derek Teevan
Sent: November 10, 2009 11:52 AM
To: 'Melanie Paradis'
Subject: Detour Update

Melanie:

I hope you are doing well.

Just to let you know that CEAA is still working out with the responsible authorities (RA) federal departments what environmental assessment (EA)(screening, comp study) level the project will fall under. As well they'll then have a direction on the federal scope of the project. I understand that they will be working with the province to ensure the project is scoped appropriately amongst the different EAs. Between the federal and provincial assessments we all want to ensure a complete environmental assessment is undertaken. As such, Detour may approach the provincial government with a plan to illustrate how components of the proposed project could be assessed. Detour has developed a framework for this which I've discussed with you and have attached an overview that was part of an earlier presentation for your information. Through discussion with stakeholders, aboriginal groups and different levels of government this is likely to evolve.

I would like to move forward on the following in partnership work with the MNO:

1. Partnership agreement (original goal was to have a signing on Nov 27th)
2. Technical review by and support for Steve Sarrazin to understand the project.

At you convenience I'd like to plan to move these items forward.

Derek Teevan
V.P. Aboriginal and Government Affairs
Detour Gold
Royal Bank Plaza, North Tower
200 Bay St, Suite 2040 Box #23
Toronto, ON, M5J2J1

office: 416.304.0800
fax: 416.304.0184
cell: 416.278.2851

dteevan@detourgold.com

DOCUMENT INFO

Name: 203 09-11-12 Email - Contractor List Request - Boyden.tif
Size: 13KB (12,514 bytes)
Modified: Tuesday, Oct 05, 2010 12:35:21 PM

DOCUMENT INFO

From: Burgess, Caroline M
Sent: Thursday, November 12, 2009 3:09 PM
To: mary.boyden@gmail.com
Cc: Derek Teevan
Subject: Mining Contractor List

Hi Mary - further to my voice mail from this afternoon, I wonder if you can provide me with a listing of mining and construction contractors that I can pass along to Denis Caron at Detour Gold.

Thanks for your help!
Caroline

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

DOCUMENT INFO

Name: 204 09-11-12 Email - Contractor List Request - Reimer.tif
Size: 12KB (12,254 bytes)
Modified: Tuesday, Oct 05, 2010 12:35:25 PM

DOCUMENT INFO

From: Burgess, Caroline M

Sent: Thursday, November 12, 2009 3:10 PM

To: rreimer@ontera.net

Subject: Mining and Construction Contractors

Hi Rod - further to my voice mail from this afternoon, I wonder if you can provide me with a listing of mining and construction contractors that I can pass along to Denis Caron at Detour Gold.

Thanks for your help!

Caroline

Caroline Burgess, M.A., RPP, MCIP

Senior Consultant, Human Environment

AMEC Earth & Environmental

Tel: 613-727-0658 x 252

Cell: 613-291-2606

Fax: 613727-9465

210 Colonnade Road South, Unit 300

Ottawa, ON Canada K2E 7L5

DOCUMENT INFO

Name: 205 09-11-12 Phone Call - Contractor List Request.tif
Size: 30KB (30,161 bytes)
Modified: Tuesday, Oct 05, 2010 12:53:44 PM

DOCUMENT INFO

From: Burgess, Caroline M
Sent: Thursday, November 12, 2009 3:12 PM
To: Derek Teevan
Cc: Warren, Meryl
Subject: FW: Mining and Construction Contractors

Sorry - meant to cc you.

I tried to connect with Bert Wapachee this afternoon - he is home sick with flu. His office suggested contacting Bobbie Cheecho at Moose Band Development Corporation, but when I called, there was no answer. I will try again early next week and hope for better luck.

C

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

From: Burgess, Caroline M
Sent: Thursday, November 12, 2009 3:10 PM
To: 'rreimer@ontera.net'
Subject: Mining and Construction Contractors

Hi Rod - further to my voice mail from this afternoon, I wonder if you can provide me with a listing of mining and construction contractors that I can pass along to Denis Caron at Detour Gold.

Thanks for your help!
Caroline

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

DOCUMENT INFO

Name: 206 09-11-13 Email - Contractor List Request -
Cheechoo.tif

Size: 15KB (15,317 bytes)

Modified: Tuesday, Oct 05, 2010 12:35:29 PM

DOCUMENT INFO

From: Burgess, Caroline M
Sent: Friday, November 13, 2009 11:21 AM
To: bobbycheechoo@hotmail.com; cstrent@puc.net
Cc: Derek Teevan
Subject: Detour Lake Project: Construction and Mining Contractors
Hi Bob,

As discussed this morning, Derek Teevan suggested I contact you to see if you can provide me with a listing of mining and construction contractors that I can pass along to Denis Caron, Manager of Mining at Detour Gold.

If you have any questions give me a call and thanks for your help!
Caroline

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

DOCUMENT INFO

Name: 206 09-11-16 Phone Call - Contractor List Request -
Cheechoo.tif

Size: 11KB (10,548 bytes)

Modified: Tuesday, Oct 05, 2010 12:35:34 PM

DOCUMENT INFO

From: Burgess, Caroline M

Sent: Monday, November 16, 2009 3:57 PM

To: Warren, Meryl

Subject: ROC Detour - 2

Me again - just reached Bob Cheechoo, Moose Band Devel Corp. He got my vmail and email last week and will send us a list of contractors within the week.

C

Caroline Burgess, M.A., RPP, MCIP

Senior Consultant, Human Environment

AMEC Earth & Environmental

Tel: 613-727-0658 x 252

Cell: 613-291-2606

Fax: 613-727-9465

210 Colonnade Road South, Unit 300

Ottawa, ON Canada K2E 7L5

DOCUMENT INFO

Name: 208 09-11-17 Site Visit - Wfn.tif
Size: 47KB (47,594 bytes)
Modified: Tuesday, Oct 05, 2010 12:13:55 PM

DOCUMENT INFO



Denyse Nadon
Negotiator
Wahgoshig First Nation
P.O. Box 629. Matheson,
ON P0K 1N0

Via Email

Dear Ms. Nadon:

Thank you to you for coordinating the visit of Liz Babin, Madeline Chookoomolin, Mary Boyden and your joint venture partner to site on Nov. 17, 2009. We appreciate that it was a lot of traveling for a few hours visit. The visit allowed the participants to get a sense of what the historical mine operation was able to do with regard to reclamation. The proposed mine will be built using the best available technology and management methods to protect the water, air and earth. As Liz Babin stated "there are opportunities for our members as long as the mine is built in the right way." I thank you for sharing openly especially with the federal and provincial representatives present. Our collective relationship will go beyond the environmental assessment process and include permitting and monitoring of the mine over the production and closure phases.

Working cooperatively the mine can advance recognizing Wahgoshig's values. As discussed on during the visit I've prepared a draft template to kick off our next few meetings.

I would be happy to discuss this work plan at your convenience.

On behalf of Detour Gold.

Derek Teevan
VP Aboriginal and Government Affairs



Wahgoshig First Nation

Prospective milestones in building the Wahgoshig – Detour relationship

Goal: is to implement the MOU and develop a mutually beneficial relationship between the parties.

Dates for discussion

Nov 27	MOU update workshop –Toronto or phone
Dec 2	Environmental Assessment process review with Blue Heron representatives Archaeology update – TK review – Timmins or WFN Ongoing EA consultation and work reporting back to Environmental Committee
Dec 9	MOU Signing – Ottawa
Dec 10	IBA Planning Session Work planning – community values – schedule - budget
Jan 13	Community visit/presentation To include Environmental Committee, environmental consultant and Detour
Dec-Jan 2010	TK review work
Jan 27	Draft IBA tabled
April	Draft IBA complete
May	Community Ratification

DOCUMENT INFO

Name: 209 09-11-30 Meeting - Ttn.tif
Size: 33KB (32,842 bytes)
Modified: Tuesday, Oct 05, 2010 11:58:47 AM

DOCUMENT INFO

Meeting at Moosonee Curling Club Detour Gold Mine, November 30th, 2009 6-8:45pm
TTN members

Present: Derek Teevan Detour Gold
 Glen Seim MNDM
 Peter Archibald TTN
 Merv Mcleod MacLeod/Woods Associates
 Sue Hartwig Macleod/woods Associates
 Dave Bell Federal EA
 Larry Lefebvre MOE
 Peter Kapashesit MNR

TTN Members: George Ross, Dwight Ross, Gord Ross, Lorraine Ross, Carl Ross,
Garfield Mark, Stan Sutherland, Liz Sutherland, Cindy Sutherland, Gerald Gagnon

DISCUSSIONS:

- Derek provided an overview of the project
- Provincial EA process (crown Disposition)
- Federal EA Process (fisheries)
- Explosives Natural Resources Canada
- Construction Time lines, number of employees required for each time phases, training plans, education requirements
- Transmission Line routes (5 options)
- Merv - need to negotiate options and have full and meaning full discussions on these issues, need to work together to look at whole project.
- Peter Archibald gave out MOU and discussed opportunities and training needs and that members need to provide input re concerns, issues about the project
- Planning/Process/Permits – ideally all go in flow with input from all
- Transportation to and from mine
- Liaison Officer will know who it is by Dec 3

Questions that were asked

- Size of tailing ponds
- Who gets priority to employment
- Transmission line options
- Their concerns and issues
- Conservation Reserve, who put it there, consultation did it happen?

DOCUMENT INFO

Name: 211 09-12-10 Meeting - Ttn Tek Steering Committee.tif
Size: 142KB (144,533 bytes)
Modified: Tuesday, Oct 05, 2010 11:58:51 AM

DOCUMENT INFO

**Detour Lake Project
Taykwa Tagamou (TTN) TEK Steering Committee Meeting Notes - DRAFT**

Meeting Date: Thursday, Dec 10, 2009

Time: 11 a.m. – 2 p.m.

Location: Timmins, Five Nations Energy Offices, 36 Birch Street

Purpose: To review and discuss progress on TEK Study

Participants:	Caroline Burgess (CB)	AMEC
	Nancy Wood (NW)	Coral Rapids Power
	Peter Archibald (PA)	TTN
	Wayne Ross (WR)	TTN
	Jennifer Simard (JS)	MERC

Distribution: Meeting Participants; Derek Teevan (Detour Gold), Dave Simms (AMEC), Sheila Daniel, AMEC

DISCUSSION:

Review Of Past Activities and August 4/09 TEK Steering Committee Meeting Notes

- ☐ TTN Community meetings and tour held Nov 30th and Dec 1st. PA this it would be good if more Councillors have a look at the site in the Spring. He would also like to see an operating pit and plant/machinery (including a typical mining haul truck).
- ☐ WR wants to know more about cyanide destruction. CB stated information about the project is in project description – CB to send copies of the Project Description to WR and NW. PA confirmed that TTN has a copy at the Band Office.
- ☐ One of the actions from August was the need to reporting back on the TEK study to the community members. It was decided that a summary of the study should be written by JS and posted to the TTN website, and put in the community newsletter – JS to write a summary paragraph for Steering Committee review.
- ☐ It was decided that pictures of the site (from helicopter fly over) and/or from community meetings would be good to include with the article. NW to ask Sue if there are some pictures to consider for the article.
- ☐ All other actions from the August Steering Committee meeting have been completed.
- ☐ JS to check files for the map of the watersheds. CB to re-send watershed map to JS if it is not found.
- ☐ Some Steering Committee members wanted clarification of the proposed transmission line route. CB indicated that the route will follow that established for the previous operation and then go parallel to the Hydro One corridor (on the

west side of the Abitibi River) from Island Falls to Pinard Substation. CB to clarify where the transmission line route will be tied in and send this information to the Steering Committee.

TEK Interview Results (JS):

All 12 planned interviews have been completed.

JS has reviewed ½ of interview transcripts.

Common concerns/themes emerging from interviews:

- ☐ Fear that animals are going to be scared away from areas disturbed by the mine and power line including the transport of poles/wires and air traffic.
- ☐ Concerned that the mine and power line will affect hunting and trapping.
- ☐ Concern that there may be more non-native people having access for hunting.
- ☐ Concern that more access/people will lead to more poaching, stealing in the area.
- ☐ There is concern about more road kills due to traffic.
- ☐ There is concern about loss of habitat.
- ☐ There is concern that creeks and waterways may be impacted.
- ☐ There is concern about environmental pollution.
- ☐ Concern was expressed about the potential for new animal diseases.

Suggestions to mitigate negative effects:

- ☐ Do the construction work in winter.
- ☐ Restrict traffic/speed – shuttle buses used for workers to limit traffic.
- ☐ Do no spraying of chemicals on transmission line corridor or on roads/rights of way.
- ☐ Workers should be taught how to respect animals (not to chase with vehicles or ATVs).
- ☐ Detour Gold needs to have good policies to manage littering/garbage disposal.
- ☐ TTN should be asked to conduct ceremonies before construction happens to ask for forgiveness of disturbance to the land.
- ☐ Detour Gold should have protocols for respecting plants.

Other comments:

- ☐ While all plants are valued, berries, cedar were considered important plants.
- ☐ TTN interviewees confirmed that their membership uses the transmission line corridor to access the land to conduct traditional activities.
- ☐ TTN interviewees stated that it took a long time after construction of the previous mining operation for animals to come back to the area (by the mine/road).
- ☐ It was felt that the steady hum and electromagnetic fields can be sensed by animals. Concern was expressed that animals were getting sick from these transmission line effects.
- ☐ There was concern that Moose stands (for hunting) will be more prevalent along the right of way (related to increased access mentioned earlier).

Within the Study area there are:

- ☐ Fishing areas, trails (between canyon and island falls), bird nests, old cabins, berry harvesting areas, burial sites, Sturgeon areas, historic and current camp sites.

Discussion of Recommended Next Steps:

Small and large Interviewee Discussions:

- ☐ Some people want to get together in a group to discuss and remember better. Some have own maps of trails (Stan Sutherland).
- ☐ Stan Sutherland, George Ross and Donald Ross want to meet to talk about the trails.
- ☐ Archibalds would like to meet – to discuss family areas – want to work with bigger maps to identify uses in the Island Falls area.
- ☐ Some would need to travel to these discussions from Moosonee.
- ☐ Interviewees state that there are other families who use the area between Island Falls and Pinard – 4 other individuals were recommended to be interviewed.
- ☐ It was suggested that a tape recorder be used to capture small group discussion.
- ☐ The 2 smaller group meetings will be organized by JS and George (interviewer) and will be held in January. The two small groups would then meet as a larger group to confirm traditional use areas (also in January). JS would then prepare maps and key study findings for the community to review in a meeting in early March. CB suggested that this meeting could occur around the same time as other community meetings planned for this time about the Environmental Assessments for the project.

Site Visit:

- ☐ Site field verification in April if needed. Goose hunting April 9 – 25th, so visits will need to occur before or after that time. Easter is April 4/5.

Pre-construction ceremony:

- ☐ PA suggested that the ceremony (to ask for forgiveness for the disturbance) should occur at the same time as any visits to the site. CB stated that any site visits could be coordinated with the archaeology field work in the Spring 2010. PA stated that Derek Teevan, the negotiators and TTN members should be there for these ceremonies. PA stated that there are TTN members who are able to conduct the ceremony.

Reporting and Work Plan:

- ☐ Report on the TEK findings will be received from JS by first week of January.
- ☐ JS to prepare new work scope and budget for this additional work.

Links to Archaeology:

- ☐ John Pollock to prepare and send email re: archaeology.
- ☐ John Pollock to attend next Steering Committee meeting to discuss site visits in Spring.

Next meetings:

- ☐ JS to organize additional interviews to be completed by the end of January.
- ☐ PA and WR to help George do the 2-3 small group meetings in January.

- ☐ JS can help with small group meetings as well between Jan 18 – early Feb.
- ☐ Steering Committee and large group interviewee discussion Feb 4/5th
- ☐ Community meeting first week of March to ensure WR can attend.

DOCUMENT INFO

Name: 212 09-12-11 Email - Ttn Tek Draft Steering Committee
Notes.tif

Size: 29KB (29,304 bytes)

Modified: Tuesday, Oct 05, 2010 12:35:37 PM

DOCUMENT INFO

From: Burgess, Caroline M
Sent: Friday, December 18, 2009 1:51 PM
To: Warren, Meryl
Subject: FW: DRAFT Steering Committee Mtg Notes

Attachments: TTN TEK Steering Committee Mtg 2009-12-10.doc
Email to Steering committee with notes

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

From: Burgess, Caroline M
Sent: Friday, December 11, 2009 7:46 AM
To: wross@ntl.sympatico.ca; Jennifer Simard; nwood@mcleod-wood.com; Peter Archibald
Subject: DRAFT Steering Committee Mtg Notes

Hello all - Thank you again for the meeting yesterday. It was good to see all of you again! Attached for your review are the notes I took yesterday. Please send errors or omissions to me by Wednesday next week. I will then revise and forward to Detour/AMEC as noted.

Thanks and have a great weekend.
C

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

DOCUMENT INFO

Name: 217 09-12-21 Trapper Family Notes.tif
Size: 31KB (30,849 bytes)
Modified: Tuesday, Oct 05, 2010 01:38:12 PM

DOCUMENT INFO

From: Burgess, Caroline M
Sent: Tuesday, December 22, 2009 11:01 AM
To: Warren, Meryl
Subject: FW: Trapper Family Notes
Attachments: Notes for the Record 21-12-09.docx

For SIIMS - asked Derek if all those present were members of the Trapper family (i.e., last name Trapper). For now, lets assume that they are. C

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

From: Derek Teevan [mailto:DTeevan@detourgold.com]
Sent: Tuesday, December 22, 2009 9:40 AM
To: Burgess, Caroline M
Subject: FW: Trapper Family Notes

FYI and the file.
Thanks
d

From: Derek Teevan
Sent: December 22, 2009 9:40 AM
To: Gerald Panneton
Cc: Paul Martin; Brian Davey
Subject: Trapper Family Notes

Derek Teevan
V.P. Aboriginal and Government Affairs
Detour Gold
Royal Bank Plaza, North Tower
200 Bay St, Suite 2040 Box #23
Toronto, ON, M5J2J1

office: 416.304.0800
fax: 416.304.0184
cell: 416.278.2851

dteevan@detourgold.com

DOCUMENT INFO

Name: Attach 1 Notes For The Record 21-12-09.tif
Size: 162KB (165,031 bytes)
Modified: Tuesday, Oct 05, 2010 01:38:16 PM

DOCUMENT INFO

**Notes for the Record
Trapper Family Meeting
Five Nations Energy Board Room
Timmins, ON
Dec 21st, 2009**

Participants: Caroline, Lillian, Clarence, Shannon, Nellie, Helena, Shannon, Derek Teevan

Absent: Peter

Lillian: Tradewinds demolished the trailer that's why we are here. Susan Hare has been involved since the beginning. We want an impact report by Tradewinds - they weren't doing anything until I met Gerald.

I told him that we wanted an impact report done and he said that Detour would work with us on this. To date we haven't been updated by Chief and Council on the project. I declared a conflict of interest to the Council.

Derek – what was in that report? I've spoken with Susan but it was hard to get a hold of her and she seemed unclear about what you were looking for.

Lillian: the report is similar to that work that Tembec did. A family report this time. There are about 500 people attached to the family. There is a lot of history in the place. My great grandfather was there.

Derek: are you looking at the Traditional knowledge study?

Clarence: The EA should note that you are dealing with the MCFN separately from the Trapper family. We should be identified as the Trapper family.

Derek: We're here today to look back and fix the trailer issue and look forward to a long term relationship – neighbor relationship. I'm still not sure what type of impact report you are referring too.

Lillian: It is a traditional model report a history.

Derek: Was it a TK study? Does Tembec have a copy still?

Lillian: it was how much he spent on his living. How much he got for his trapping.

Helena: trapping costs and how much he spent on equipment

Lillian: we all still go there

Helena: they took trapping records and stuff. We haven't been copied on the report.

Derek: should you ask Tembec for a copy?

Helena: Susan should have a copy.

Derek: It sounds like it was a Harvester Assessment to compensate for the clear cutting. The mine will be larger but really within most of the existing footprint. There is good moose hunting to the north east side but that area will still be accessible. To the north in the clear cut areas isn't part of the mine property but there should be good hunting up there. We will not likely be going anywhere near the Detour river if we can help it.

Lillian: – it is about the trailer

Derek: Can I have a history the background from you?

Helena: They demolished the trailer. When my mom and dad were getting ready to go out and hunt they got there and the trailer was gone. Do you know how that feels, to have your place gone? Without permission or notice they tore it down. Now there is no camp there.

Lillian: my dad went and took pictures of it at the dump.

Derek: Where was resolving this left?

Lillian: Tradewinds offered us a trailer. It was in North Bay and all we got was a, you know, those for sale ads. We want to have an impact study before the trailer is compensated for.

Derek: my original understanding was that we were here to resolve the trailer issue. That was why we were getting together. To sort that out so Caroline was taken care of. What I hear you saying now is that the potential mine impact is important to you.

Clarence: ya. We want to know how the mine is going to impact us. We still use the area.

Derek: Where would your family go during the old mine?

Clarence: we'd go right through. People didn't know how to deal with us.

Derek: we'll have to sort out a safe way to get around the mine because this will be a very large operation and it will not be safe.

Derek: outlined on the board some of the expansion plans – I stated that we would come back to tell them fully about the EAs as soon as we could plan it. I pointed out that there is an overlap between MCFN and WFN. Lillian responded to say that they have more in common with WFN than with MCFN.

Clarence: How would MCFN go about getting information on us? We have more relations from Quebec.

Derek: first lets deal with this family. MCFN is to do a traditional knowledge study which I haven't yet seen their proposal. I have to assume that they would see you as an important family to deal with. Can we move our ideas to agreed actions?

Lillian: we need that report we should hire a company to do the work

Derek: ok – I need to know first what we are actually looking for. I would think that its really a TK study and history of the area. How about I draft a terms of reference and we agree on it. My preference is that you work with our partners Caroline Burgess to maybe train Clarence or Peter to gather the information. This is not a full time job but a project.

Lillian: ok you draft the terms of reference. There is a lot of history in the area. Peter could do a GIS mapping of the area

Derek: I will have a copy to you in early January. It sounds a little like this will go on beyond the provincial EA period of July. I will need to have some information for that process.

Lillian: ya. The information – we will have to determine what you can have, what's public.

Derek: That's right. There will be some information that we don't need or shouldn't have. There are appropriate protocols that acknowledge Traditional Knowledge and local intellectual property.

Lillian: remember I did that stuff. The next thing on the agenda is the job for Clarence.

Derek: First lets agree that Caroline is ok with that.

Caroline: Eddie wants a job for his kids and grand kids

Derek: Ok. As an offer of good faith while we are sorting out Clarence or Peter, we will continue the funding of Caroline. Lets say it might take three months. So we'll go three months of the full time salary. Ordinarily in this situation we would want to know that we are dealing with someone who had a power of attorney.

Lillian: (explained this to Caroline)
Will you give us a new contract?

Derek: I will amend and initial the changes for your mom.

Lillian – explained to her mom again.

Derek : well it seems that there maybe a fit with either Peter or Clarence in the environment role. Detour thinks that the environment job is very important and it will grow over the next few years. I need to have Clarence's resume. The role might evolve.

Clarence: my goal is to start working right away. I just finished my heavy equipment course and want to get work at the mine because I moved to Cochrane. Byron had that role and I wanted to take his place. I have my common core.

Derek: Byron was a core cutter who also did other work. We will need core cutters in the new year and then could develop the EA role. I'd like to review your resume with you and see which is the right way to go. Sampling and that might be something you like to do but you may not like lab work.

Lillian: Peter could do maps etc... Would there be a job for him too?

Derek: there isn't now, but as we grow there might be a place. We'd have to know what his experience and interests are.

Derek: Ok I have a few actions that we should record and agree:

1. Derek to draft a terms of reference for traditional use study by Jan 8
2. Lillian to request a copy of the Tembec report (I will email a reminder)
3. Book a Project EA update meeting for late January. (Derek to follow up with Lillian)
4. Derek to provide an Environmental Monitoring job description for the family and

Clarence.

Lillian: There is a family gathering in July every year. We could have that report then. The other things was the stock options.

Derek: I explained the options – repeated that we can't advise when to sell them. I gave them the card of a broker through BMO. Told Caroline and Lillian that they should set up an account before Christmas and that there should be little or no fees – if there were we would cover them as a sale would cost less than \$200. I will again outline in an email to Lillian for Caroline when the vesting period, value and expiry of the options are.

Derek: ok – could I just come back to the cabin because we don't want to have Caroline waiting for something that was promised. Because its winter it maybe the best time to get something into a camp.

Clarence: you are right.

Helena: we don't know where to put a cabin. You know there were cabinets and a wood stove in there. We want compensation for the whole thing. Maybe we should be looking at extending the existing cabin.

Clarence: we could take the replacement value in materials that would be a good way to go.

Derek: I think it is important to put this to rest. With the value of the trailer you could build or extend a good cabin.

Lillian: ok we will decide and get back to you.

Informal chat ----

Looked at the Project Description

The claims map C220, C108 were Eddie's and should go above the Detour road.

Parts 194-195 are Russell Turner's (need to sort out if he has ever been notified)

164 Clarence's

Caroline spoke about getting beaver at Michopmcoton (sp) lake when Lillian was young. There were hundreds of beavers there. We used to shoot them at night and be skinning until midnight.

Her birthday is boxing day.

Helena: my mom wants to see her flowers back in the area when the mine closes – it should be in an agreement with us, the community.

Derek – thanks for this you will get back to me about the trailer and about the meeting date.

I have one other request....in ojibway culture I'd offer tobacco to you. Would you consider coming to the site and smudging? Coming to speak with our employees about the land?

Lillian: yes there needs to be cross cultural training

Clarence: people at site don't know how to deal with us.

Derek: we will have cross cultural training – im speaking about creating knowledge of neighbours now.

Lillian: yes we will see how we can do that and talk in the new year.

Meeting closed at 9:40

DOCUMENT INFO

Name: 219 10-01-13 Email - Ttn.tif
Size: 93KB (94,398 bytes)
Modified: Tuesday, Oct 05, 2010 12:35:42 PM

DOCUMENT INFO

From: Burgess, Caroline M
Sent: Wednesday, January 13, 2010 11:20 AM
To: Warren, Meryl
Subject: FW: detour gold

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

From: Derek Teevan [mailto:DTeevan@detourgold.com]
Sent: Wednesday, January 13, 2010 10:00 AM
To: Burgess, Caroline M
Subject: FW: detour gold

For the file please

From: Derek Teevan
Sent: January 13, 2010 10:00 AM
To: 'shartwig@mcleod-wood.com'
Cc: Merv McLeod; Dwight Sutherland
Subject: RE: detour gold

Chief Dwight:

Thanks very much for your question. I'm very happy to come and present our schedule to Chief and Council. The negotiations are going well and TTN's leadership on gathering Traditional Knowledge and completing the Archaeology study is ahead of other communities. As you may know we have held a few open houses and I have presented at an TTN led employment workshop.

Work on site is limited to exploration, environmental assessment and feasibility studies, and management of the closure plan that we inherited from Placer Dome – Goldcorp. We cannot begin constructing the mine until we've completed our negotiations, have obtained provincial Environmental Assessment approval and receive our Board's approval (this will be contingent on having bank financing). It is anticipated that an IBA with TTN could be completed by April May of this year followed by provincial EA approval in July-August. For some project components we will also require a federal EA. Detour has committed to TTN to provide support for independent EA advice.

To prove up the gold resource we are doing winter drilling in areas that we can't access in the summer because they are on wet ground. The environmental and feasibility study work includes water well test, water chemical test, bird nesting and wildlife studies along with geotechnical drilling for stability of buildings. As well, we do intend to upgrade the camp accommodation over the next few months as it

was temporary and is in rough shape. This would include a waste water treatment to minimize use of septic fields should the mine not proceed. Perhaps this is what you might have heard about.

Potential contracts will be provided to the negotiation team.

Please feel free to contact me directly should you have any specific questions.

Happy new year

Derek Teevan
Detour Gold
Royal Bank Plaza, North Tower
200 Bay St, Suite 2040 Box #23
Toronto, ON, M5J2J1

office: 416.304.0800
fax: 416.304.0184
cell: 416.278.2851

dteevan@detourgold.com

From: Sue Hartwig [mailto:shartwig@mcleod-wood.com]
Sent: January 12, 2010 5:57 PM
To: Derek Teevan
Cc: Merv McLeod; Dwight Sutherland
Subject: Fw: detour gold

Hi Derek,

Can you please address the Chief's concerns as listed below.

Thank you,

Sue
Sent on the TELUS Mobility network with BlackBerry

From: mmcleod@mcleod-wood.com
Date: Tue, 12 Jan 2010 19:39:42 +0000
To: Sue Hartwig<shartwig@mcleod-wood.com>
Cc: Dwight Sutherland<dwright_sutherland@hotmail.com>
Subject: Fw: detour gold

Sent on the TELUS Mobility network with BlackBerry

From: Dwight Sutherland <dwright_sutherland@hotmail.com>

Date: Tue, 12 Jan 2010 14:31:35 -0500
To: Merv McLeod<mmcleod@mcleod-wood.com>
Subject: detour gold

good afternoon merv

i wanted you to give me a call in regards to detour gold. i hear that construction is supposed to start this march/10. is there any truth to that? i really need to know and if that is true..how far is the negotiations.?

thank you,

dwight

DOCUMENT INFO

Name: 225 Roc 09-12-04 Letter - Proposed Tor - Mcfn Cover Letter.tif

Size: 32KB (31,963 bytes)

Modified: Tuesday, Oct 05, 2010 11:58:54 AM

DOCUMENT INFO



MOOSE CREE FIRST NATION

P.O. Box 190
Moose Factory, ON
P0L 1W0

Tel: (705) 658-4619
Fax: (705) 658-4734

January 4, 2010

Alex Blasko
Project Officer
Environmental Assessment and Approvals Branch
Ontario Ministry of the Environment
2 St. Clair Ave. W., Floor 12A,
Toronto, ON M4V 1L5

***Re: Proposed Terms of Reference for the Detour Lake Power Project Individual
Environmental Assessment (EA File No. EA 03-03-03)***

Mr. Blasko:

Thank you for inviting the Moose Cree First Nation to participate in the public review of the Proposed Terms of Reference (ToR) for the Detour Lake Power Project Individual Environmental Assessment, as per the memorandum you sent to our First Nation on November 26, 2009.

The Moose Cree First Nation has reviewed both the Proposed ToR and Record of Consultation volumes you had sent us. We also contracted an consulting firm – DPRA Canada – to assist us in reviewing the Proposed ToR and responding to it within the public review period. Attached is the report produced by DPRA, reviewed and approved by the Moose Cree First Nation, which we are submitting as our formal response to the Proposed ToR and Record of Consultation.

If you have any questions or concerns regarding the attached, please feel free to contact me.

Yours truly,

Fred Hunter
Executive Director,
Moose Cree First Nation

DOCUMENT INFO

Name: 225 Roc 09-12-04 Letter - Proposed Tor - Mcfn
Response.tif
Size: 1,163KB (1,190,713 bytes)
Modified: Tuesday, Oct 05, 2010 11:59:04 AM

DOCUMENT INFO

Moose Cree First Nation
P.O Box 190, Moose Factory, ON
P0L 1W0

ATTENTION: Fred Hunter, Executive Director

Review of the Proposed Terms of Reference for the Detour Lake Power Project



7501 Keele St, Suite 300
Concord, ON L4K 1Y2
Tel : 905.660.1060, ext. 230
Fax : 905.660.7812
E-mail: tim.m.rochon@dpra.com

Revised Draft January 4, 2010

TABLE OF CONTENTS

EXECUTIVE SUMMARY	II
1 - INTRODUCTION	1
1.1 PURPOSE OF THE REVIEW	1
1.2 ORGANIZATION OF THE REPORT	1
2 – SCOPE OF THE REVIEW.....	1
2.1 SCOPE OF WORK	1
2.2 DOCUMENTS REVIEWED	2
3 – SUMMARY OF KEY CONCERNS & SOLUTIONS	2
3.1 HIGHLIGHTS OF ISSUES OF CONCERN	3
3.2 NOT INCLUDING ABORIGINAL ISSUES IN SELECTION OF ALTERNATIVES	3
3.3 NO MENTION OF ABORIGINAL LANGUAGES IN CONSULTATION ACTIVITIES	3
3.4 NARROW USE OF FIRST NATION INFORMATION SOURCES AS DATA SOURCES	4
3.5 DLPP CONSTRUCTION	4
3.6 LACK OF SOCIO-ECONOMIC BASELINE DATA SOURCES	4
3.7 NO BUFFER ZONES FOR ACCESS ROADS AND ANCILLIARY DEVELOPMENTS	5
3.8 NARROW RANGE OF ENVIRONMENTAL EFFECTS	5
3.9 ABSENCE OF SOCIO-ECONOMIC MONITORING	5
3.10 INSUFFICIENT INFORMATION PROVIDED	5
4.0 PRESENTATION OF ISSUES (BY TOR SECTION)	7

EXECUTIVE SUMMARY

Detour Gold provided the Moose Cree First Nation with a copy of its Proposed Terms of Reference (ToR) and Record of Consultation for the Detour Lake Permanent Power Project (DLPP), in preparation of producing an Environmental Assessment (EA) for the project. The due date for comment on the ToR is January 4, 2010. DPRA was contracted to review the Proposed ToR and Record of Consultation in order to assist the Moose Cree First Nation in submitting its comments on the ToR. The primary focus of the review was on the issues of existing and planned consultation with First Nations for this project, with a secondary focus on environmental and socio-economic aspects of the Proposed ToR.

Overall, the Proposed ToR and Record of Consultation are in accordance with Ontario's published Codes of Conduct on preparation of a ToR and on consultation. The Proposed ToR and Record of Consultation also establish that the Detour Gold – the proponent for this project – has contacted First Nations early in the process and intend on consulting with them throughout the ToR and EA processes for the DLPP project.

However, nine issues of concern were identified during the review. They are:

- Not including Aboriginal issues in the selection of alternatives
- No mention of Aboriginal Languages in consultation activities
- Narrow use of First Nation information sources as data sources for Environmental Components
- DLPP construction (no mention of First Nation involvement)
- Lack of socio-economic baseline data sources
- No buffer zones identified for access roads and ancillary developments
- Narrow range of environmental effects
- Absence of socio-economic monitoring
- Insufficient information provided to satisfy the reader

In this report, each issue of concern is briefly described, and a solution proposed. In total, these issues can be addressed relatively easily by the proponent, and by implementing them, the result will be a clearer and more rigorous Terms of Reference which, ultimately, will result in a superior Environmental Assessment. If the recommendations for these nine issues of concern are addressed by the proponent, sufficient detail and process information will be included in the ToR so that the Moose Cree First Nation's concerns as a First Nation with traditional territory in the project area and a community that could potentially benefit economically from this project will be protected.

1 - INTRODUCTION

This section of the report summarizes the purpose of the review and structure of the report

1.1 PURPOSE OF THE REVIEW

Detour Gold Corporation has submitted a Terms of Reference for the Detour Lake Permanent Power Project (DLPP) to the Ministry of the Environment for review, as required under the *Environmental Assessment Act*, in November 2009. Detour Gold published a Notice of the Submission of the Terms of Reference (ToR) in several area newspapers on November 26, 2009; it also provided the Moose Cree First Nation with a copy of its ToR and Record of Consultation. The due date for comment on the ToR is January 4, 2010.

DPRA has been contracted by the Moose Cree First Nation to review the ToR and Record of Consultation, and provide advice to the First Nation regarding its sufficiency, so that the community can respond to the invitation for comments by the due date of January 4. It is important that any areas of concern regarding the ToR be raised during the ToR review period, as the review process has been mandated by the Government of Ontario to provide stakeholders (including First Nations) with the opportunity to note deficiencies or areas of concern so that these can be addressed by the proponent in the final ToR.

As per Section 6.1 of the Code of Practice – Preparing and Receiving Terms of Reference for Environmental Assessments in Ontario, the comments produced through this review are specific and relate to components of the proposed ToR, and any proposed solutions to the issues raised are also outlined.

1.2 ORGANIZATION OF THE REPORT

This report is organized as follows:

Section 1 – Introduction

Section 2 – Scope of the Review

Section 3 – Summary of Key Concerns and Solutions

Section 4 – Presentation of Issues (by ToR Section)

2 – SCOPE OF THE REVIEW

This section of the report discusses the scope of the assignment and documents reviewed during the review.

2.1 SCOPE OF WORK

DPRA's review of the ToR focused primarily on the description the proponent's plan for consulting with First Nations and consultation principles, objectives and activities identified in connection with consultation with First Nations.

A secondary focus of the ToR review is the adequacy of the description of the physical environment (including socio-economic aspects) and associated environmental indicators. This is important because much of the proposed power project route (and the Detour mine itself) is within the traditional territory of

the Moose Cree First Nation and any impacts on the physical environment can potentially impact Moose Cree economic and traditional activities within this territory.

2.2 DOCUMENTS REVIEWED

Two primary documents have been reviewed for this assignment: (1) the Proposed Terms of Reference and (2) Record of Consultation.

Since the ToR is produced in order to fulfil provincial requirements, appropriate sections of the *Environmental Assessment Act*, Ontario's *Code of Practice for Consultation in Ontario's Environmental Assessment Process* and *Code of Practice for Preparing and Reviewing Terms of Reference for Environmental Assessments in Ontario* were also reviewed for this assignment.

3 – SUMMARY OF KEY CONCERNS & SOLUTIONS

As a whole, the ToR and Record of Consultation fulfil Sections 6(2)(c), 6(3) and 6.1(3) of the Environmental Assessment Act, and both the *Code of Practice for Consultation in Ontario's Environmental Assessment Process* and *Code of Practice for Preparing and Reviewing Terms of Reference for Environmental Assessments in Ontario*. Further, the province's requirements for Aboriginal consultation have been satisfied in the ToR's Consultation Plan (Appendix A to the Proposed ToR), as well as its consultation activities associated with the Draft ToR (Appendix B to the Proposed ToR) and ToR (Appendix C to the Proposed ToR).

In the main body of the ToR, the following issues are satisfactorily covered:

- Compliance with Provincial expectations of Aboriginal consultation
- First Nation communities identified for the ToR and EA processes
- ToR and EA consultation activities for First Nations
- Aboriginal considerations in selection of alternatives

In fact, for the last point, it is interesting to note that the proponent's rejection of routing alternative "E" strictly on the grounds of First Nation concerns demonstrates that the proponent is aware of – and at least to some degree sensitive to – First Nation concerns/issues for this project.

In the Consultation Plan (Appendix A to the Proposed ToR), the following issues are, as a whole, satisfactorily covered:

- First Nations identified as a stakeholder group
- Specific First Nations identified
- Customizing consultation activities to accommodate First Nations culture
- Including First Nations early in consultation stage
- Supporting First Nation participation in EA process
- Aboriginal agreements
- Including Aboriginal issues in Consultation Objectives
- Consultation evaluation criteria

There are only minor concerns with the issue of including Aboriginal issues in Consultation Activities (mentioned below).

In the Record of Consultation, the following issues are satisfactorily covered:

- First Nations identified as a stakeholder group
- Criteria for identifying stakeholders
- Aboriginal stakeholders identified
- Aboriginal agreements
- Including Aboriginal Issues in Consultation Objectives
- Support for meaningful consultation with Aboriginal stakeholders
- Recording of Aboriginal concerns

These issues are identified and described in Section 4 of this report.

3.1 HIGHLIGHTS OF ISSUES OF CONCERN

DPRA has identified nine (9) issues of concern, through its review of the Proposed ToR and Record of Consultation:

- Not including Aboriginal issues in the selection of alternatives
- No mention of Aboriginal Languages in consultation activities
- Narrow use of First Nation information sources as data sources for Environmental Components
- DLPP construction (no mention of First Nation involvement)
- Lack of socio-economic baseline data sources
- No buffer zones identified for access roads and ancillary developments
- Narrow range of environmental effects
- Absence of socio-economic monitoring
- Insufficient information provided to satisfy the reader

Each issue of concern is briefly described below; proposed solutions are included in the brief description of each issue.

3.2 NOT INCLUDING ABORIGINAL ISSUES IN SELECTION OF ALTERNATIVES

Concern: While the proponent eliminates routing alternative 'E' out of respect for the wishes of the local First Nations (routing alternative 'E' passes close to New Post Indian Reserve #69), neither the 10 screening criteria for project alternatives nor the 3 considerations that may over-ride the screening criteria (identified in Section 5 of the Proposed ToR) identify Aboriginal issues.

Proposed solution: To give the Proposed ToR more rigour, the proponent should add "Aboriginal concerns over possible negative effects of hydro route close to their community or on a Valued Ecosystem Component" as a fourth consideration that may over-ride the screening criteria for the selection of alternatives.

3.3 NO MENTION OF ABORIGINAL LANGUAGES IN CONSULTATION ACTIVITIES

Concern: While the Consultation Plan included in the Proposed ToR involves early and regular consultation with the correct First Nations, there is no mention of producing materials in appropriate Aboriginal languages such as Cree, Ojibway or Oji-Cree. While the proponent cannot be expected to produce large documents in Aboriginal languages, smaller documents (such as plain language project

information sheets, project newsletter, Frequently Asked Questions document) in Aboriginal languages would provide a broader cross-section of First Nation communities with an opportunity to be informed of – and involved in – the consultation process.

Proposed solution: The proponent should specifically state in its Consultation Plan and Section 3 of the Consultation Record that if requested by the leadership of First Nation communities being consulted, it will produce plain language project information sheets, project newsletters and Frequently Asked Questions documents in appropriate Aboriginal languages for distribution in First Nation communities.

3.4 NARROW USE OF FIRST NATION INFORMATION SOURCES AS DATA SOURCES

Concern: While the proponent has identified traditional knowledge (TK) as an information source for the heritage and cultural resources socio-economic component in the table of Environmental Components (Section 13 – Table 6 – of the Proposed ToR), it has neither identified any other potential First Nation source of information for heritage and cultural resources, nor has it identified First Nation information sources of any kind for other socio-economic components (e.g., social; land use; and visual environment), or terrestrial environment items and some aquatic environment items (such as fisheries and aquatic habitat). Similarly, TK studies is the only environmental source associated with First Nations in Table 7 of Section 13 of the Proposed ToR.

Proposed solution: The proponent should identify traditional knowledge and other First Nation knowledge (e.g., via consultation) as an information source in additional socio-economic components (social, land use, and visual environment), terrestrial environment items (especially terrestrial habitat, wildlife, migratory birds, and rare and endangered species) and some aquatic environment items (especially fisheries and aquatic habitat) in Table 6 of the Proposed ToR. The proponent should include First Nation community consultation as a potential environmental data source in Table 7 of the Proposed ToR.

3.5 DLPP CONSTRUCTION (NO MENTION OF FIRST NATION INVOLVEMENT)

Concern: In Section 3 (Purpose of the Undertaking) of the Proposed ToR, the proponent describes the components of the DLPP project. However, no information is provided on the amount of effort required for construction of these components (e.g., ROW clearing, temporary access road construction, transmission line and related facility construction, post-construction maintenance) or the extent to which First Nations may be involved in these construction activities. This being the case, First Nations are unsure of the proponent's intended role for them in project construction.

Proposed solution: If the proponent intends on considering First nations for construction of any parts of the DLPP, this information should be added to Section 3 of the ToR.

3.6 LACK OF SOCIO-ECONOMIC BASELINE DATA SOURCES

Concern: In Section 6 (Assessment of Alternatives) of the Proposed ToR, the list of types of data to be collected regarding the socio-economic environment does not include either demographic data or economic data for First Nations and local communities. The absence of demographic and economic data -- which are standard forms of socio-economic data included in environmental assessments -- weakens this section of the ToR.

Proposed Solution: The proponent should add demographic and economic data to the list of type of data to be collected regarding the socio-economic environment.

3.7 NO BUFFER ZONES FOR ACCESS ROADS AND ANCILLIARY DEVELOPMENTS

Concern: In Section 7 (Description of the Environment), page 22 of the Proposed ToR, the choice of a one-kilometre buffer zone on either side of the ROW as the focus of assessment would seem reasonable in most cases. However, there is no mention of a similar potential zone of impact with respect to any access roads or ancilliary developments – which would be expected for such a project.

Proposed Solution: The proponent should include a potential zone of impact with respect to any access roads or ancilliary developments in Section 7 of the Proposed ToR.

3.8 NARROW RANGE OF ENVIRONMENTAL EFFECTS

Concern: In Section 8 (Description of Potential Environmental Effects), p.26 of the Proposed ToR, the assessment of the environmental effects only mentions accidents and malfunctions. The assessment of the environmental effects should consider much more than accidents and malfunctions. It should consider impacts on habitat, (particularly habitat for Species at Risk), noise, waste management, stream and river crossings.

Proposed Solution: The proponent should add impacts on habitat, noise, waste management, stream and river crossings in the list of environmental effects in Section 8 of the Proposed ToR.

3.9 ABSENCE OF SOCIO-ECONOMIC MONITORING

Concern: Section 10 (Commitments and Monitoring) of the Proposed ToR does not mention any form of socio-economic monitoring (e.g., employment numbers, number of contracts). Since socio-economic monitoring is a standard component of any project monitoring framework or monitoring program, not including socio-economic monitoring weakens this section of the ToR.

Proposed Solution: The proponent should include socio-economic monitoring in this Section 10 of the Proposed ToR.

3.10 INSUFFICIENT INFORMATION PROVIDED

Concern: In reviewing the Proposed ToR, several areas were only described so briefly that the ToR fails to provide the readership with sufficient information. These areas include:

- *Description of the project scope* (p.5): The 3-paragraph description of the project provides only a rough idea of the scope and extent of the project
- *Conclusion on alternatives selected* (p.10): The conclusion to Section 5.1 provides very little substantive information to back up the conclusion
- *Conclusion on alternative methods for providing power* (p.14): The conclusion to Section 5.2 provides very little substantive information to back up the conclusion
- *Identification of Valued Ecosystem Components* (p.18): In the section on Effects on the Natural Environment, it is stated that “primary considerations are in regard to Valued Ecosystem Components.” However, there is no indication of what the VECs would be or how they would be

identified. It is not clear if the VECs mentioned on this page are the same as the “Environmental Components” listed on Table 6 (p.41) of the ToR

- *Description of species at risk:* In the “Overall Evaluation” subsection (p.20), there is no specific mention of Species at Risk -- although they are referenced on page 20 under the list of information to be reviewed. Also, in the “Description of the Environment” subsection (p.24), while the five species at risk are identified, no further information on these species is provided. By not describing the ranges or habitats of these five species at risk within the context of the project route (as was provided to some degree on Section 7.6 [Wildlife]), the level of information provided on species at risk appears to be insufficient – especially since their status warrants more attention than wildlife in general
- *Use of data for decision-making* (pp. 19-21): In the “Overall Evaluation” subsection, it is not clear how the data will be used to make various assessment decisions. The lack of information on how data collected will be used to make assessment decisions weakens this section of the Proposed ToR
- *Monitoring* (p.28): Section 10 of the Proposed ToR mentions that “during the EA, a monitoring framework will be developed...”, but little information is provided regarding the framework. It is not clear what a monitoring framework actually is; when and who will develop it; and who will determine if it is adequate. It would be much more effective (and appropriate) if a monitoring program (rather than simply a monitoring framework) is presented as part of the EA report

Proposed Solution: The proponent should make the following changes to the Proposed ToR:

- *Description of the project scope* (p.5): The proponent should describe the DLPP in enough detail that the audience may fully understand the scope, magnitude and duration of potential impacts. Properly scaled maps are also required
- *Conclusion on alternatives selected* (p.10): The proponent should provide more substantive information in the conclusion regarding alternatives to the DLPP
- *Conclusion on alternative methods for providing power* (p.14): The proponent should provide more substantive information in the conclusion regarding alternative methods for providing power to the Detour mine project
- *Identification of Valued Ecosystem Components* (p.18): The proponent should either provide some information on how VECs will be identified in the discussion of Effects on the Natural Environment
- *Description of species at risk:* The proponent should identify specific species at risk on page 20 in the Proposed ToR; also, the proponent should provide some information on the habitats and ranges of the identified species of risk with respect to the DLPP on page 24 of the Proposed ToR
- *Use of data for decision-making* (pp. 19-21): The proponent should include a description of how the data will be used to make various assessment decisions
- *Monitoring* (p.28): The proponent should consider a monitoring program rather than a monitoring framework in the Proposed ToR; if it decides to stick with the monitoring framework, the proponent should fully describe the monitoring framework as per the concern mentioned above

4.0 PRESENTATION OF ISSUES (BY TOR SECTION)

This section of the report presents the findings of DPRA's review of the Proposed ToR and Record of Consultation in the form of two tables. Each table identifies issues, section by section. For each issue identified, specific points and significance of the issue are provided. If the text in "Significance of Issue" is in bold, it is an issue of concern. All such issues of concern are identified – with solutions proposed -- in Section 3 of this report.

Binder 1: Proposed Terms of Reference

Section of ToR	Issue	Specific Points	Significance of Issue
Section 1 – Identification of Proponent	NONE	N/A	N/A
Section 2 – Indication of How the Environmental Assessment Will Be Prepared	NONE	N/A	N/A
Section 3 – Purpose of the Undertaking (p.4)	Involvement of First Nations in DLPP Construction (See Section 3.5)	<ul style="list-style-type: none"> While this section of the ToR describes the components of the DLPP project, no information is provided on the amount of effort required for construction of these components (e.g., ROW clearing, temporary access road construction, transmission line and related facility construction, post-construction maintenance) or the extent to which First Nations may be involved in these construction activities 	<ul style="list-style-type: none"> Without an explicit commitment by the proponent regarding employing First Nation members or Aboriginal companies in construction of the DLPP (either in absolute numbers or a percentage of the total construction labour required), First Nations are unsure of the proponent's intended role for them in project construction
Section 4 – Description of and Rationale for the Proposed Undertaking (p.5)	Lack of Information (See Section 3.10)	<ul style="list-style-type: none"> The 3-paragraph description of the project provides only a rough idea of the scope and extent of the project. 	<ul style="list-style-type: none"> The DLPP should be described in enough detail that the audience may fully understand the scope, magnitude and duration of potential impacts. Properly scaled maps are also required
Section 5 – Description and Rationale for Alternatives (pp. 6-7)	Aboriginal considerations in selection of alternatives (See Section 3.2)	<ul style="list-style-type: none"> 10 screening criteria for project alternatives were considered, none of which either directly or indirectly address First Nations The aspect that comes closest to addressing First Nation concerns is "sensitive environmental features" 	<ul style="list-style-type: none"> While the 10 screening criteria have been adapted from the Ministry of Environment (specific document not identified in the ToR) – and therefore presumably satisfy provincial EA requirements – if the proponent wants to assure First Nations that their concerns will be addressed in the issue of considering project alternatives, it would be best that at least 1 aspect directly address First Nation concerns

Section of ToR	Issue	Specific Points	Significance of Issue
Section 5 – Description and Rationale for Alternatives (p.7)	Aboriginal considerations in selection of alternatives (See Section 3.2)	<ul style="list-style-type: none"> 3 considerations that may over-ride the screening criteria were identified, none of which either directly or indirectly address First Nations The consideration that comes closest to addressing First Nation concerns is "substantive and unnecessary disruption to the natural or socio-economic environment compared with other viable alternatives" 	<ul style="list-style-type: none"> If the proponent wants to assure First Nations that their concerns will be addressed in the issue of considering project alternatives, it would be best that at least 1 of the over-riding considerations directly address First Nation concerns
Section 5 – Description and Rationale for Alternatives (p. 10)	Lack of Information (See Section 3.10)	<ul style="list-style-type: none"> The conclusion to Section 5.1 (Selection of Alternatives – Alternatives to the DLPP), while valid, provides very little substantive information to back up the conclusion 	<ul style="list-style-type: none"> For the sake of clarity, more substantive information should be provided in the conclusion regarding alternatives to the DLPP
Section 5 – Description and Rationale for Alternatives (pp. 11-14)	Aboriginal considerations in selection of alternatives (See Section 3.2)	<ul style="list-style-type: none"> Routing alternative "E" – which is the most direct and economical route – has been considered by the proponent to be not viable due to its close proximity to New Post Indian Reservation #69 The precise wording in the ToR is: "on the basis of its commitment to minimize unnecessary disturbance to the environment and out of respect for the wishes of the local First Nations, Detour Gold is proposing not to carry Alternative C [DPRA believes this is a typo meant to be 'E'] into the EA, unless the Ministry of the Environment (MOE) feels that it would otherwise be appropriate to do so. Alternative E is therefore also not considered a viable routing alternative". (pp. 13-14) 	<ul style="list-style-type: none"> The rejection of routing alternative "E" strictly on the grounds of First Nation concerns demonstrates that despite the lack of explicitly Aboriginal screening criteria or considerations for rejecting an alternative, the proponent is aware of – and at least to some degree sensitive to – First Nation concerns/issues
Section 5 – Description and Rationale for Alternatives (p. 14)	Lack of Information (See Section 3.10)	<ul style="list-style-type: none"> The conclusion to Section 5.2 (Selection of Alternatives – Alternative Methods for Providing Power, while valid, provides very little substantive information to back up the conclusion 	<ul style="list-style-type: none"> For the sake of clarity, more substantive information should be provided in the conclusion regarding alternative methods for providing power to the Detour mine project
Section 6 – Assessment of Alternatives (p.18)	Lack of Information (See Section 3.10)	<ul style="list-style-type: none"> On p. 18 (Effects on the Natural Environment) it is stated that "primary considerations are in regard to Valued Ecosystem Components." However, there is no indication of what the VECs would be or how they would be identified. It is not clear if the VECs mentioned on this page are the same as the "Environmental Components" listed on Table 6 (p.41) of the ToR 	<ul style="list-style-type: none"> For the sake of clarity, this section should either provide some information on how VECs will be identified or (if they are identified in Table 6) refer to the table of Environmental Components on p.41 of the ToR
Section 6 – Assessment of Alternatives (p.20)	Lack of Information (See Section 3.10)	<ul style="list-style-type: none"> In the "Overall Evaluation" subsection, there is no specific mention of Species at Risk – although they are referenced on page 20 under the list of information to 	<ul style="list-style-type: none"> Mentioning specific species at risk would strengthen this section of the ToR

Section of ToR	Issue	Specific Points be reviewed	Significance of Issue
Section 6 – Assessment of Alternatives (pp.20-21)	Absence of Socio-Economic Baseline Data as Data Source (See Section 3.6)	<ul style="list-style-type: none"> The list of types of data to be collected regarding the socio-economic environment does not include either demographic data or economic data for First Nations and local communities 	<ul style="list-style-type: none"> Demographic and economic data are standard forms of socio-economic data included in environmental assessments; including this information would strengthen this section of the ToR
Section 6 – Assessment of Alternatives (pp. 19-21)	Lack of Information (See Section 3.10)	<ul style="list-style-type: none"> In the "Overall Evaluation" subsection, it is not clear how the data will be used to make various assessment decisions 	<ul style="list-style-type: none"> Including a description of how data collected will be used to make assessment decisions would strengthen this section of the ToR
Section 7 – Description of the Environment (p.22)	Buffer Zones for Access Roads & Ancillary Developments (See Section 3.7)	<ul style="list-style-type: none"> P. 22: the choice of a one-kilometre buffer zone on either side of the ROW as the focus of assessment would seem reasonable in most cases. However, the assessment should include a similar potential zone of impact with respect to any access roads or ancillary developments. 	<ul style="list-style-type: none"> Since access roads and ancillary developments associated with the DLPP may have environmental impacts, it is important that a potential zone of impact around these developments be included in the ToR
Section 7 – Description of the Environment (p.24)	Lack of Information (See Section 3.10)	<ul style="list-style-type: none"> While the five species at risk are identified in Section 7.7 of the ToR, no further information on these species is provided 	<ul style="list-style-type: none"> Including a description of the ranges or habitats of these five species at risk within the context of the project route (as was provided to some degree on Section 7.6 (Wildlife) – especially since their status warrants more attention than wildlife in general – would produce a more "balanced" description of the environment and therefore strengthen this section of the ToR
Section 8 – Description of Potential Environmental Effects (p.26)	Types of Project Effects (See Section 3.8)	<ul style="list-style-type: none"> The assessment of the environmental effects only mentions accidents and malfunctions. 	<ul style="list-style-type: none"> The assessment of the environmental effects should consider much more than accidents and malfunctions. It should consider impacts on habitat, (particularly habitat for Species at Risk), noise, waste management, stream and river crossings. Including these would strengthen this section of the ToR
Section 9 – Potential Mitigation Measures	NONE	N/A	N/A
Section 10 – Commitments and Monitoring (p.28)	Lack of Information (See Section 3.10)	<ul style="list-style-type: none"> The section mentions that "during the EA, a monitoring framework will be developed...", but little information is provided regarding the framework It is not clear from the ToR what a monitoring framework actually is. When and who will develop it? 	<ul style="list-style-type: none"> It would be much more effective (and appropriate) if a monitoring <u>program</u> (rather than simply a monitoring <u>framework</u>) is presented as part of the EA report Information regarding when and who will

Section of ToR	Issue	Specific Points	Significance of Issue
		Who will determine if it is adequate?	develop the monitoring framework/program and who will determine whether it is adequate would strengthen the ToR
Section 10 – Commitments and Monitoring (p.28)	Socio-economic monitoring (See Section 3.9)	<ul style="list-style-type: none"> This section of the ToR does not mention any form of socio-economic monitoring (e.g., employment numbers, number of contracts) 	<ul style="list-style-type: none"> Since socio-economic monitoring is a standard component of any project monitoring framework or monitoring program, including socio-economic monitoring in the ToR would strengthen the ToR
Section 11 – Consultation Plan and Consultation to Date (p.29)	Compliance with Provincial expectations of Aboriginal consultation	<ul style="list-style-type: none"> The proponent states that its consultation plan is intended to comply with MOE's "Code of Practice: Consultation in Ontario's Environmental Assessment Process" According to the ToR, the "Code of Practice" document states that a Consultation Plan must "indicate how potentially interested and affected persons, including Aboriginal peoples, will be identified, notified and consulted" (p.29) 	<ul style="list-style-type: none"> The proponent appears to satisfy provincial government's Aboriginal considerations for a Consultation Plan
Section 11 – Consultation Plan and Consultation to Date (p.30)	Consultation activities in Aboriginal languages (See Section 3.3)	<ul style="list-style-type: none"> The various activities described as being contained in the Consultation Plan (community and stakeholder meetings, project website, plain language project information sheets, project newsletter, Frequently Asked Questions document, documents available for review, notices published in local newspapers and posted in local communities) do not mention use of Aboriginal languages 	<ul style="list-style-type: none"> If information used in the public consultation process is not provided in Ojibway, Cree and/or Oji-Cree, some segments of the First Nation community population may be excluded from participation in the public consultation activities and process as a whole
Section 12 – Flexibility to Accommodate New Circumstances	NONE	N/A	N/A
Section 13 – Other Approvals Required (p.39)	Aboriginal considerations in selection of alternatives	<ul style="list-style-type: none"> In Table 4 (Summary of 'Alternative Methods' of the Project to be Considered in the Environmental Assessment), under the heading "ROW Management Alternatives", input from local First Nations is identified as to be considered in the EA for "the use of mechanical methods to manage vegetation regrowth" and "use of herbicides to manage vegetation regrowth" Other alternative methods identified (besides "ROW Management Alternatives") are: Design Alternatives; Siting of Facilities at Detour Site; and Transmission 	<ul style="list-style-type: none"> Inclusion of First Nation input regarding ROW Management Alternatives is important, as mechanical and herbicidal methods for vegetation regrowth management may be matters of concern to local First Nations and/or may affect traditional activities in the area The lack of including First Nation concerns in the rest of the table is not a significant issue, as Section 5 of the ToR describes how First Nation concerns have caused route E (which is the only routing option

Section of ToR	Issue	Specific Points	Significance of Issue
		<p>Line Routing</p> <ul style="list-style-type: none"> None of these other alternative methods are associated in the table with Aboriginal concerns/issues 	<p>close to a First Nation community) to be abandoned</p>
Section 13 – Other Approvals Required (p.41)	Non-TK First Nations Information Source for Environmental Components (See Section 3.4)	<ul style="list-style-type: none"> In Table 6 (Summary of Environmental Components to be Profiled), 5 socio-cultural aspects are identified: social; land use; power-related infrastructure; heritage and cultural resources; and visual environment Of these 5 socio-cultural aspects, one (heritage and cultural resources) mentions First Nations in the "Item to be Profiled" column: it states, "new data to be derived from Traditional Knowledge studies with local First Nations" The description of the "Item to be Profiled" for each of the other socio-cultural aspects is "baseline conditions in the vicinity of proposed project components from available data sources" neither specifically identifies First Nations as a data source, nor precludes them as a data source The 5 components of the terrestrial environment identified in the table (geology, terrestrial habitat, wildlife, migratory birds, and rare and endangered species) also neither specifically identify First Nations as a data source, nor precludes them as a data source, simply stating: is "baseline conditions in the vicinity of proposed project components from available data sources" for each "Item to be Profiled" 	<ul style="list-style-type: none"> In the absence of mentioning First Nations as a data source for 4 of the 5 socio-cultural aspects and all 5 of the terrestrial environment components, it can be assumed that First Nations will not be contacted as an information source on these environmental components Not collecting Traditional Knowledge from local First Nations on all terrestrial environment items and socio-cultural items (as well as some aquatic environment items such as fisheries and aquatic habitat) may result in incomplete information on these environmental components
Section 13 – Other Approvals Required (p.41)	Lack of Information (See Section 3.10)	<ul style="list-style-type: none"> In Table 6 (Summary of Environmental Components to be Profiled), the potential data sources for each criterion/indicator is not provided (as per Section 4.2.7 of the <i>Code of Practice for Preparing and Reviewing Terms of Reference for Environmental Assessments in Ontario</i>) 	<ul style="list-style-type: none"> Inclusion of potential data sources for each criterion/indicator would strengthen this section of the ToR
Section 13 – Other Approvals Required (p. 42)	First Nations as an Information Source for Environmental Components (See Section 3.4)	<ul style="list-style-type: none"> Table 7 (Summary of Potential Environmental Data Sources) lists 9 potential data sources The 3rd of the potential data sources is explicitly Aboriginal: it states "Traditional Knowledge studies with local First Nations" The 9th of the potential data sources may have First 	<ul style="list-style-type: none"> Not explicitly identifying First Nations in the description of the 9th potential data source could imply that the proponent may view Traditional Knowledge studies as the only First Nation source of environmental data (i.e., not considering members of First Nation communities or First Nation organizations as

Section of ToR	Issue	Specific Points	Significance of Issue
		Nations implied, as it states "Information that may be provided by stakeholders through the EA process" – this could include First Nation communities and First Nation organizations	potential sources of environmental data)
Section 13 – Other Approvals Required (p.43)	First Nation communities identified	<ul style="list-style-type: none"> Table 8 (Communities in the Region) identifies 6 communities 3 of the 6 communities listed are First Nations: Moose Factory, Taykwa Tagamou, and Wahgoshig 	<ul style="list-style-type: none"> The proponent appears to be sufficiently aware of the First Nation communities in the vicinity of the proposed project
Appendix A (Consultation Plan) – Sec. 1 (p. A-1)	First Nations identified as a stakeholder group	<ul style="list-style-type: none"> The introduction to the Consultation Plan identifies Aboriginal people as a stakeholder group for the ToR and EA processes 	<ul style="list-style-type: none"> The proponent appears to be aware of the need to consult First Nation communities during both the ToR and EA processes
Appendix A (Consultation Plan) – Sec. 2 (p. A-2)	First Nations identified as a stakeholder group	<ul style="list-style-type: none"> The description of the Consultation Plan framework states that MOE's "Code of Practice: Consultation in Ontario's Environmental Assessment Process" dictates that a Consultation Plan must "indicate how potentially interested and affected persons, including Aboriginal peoples, will be identified, notified and consulted" 	<ul style="list-style-type: none"> The proponent appears to be aware of the provincial government's Aboriginal considerations for a Consultation Plan
Appendix A (Consultation Plan) – Sec. 3 (p. A-3)	First Nations identified as a stakeholder group	<ul style="list-style-type: none"> Detour Gold's consultation policy includes and explicitly identifies Aboriginal peoples in its stated commitment "to developing the Detour Lake Project in the spirit of full and open dialogue with local and regional stakeholders" 	<ul style="list-style-type: none"> The proponent appears to be sufficiently aware of the importance of – and need to – consult First Nation peoples as part of the ToR and EA processes
Appendix A (Consultation Plan) – Sec. 3 (p. A-3)	Customizing consultation activities to accommodate First Nations culture	<ul style="list-style-type: none"> Detour Gold's consultation policy includes a commitment to "using varied and culturally appropriate engagement activities" to "engage and share information in an open, honest and transparent manner" Detour Gold's principles of engagement includes "flexible", stating that it will "ensure that meaningful opportunities for input [from interested individuals and stakeholders] are provided" 	<ul style="list-style-type: none"> The proponent appears to be sufficiently aware of the importance of using engagement activities that are suitable to First Nation cultures
Appendix A (Consultation Plan) – Sec. 3 (p. A-4)	Including First Nations early in consultation stage	<ul style="list-style-type: none"> The proponent states that Aboriginal stakeholders (First Nations, Métis) were one of the categories of key stakeholders identified early in the consultation stage Of the 4 criteria for identifying interested stakeholders, one explicitly addresses First Nations, stating "Aboriginal groups with traditional lands encompassing the Project site and its related proposed infrastructure 	<ul style="list-style-type: none"> The proponent appears to be sufficiently aware of the importance of identifying First Nations as key stakeholders at the outset of the ToR and EA consultation processes

Section of ToR	Issue	Specific Points	Significance of Issue
		<ul style="list-style-type: none"> The other 3 criteria are proximity to the project; past or current interest in similar projects or developments in the region; and interest in potential biophysical and socio-economic environmental effects of the project 	
Appendix A (Consultation Plan) – Sec. 3 (p. A-5)	Supporting First Nation participation in EA process	<ul style="list-style-type: none"> The proponent states that, out of recognition that some Aboriginal communities will require support to participate meaningfully in the EA process, Detour Gold has been working on Memorandums of Understanding (MOUs) with Aboriginal communities in the region These MOUs provide for agreeable terms for supporting Aboriginal participation 	<ul style="list-style-type: none"> The proponent appears to be sufficiently aware of the fact that challenges to meaningful participation of First Nations in EA processes can exist, and has made efforts (through MOUs) to address these challenges
Appendix A (Consultation Plan) – Sec. 4 (p. A-6)	Aboriginal agreements	<ul style="list-style-type: none"> The consultation purpose of Phase 1 – which specifically identifies Aboriginal groups (among other stakeholder) – mentions “building positive working relationships” and “during this phase, agreements were being negotiated that set in place the expectations and process by which consultation and participation in the preparation of the EA” No other stated “purpose” within Phases 2 – 4 specifically address Aboriginal peoples or issues 	<ul style="list-style-type: none"> The value of creating agreements with Aboriginal groups early in the consultation process is realized by the proponent
Appendix A (Consultation Plan) – Sec. 4 (pp. A-6 to A-11)	Including Aboriginal Issues in Consultation Objectives	<ul style="list-style-type: none"> The proponent’s Consultation Plan is structured into 4 phases: <ul style="list-style-type: none"> Phase 1 – Pre-consultation and informal stakeholder relationship building (2007-2008) Phase 2 - ToR consultation (Aug 2009 – Jan 2010) Phase 3 – EA consultation (Jan – Sept 2010) Phase 4 – Post approvals / on-going engagement (life of project) Of the 5 consultation objectives listed for Phase 1, objectives # 2, 3 and 4 specifically identify Aboriginal communities. These objectives are focused on “effective working relationships”, “building trust”, “discuss[ion of] preliminary project plans” and “develop[ing] working agreements”. Objective #1 mentions “cultural awareness”, therefore implying Aboriginal consultation Of the 4 consultation objectives listed for Phase 2, one 	<ul style="list-style-type: none"> Specifically identifying Aboriginal communities in the consultation objectives for each phase of the Consultation Plan will enable First Nations to hold the proponent accountable for consulting them throughout the ToR, EA and post-approvals periods for the project

Section of ToR	Issue	Specific Points	Significance of Issue
		<p>objective (#3) mentions engaging Aboriginal communities, in the context of reviewing environmental information, "including Traditional Knowledge and archaeology"</p> <ul style="list-style-type: none"> • Of the 5 consultation objectives listed for <u>Phase 3</u>, one objective (#5) mentions engaging Aboriginal communities, in the context of collecting and reviewing environmental baseline information, "including Traditional Knowledge and archaeology" • There are no specific consultation objectives listed for <u>Phase 4</u>; however, the description of the phase states that "Aboriginal groups will be part of on-going consultation efforts", with the condition that such consultation activities "may be largely dependent upon... what has been specified in Aboriginal agreements (if any)" 	
Appendix A (Consultation Plan) – Sec. 4 (pp. A-6 to A-11)	Including Aboriginal Issues in Consultation Activities (See Section 3.3)	<ul style="list-style-type: none"> • Of the 5 consultation activities listed for <u>Phase 1</u>, activities, two of them (bullets # 2 and #3) specifically mention Aboriginal involvement: <ul style="list-style-type: none"> ○ Activity #2 states hosting informal meetings, mine site tours and presentations to Aboriginal communities ○ Activity #3 mentions meeting Aboriginal leadership regarding development of MOUs and/or impact-benefit agreements • Of the 8 consultation activities listed for <u>Phase 2</u>, activities, two of them (bullets # 5 and #6) specifically mention Aboriginal involvement: <ul style="list-style-type: none"> ○ Activity #5 mentions on-going discussions with Aboriginal stakeholders to discuss the proposed ToR ○ Activity #6 mentions public meetings/open houses possibly being hosted in the identified Aboriginal communities (i.e., Moose Factory, Taykwa Tagamou and Wahgoshig) • Of the 5 consultation activities listed for <u>Phase 3</u>, activities, one of them (bullet #2) specifically mentions Aboriginal involvement <ul style="list-style-type: none"> ○ Activity #2 mentions Aboriginal people in the 	<ul style="list-style-type: none"> • Specifically identifying Aboriginal communities in the consultation activities for each phase of the Consultation Plan will enable First Nations to hold the proponent accountable for consulting them throughout the ToR, EA and post-approvals periods for the project • The absence, however, of any mention of producing plain language summaries in appropriate Aboriginal languages is a matter of concern

Section of ToR	Issue	Specific Points	Significance of Issue
		<p>context of community meetings, open houses and key stakeholder workshops</p> <ul style="list-style-type: none"> There are no specific consultation activities listed for Phase 4; however, the description of the phase states that "Aboriginal groups will be part of on-going consultation efforts", with the condition that such consultation activities "may be largely dependent upon... what has been specified in Aboriginal agreements (if any)" 	
Appendix A (Consultation Plan) – Sec. 4 (pp. A-6 to A-11)	Production of materials in Aboriginal languages (See Section 3.3)	<ul style="list-style-type: none"> The consultation activities listed for Phase 2 identifies materials such as the draft ToR (1st bullet), the ToR (3rd bullet), <ul style="list-style-type: none"> Activity #5 mentions on-going discussions with Aboriginal stakeholders to discuss the proposed ToR Of the 5 consultation activities listed for Phase 3, activities, one of them (bullet #2) specifically mentions Aboriginal involvement <ul style="list-style-type: none"> Activity #2 mentions Aboriginal people in the context of community meetings, open houses and key stakeholder workshops Activity #3 mentions the distribution of plain language summaries, but does not state that these summaries will be produced in Aboriginal languages Activity #4 mentions the distribution of project newsletters via mailing list, but does not state that these summaries will be produced in Aboriginal languages 	<ul style="list-style-type: none"> The absence of any mention of producing plain language summaries and newsletters in appropriate Aboriginal languages is a matter of concern
Appendix A (Consultation Plan) – Table 1 (p. A-12)	Aboriginal stakeholders identified	<ul style="list-style-type: none"> Table of preliminary DLPP stakeholders identifies 8 Aboriginal stakeholders, including Moose Cree First Nation 	<ul style="list-style-type: none"> Moose Cree First Nation is correctly identified as an Aboriginal community that should be consulted for this project
Appendix A (Consultation Plan) – Table 2 (p. A-13)	Consultation evaluation criteria	<ul style="list-style-type: none"> Table of consultation evaluation criteria identifies 3 Results-based criteria: <ul style="list-style-type: none"> Activity involves "a wide cross-section of citizens living in the region or the stakeholders or organizations that it was meant to engage" Activity involves information reaching "the intended audience" 	<ul style="list-style-type: none"> The consultation criteria appear to be adequate These consultation criteria are key to establishing whether or not consultation for the ToR and EA processes were sufficient If First Nations have any issue with the consultation processes, they must have bearing on these consultation criteria

Section of ToR	Issue	Specific Points	Significance of Issue
		<ul style="list-style-type: none"> Activity involves use of community/stakeholder feedback to "influence the outcome" Table of consultation evaluation criteria identifies 5 Process-based criteria: <ul style="list-style-type: none"> Information and project information resources were "broadly accessible" and were made available "in a number of different accessible formats and methods" Early involvement and sharing of information and activities early enough to allow for "meaningful participation" Methods used to engage the target audience were "culturally appropriate" Information was understandable to the participants (plain language) Community's feedback on how they would like to be engaged in the EA were "considered and implemented" 	
Appendix A (Consultation Plan) – Attachment 1 (p. A-14)	Aboriginal stakeholders identified	<ul style="list-style-type: none"> Table of proposed ToR and EA notice publication and posting locations include Moose Cree First Nation band office, 2 other First Nation band offices and Wawatay News 	<ul style="list-style-type: none"> The appropriate First Nation communities and newspaper have been identified
Appendix A (Consultation Plan) – Attachment 2 (p. A-15)	Aboriginal stakeholders identified	<ul style="list-style-type: none"> Table of proposed ToR and EA document review locations include Moose Cree First Nation band office and 2 other First Nation band offices 	<ul style="list-style-type: none"> The appropriate First Nation communities have been identified
Appendix B (Draft ToR Consultation Activities) – Notice of Commencement Publication / Posting Locations (p.B-2)	Aboriginal stakeholders identified	<ul style="list-style-type: none"> Table of publication and posting locations include Moose Cree First Nation band office, 2 other First Nation band offices and Wawatay News 	<ul style="list-style-type: none"> The appropriate First Nation communities and newspaper have been identified (is consistent with those listed in the Consultation Plan)
Appendix B (Draft ToR Consultation Activities) – Draft ToR Document Review Locations (p.B-3)	Aboriginal stakeholders identified	<ul style="list-style-type: none"> Table of ToR document review locations include Moose Cree First Nation band office and 2 other First Nation band offices 	<ul style="list-style-type: none"> The appropriate First Nation communities have been identified (is consistent with those listed in the Consultation Plan)
Appendix B (Draft ToR Consultation Activities) – Courier List for Draft ToR (pp.B-4 to B-7)	Aboriginal stakeholders identified	<ul style="list-style-type: none"> Table includes 14 names associated with 9 Aboriginal communities/organizations, including Moose Cree First Nation 	<ul style="list-style-type: none"> The appropriate First Nation communities and organizations have been identified
Appendix C (ToR)	Aboriginal stakeholders	<ul style="list-style-type: none"> Table of publication and posting locations include 	<ul style="list-style-type: none"> The appropriate First Nation communities and

Section of ToR	Issue	Specific Points	Significance of Issue
Consultation Activities) - Notice of Commencement Publication / Posting Locations (p.C-2)	identified	Moose Cree First Nation band office, 2 other First Nation band offices and Wawatay News	newspaper have been identified (is consistent with those listed in the Consultation Plan)
Appendix C (ToR Consultation Activities) - Draft ToR Document Review Locations (p.C-3)	Aboriginal stakeholders identified	<ul style="list-style-type: none"> Table of ToR document review locations include Moose Cree First Nation band office and 2 other First Nation band offices 	<ul style="list-style-type: none"> The appropriate First Nation communities have been identified (is consistent with those listed in the Consultation Plan)
Appendix C (ToR Consultation Activities) - Courier List for Draft ToR (pp.C-4 to C-9)	Aboriginal stakeholders identified	<ul style="list-style-type: none"> Table includes 14 names associated with 9 Aboriginal communities/organizations, including Moose Cree First Nation 	<ul style="list-style-type: none"> The appropriate First Nation communities and organizations have been identified

The following table presents the findings of DPRA's review of the Record of Consultation, section by section. For each issue identified, specific points and significance of the issue are provided. If the text in "Significance of Issue" is in bold, it is an issue of concern. All such issues of concern are identified – with solutions proposed -- in Section 3 of this report.

Binder 2: Record of Consultation

Section of ToR	Issue	Specific Points	Significance of Issue
Section 2 – Key Stakeholders and Stakeholder Identification (p.2)	First Nations identified as a stakeholder group	<ul style="list-style-type: none"> Aboriginal stakeholders (including First Nations) is one of the 6 stakeholder categories identified [same as list of stakeholder categories provided in p.4 of the Consultation Plan in Appendix A of the ToR] 	<ul style="list-style-type: none"> Already covered in ToR table above
Section 2 – Key Stakeholders and Stakeholder Identification (p.2)	Criteria for identifying stakeholders	<ul style="list-style-type: none"> Of the 4 criteria for identifying interested stakeholders, one explicitly addresses First Nations, stating "Aboriginal groups with traditional lands encompassing the Project site and its related proposed infrastructure" [same as text provided in p.4 of the Consultation Plan in Appendix A of the ToR] 	<ul style="list-style-type: none"> Already covered in ToR table above
Section 2 – Key Stakeholders and Stakeholder Identification (p.3)	Aboriginal stakeholders identified	<ul style="list-style-type: none"> Table of preliminary DLPP stakeholders identifies 8 Aboriginal stakeholders, including Moose Cree First Nation [same as Table 1 provided in p.12 of the Consultation Plan in Appendix A of the ToR] 	<ul style="list-style-type: none"> Already covered in ToR table above
Section 3 – Consultation Activities by Phase (p.4)	Aboriginal agreements	<ul style="list-style-type: none"> The consultation purpose of Phase 1 – which specifically identifies Aboriginal groups (among other stakeholder) -- mentions "building positive working relationships" and "during this phase, agreements were being negotiated that set in place the expectations and process by which consultation and participation in the preparation of the EA" [same as "Consultation Purpose" provided in p.6 of the Consultation Plan in Appendix A of the ToR] No stated "purpose" within Phase 2 specifically addresses Aboriginal peoples or issues 	<ul style="list-style-type: none"> Already covered in ToR table above
Section 3 – Consultation Activities by Phase (pp.4-7)	Including Aboriginal Issues in Consultation Objectives	<ul style="list-style-type: none"> [same as "Consultation Objectives" provided in pp.6-9 of the Consultation Plan in Appendix A of the ToR] 	<ul style="list-style-type: none"> Already covered in ToR table above
Section 3 – Consultation Activities by Phase (pp.4-7)	Including Aboriginal Issues in Consultation Activities	<ul style="list-style-type: none"> [same as "Consultation Activities" provided in pp.6-9 of the Consultation Plan in Appendix A of the ToR] 	<ul style="list-style-type: none"> Already covered in ToR table above

Section of ToR	Issue	Specific Points	Significance of Issue
Section 3 – Consultation Activities by Phase (pp.6-7)	Production of materials in Aboriginal languages (See Section 3.3)	<ul style="list-style-type: none"> The “evaluation criteria” mentions printed materials such as “draft ToR”, “notification of the draft ToR”, “Notice of Commencement”, and “copy of the proposed ToR” No mention is made of any of these printed materials being made available in Aboriginal languages (e.g., Ojibway, Cree, Oji-Cree) 	<ul style="list-style-type: none"> While it cannot be expected that the draft ToR or proposed ToR documents be translated into Cree syllabics, it is noteworthy that no mention of smaller materials such as notifications and notices of commencement being made available in any Aboriginal language
Section 3 – Consultation Activities by Phase (p.7)	Support for meaningful consultation with Aboriginal stakeholders	<ul style="list-style-type: none"> The last bullet under the heading “Evaluation Criteria” states that “all Aboriginal groups requiring support for reviewing the ToR are supported by Detour Gold, so that meaningful consultation can occur” 	<ul style="list-style-type: none"> Providing Aboriginal communities/organizations with support to review the ToR demonstrates the proponent’s understanding of capacity constraints within First Nation communities and organizations
Section 4 – Stakeholder and Aboriginal Comments by Phase (p.9)	Recording of Aboriginal Concerns	<ul style="list-style-type: none"> Table 2 (Key Interests and Concerns Identified During Phase 1 Consultation) lists 7 key interests/concerns, two of which are Aboriginal in subject matter: <ul style="list-style-type: none"> The 4th bullet states that it is “of interest for Aboriginal communities who are interested in identifying viable business and long-term opportunities to sustain their communities and quality of life” The 5th bullet states that “ensuring that proper consultation protocols are followed with Aboriginal communities” was a concern 	<ul style="list-style-type: none"> Appears to satisfy the <i>Code of Practice for Preparing and Reviewing Terms of Reference for Environmental Assessments in Ontario</i>
Section 4 – Stakeholder and Aboriginal Comments by Phase (p.10)	Recording of Aboriginal Concerns	<ul style="list-style-type: none"> Table 3 (Key Interests and Concerns Identified to Date During Phase 2 Consultation on ToR) lists 7 key interests/concerns, two of which are clearly Aboriginal, and one more is potentially Aboriginal: The 5th bullet states a concern to “include traditional knowledge studies into the EA” The 7th bullet states a concern to “ensure that potentially affected Aboriginal Communities have an opportunity to review draft ToR” The 6th bullet states a concern that the consultation include trappers (but does not specify whether Aboriginal or non-Aboriginal trappers are being referred to) 	<ul style="list-style-type: none"> Appears to satisfy the <i>Code of Practice for Preparing and Reviewing Terms of Reference for Environmental Assessments in Ontario</i>
Appendix A – Table APPA-1 (Phase 1 Aboriginal Consultation / Engagement)	Record of First Nation Consultation	<ul style="list-style-type: none"> Table identifies all forms of contact with Aboriginal communities/organizations during Phase 1 of the project 	<ul style="list-style-type: none"> Appears to satisfy the <i>Code of Practice for Preparing and Reviewing Terms of Reference for Environmental Assessments in Ontario</i>

Section of ToR	Issue	Specific Points	Significance of Issue
		<ul style="list-style-type: none"> Moose Cree First Nation is identified 17 times in the table, and includes letters, meetings, emails, and phone calls between the proponent and the First Nation Topics of contact include land ownership changes around the mine; possible contractual and business opportunities provided by the project; Homelands Declaration; development of agreements; archaeological survey and TEK support; MOU negotiations Excepting one incident (in which follow-up was noted), the table states that no proponent follow-up is required for these items 	
Appendix A – Table APPA-4 (Phase 2 Aboriginal Consultation / Engagement)	Record of First Nation Consultation	<ul style="list-style-type: none"> Table identifies all forms of contact with Aboriginal communities/organizations (to date) during Phase 2 of the project Moose Cree First Nation is identified once, stating that the Draft ToR was issued to Chief Norman Hardisty on September 23, 2009 for comment. The table states that no proponent follow-up is required for this item 	<ul style="list-style-type: none"> Appears to satisfy the <i>Code of Practice for Preparing and Reviewing Terms of Reference for Environmental Assessments in Ontario</i>
Appendix A – Table APPD-6 (Phase 1 Comments and Interests – Moose Cree First Nation)	Record of First Nation Consultation	<ul style="list-style-type: none"> The table notes of 3 comments provided by the Moose Cree First Nation / Moose Band Development Corporation: one by letter (regarding job opportunities) and two by meetings with the proponent (regarding Impact Benefit Agreement and contracts). Proponent's response to each comment is included in the table 	<ul style="list-style-type: none"> Appears to satisfy the <i>Code of Practice for Preparing and Reviewing Terms of Reference for Environmental Assessments in Ontario</i>

DOCUMENT INFO

Name: 225 Roc 10-01-13 Letter - Proposed Tor - Detour
Response To.tif

Size: 414KB (423,818 bytes)

Modified: Tuesday, Oct 05, 2010 11:59:14 AM

DOCUMENT INFO



January 13, 2010

Mr. Fred Hunter
Executive Director
Moose Cree First Nation
P.O. Box 190
Moose Factory, Ontario
P0L 1W0

Dear Mr. Hunter:

Re: Comments on Detour Lake Power Project Terms of Reference

We are in receipt of your letter of January 4, 2010 with comments from your consultant DPRA responding to the Detour Lake Power Project Proposed Terms of Reference (ToR). Thank you for taking the time to review the ToR and providing your comments and suggestions. Attached is a table summarizing / paraphrasing the comments received along with Detour Gold's response.

We look forward to continuing to actively engage you in the Detour Lake Project and trust you will find responses to your comments satisfactory. If you have any additional comments or questions, please don't hesitate to contact us.

Sincerely,

Derek Teevan
VP Aboriginal and Government Affairs

Cc: Sheila Daniel, AMEC Earth & Environmental
Alex Blasko, Ontario Ministry of Environment
Ernest Rickard, MCFN Negotiation Team



Summary of Moose Cree Comments	Detour Gold (DG) Response
<p>Section 3 - No information is provided on the amount of effort required for construction of the DLPP components. Without an explicit commitment by the proponent regarding employing First Nation members or Aboriginal companies in construction of the DLPP (either in absolute numbers or a percentage of the total construction labour required), First Nations are unsure of the proponent's intended role for them in project construction. [paraphrased]</p>	<p>DG is currently actively engaged in negotiations with the Moose Cree First Nation on an Impact Benefits Agreement that will specify employment and procurement opportunities.</p> <p>Workforce requirements will be provided within the Environmental Assessment (EA) document at a level of detail appropriate for the Detour Lake Power Project (DLPP).</p>
<p>Section 4 - The description of the project is not extensive enough. The DLPP should be described in enough detail that the audience may fully understand the scope, magnitude and duration of potential impacts. Properly scaled maps are also required. [paraphrased]</p>	<p>The scope, magnitude and duration of potential impacts of the DLPP will be detailed within the EA document as indicated in the ToR.</p> <p>DG will continue to actively engage the Moose Cree First Nation in the preparation and review of the Environmental Review for the DLPP to help ensure that potential environmental impacts are understood.</p>
<p>Section 5 - None of the screening criteria for project alternatives addressed First Nations. The aspect that comes closest to addressing First Nation concerns is "sensitive environmental features". If the proponent wants to assure First Nations that their concerns will be addressed in the issue of considering project alternatives, it would be best that at least 1 aspect directly address First Nation concerns.</p>	<p>The screening criteria were defined based on Page 16 of the MOE guide for "Preparing and Reviewing Terms of Reference for Environmental Assessments in Ontario"</p> <p>DG is working with local aboriginal groups to collect Traditional Knowledge (TK) within a 5 km buffer centred on the preferred power line route (Alternative A).</p> <p>One of the goals of the TK studies is to identify sites that should be avoided because of their value(s) and use by Aboriginal groups. Avoidance measures will be determined in full consultation with the potentially affected Aboriginal Group.</p>
<p>Section 5 - 3 considerations that may over-ride the screening criteria were identified, none of which either directly or indirectly address First Nations. The consideration that comes closest to addressing First Nation concerns is "substantive and unnecessary disruption to the natural or socio-economic environment compared with other viable alternatives". If the proponent wants to assure First Nations that their concerns will be addressed in the issue of considering project alternatives, it would be best that at least 1 of the over-riding considerations directly address First Nation concerns.</p>	<p>DG has defined the "socio-economic" environment to include consideration of Aboriginal use and values associated with the land. This definition of socio-economic (or "human") environment will be given in the EA document to help readers understand the evaluation and assessment of alternatives.</p>
<p>The conclusion to Section 5.1, while valid, provides very little substantive information to back up the conclusion. For the sake of clarity, more substantive information should be provided in the conclusion regarding alternatives to the DLPP.</p>	<p>The method for evaluating and ultimately selecting the preferred means of supplying power to the Detour Lake Project was outlined in the document. Sources of information used to evaluate the Alternatives were identified in the text. Further information will be provided on request.</p>
<p>Section 5 - The rejection of routing alternative "E" strictly on the grounds of First Nation concerns demonstrates that despite the lack of explicitly Aboriginal screening criteria or considerations for rejecting an alternative, the proponent is aware of - and at least to some degree sensitive to - First Nation concerns/issues.</p>	<p>Noted</p>



Summary of Moose Cree Comments	Detour Gold (DG) Response
In the conclusion to Section 5.2 for the sake of clarity, more substantive information should be provided in the conclusion regarding alternative methods for providing power to the Detour mine project. [paraphrased]	The method for evaluating and ultimately selecting the most preferred Alternative route was clearly outlined in the document. Sources of information used to evaluate the Alternatives were identified in the text.
Section 6 - Should either provide some information on how Valued Ecosystem Components (VECs) will be identified or (if they are identified in Table 6) refer to the table of Environmental Components on p.41 of the ToR.	The means of selecting VECs will be described in the EA document.
Section 6 – In the “Overall Evaluation” subsection, there is no specific mention of Species at Risk -- although they are referenced on page 20 under the list of information to be reviewed. Mentioning specific species at risk would strengthen this section of the ToR. [paraphrased]	Species at Risk were considered as biological organisms in consideration of Effects (adverse) to the Natural Environment. Potential impacts to species at risk will be considered in the EA document as appropriate.
Section 6 - The list of types of data to be collected regarding the socio-economic environment does not include either demographic data or economic data for First Nations and local communities. Demographic and economic data are standard forms of socio-economic data included in environmental assessments; including this information would strengthen this section of the ToR.	Demographic and economic data will be included in the description and assessment of the human environment in the EA document as appropriate.
Section 6 – In the “Overall Evaluation” subsection, it is not clear how the data will be used to make various assessment decisions. Including a description of how data collected will be used to make assessment decisions would strengthen this section of the ToR	The EA document will evaluate the merits of identified alternatives utilizing the information source identified in the ToR (and others) as appropriate. The data sources will provide the background information in order to ensure that the decisions made are well-informed.
Section 7 - The choice of a one-kilometre buffer zone on either side of the ROW as the focus of assessment would seem reasonable in most cases. However, the assessment should include a similar potential zone of impact with respect to any access roads or ancillary developments since these may have environmental impacts. [paraphrased]	Access road and ancillary development and buffer zones where applicable, will be considered within the EA document.
Section 7 - Five species of risk are identified. Including a description of the ranges or habitats of these five species at risk within the context of the project route (as was provided to some degree on Section 7.6 (Wildlife)) – especially since their status warrants more attention than wildlife in general – would produce a more “balanced” description of the environment and therefore strengthen this section of the ToR. [paraphrased]	Species at risk as applicable to the proposed development DLPP will be considered fully within the EA document
Section 8 - The assessment of the environmental effects should consider much more than accidents and malfunctions. It should consider impacts on habitat, (particularly habitat for Species at Risk), noise, waste management, stream and river crossings. Including these would strengthen this section of the ToR.	The text was intended to indicate that environmental effects of the undertaking <i>under normal operating conditions</i> will be considered, as well as resulting from accidents and malfunctions for completeness.
Section 10 - It would be much more effective (and appropriate) if a monitoring program (rather than simply a monitoring framework) is presented as part of the EA report. Information regarding when and who will develop the monitoring framework/program and who will determine whether it is adequate would strengthen the ToR.	The ToR indicated that a monitoring framework will be provided and would include compliance and effects monitoring as appropriate and follow-up programs.



Summary of Moose Cree Comments	Detour Gold (DG) Response
Section 10 - Socio-economic monitoring (e.g., employment numbers, number of contracts) is not mentioned. Since socio-economic monitoring is a standard component of any project monitoring framework or monitoring program, including socio-economic monitoring in the ToR would strengthen the ToR. [paraphrased]	The environmental assessment will consider monitoring of the environment as appropriate.
Section 11 - The proponent appears to satisfy provincial government's Aboriginal considerations for a Consultation Plan.	Noted
Section 11 – The various activities described as being contained in the Consultation Plan do not mention use of Aboriginal language. If this information is not provided in Ojibway, Cree and/or Oji-Cree, some segments of the First Nation community population may be excluded. [paraphrased]	Information materials that are targeted will be provided in local language for Aboriginal communities as requested and as reasonable.
Section 13 – In Table 4 regarding "ROW Management Alternatives", input from local First Nations is identified as to be considered in the EA for "the use of mechanical methods to manage vegetation regrowth" and "use of herbicides to manage vegetation regrowth". This inclusion is important as these matters may be of concern to local First Nations and/or may affect traditional activities in the area. The lack of including First Nation concerns in the rest of the table is not a significant issue, as Section 5 of the ToR describes how First Nation concerns have caused route E (which is the only routing option close to a First Nation community) to be abandoned.	Noted
Section 13, Table 6 – Of the 5 socio-cultural aspects identified, one (heritage and cultural resources) mentions First Nations in the "Item to be Profiled" column. In the absence of mentioning First Nations as a data source for 4 of the 5 socio-cultural aspects and all 5 of the terrestrial environment components, it can be assumed that First Nations will not be contacted as an information source on these environmental components. Not collecting TK from local First Nations on all terrestrial environment items and socio-cultural items (as well as some aquatic environment items such as fisheries and aquatic habitat) may result in incomplete information on these environmental components	DG has been in contact with local aboriginal groups Nations since 2007 and is working collaboratively with these groups to gather and determine potential effects of the DLPP on their traditional land uses, and cultural values in part through the collection of TK.
Section 13, Table 6 - The potential data sources for each criterion/indicator is not provided (as per Section 4.2.7 of the Code of Practice for Preparing and Reviewing Terms of Reference for Environmental Assessments in Ontario. Inclusion of potential data sources for each criterion/indicator would strengthen this section of the ToR.	Potential data sources are provided were identified in Table 7 which follows Table 6. The EA document will include a comprehensive reference list / bibliography.



Summary of Moose Cree Comments	Detour Gold (DG) Response
<p>Section 13, Table 7 lists nine potential data sources. The third of the potential data sources is explicitly Aboriginal: it states "TK studies with local First Nations". The ninth potential data source may have First Nations implied, as it states "Information that may be provided by stakeholders through the EA process" – this could include First Nation communities and First Nation organizations. Not explicitly identifying First Nations in the description of the ninth potential data source could imply that the proponent may view TK studies as the only First Nation source of environmental data (i.e., not considering members of First Nation communities or First Nation organizations as potential sources of environmental data)</p>	<p>DG has requested and provided support so that each of the potentially affected aboriginal communities can gather TK about their past and current use of the land that may be impacted by the DLPP. The TK studies include many aspects of the current and historic natural environment including wildlife, plants, soils/terrain, fish, water as well as human environment including trails/transportation corridors, camps/cabins, and burial or ceremonial areas.</p> <p>Knowledgeable members of the communities have been invited to accompany environmental field surveys including archaeological investigations and caribou tracking, and will continue to be invited as appropriate.</p>
<p>Section 13 – Table 8 identifies 3 First Nations: Moose Factory, Taykwa Tagamou, and Wahgoshig. The proponent appears to be sufficiently aware of the First Nation communities in the vicinity of the proposed project</p>	<p>Noted</p>
<p>Appendix A (p. A-1) - The introduction to the Consultation Plan identifies Aboriginal people as a stakeholder group for the ToR and EA processes. The proponent appears to be aware of the need to consult First Nation communities during both the ToR and EA processes</p>	<p>Noted</p>
<p>Appendix A (p. A-2) - The description of the Consultation Plan framework states that MOE's "Code of Practice: Consultation in Ontario's Environmental Assessment Process" dictates that a Consultation Plan must "indicate how potentially interested and affected persons, including Aboriginal peoples, will be identified, notified and consulted". The proponent appears to be aware of the provincial government's Aboriginal considerations for a Consultation Plan.</p>	<p>Noted</p>
<p>Appendix A (p. A-3) - DG's consultation policy includes and explicitly identifies Aboriginal peoples in its stated commitment "to developing the Detour Lake Project in the spirit of full and open dialogue with local and regional stakeholders". The proponent appears to be sufficiently aware of the importance of – and need to – consult First Nation peoples as part of the ToR and EA processes</p>	<p>Noted</p>
<p>Appendix A (p. A-3) - DG's consultation policy includes a commitment to "using varied and culturally appropriate engagement activities" to "engage and share information in an open, honest and transparent manner". DG's principles of engagement includes "flexible", stating that it will "ensure that meaningful opportunities for input [from interested individuals and stakeholders] are provided". The proponent appears to be sufficiently aware of the importance of using engagement activities that are suitable to First Nation cultures</p>	<p>Noted</p>



Summary of Moose Cree Comments	Detour Gold (DG) Response
<p>Appendix A (p. A-4) - The proponent states that Aboriginal stakeholders (First Nations, Métis) were one of the categories of key stakeholders identified early in the consultation stage. Of the 4 criteria for identifying interested stakeholders, one explicitly addresses First Nations, stating "Aboriginal groups with traditional lands encompassing the Project site and its related proposed infrastructure. The other 3 criteria are proximity to the project; past or current interest in similar projects or developments in the region; and interest in potential biophysical and socio-economic environmental effects of the project. The proponent appears to be sufficiently aware of the importance of identifying First Nations as key stakeholders at the outset of the ToR and EA consultation processes</p>	Noted
<p>Appendix A (p. A-5) - The proponent states that, out of recognition that some Aboriginal communities will require support to participate meaningfully in the EA process, DG has been working on Memorandums of Understanding (MOUs) with Aboriginal communities in the region. These MOUs provide for agreeable terms for supporting Aboriginal participation. The proponent appears to be sufficiently aware of the fact that challenges to meaningful participation of First Nations in EA processes can exist, and has made efforts (through MOUs) to address these challenges.</p>	Noted
<p>Appendix A (p. A-6) - The consultation purpose of Phase 1 – which specifically identifies Aboriginal groups (among other stakeholder) -- mentions "building positive working relationships" and "during this phase, agreements were being negotiated that set in place the expectations and process by which consultation and participation in the preparation of the EA". No other stated "purpose" within Phases 2 – 4 specifically address Aboriginal peoples or issues. The value of creating agreements with Aboriginal groups early in the consultation process is realized by the proponent.</p>	Noted
<p>Appendix A (pp. A-6 to A-11) - The consultation objectives for Phases 1 through 3 and the description of Phase 4 specifically identify or mention Aboriginal communities. Specifically identifying Aboriginal communities in the consultation objectives for each phase of the Consultation Plan will enable First Nations to hold the proponent accountable for consulting them throughout the ToR, EA and post-approvals periods for the project. [paraphrased]</p>	Noted
<p>Appendix A (pp. A-6 to A-11) – Aboriginal communities are identified in the consultation activities for Phases 1 through 3 and in the description of Phase 4. Specifically identifying Aboriginal communities in the consultation activities for each phase of the Consultation Plan will enable First Nations to hold the proponent accountable for consulting them throughout the ToR, EA and post-approvals periods for the project. The absence, however, of any mention of producing plain language summaries in appropriate Aboriginal languages is a matter of concern.</p>	<p>Plain language summaries will be provided in appropriate Aboriginal languages to promote understanding and engagement as requested and as reasonable.</p>



Summary of Moose Cree Comments	Detour Gold (DG) Response
Appendix A (pp. A-6 to A-11) – Regarding activities in Phase 2 and 3 the absence of any mention of producing plain language summaries and newsletters in appropriate Aboriginal languages is a matter of concern.	Noted. Plain language summaries will be provided in appropriate Aboriginal languages to promote understanding and engagement as requested and as reasonable.
Appendix A (p. A-12) – In the Table of preliminary DLPP stakeholders Moose Cree First Nation is correctly identified as an Aboriginal community that should be consulted for this project. [paraphrased]	Noted
Appendix A (p. A-13) – The consultation criteria appear to be adequate. These consultation criteria are key to establishing whether or not consultation for the ToR and EA processes were sufficient. If First Nations have any issue with the consultation processes, they must have bearing on these consultation criteria. [paraphrased]	Noted
Appendix A, Attachment 1 – In the Table of proposed ToR and EA notice publication and posting locations the appropriate First Nation communities and newspaper have been identified. [paraphrased]	Noted
Appendix A, Attachment 2 – In the Table of proposed ToR and EA document review locations the appropriate First Nation communities have been identified. [paraphrased]	Noted
Appendix B (p. B-2) – In the Table of publication and posting locations the appropriate First Nation communities and newspaper have been identified (is consistent with those listed in the Consultation Plan). [paraphrased]	Noted
Appendix B (p. B-3) – In the Table of ToR document review locations the appropriate First Nation communities have been identified (is consistent with those listed in the Consultation Plan). [paraphrased]	Noted
Appendix B (pp. B-4 to B-7) – In the Table the appropriate First Nation communities and organizations have been identified. [paraphrased]	Noted
Appendix C (p. C-2) – In the Table of publication and posting locations the appropriate First Nation communities and newspapers have been identified (is consistent with those listed in the Consultation Plan). [paraphrased]	Noted
Appendix C (p. C-3) – In the Table the appropriate First Nation communities and organizations have been identified. [paraphrased]	Noted
Record of Consultation, Section 3 – While it cannot be expected that the draft ToR or proposed ToR documents be translated into Cree syllabics, it is noteworthy that no mention of smaller materials such as notifications and notices of commencement being made available in any Aboriginal language.	Noted. Information about the project will be provided in appropriate Aboriginal languages to promote understanding and engagement as requested and as reasonable.
Record of Consultation, Section 3 – The last bullet under the heading “Evaluation Criteria” states that “all Aboriginal groups requiring support for reviewing the ToR are supported by DG, so that meaningful consultation can occur”. Providing Aboriginal communities/organizations with support to review the ToR demonstrates the proponent’s understanding of capacity constraints within First Nation communities and organizations.	DG is actively negotiating agreements with First Nations and Métis people that will include provisions for increasing capacity to actively and meaningfully participate in the environmental assessment and throughout all subsequent phases of the project.



Summary of Moose Cree Comments	Detour Gold (DG) Response
Record of Consultation, Section 4 - Table 2 (Key Interests and Concerns Identified During Phase 1 Consultation) lists 7 key interests/concerns, two of which are Aboriginal in subject matter. This appears to satisfy the Code of Practice for Preparing and Reviewing Terms of Reference for Environmental Assessments in Ontario. [paraphrased]	Noted
Record of Consultation, Section 4 - Table 3 (Key Interests and Concerns Identified to Date During Phase 2 Consultation on ToR) lists 7 key interests/concerns, two of which are clearly Aboriginal, and one more is potentially Aboriginal. This appears to satisfy the Code of Practice for Preparing and Reviewing Terms of Reference for Environmental Assessments in Ontario.	Noted
Record of Consultation, Appendix A, Table APPA-1 - Table identifies all forms of contact with Aboriginal communities/organizations during Phase 1 of the project. This appears to satisfy the Code of Practice for Preparing and Reviewing Terms of Reference for Environmental Assessments in Ontario.	Noted
Record of Consultation, Appendix A, Table APPA-4 - Table identifies all forms of contact with Aboriginal communities/organizations (to date) during Phase 2 of the project. This appears to satisfy the Code of Practice for Preparing and Reviewing Terms of Reference for Environmental Assessments in Ontario.	Noted
Record of Consultation, Appendix A, Table APPD-6 - The table notes of 3 comments provided by the Moose Cree First Nation / Moose Band Development. Proponent's response to each comment is included in the table. Appears to satisfy the Code of Practice for Preparing and Reviewing Terms of Reference for Environmental Assessments in Ontario.	Noted

DOCUMENT INFO

Name: 247 Roc 10-02-12 Email - Mocreebec.tif
Size: 76KB (77,736 bytes)
Modified: Tuesday, Oct 05, 2010 12:35:47 PM

DOCUMENT INFO

From: Burgess, Caroline M
Sent: Monday, February 15, 2010 9:09 AM
To: Warren, Meryl
Subject: FW: Discussion on Detour Gold
For SIIMS - this is the response to the last email to McCreebec I just sent you. C

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

From: Derek Teevan [mailto:DTeevan@detourgold.com]
Sent: Friday, February 12, 2010 11:52 AM
To: Burgess, Caroline M
Subject: FW: Discussion on Detour Gold

fyi

From: Derek Teevan
Sent: February 12, 2010 11:51 AM
To: Randy Kapashesit
Cc: Allan Jolly
Subject: RE: Discussion on Detour Gold

Chief: thanks very much for the quick response.

We have forwarded copies of the Detour Gold Project Description and I would be happy to provide additional copies. As well, we have forwarded copies of the Terms of Reference for the Transmission Line EA. A final Transmission line EA document will be ready in the coming weeks.

With regard to the federal and provincial processes, I would like to walk you through what we anticipate they might look like. In short, there will be four:

Federal

- Comprehensive Study Report

Provincial

- Individual Class EA – Transmission Line

- Disposition of Crown Lands

- Temporary onsite diesel

Each of the processes has its own timing, consultation, and approvals process.

In our discussion we can walk through what they are.

Are there specific dates in March that would work well for you and council?

Thanks for your time.

Derek

From: Randy Kapashesit [mailto:randyk@mocreebec.com]

Sent: February 12, 2010 11:37 AM

To: Derek Teevan

Cc: Allan Jolly

Subject: RE: Discussion on Detour Gold

Hi Derek,

Sorry about not getting back to you sooner even though I had meant to. My apologies.

The Detour Project is something we would like to learn more about. My suggestion would be that we set up a time to meet in the near future and in the meantime, if we could identify background documentation that we should review and any federal/provincial processes that are unfolding or about to, that would be helpful.

Please feel free to suggest or provide a list of items from your perspective that we should have prior to a meeting with you. In the meantime, I will prepare a letter and focus on our due diligence requirements and then share that in a letter to you shortly. Thank you for getting back to me.

Randy Kapashesit, Chief

MoCreebec Council of the Cree Nation

From: Derek Teevan [mailto:DTeevan@detourgold.com]

Sent: Friday, February 12, 2010 11:20 AM

To: randyk@mocreebec.com

Subject: Discussion on Detour Gold

Good afternoon Chief Kapashesit:

I've left a few messages on your voice mail at the office but recognize that you're on the road all the time. So, I thought that perhaps email would be the best approach.

Would you be available to meet so that I might give you an update on the proposed Detour Lake Project?

We will be planning some community meetings in the coming months and I want to ensure Mocreebec Council and membership is able to participate.

Please feel free to contact me at the cell number below.

Thanks and all the best.

Derek Teevan

V.P. Aboriginal and Government Affairs

Detour Gold

Royal Bank Plaza, North Tower

200 Bay St, Suite 2040 Box #23

Toronto, ON, M5J2J1

office: 416.304.0800

fax: 416.304.0184

cell: 416.278.2851

dteevan@detourgold.com

DOCUMENT INFO

Name: 248 Roc 10-02-17 Email - Mcfn.tif
Size: 42KB (42,894 bytes)
Modified: Tuesday, Oct 05, 2010 12:35:52 PM

DOCUMENT INFO

From: Burgess, Caroline M
Sent: Thursday, February 18, 2010 2:36 PM
To: Warren, Meryl
Subject: FW: RE:
FOR SIIMS

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

From: Derek Teevan [mailto:DTeevan@detourgold.com]
Sent: Wednesday, February 17, 2010 1:21 PM
To: Burgess, Caroline M
Subject: FW: RE:

From: Derek Teevan
Sent: February 17, 2010 10:47 AM
To: Ernest Rickard
Subject: RE: RE:

Thanks Ernest:

I will get back to you with dates right away.

Can we work together in the mean time on the TK work and planning a community meeting?

All the best.

D

From: Ernest Rickard [mailto:rickardew@live.ca]
Sent: February 16, 2010 1:21 PM
To: Derek Teevan
Subject: RE:

We are Ok with your request and we would like to know when would it be the best time to meet again. Please try to make as early as possible.

> From: DTeevan@detourgold.com
> To: rickardew@live.ca
> Date: Tue, 16 Feb 2010 12:12:22 -0500
> Subject:

>

> Good morning Ernest: could you please confirm that you received my email of yesterday.
> As well, are there rescheduled dates that would work for your team?

- > All the best.
- > Derek

Live connected with Hotmail on your phone. [Learn more.](#)

DOCUMENT INFO

Name: 249 Roc 10-02-17 Email - Trapper Tk Study.tif
Size: 26KB (26,512 bytes)
Modified: Tuesday, Oct 05, 2010 12:35:57 PM

DOCUMENT INFO

From: Burgess, Caroline M
Sent: Thursday, February 18, 2010 2:35 PM
To: Warren, Meryl
Subject: FW: TK - Family Study
FOR SIIMS

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

From: Derek Teevan [mailto:DTeevan@detourgold.com]
Sent: Wednesday, February 17, 2010 3:12 PM
To: Rachel Pineault
Cc: Burgess, Caroline M
Subject: FW: TK - Family Study

fyi

From: Derek Teevan
Sent: February 17, 2010 3:12 PM
To: 'Lillian Trapper'
Subject: TK - Family Study

Good afternoon Lillian:

I hope you are well.

I was wondering if you had received any feedback on the proposal that I sent a few weeks back?

As well, have you had a chance to coordinate a financial advisor for your Mom?

Lastly did you happen to get the information for the old study that Susan Hare had? Should I follow up with her?

Derek

DOCUMENT INFO

Name: 252 Roc 10-03-10 Email - Aecom Ttn.tif
Size: 94KB (95,731 bytes)
Modified: Tuesday, Oct 05, 2010 12:36:05 PM

DOCUMENT INFO

From: Derek Teevan [DTeevan@detourgold.com]
Sent: Wednesday, March 10, 2010 9:18 AM
To: Daniel, Sheila E; Burgess, Caroline M
Subject: FW: Consultation Record
Fyi

From: Wlodarczyk, Tomasz [mailto:Tomasz.Wlodarczyk@aecom.com]
Sent: March 10, 2010 9:13 AM
To: Derek Teevan
Subject: Re: Consultation Record

Aecom is catching up and concern may have overstated things a bit let's talk

From: Derek Teevan <DTeevan@detourgold.com>
To: Daniel, Sheila E <sheila.daniel@amec.com>; Wlodarczyk, Tomasz
Cc: shartwig@mcleod-wood.com <shartwig@mcleod-wood.com>; Burgess, Caroline M
<Caroline.Burgess@amec.com>
Sent: Wed Mar 10 06:08:42 2010
Subject: RE: Consultation Record

Good morning Tomasz:

The Transmission line has been an active part of our conversation with TTN. Indeed much of the focus of the TEK work and comments at community meetings have been based on the routing of the line. Peter Archibald has flown the line with the MNR and archaeological work has also been undertaken.

I note you use the word "concern". Our commitment to TTN includes ongoing engagement and discussion. The Terms of Reference is one component of this environmental assessment to be followed by the actual EA document. Again, this will be part of our ongoing dialogue with the community. I look forward to seeing you again at our workshop session on March 15th.

Derek

From: Daniel, Sheila E [mailto:sheila.daniel@amec.com]
Sent: March 9, 2010 1:36 PM
To: Wlodarczyk, Tomasz
Cc: shartwig@mcleod-wood.com; Derek Teevan; Burgess, Caroline M
Subject: RE: Consultation Record

I have asked Derek Teevan of Detour Gold to respond or direct us, and will get back to you as soon as we can.

A hard copy of the Record of Consultation required for the Terms of Reference for the Individual EA (Transmission Line), was sent out with both the draft and final Proposed Terms of Reference to Chief Sutherland. These documents are attached for your reference and perhaps that is all you were looking for?

Thanks.

Sheila E. Daniel, M.Sc., P.Geo.
Head, Environmental Management
Associate Geoscientist
AMEC Americas

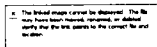
Dir. Tel.: 905-568-1917 ext. 4123
Cell: 416-524-5928

World Skills on Your Doorstep: www.amec.com

From: Wlodarczyk, Tomasz [mailto:Tomasz.Wlodarczyk@aecom.com]
Sent: Tuesday, March 09, 2010 11:56 AM
To: Daniel, Sheila E
Cc: shartwig@mcleod-wood.com
Subject: Consultation Record

Sheila:

In our meeting with the TTN today, there was some concern regarding consultation with TTN on the ToR for the Transmission Line IEA. Can AMEC provide AECOM and the TTN with the consultation record referred to in the Draft ToR ?



Tomasz L. Wlodarczyk
Senior Consultant
AECOM
D: 905.477.8400 x 234
tomasz.wlodarczyk@aecom.com

AECOM
300 Town Centre Blvd., Suite 300
Markham, ON L3R 5Z6
T. 905.477.8400 F.905.477.1456
www.aecom.com

AECOM provides a blend of global reach, local knowledge, innovation and technical excellence in delivering solutions that enhance and sustain the world's built, natural, and social environments. This communication is intended for the sole use of the person(s) to whom it is addressed and may contain information that is privileged, confidential or subject to copyright. Any unauthorized use, disclosure or copying of this communication is strictly prohibited. If you have received this communication in error, please contact the sender immediately. Any communication received in error should be deleted and all copies destroyed.

Please consider the environment before printing this page.

The information contained in this e-mail is intended only for the individual or entity to whom it is addressed.
Its contents (including any attachments) may contain confidential and/or privileged information.
If you are not an intended recipient you must not use, disclose, disseminate, copy or print its contents.
If you receive this e-mail in error, please notify the sender by reply e-mail and delete and destroy the message.

DOCUMENT INFO

Name: 257 Roc 10-03-12 Email - Metis Tek.tif
Size: 38KB (38,574 bytes)
Modified: Tuesday, Oct 05, 2010 01:38:20 PM

DOCUMENT INFO

From: Burgess, Caroline M
Sent: Friday, March 12, 2010 9:54 AM
To: Warren, Meryl
Subject: FW: TK Study suggested approach
Attachments: Metis - TEK Proposed Scope 2010-03-11.doc

For SIIMS. C

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

From: Derek Teevan [mailto:DTeevan@detourgold.com]
Sent: Friday, March 12, 2010 9:36 AM
To: Marcel Lafrance
Cc: Melanie Paradis; Andy Lefebvre; Burgess, Caroline M
Subject: TK Study suggested approach

Good morning Marcel:
I trust you've made it home safely after the PDAC.

As we discussed on Monday evening attached is a draft TK study plan for discussion.

Detour Gold is committed to working with the Consultation Committee and citizens in the James Bay-Abitibi-Temiskamingue region to gather information relevant to assessing the potential for impact on traditional users from the re-development of the Detour Lake mine.

Caroline Burgess and I would be available to present this proposal and develop the work plan that would meet the needs of the MNO-Region 3 Consultation Committee. I acknowledge that the MNO are working to develop a region and provincial wide Métis TK study and hope that gathering of this site specific data would be able to inform the broader study in the future.

Again I appreciate your willingness to partner with Detour.
All the best.

Derek Teevan
V.P. Aboriginal and Government Affairs
Detour Gold
Royal Bank Plaza, North Tower
200 Bay St, Suite 2040 Box #23
Toronto, ON, M5J2J1

office: 416.304.0800
fax: 416.304.0184

cell: 416.278.2851

dteevan@detourgold.com

DOCUMENT INFO

Name: Attach 1 Metis - Tek Proposed Scope 2010-03-11.tif
Size: 274KB (280,442 bytes)
Modified: Tuesday, Oct 05, 2010 01:38:29 PM

DOCUMENT INFO



**DETOUR LAKE PROJECT
TRADITIONAL LAND USE STUDY
James Bay-Abitibi-Temiskamingue Métis**

PROPOSED TERMS OF REFERENCE AND SCOPE OF WORK

March 11, 2010



INTRODUCTION AND BACKGROUND

Recognizing the historic and current traditional land use of the Métis in the proximity of the Detour Lake mine site, Detour Gold Corporation (Detour Gold) is interested in working with the local Métis community to gather their Traditional Ecological Knowledge (TEK¹) of the potentially affected lands used for the proposed mining operation. The TEK data would be used by Detour Gold and the Métis community members to better understand potential environmental effects associated with development of the mine and to ensure the protection of community-held traditional culture and values.

Detour Gold is a Canadian exploration and development company that is proposing to develop a new mine at the location of the former Detour Lake Mine, located approximately 185 kilometers northeast of Cochrane, Ontario. The Detour Lake Mine operated from 1983 to 1999, and was decommissioned with infrastructure removed by Placer Dome/Goldcorp. Detour Gold is proposing to re-develop the site by expanding on the dimensions of the previous open pit, and constructing new milling facilities to process the gold ore. AMEC Earth & Environmental (AMEC) has been contracted by Detour Gold to assist with the environmental aspects of the proposed re-development.

We would like to work with your community members to gather TEK about the study area (proposed study area shown on the attached map). This information will be used to better understand and help to develop mitigation strategies to avoid, or minimize, potential adverse effects of the Project on traditional and cultural values.

The purpose of this draft terms of reference is to provide a starting point for discussion about how the Detour team (Detour Gold and AMEC) could work with Métis community members to gather and interpret TEK. That knowledge would then be applied to help in the re-development of the Detour Lake mine in a way that is respectful of local traditional and cultural values. It is our opinion that working together to share information and gain a better understanding of our collective viewpoints is one of the best ways to strengthen our relationship.

STUDY APPROACH

For this work, we propose to use a participatory research method whereby community members are directly involved in guiding decisions about how the TEK study is carried out, gathering and verifying the TEK from community members, and reviewing/preparing the resulting reports.

We also recommend that a small group of community representatives work closely with us to guide and support the study and verify the study area boundaries, select the interviewer(s) and interviewees, make decisions about field verification, and participate in TEK verification meetings with community members.

¹ For the purposes of this study, TEK will be defined using Usher's TEK categories (Usher, 2000). The focus will be on category 1 and 2 TEK (factual/rational knowledge about the environment and about past and current use of the environment), however, if category 3 and 4 TEK is offered (culturally based value statements or culturally based cosmology/knowledge foundations), this information, if appropriate, will also be documented and used in the environmental assessment, if approved by the Métis community.



We suggest the first step should be a meeting with a small number of community representatives to create a work plan, and discuss the terms in a “TEK Agreement.” This TEK Agreement would outline such things as the study process, compensation for participation, and terms of use for the TEK collected. A draft TEK Agreement is provided for review and discussion.

SUGGESTED STUDY TASKS (for discussion at first meeting)

(1) Review and discuss terms of TEK Agreement

(2) Identify 2 – 3 community representatives to work with us to guide the study. We would decide as a “working group” the following:

- TEK study area – suggested to include the proposed mine site including an appropriate buffer around the site.
- TEK interviewer(s) – who will be responsible for setting up and conducting the interviews
- TEK interviewees – who from the community would be most appropriate to be involved in this study.
- Availability of existing information
- TEK questions (some are suggested below)
- Scheduling of the interviews
- Next meeting dates and communication protocols.

(3) Gather and Review Existing TEK Information

From preliminary discussions with Pierre Gravel on March 1 and 2, 2010, it appears that existing information may be limited or non-existent. However, if there is documentation of TEK, then we would:

- Obtain and review existing TEK information and, with permission from the community representatives, compile this information into a geographic information system (GIS) format.
- Prepare list of gaps from existing information and revise/refine TEK questions to fill these gaps.

(4) Select TEK Study Participants (Interviewer(s), Translator, Interviewees)

- Interviewers could be an individual(s) from the community with an interest in, and/or experience in, interviewing Elders and others who use the study area for cultural activities (hunting, trapping, fishing, ceremonial) and/or have first hand TEK of the area.
- The interviewer(s) will be responsible for reviewing the interview questions and methodology with the Steering Committee members and completing and writing up the results of the interviews.
- Interviewees will be compensated for the interview with an honorarium in an amount determined in the TEK Agreement. Our understanding from similar work



is that typical honorariums are in the range of \$150 to \$200 per half day interview.

- Interviewees will be required to sign a consent form prior to the interview (sample will be provided if needed/requested).

(5) Develop Questionnaire

A draft questionnaire should be prepared to guide the interview to ensure all aspects are addressed. If a questionnaire has been developed through previous TEK work in the community, and this questionnaire is acceptable for the purposes of this study, then it may be used. If a previously designed questionnaire is not available, then one will be drafted for review by the TEK Steering Committee members.

We suggest that the questionnaire cover the following TEK topics:

Family History - Tell me about your family and the ties you have to this area.

Current and historic hunting – which animals, what time of year, with whom (hunting party make-up), location of hunting areas, typical yearly harvest numbers, observations about animal cycles, movements, condition of the animals and activities in the study area. Also ask for information on related features such as mineral licks, calving sites, denning areas, etc.


Current and historic fishing – which fish, what time of year, with whom, where do they fish (record names of lakes and streams), typical yearly harvest numbers, observations about fish abundance, movements/spanning areas, condition of the fish in the study area lakes and streams.

Current and historic trapping and snaring – any traplines held by Métis community members, what animals are trapped and if this has changed over time, who is involved (junior trapper, other family members), typical harvest numbers (ask if they are willing/able to provide trapping records, however, this is not critical to the success of the study), observations about the animals (abundance, cycles, movements, condition of the animals, etc.). Ask if any snaring of small animals occurs in the study area, who snares, what types of animals are caught.

Current and historic cabins and camps – where are they located, purpose/use of the camp (i.e., for accommodation while hunting, trapping, fishing, or more recreational), travel routes to the cabin, how long they have used the cabin/camp site, how often the cabin is used throughout the year, and what time of year is the cabin/camp used.

Current and historic trails and travel routes – location, method of travel (skidoo, walk, drive), significant locations along the travel routes

Current and historic plant harvesting and use – areas where plants (for food, medicine, building materials) are harvested, when they are harvested, species of plants and their importance/use.



Current and historic ceremonial or other culturally significant sites –What types of ceremonies, how many graves, how old, current use? (If interviewee is willing to share locations, then record, if not, then ask if we can record the general area of the important site so that it can be avoided).

Current and historic consumption of country foods – what percentage of the diet is country food vs. store bought foods.

(6) Conduct Interviews (Guidance on Scheduling and Materials)

- Scheduling:
 - The TEK interviewer(s) would be expected to set up the interview time and location with interviewees and the translator. Interviews should be about 2 to 4 hours in length (taking care not to tire the interviewee) and may need to be conducted over a few sessions.
- Materials:
 - Materials for the interview would be expected to include base map sheets, with TEK icon stickers, markers, coloured pencils, and/or other means to record the data on base maps.
 - Base map sheets would be expected to show communities, roads, water features and traplines for landmarking. Map sheets should also include the boundaries of the study area, and the mine site/transmission line corridor.
 - Questionnaires (hard copy) should also be brought to help guide questioning with each question at the top of a page so that information can be recorded under the question.
 - Use of a laptop computer may or may not be appropriate and should be considered only if the interviewer and interviewee are comfortable with this.
 - The use of a tape or video recorder should be considered if the interviewer and interviewee are comfortable with this, so that transcripts of the interview may be recorded. Recordings will be the property of the Métis community following transcription.

(7) Field reconnaissance

Based on deliberation of the TEK working group, field visits to verify certain locations of traditional land uses may be necessary.

(8) Reporting and Data Mapping

Once interviews are completed TEK study reports will be compiled in draft form. Spatial data should be mapped in GIS format.

(9) TEK Verification Workshop

Once the reports and spatial data are compiled on maps, the TEK Steering Committee would be expected to host a verification workshop, at first involving the interviewees and second involving other members of the Métis community. The purpose of the workshop would be to verify the information that was shared during the interviews and field visits, and to share this information with the community members. The workshop should also

consider how the TEK holders believe the proposed Detour Lake Project could potentially affect their use of the land and focus on ways that these effects could be mitigated (or if positive, could be enhanced).

STUDY SCHEDULE

Task	Target Completion Date
First Meeting	By end of March 2010
Prepare and have approved the TEK Study Agreement	To be determined
Working Group meeting to review terms and scope of the work	To be determined
Orientation for interviewer and set up interviews	To be determined
Conduct interviews	To be determined
Working Group meeting to provide update and discuss need for and method of field verification	To be determined
Field verification (could be combined with Archaeology field work)	To be determined
Write up report(s) and prepare maps	To be determined
Review and verification of Traditional Land Use and TEK with Steering Committee and Interviewees (group interview/workshop)	To be determined

ESTIMATED BUDGET

A budget should be prepared to meet the proposed tasks of this work. Payments will be made directly to the designate from the Metis Community Council as agreed and will be made at the start of the study (start up funding), and then disbursed with agreed upon deliverable milestones (e.g., completion of the interviews, completion of the field verification, etc.).

ROLES AND RESPONSIBILITIES

NAME	AFFILIATION	ROLE AND RESPONSIBILITIES
Urgil Courville (r.robin@puc.net)	Northern Lights Métis Council	To be determined
Marcel Lafrance	Regional Councilor and Consultation Committee Chair	To be determined
Pierre Gravel	Northern Lights Métis Council	To be determined
Andy Lefebvre	Natural Resources, Environment, And Community Relations Métis Nation of Ontario	To be determined
Derek Teevan	Detour Gold	Detour Gold contact for Métis Nation and community councils • attends first meeting to make introductions



		<ul style="list-style-type: none">• signs TEK Agreement on behalf of Detour Gold• approves work plan and budget• receives invoices and arrangements for payment• is primary contact for Detour Gold
Caroline Burgess	AMEC	<p>TEK Study Coordinator</p> <ul style="list-style-type: none">• Participates in working group and attends meetings• Works with community to determine work plan• Provides support to study where needed or requested by the working group or Derek Teevan• Ensures that appropriate information is being collected to meet requirements of the environmental assessments• Writes up the TEK portion of the environmental assessments.
Others?		

DOCUMENT INFO

Name: 259 Roc 10-03-13 Email - Mno.tif
Size: 25KB (25,008 bytes)
Modified: Tuesday, Oct 05, 2010 12:36:11 PM

DOCUMENT INFO

From: Burgess, Caroline M
Sent: Saturday, March 13, 2010 6:21 AM
To: Warren, Meryl
Subject: FW: Metis Sign in and comment forms

Attachments: Pages from DG March 2010 Sign-In Sheets - Métis.pdf; Pages from DG March 2010 Comment Forms - Métis.pdf
For siims

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

From: Derek Teevan [mailto:DTeevan@detourgold.com]
Sent: Wednesday, March 10, 2010 11:16 AM
To: Marcel Lafrance
Cc: Andy Lefebvre; Melanie Paradis; Burgess, Caroline M
Subject: FW: Metis Sign in and comment forms

Good morning Marcel:

It was nice to see you at the PDAC. As promised please find attached the sign-in sheets and comment forms from our information sessions in Timmins and Cochrane.

I look forward to sitting down with you to review a draft MOU in the very near future.

All the best.
Derek

DOCUMENT INFO

Name: 260 Roc 10-03-13 Email - Ttn.tif
Size: 27KB (27,573 bytes)
Modified: Tuesday, Oct 05, 2010 12:36:17 PM

DOCUMENT INFO

From: Burgess, Caroline M
Sent: Saturday, March 13, 2010 6:23 AM
To: Warren, Meryl
Subject: FW:
for SIIMS

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

From: Derek Teevan [mailto:DTeevan@detourgold.com]
Sent: Wednesday, March 10, 2010 3:25 PM
To: Burgess, Caroline M
Subject: FW:

fyi

From: Derek Teevan
Sent: March 10, 2010 3:25 PM
To: 'shartwig@coralrapidspower.com'; Dwight Sutherland
Subject:

Chief Sutherland:

Just a quick update to let you know that Sue and I are trying to coordinate the visit to site for March 31.
I look forward seeing you again.

All the best,

Derek Teevan
V.P. Aboriginal and Government Affairs
Detour Gold
Royal Bank Plaza, North Tower
200 Bay St, Suite 2040 Box #23
Toronto, ON, M5J2J1

office: 416.304.0800
fax: 416.304.0184
cell: 416.278.2851

dteevan@detourgold.com

DOCUMENT INFO

Name: 261 Roc 10-03-15 Meeting - Ttn.tif
Size: 862KB (882,031 bytes)
Modified: Tuesday, Oct 05, 2010 11:59:21 AM

DOCUMENT INFO

Detour Gold and Taykwa Tagamou Nation - Technical Representatives Meeting

Location - Cedar Meadows, Timmins, March 15, 2010

Peter Archibald (PA), Sue Hartwig (SH), Tina Gagnon (TG), Wayne Ross (WR), Derek Teevan (DT), Dave Simms (DS), Scott Mackay (SM), Vince Deschamps (VD), Rachel Pineault (RP)

DT: Intro Technical Briefing – a deeper analysis of the EA process. DGC is crafting an EIS

No questions – then we will review the document titled “Taykwa Tagamou Technical Briefing – March 15, 2010”. Details were reviewed of the Forward Looking Stmt and the N43-101. Introduced Detour as a Company and background. The Feasibility Study (FS) will be completed in Q2. We have been to the community twice for consultations. Large purchases must be tendered now to do the work next year or two years from now. Working closely on jobs and TK but we are slowing down in regards to negotiations and we need to flag this because we don’t want TTN to lose business opportunities. Site plan in the document is out of date – we have updated the tailings to three cells and moved the permanent operations camp to the West of where it is now. The explosives factory will be North of where the camp is now on the map.

We have a lot of base line data – people, environment and wildlife. Is there a potential to conduct progressive reclamation during operations to improve environmental performance. Through the EA there will be a lot of opportunity for consultation – the EA predicts what we expect to happen and there will be follow-up monitoring to verify EA predictions. We will be coming to the community with EA documents and a closure plan in the next few weeks.

DS – Any questions on the proposed site plan?

SM – looked at the PFS.

VD – The dash line – what is this?

DS – The dashed line is the Detour lease boundary, which includes much of the proposed development. But Detour also holds claims beyond the lease boundary which it is in the process of taking to lease.

DT – The claim is around 265 Square KM. DGC took this over at the time of purchase. The Detour Lake Project (DLP) will be a high volume low grade, open pit operation. It costs more money to get low grade out. Ore will be milled, and any lower grade material will be stockpiled and milled later if economics warrant.

WR – Will the cutoff grade change with the price of gold?

DT – yes.

DS – the 3rd cell won’t be constructed until approximately year 10-12 of operations.

PA – existing stock piles – is that what you are talking about?

DT – The existing mine rock stockpiles will get excavated to build the roads and provide fill for the plant site area; new mine rock stockpiles will be developed north and south of the open pit during mine operations.

PA – What I am talking about is – you indicated you would process this?

DT – there are two types of piles (mine rock and low grade ore) we are current doing analysis of the low grade ore to see if it is economic to mill this material.

PA – is the price of gold determining this?

DT – Yes. What we call ore is determined by the price of gold. But if you move low grade material too many times at some point it becomes uneconomical. When you double handle material this is expensive.

WS – How high is the existing tailings dam

DS – The existing tailings dam from former operations is about 12 m high, but the expanded tailings dams will be much higher, about 40 to 45 m high.

WS – how much is in there now?

DS – I think about 10-12 million tonnes, but not sure on this. Our plan for the DLP is to raise the existing tailings cell, and then construct a 2nd tailings cell, and alternate use of these two cells, and eventually to construct a 3rd cell later on in the Mine life.

DT – Right now we can't put tailings into the area of the proposed 2nd tailings cell until we have completed the EAs and have the permitting in place, because the muskeg pond in proposed Cell 2 has stickleback (a small fish) in it. Use of this pond requires a Schedule 2 approval under the MMER.

WR – have you cleared the trees from the new tailings areas?

DT – not yet – this will be part of the plan next year.

VD – Will the gold extraction process involve the use of cyanide?

DT – yes

DS – discussion of EA processes.

3 provincial environmental assessments are required

1. Transmission line – 230KV line that is more than 50 KM long, therefore requiring an Individual Provincial EA. This line will follow along the previous right-of-way (ROW) between the Detour Lake site and Island Falls, but will also require an additional 40 km section between Island Falls

and Pinard / Fraserdale to tie into the Provincial grid at a point capable of providing 230 kV power.

2. Class EA – Temp power supply (diesel generator). Once the transmission line is in place the diesel generators will serve as back up power.
3. Crown Lands – This is the largest of the three EAs and will be broad in scope. We are looking to include virtually everything that we think will be in the Federal EA to ensure comprehensive consultation. The Federal process takes a long time to move ahead and the Red Chris decision is affecting and causing further uncertainties. By developing a broader EA with MNR we will have had an opportunity to discuss all of the environmental issues within the provincial process, which should shorten the federal EA process. The federal permits are not on a critical path unlike the provincial permits. We don't need any federal permits until 2012, but we will need provincial permits later this year.

We are looking to start construction later this year.

WR – What is the time line for transmission line construction, and what ROW do you need?

DS – The transmission line will be built this coming winter. Hopefully we can construct in one winter, but if the winter is too mild, it might take two winters. The existing ROW from the previous line was 30M wide, but this will have to be expanded to about 38M for a 230KV line. The extension from Island Falls to Pinard will be constructed immediately adjacent to the existing HONI transmission line ROW, and might therefore not have to be as wide – maybe 25-30m. You can use several crews to construct the line.

DT – our goal is to construct the line this coming winter. Most of the people we have talked to generally support using the existing right of way to construct the line. There were comments from the community to bring the line closer to the Reserve. But it was explained that the 230KV is large and wouldn't meet the community's needs. It is a generation away before it is useable for the community. TTN wants power but this is a separate issue. Using the existing right of way is the preferred option for servicing the Detour site.

VD – ToR I noticed you didn't get much comments back.

DT – This is a high level of assessment and we did have to file a draft ToR. It has its own consultation process and through the process we received some comments. The ToR describes – who we should be consulting with, and what needs to be studied. The ToR has been approved and we are now at the EA document drafting stage. TTN has been very active on the TEK and Peter's family in particular. It is a sensitive area for the community in particular aspects relating to cultural heritage sites and traditional land uses

If there is an issue raised we can still address it.

Sue – I never got the ToR at all.

DT – we mailed it to everyone and I gave your office a copy. We also sent it to the Band Office. We did give out hand copies. It would have been September or October. If you ever feel that you haven't received something or are missing anything let us know and we will provide it.

DS – The ToR we are looking at is for a focused EA. You can screen out alternates as part of the main EA process, or you can screen them out during the ToR stage, especially if there are alternatives that don't make a lot of sense. In this case, what we heard is that it makes the most sense to use existing ROWs, rather than to develop new routes.

S – I just want to make sure we are on the mailing address.

DT – We will make sure that you get everything and that AMEC has your new address.

PA – I remember this information – we have it.

DT – We will make a note and get what Sue needs. ToR and the Archeology Study. Send to Sue, Tina, Wayne, Merv and Peter.

DS – The Temporary power EA will likely be out next week, or shortly thereafter, and it will be sent to everyone. We are hoping to finish this EA by July and then bring generators to site to start building the camp.

SM – You said that you will go beyond what is normally required in the MNR Class EA to help with the later federal EA. Can you give examples.

DS – In the MNR Class EA – you are required to look at alternatives to the project, but not alternative ways of carrying out different parts of the project.

The Federal EA requires you to look at alternative ways of carrying out the EA, as well as such things as the effect of the environment on the project, and the potential for accidents and malfunctions. We are including these additional aspects in the MNR Class EA.

We are going to look at the whole project so that we can streamline consultation. But we realize that we will have to have to do separate consultation on the federal EA, but hopefully we can shorten the federal consultation process, by covering off federal aspects in the MNR EA.

SM - consultation under MNR will deal with the comprehensive components of the EA. Is this correct?

DS – yes & we have requested that the Federal agencies attend the provincial EA consultations to help move the process forward. Federal approvals are not required until 2012. The Federal process is long.

SM – Do you have a desired consultation plan for the MNR & provinces?

DT – We had a plan and CEAA has had the plan for over 6 months. For the EA our hope is to provide draft documents to allow TTN to review prior to public consultations. The Feds have attended site and some meetings. The province is very willing to attend and they want to hear what the community has to say. We are always willing to talk to the families/communities/ negotiating team.

DS – we are required to report on consultations. Our philosophy is to review the project broader and always need to stress what each consultation is specifically for.

S – what is the definition of consultation? You don't want to get so far ahead that communities say there was no consultation.

DT – we are trying to move this ahead and that is why people from TTN here. What is missing to ensure that consultation is happening?

S – we are working with a consultation protocol.

SM – consultation process around EA and the consultation leading to an IBA. How can this fit within a protocol?

DT – When do you think that will come? The document is moving ahead .. Maybe it is always the same people.

S- We can never share too much info. The more info we share the better. TTN newsletter. Is there a lack of info?

TG – We need more time and I am new so how can I share info.

DT – we can take our Fact Sheets and put them on your letterhead, if this helps. I would like to hear how else you would like to be engaged.

S – I like the idea to share the newsletters.

DT- yes you could use our Fact Sheets. **ACTION:** Assist with NEWSLETTER.

TG – will write draft newsletter and we will send it to DGC.

SM – do you want to have some community context?

DT – absolutely, the wrap around should be from the community.

PA- by the 30th 31st we will have everyone up to date. We should be ahead of the group to get people up to date so that we will get a better response.

S – this makes the meeting far more productive, if people have more information ahead of time.

DS – Draft ES report will be out soon (mid April) and based on the comments that we get back we should have the final out in late May or early to mid June. The draft EA is being reviewed internally now. For prep work at the site, we need to get the foundations and shell up for the mill building up. If you miss a

window then things are delayed. We will need the closure plan and permits from MNR and MOE to get started this fall.

DT – in your pkg, an example of table of contents of EA. Sample of the document EA.

ACTION: book next session to review Draft EA. Tentative: April 7th all day at Cedar Meadows.

IESO approval is required for the permanent power supply. This process is separate from the EA process. The power line will go to tender within the next few weeks, to get things ready for this coming winter.

ACTION: Get a copy of the tender to Peter Archibald and a list of the people who have already expressed interest. Send it to Sue, Tina and Peter in paper copies. Electronic to Scott & Vince. Potential bidders include.

1. Vallard

2. PowerTel

3. [REDACTED]

4. [REDACTED]

PA – tenders – are there closing dates?

DT – Yes. Camp catering we have put an extension to this process.

SH – top priority is jobs and training. WE want to take advantage of the opportunities that maybe coming.

Contracts **must focus on** how they will maximize employment and for greater certainty how will BET be maximized. DGC needs to know who to contact for Business Opportunities.

PA – are we still considering a transmission line route on the east side of the Abitibi River

DS – No, because this would require cutting a new ROW east of the river. We want to parallel the existing HONI ROW on the west side of the Abitibi River – the line extreme left of the diagram

SM – The line there currently a Hydro line in this ROW?

DS – Yes, there are two 115 kV lines there now.

SM – What about crossing the park (Little Abitibi River Park)

DT – design features we will take into account. We look at esthetics as well so that you don't see the line especially for canoeists and people enjoying the park. We want to mitigate issues where possible.

DS – is there anything here with our proposal for the hydro line that doesn't make sense?

PA – Does the ministry have concerns with the park or the conservation reserve?

DS – For the Victor line there was concern about the Missinabi River park and a conservation reserve, but ended up putting the new line through both the park and the conservation reserve because there were already transmission lines in these areas, so it made more sense to expand existing ROWs rather than to cut new lines through undisturbed lands.

PA – I have no objection to the proposed line but you may have an objection with Stan. It may come up within the IBA. Why would you want to put it some place else when we have an area cleared already.

RP – Review of employment by Project Phase.

DT – Please provide us with mailing address for BBA. ACTION: provide BBA mailing address

TG – What about employee's who want to go home at night rather than stay on the mine site over night?

DT – The minesite will run 24 hours a day and the shifts will be 12 hours per day. There is a safety issue with people traveling back and forth after a 12 hour shift. People are tired after 12 hours and it is too long of a day to travel.

WR – I worked 2/3 shift at Bell Creek and it was long to travel back home once after my rotation was over.

TG – What happens when someone gets sick on site?

RP - Medical clinic on site with trained medical professionals on site. We will have an ambulance on site if need be to respond to situations and always have an ambulance at our disposal.

PA – Jobs we are talking about within the MOU (15). The training we are talking about is that the training part of the agreement must fall in place in the summer. Training must be provided and we don't want to miss opportunities.

DT – if you are comfortable with it – Tina and Rachel could work on something.

PA – I think we can work on something with Linda and also Neil (Education Administrator). Let's get the training plan reactivated.

DT – Let's take a break & then look at the closure plan.

DT – Closure Plan. There will be a formal closure plan that we will bring to you. Draft will be available in May. Purpose of a closure plan is to restore the site to its original state or as close as possible. We will have ongoing monitoring. The plan includes a plan that ensures animals have safe passage after the mine is closed. The closure plan will make sure things are safe, like barrier's around the open pit while it is flooding, and that the site is revegetated to provide wildlife habitat, such as for Caribou. Specifics pages 25 to 31.

TG – what will happen to the accommodations & plant? Is there a resale option or a give option?

DT – At the end of the Mine Life there will not be a lot of value in the buildings but we cannot predict the future or the viability of these buildings. The issue for the communities is the cost to move this type of buildings – very costly.

PA – What about re-foresting the whole area?

DS – the whole area will be re vegetated and the details will be in the closure plan.

DT- we will seed and plant where appropriate as we go. The focus is to do what we can to maximize reclaim efforts during the life of the mine – progressive reclamation

PA – Transmission line – remove from Island Falls only?

DT – Hydro One - we believe their intention is to put 530KV lines in that corridor. We are going to remove the line from Detour to Island Falls, but not from Island Falls to Pinard, as this will become part of the provincial grid.

PA – Can you reuse the transmission line pools?

DT – there is only one company in Canada. They recycle the wood but there may be another idea later on.

DS – Also important to note that the ore zone that Detour is based on extends further to the west. This area is not well explored but it is possible that there are other reserves. There might be other options that would prolong the mine life, so power could be needed for the longer term.

DT – there may be another use.

PA – there maybe an option for building a sub-division later on

Meeting called to close at 3:30 pm

DOCUMENT INFO

Name: 263 Roc 10-03-22 Email - Mcfn Logistics.tif
Size: 26KB (25,957 bytes)
Modified: Tuesday, Oct 05, 2010 12:36:20 PM

DOCUMENT INFO

From: Burgess, Caroline M
Sent: Tuesday, March 23, 2010 8:18 AM
To: Warren, Meryl
Subject: FW: Detour Briefing
for SIIMS

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

From: Derek Teevan [mailto:DTeevan@detourgold.com]
Sent: Monday, March 22, 2010 3:43 PM
To: Randy Kapashesit
Cc: Burgess, Caroline M
Subject: Detour Briefing

Good afternoon Chief Randy:

We are planning a round of open houses for the week of April 12th. The only day we have booked is Iroquois Falls. Before we do I wanted to check with you to if any of the days or evenings work for a project update and environmental assessment review with Mocreebec.

Thanks for considering our request.
All the best.

Derek Teevan
V.P. Aboriginal and Government Affairs
Detour Gold
Royal Bank Plaza, North Tower
200 Bay St, Suite 2040 Box #23
Toronto, ON, M5J2J1

office: 416.304.0800
fax: 416.304.0184
cell: 416.278.2851

dteevan@detourgold.com

DOCUMENT INFO

Name: 264 Roc 10-04-07 Meeting - Ttn Tek Steering
Committee1.tif

Size: 25KB (25,333 bytes)

Modified: Tuesday, Oct 05, 2010 01:38:33 PM

DOCUMENT INFO

From: Burgess, Caroline M
Sent: Tuesday, April 27, 2010 10:07 AM
To: Warren, Meryl
Subject: FW: Teleconference re Detour Gold TEK

For SIIMS (including the meeting notes attached below)

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

From: Burgess, Caroline M
Sent: Wednesday, April 07, 2010 11:49 AM
To: Nancy Wood; 'Jennifer Simard'; 'peter archibald'; 'Wayne Ross'
Cc: Derek Teevan; Daniel, Sheila E; Simms, David
Subject: RE: Teleconference re Detour Gold TEK

Hello all -

Here are the draft meeting notes from our call today. Any errors or omissions to me please.

Thanks all -

P.S. John Pollock is available for a call on the 15th.

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606



TTN TEK Steering
Committee Mtg...

From: Nancy Wood [<mailto:nwood@mcleod-wood.com>]
Sent: Monday, April 05, 2010 5:20 PM
To: Nancy Wood; Burgess, Caroline M; 'Jennifer Simard'; 'peter archibald'; 'Wayne Ross'
Subject: Teleconference re Detour Gold TEK
When: Wednesday, April 07, 2010 10:00 AM-11:00 AM (GMT-05:00) Eastern Time (US & Canada).
Where:
Importance: High

Dial in number is :(866) 440-8926

Conference ID number: 6668317

DOCUMENT INFO

Name: Attach 1 Ttn Tek Steering Committee Mtg 2010-04-07.tif
Size: 54KB (54,490 bytes)
Modified: Tuesday, Oct 05, 2010 01:38:36 PM

DOCUMENT INFO

**Detour Lake Project
Taykwa Tagamou (TTN) TEK Steering Committee Meeting Notes - DRAFT**

Meeting Date: Wednesday, April 7, 2010

Time: 10 a.m. – 10:45 p.m.

Location: Conference Call

Purpose: To review and discuss progress on TEK Study

Participants:	Caroline Burgess (CB)	AMEC
	Nancy Wood (NW)	Coral Rapids Power
	Peter Archibald (PA)	TTN
	Wayne Ross (WR)	TTN
	Jennifer Simard (JS)	MERC

Distribution: Meeting Participants; Derek Teevan (Detour Gold), Dave Simms (AMEC), Sheila Daniel, AMEC

DISCUSSION:

JS indicated that she had received comments on a preliminary draft of the TEK report.

CB stated that it will be important to know where culturally valued points are within the proposed transmission line right of way.

All agreed that this would include cabins, stick nests, burial sites, etc. and that these points need to be verified by the field visit.

JS will forward Interim Final TEK report to the TEK Steering Committee on April 14th

CB indicated that the draft Archaeology study was sent for their review and asked when the review could be completed. PA has received the draft but would like WR to also review. CB to email the draft report to WR with cc to NW.

Concerns expressed by interviewees and other TTN community members include:

- How much land is being removed for the transmission line right of way
- Turning over the right of way from Island Falls to Pinard to the OPG once Detour Gold no longer needs the power. There is a concern about losing this land forever. TTN wants to ensure that any future leasing of this right of way includes full disclosure and consultation.
- The trapper at Red Sucker River would like his road to be fixed and a boat launch.
- Another trapper near Fraserdale has asked that an additional power pole be erected to supply stepped-down power from Fraserdale to his cabin. PA suggested that this be included in the IBA.
- Other suggestions for mitigation were: no brush piles, consulting all trappers, no ground disturbance, no environmental contamination.

CB suggested that any other concerns about the transmission line should be forwarded today so that they can be included in the Detour Lake Power Project Environmental Assessment.

CB indicated that concerns shared at the previous TEK Steering Committee meeting and the suggested mitigations were incorporated into the EA.

To support the TEK Report and Archaeology a field visit should be planned and executed in the next few weeks.

PA and WR will discuss who should be involved in the field visit and forward names to CB. Preliminary participants include: Stan Sutherland and George Ross from Moosonee and Tom Kioki (Elder from New Post) and William Archibald (Youth representative). WR would also like to participate and is available May 3rd.

NW to set up conference call April 15th at 1 p.m. to discuss field visit and results of TEK Study report.

CB to ask if John Pollock is available for the conference call on April 15th.

DOCUMENT INFO

Name: 270 Roc 10-04-15 Meeting - Ttn Tek Steering
Committee.tif

Size: 42KB (42,220 bytes)

Modified: Tuesday, Oct 05, 2010 11:59:26 AM

DOCUMENT INFO

**Detour Lake Project
Taykwa Tagamou (TTN) TEK Steering Committee Meeting Notes - DRAFT**

Meeting Date: Thursday, April 15, 2010

Time: 1 p.m. – 1:45 p.m.

Location: Conference Call

Purpose: To discuss review of Interim Final TEK Study and Field visits

Participants:	Caroline Burgess (CB)	AMEC
	Nancy Wood (NW)	Coral Rapids Power
	Peter Archibald (PA)	TTN
	Wayne Ross (WR)	TTN
	Jennifer Simard (JS)	MERC
	John Pollock (JP)	Woodland Heritage Services

Distribution: Meeting Participants; Derek Teevan (Detour Gold), Dave Simms (AMEC), Sheila Daniel, AMEC

DISCUSSION:

JS indicated that she will be sending the Interim Final TEK report by the end of today. Review of the report will follow next week.

CB asked if there could be any part of the TEK report released for the Detour Lake Power Project (DLPP) (transmission line) Environmental Assessment. Committee asked if they could review what has been written so far to understand what has already been stated. CB to send draft of the TK section for Committee review (if approved by Detour). CB indicated that the final DLPP EA will be available for public and agency review. PA to determine what portions of the TK study would be able to be part of the DLPP EA.

All discussed planning for TEK field visits and coordination with the Stage 2 Archaeological field work.

Participants for TEK Field visits include:

- Stan Sutherland
- George Ross
- Tom Kioki (Elder from New Post)
- William Archibald (Youth representative)
- Gord ?? (Peter Archibald to contact him as he lived in Island Falls and may know where burials are located)
- Tina Gagnon
- Wayne Ross
- Peter Archibald
- John Pollock and/or Ryan Primrose and/or Mike O'Connor (Archaeology)
- Caroline Burgess/Nancy Wood (optional if available or required)

Weeks that people are available for field visits include week of May 10 and week of May 17th. John Pollock not available until week of May 17th, but Ryan and Mike O'Connor would be available week of May 10th.

Jennifer to recommend areas for field visits in the TEK report.

John and Caroline to review report and determine overlap of areas of TEK interest with areas of Archaeological interest. CB and JP to draft field visit plan/logistics.

Committee to re-convene by phone on April 27th 1 p.m. to review plan.

DOCUMENT INFO

Name: 272 Roc 10-02-17 Email - Mno.tif
Size: 59KB (59,499 bytes)
Modified: Tuesday, Oct 05, 2010 12:36:25 PM

DOCUMENT INFO

From: Burgess, Caroline M
Sent: Thursday, February 18, 2010 2:37 PM
To: Warren, Meryl
Subject: FW: March 1 & 2

FOR SIIMS

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

From: Derek Teevan [mailto:DTeevan@detourgold.com]
Sent: Wednesday, February 17, 2010 10:04 AM
To: Burgess, Caroline M
Subject: FW: March 1 & 2

From: Andy Lefebvre [mailto:AndyL@metisnation.org]
Sent: February 17, 2010 9:16 AM
To: Derek Teevan
Cc: Melanie Paradis; Hank Rowlinson; Marcel Lafrance
Subject: RE: March 1 & 2

Derek,

Sounds like a great plan. I will have our registry branch send me a list of Metis households in Region 3 so that I can print and attach the labels to the envelopes that you will provide me.

Could you provide me with a draft of the letter. I would like to have a quick look at it prior to the mail out. Please use the address below to send me the letters.

Should you have any questions on this, please do not hesitate to contact me.

Best Regards,

Andy M. Lefebvre
Natural Resources, Environment, And Community Relations
Métis Nation of Ontario
347 Spruce St. South, Timmins, On. P4N 2N2
Ph: 705-264-3939 Ph: 888-497-3939
Fx: 705-264-5468
Email: andyL@metisnation.org
Website: www.metisnation.org

National Definition of Métis: "Métis means a person who self-identifies as Métis, is distinct from other Aboriginal peoples, is of Historic Métis ancestry, and is accepted by the Métis Nation."

From: Derek Teevan [mailto:DTeevan@detourgold.com]
Sent: Friday, February 12, 2010 2:51 PM
To: Andy Lefebvre
Cc: Melanie Paradis; Burgess, Caroline M; Warren, Meryl
Subject: March 1 & 2

Andy: I'm going ahead and booking Cedar Meadows (March 1) and the meeting room at Terry's Restaurant Cochrane (March 2).

DO you have a mailing list that we could send notices to your regional citizens in the area
☐ or of course I could have them printed stuffed and you could add the labels.

Derek Teevan
V.P. Aboriginal and Government Affairs
Detour Gold
Royal Bank Plaza, North Tower
200 Bay St, Suite 2040 Box #23
Toronto, ON, M5J2J1

office: 416.304.0800
fax: 416.304.0184
cell: 416.278.2851

dteevan@detourgold.com

DOCUMENT INFO

Name: 273 Roc 10-04-29 Email - Mcfn.tif
Size: 87KB (88,734 bytes)
Modified: Tuesday, Oct 05, 2010 12:36:29 PM

DOCUMENT INFO

From: Burgess, Caroline M
Sent: Thursday, April 29, 2010 2:55 PM
To: Warren, Meryl
Subject: FW: RE:

For SIIMS

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

From: Derek Teevan [mailto:DTeevan@detourgold.com]
Sent: Thursday, April 29, 2010 2:11 PM
To: Martin Bayer; Rachel Pineault; Lucas, Brenda (ENE)
Cc: Burgess, Caroline M
Subject: FW: RE:

FYI

From: Derek Teevan
Sent: April 29, 2010 2:09 PM
To: 'Ernest Rickard'
Subject: RE: RE:

That's what if figured. Thanks.

We have forward a draft presentation to Youhan for first review.

Are you available tomorrow to catch up on TEK work and potentially – tentatively planning community information sessions?

Derek

From: Ernest Rickard [mailto:rickardew@live.ca]
Sent: April 29, 2010 2:07 PM
To: Derek Teevan
Subject: RE:

I forgot to add him on the email sent and I just forward a copy Thanks

From: DTeevan@detourgold.com
To: rickardew@live.ca
CC: norm.hardisty@moosecree.com; colin@salterlaw.ca; john.turner73@gmail.com
Date: Thu, 29 Apr 2010 13:52:26 -0400
Subject: RE: FW:

Ernest:
Thanks for this.
Could you please also copy Nick?
We are going to try and get together next week.
All the best
Derek

From: Ernest Rickard [mailto:rickardew@live.ca]
Sent: April 29, 2010 1:45 PM
To: Derek Teevan
Cc: Chief Norm Hardisty; colin@salterlaw.ca; John Turner
Subject: FW:

This email is to confirm that on behalf of Moose Cree Negotiation Team (Moose Cree First Nation) that Nick Mansell is authorized to enquire the status of the RPF's in regards to the Detour Gold mine development. To advise Detour Gold that Moose Cree First Nation - MCFN businesses have an interest in the bid on the RFPs and exploring potential Joint Venture in the project.

This authorization is consistent within the MOU between Moose Cree First Nation and Detour Gold. We ask the Detour Gold give Nick their full cooperation.

From: DTeevan@detourgold.com
To: rickardew@live.ca
CC: colin@salterlaw.ca; rmbayer@weaversimmons.com
Date: Thu, 29 Apr 2010 13:26:06 -0400
Subject:

Good afternoon Ernest:
I had a quick chat with Nick Mansell today.
Could you please provide me with a note acknowledging that Nick is mandated to discuss the business opportunities with me on behalf of Moose Cree First Nation?

Thanks

Derek Teevan
V.P. Aboriginal and Government Affairs
Detour Gold
Royal Bank Plaza, North Tower
200 Bay St, Suite 2040 Box #23
Toronto, ON, M5J2J1

office: 416.304.0800
fax: 416.304.0184
cell: 416.278.2851

dteevan@detourgold.com

Videos that have everyone talking! Now also in HD! [MSN.ca Video](http://MSN.ca/Video).

Videos that have everyone talking! Now also in HD! [MSN.ca Video.](#)

DOCUMENT INFO

Name: 276 Roc 10-05-04 Email - Mno.tif
Size: 70KB (70,958 bytes)
Modified: Tuesday, Oct 05, 2010 12:36:34 PM

DOCUMENT INFO

From: Burgess, Caroline M
Sent: Wednesday, May 05, 2010 11:49 AM
To: Warren, Meryl
Subject: FW: Schedule Consultation with the COmmittee and Community For SIIMS

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

From: Derek Teevan [mailto:DTeevan@detourgold.com]
Sent: Wednesday, May 05, 2010 11:40 AM
To: Burgess, Caroline M
Subject: Fw: Schedule Consultation with the COmmittee and Community

From: Derek Teevan
To: 'lafrance.m@hotmail.com' <lafrance.m@hotmail.com>
Sent: Wed May 05 11:39:24 2010
Subject: Re: Schedule Consultation with the COmmittee and Community

Thanks Marcel.
Derek

From: Marcel Lafrance <lafrance.m@hotmail.com>
To: Derek Teevan
Sent: Tue May 04 11:40:36 2010
Subject: RE: Schedule Consultation with the COmmittee and Community

Derek I will get back to you as soon as the Consultation Committee sets a date.

Have a good one;

Marcel Lafrance

Region 3 Councilor

**10 Georgina St.
Box 9
Matachewan ON
P0K 1M0**

Tel:1-705-565-2342

Think for yourself, know what you're doing, question authority!

From: DTeevan@detourgold.com
To: Lafrance.m@hotmail.com
CC: MelanieP@metisnation.org; Caroline.Burgess@amec.com
Date: Fri, 30 Apr 2010 12:05:55 -0400
Subject: Schedule Consultation with the COmmittee and Community

Good afternoon Marcel:
I trust that you are well. We would like to set up a discussion with the Consultation Committee to walk through the two environmental assessments that you have or will be receiving over the next few days. The two environmental assessments are: 1. Disposition of Crown Lands; 2. Detour Lake Permanent Power;

Do you have some suggested dates that perhaps we can aim toward?
On a separate note we are working to get comments back to you on the MOU. It is going in the right direction.

All the best.

Derek Teevan
V.P. Aboriginal and Government Affairs
Detour Gold
Royal Bank Plaza, North Tower
200 Bay St, Suite 2040 Box #23
Toronto, ON, M5J2J1

office: 416.304.0800
fax: 416.304.0184
cell: 416.278.2851

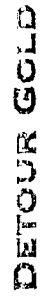
dteevan@detourgold.com

MSN Dating: Find someone special. Start now. [Start now!](#)

DOCUMENT INFO

Name: 284 Roc 10-03-01 Info Session - Timmins Mno.tif
Size: 186KB (190,267 bytes)
Modified: Tuesday, Oct 05, 2010 12:14:04 PM

DOCUMENT INFO



DETOUR LAKE PROJECT COMMUNITY OPEN HOUSE

SIGN-IN FORM

Location: Cedar Meadows - Timmins-Metis
 Date: March 1, 2010

Name	Company (if applicable)	Address	Phone	E-mail	Would you like to be on our project mailing list? (Y/N)
Liliane Ethier	Haitebury	217 N. Ven St.	705-670-3790	letheier@att.sympatico.ca	✓
MARCEL BOURGIE	MNO Timmins Northern Lights Metis Council Cochrane	347 Spruce St. Timmins P4N 2M2	705-264-3939		✓
Pierre Gravel		P.O. Box 2477 Cochrane, Ont P0B 1C0	(705) 272-6510		Y
MARCEL BOURGIE	MNO Timmins	10 GEORGINA DR.	705-565-2342		
Yvonne Brousseau		17 Poplar Cres. Freque's Falls ON P4P 1G9	705-252-4625		✓
JESS LEFEBVRE	MNO.	311 KELLY ANN DR. TIMMINS	705-267-5418		Y
Tamy Marin	MNO - Timmins	608 Eyre Blvd Timmins P4N 4Z1	705-300-7784		Y
Joe Torlone	City of Timmins	220 Algonquin Blvd. East Timmins P4N 1B3	705-360-2601	joe.torlone@timmins.ca	Y
Tom Laughlin	Mayor	" "	705-266-5804	tom.laughlin@timmins.ca	Y
NATALIE Durocher	MNO - Timmins	347 Spruce Street South	705-264-3939	nataled@netiscan.com	✓
Amey LeFebvre	MNO	347 Spruce St S	705-264-3939	AmOph@metismotion.org	✓



DETOUR GOLD

DETOUR LAKE PROJECT COMMUNITY OPEN HOUSE

SIGN-IN FORM

Location: Cedar Meadows - Timmins - Metis
 Date: March 1, 2010

Name	Company (if applicable)	Address	Phone	E-mail	Would you like to be on our project mailing list? (Y/N)
Lynne C. Proulx	Metis Nation Ontario	347 Spruce St. S. Timmins, ON P4N 2N2	705-204-3939	lynne.p@metisnation.org	Yes
Natalie Proulx	HND		705-492-4475	FRANKEP@metisnation.org	
LARRY Lefebvre	MOE	5520 Highway 101 East P.O. Box 300 South Porcupine	705-235-1511	larry.lefebvre@ontario.ca	N.
ROBIN STEWART	MNR	2-4 Highway 11 South Cochrane ON	705-272-7111	robin.stewart@ontario.ca	N
Glenn Seim	MNDMF	5520 Highway 101 E P.O. Box 3000 South Porcupine ON	705-235-1627	glenn.seim@ontario.ca	N
Kirk Springett	MNR	2-4 Highway 11 South P.O. Box 730, Cochrane, ON P41C0	705-272-7164	kirk.springett@ontario.ca	N
Harry Clarke	MNR	2-4 Highway 11 South Cochrane Ontario	705-272-7112		N
David Simms	AMEC	160 Truders Blvd E, Suite 110 Metis, ON	905-568-2929	David.Simms@amec.com	Yes
David Hamilton	Chapleau Metis Council	33 Aberdeen St. Chapleau Ont. P0M1K0	705-864-0224	ShammyChapleau@yahoo.ca	YES.



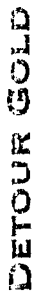
DETOUR GOLD

DETOUR LAKE PROJECT COMMUNITY OPEN HOUSE

SIGN-IN FORM

Location: Cedar Meadows - Timmins - Métis
Date: MARCH 1, 2010

Name	Company (if applicable)	Address	Phone	E-mail	Would you like to be on our project mailing list? (Y/N)
Rachel Pineault	Detour	TORONTO ON	416-304-0800		
Bert Nielsen	MNO	1705 Kraft Creek Rd Timmins	705-266-6162	Bert@propipeconstruction.com	
ERIC ESCOFFIELD SR	MNO	6490 FREDRICK HOUSE LAKE RD	705-363-2088	ESCOFFIELD@NTL.SYMPA.TI.EDU.CA	
ERIC SCOFFIELD JR	MNO	6490 FREDRICK HOUSE LAKE RD CONNAUGHT OUT POND 140	705-363-2088		Y
LUC DUVAL	CITY OF TIMMINS	220 ALGONQUIN BLVD.	705-360-2606	luc.duval@timmins.ca	
SCOTT TAM	CITY OF TIMMINS	220 ALGONQUIN BLVD.	705-360-2600 x 5035	Scott.tam@timmins.ca	
Nicole Charron	MNO EFT	347 Spruce St. South Timmins ON P4N 2N2	705-364-3939	nicolec@metisnation.org	YES
Louise Cloutier	MNO (Health)	347 Spruce St. So. Timmins ON P4N 2N2	705-364-3939	louisec@metisnation.org	Y
Cheryl O Macumber	MNO (A-HBHC)	347 Spruce St. S. Timmins P4N 2N2	705-264-3539	cheyl@metisnation.org	Y.
Collette Risevick	MNO (EFT)	347 Spruce St. S. Timmins P4N 2N2	705-264-3939	collette@metisnation.org	Y
Karen Beland	Timiskaming	4/41 Keybury			



DETOUR LAKE PROJECT COMMUNITY OPEN HOUSE

SIGN-IN FORM

Location: Timmins - Cedar Meadows - metris
Date: March 1/2010

Date: March 1/2010

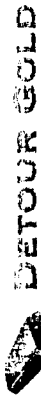
[illegible]

b.

DOCUMENT INFO

Name: 286 Roc 10-03-02 Info Session - Cochrane Mno.tif
Size: 99KB (100,878 bytes)
Modified: Tuesday, Oct 05, 2010 12:14:12 PM

DOCUMENT INFO



DETOUR GOLD

DETOUR LAKE PROJECT COMMUNITY OPEN HOUSE

SIGN-IN FORM

Location: Cochrane 12pm Terry's

Date: Mar 2/2010

Name	Company (if applicable)	Address	Phone	E-mail	Would you like to be on our project mailing list? (Y/N)
Paul C. Smith		229015 11th Ave	278 3537		Y
Linda L. Lattin		Cochrane, Ont.	272-3941	lorncard.linda.lattin@rogers.com	Y
Harry L. Lattin		Cochrane Ont	272-3661		
John L. Lattin		"	272 5607		
Terrell Brown		80X 1723 COCHRANE POLICE ONT	705 972 1266	972 1266 RUSKO.0707@FIVE.COM	Y
Doreen Lattin		1119 Rudy Rd. Ingersoll, Ont	705 932 4879		Y
Walter Lattin		92 Church St Ingersoll, Ont	272 4324		
Leonard Lattin		753 SHERIDAN AVE. INGERSOLL, ONT	272-2514		
Norman Lattin		SHERIDAN AVE.	272-6338		
L.P. Lattin		25 HANNAH BL.	272-4525	L.P.O.P.U.C.NET	yes



DETOUR GOLD

DETOUR LAKE PROJECT COMMUNITY OPEN HOUSE

SIGN-IN FORM

Location: Cochrane / 2pm Tuesday
Date: Mar 2 / 2010

Name	Company (if applicable)	Address	Phone	E-mail	Would you like to be on our project mailing list? (Y/N)
SUZANNE	NORTHERN LIGHTS	PO BOX 1745 COCHRANE ON	705-272-3750	GAMMYDAPAC@HOTMAIL.COM	YES
SKIDMORE Eugene	HEIT'S COUNCIL Northern Lights	Cell / Box 1652 Cochrane Police ON	705-272-0695	E-Contact@hotmail.com	Yes
Constant URGET	Metis Council NORTHERN LIGHTS	Box 8690 Cochrane Police	705-272-5534	Robio@pac.net	YES
Couville	Metis Council (President)	Box 668 "	705-272-3883	luc.denis@ontario.ca	Yes
Denaret	MNDMF	Box 730 Cochrane ON POLICE	705-272-7111	robin.stewart@ontario.ca	No
Robin Stewart	MNR	5520 Highway 101E P.O. Box 3660 South Porcupine ON P10 1H0	705 235 1627	glenn.seim@ontario.ca	No
Glenn Seim	MNDMF	5520 Highway 101E P.O. Box 3660 South Porcupine ON P10 1H0	705 235 1511	Larry.Lefebvre@ontario.ca	No
LARRY LEFEVRE	MUE	Box 730 Cochrane ON	705-272-7112		NO
Larry Clarke	MNR	Box 730 Cochrane, ON POLICE	705-272-7164	Kirk.Springett@ontario.ca	No
Kirk Springett	MNR	Cochrane Dist.	705-272-6143	grogrowl@hotmail.com	No
Greg Grogrowl	Boston Bums Loc				

10 - 4 gov

DOCUMENT INFO

Name: 287 Roc 10-03-03 Info Session - Wfn.tif
Size: 80KB (81,285 bytes)
Modified: Tuesday, Oct 05, 2010 12:14:20 PM

DOCUMENT INFO



DETOUR GOLD

DETOUR LAKE PROJECT COMMUNITY OPEN HOUSE
SIGN-IN FORM

Location: Wahgoshig F.N.
Date: March 3, 2010 1-3:30pm

Name	Company (if applicable)	Address	Phone	E-mail	Would you like to be on our project mailing list? (Y/N)
X <u>Kissy McMartin</u>		<u>Wahgoshig F.N.</u>			
<u>Donna Lemlyse</u>		<u>Wahgoshig F.N.</u>			
<u>H. Naden</u>					
X <u>K. Springett</u>	<u>MNR</u>	<u>Box 730 Cochrane, ON Police</u>	<u>-</u>	<u>-</u>	<u>No</u>
X <u>L. Clark</u>	<u>MNR</u>	<u>" " " " "</u>	<u>272-7112</u>		<u>No</u>
X <u>Rohan Stewart</u>	<u>MNR</u>	<u>" " " " "</u>	<u>272-7111</u>	<u>-</u>	<u>No</u>
<u>Paul McKenzie</u>		<u>Wahgoshig F.N.</u>			<u>No</u>
<u>Cheryl Tremblay</u>		<u>Wahgoshig F.N.</u>	<u>-</u>	<u>-</u>	<u>No</u>
X <u>C. L. Smith</u>	<u>MNR</u>				
X <u>Laure LeBlond</u>	<u>MOE Timmins</u>	<u>Box 3000 South Porcupine</u>	<u>235-1511</u>		<u>No</u>
<u>Cheryl Tremblay</u>	<u>WEC</u>	<u>Wahgoshig</u>	<u>273-1793</u>	<u>enbe@xplor.net.com</u>	<u>Yes</u>



**DETOUR LAKE PROJECT COMMUNITY OPEN HOUSE
SIGN-IN FORM**

Location: Wahgeles Mar 3/10
Date: 1-3:38 pm

Name	Company (if applicable)	Address	Phone	E-mail	Would you like to be on our project mailing list? (Y/N)
Ben Chaffetz	NAN		807-624-6094	bchecho@necan.org	
David Babin	Wahgeeswig	Box 281 Matheson, Ont R4K-1N0	705-273-2055	wfca.wahgeeswigfirstnation.com	
Betty Singer	W.F.N.	P.O. Box 231 Matheson Ont. POK-1N0	705-273-2055	morningwoman34@hotmail.com	
Kioldyn Sutherland Wahgeeswig		Box 281 Matheson Ont P4K-1N0	221-2727	KNC-Sutherland	✓
Liz Labin	W.F.N.	R4K-3W4N Matheson, Ont	273-2055	denys.d.nadan@gmail.com	✓
Denyse Nadon	W.F.N.	" "	" "	denys.d.nadan@gmail.com	✓

DOCUMENT INFO

Name: 288 Roc 10-03-26 Info Session - Ttn Moosonee.tif
Size: 29KB (28,886 bytes)
Modified: Tuesday, Oct 05, 2010 12:14:30 PM

DOCUMENT INFO

**DETOUR LAKE PROJECT COMMUNITY OPEN HOUSE
SIGN-IN FORM**

Location: _____
Date: _____

Name	Company (if applicable)	Address	Phone	E-mail	Would you like to be on our project mailing list? (Y/N)
Rachel Hunter		Box 415 Box 140 Moose Lake	705 336 6287	rlhink1523@ontario.net	Y
VERISH GUNSON		Moose Lake	705 336 0748	humbly32@outlook.com	Yes.
Lisa Gagnon		Cochrane	272-2222	lisa2000@hotmail.ca	Yes
Sharon Gagnon		Moose Factory			
Sharon Gagnon			336 1767	sharon.gagnon@outlook.com	
Sharon Gagnon			336 1767	sharon.gagnon@outlook.com	
Rachel Hunter		Moose Lake	336 3219		Yes
Lindsay Fox		Moose Lake	336 3500		

DOCUMENT INFO

Name: 288 Roc 10-03-26 Info Session - Ttn New Post.tif
Size: 96KB (97,427 bytes)
Modified: Tuesday, Oct 05, 2010 12:14:43 PM

DOCUMENT INFO

**DETOUR LAKE PROJECT COMMUNITY OPEN HOUSE
SIGN-IN FORM**

Location: New Post
Date: May 24/2010

Name	Company (if applicable)	Address	Phone	E-mail	Would you like to be on our project mailing list? (Y/N)
ALEX ARCHIBALD	TTN	15 TAYKWA DRIVE	272-5348	holule80@hotmail.ca	Y
Donald Sutherland	TTN	Taykwa Tagamou Dr.	272-5394	dunng-401@hotmail.com	yes
Linda Archibald	APANC/TTN	Cochrane, Taykwa Tagamou Dr	272-2562	cuvapana@puc.net	yes
Donna Hall	TTN	TAYKWA DR	272-5356	-	YES
Jasen Whiskeyhen	TTN	893 Cochrane 2E3	272 9902	jasen.whiskeyhen@hotmail.ca	Yes
Sheldon Corstan	MCEN	Taykwa Dr	465-1467	S. wes. 66 Phistman.com	Y
Thomas Archibald	TTN	Taykwa Tagamou	272-5892	tomnieitchie@hotmail.com	Yes
Donna Sutherland	TTN	Taykwa Tagamou	272-5394	Donna.Sutherland@ttn.ca	Yes
Donna Sutherland	TTN	Taykwa		Donna.Sutherland@ttn.ca	Yes
EMILIE ARCHIBALD	TTN	15 TAYKWA TAGAMOU NATION	272-5853		YES

**DETOUR LAKE PROJECT COMMUNITY OPEN HOUSE
SIGN-IN FORM**

Location: TTN

Date: Mar 26/2010

Name	Company (if applicable)	Address	Phone	E-mail	Would you like to be on our project mailing list? (Y/N)
Mark Cassella	Paul Geller Inc	Deerham, TN 38244, 2010	765-973-9246	mark.cassella@paulgeller.com	Y
Bruce Thompson	TTN	Cochranes on T Box 1413	765-972-5173		
Dawn Corston	TTN	Morse Factory, ON P.O. Box 847 POC-100	705-658-2351		yes

SIGN-IN FORM

Date: March 26 / 2016[illegible]

DOCUMENT INFO

Name: 293 Roc 10-02-19 Email - Wfn.tif
Size: 94KB (96,097 bytes)
Modified: Tuesday, Oct 05, 2010 12:38:01 PM

DOCUMENT INFO

From: Burgess, Caroline M
Sent: Monday, February 22, 2010 9:18 AM
To: Warren, Meryl
Subject: FW: EA Process
FYI for SIIMS - this email correspondence will likely continue. C

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

From: Madeline Chokomolin [mailto:chokomolin12@ntl.sympatico.ca]
Sent: Friday, February 19, 2010 7:43 PM
To: 'Denyse Nadon'; 'Derek Teevan'
Cc: wfnlandsresource@wahgoshigfirstnation.com; Burgess, Caroline M; 'Rachel Pineault'; elizabeth.r.babin@gmail.com
Subject: RE: EA Process

Hi all,

Liz, Derek and Denyse, forgive me for the delay in responding to this email.

I wasn't aware that the session scheduled held for March 3 was to be presented to the community in general. I was under the impression that the discussions we had on February 2, 2010 were to reconvene on March 3rd in order for the Wahgoshig Environment Committee to be provided with further insight on the EA process only and what involvement the Wahgoshig Environment Committee would have in terms of this assessment.

Derek- Of the notes you have requested, please be advised of there being no official request for notes to be recorded for, or by, the Wahgoshig Environment Committee. If you were told otherwise, then please advise me further on who informed you of such so that I may address the matter further. Thank you.

On behalf of the Wahgoshig Environment Committee, I trust the confusion presented here this evening will be sorted out.

Madeline L. Chokomolin
PO Box: 136
Matheson, Ontario P0K 1N0
Ph: (705) 273-3186
Email: chokomolin12@ntl.sympatico.ca



Please ~ print this email only when necessary.

The contents of email may be confidential and contain privileged information intended solely for the use of the individual, or entity, to whom this email has been addressed. Should other than the intended recipient or entity receive this email in error, please notify me by e-mail reply and delete this email from your system immediately; you may not copy, disseminate, or distribute any part of this email. Thank you for your cooperation.

From: Denyse Nadon [mailto:denyse.d.nadon@gmail.com]
Sent: Friday, February 19, 2010 2:58 PM
To: Derek Teevan
Cc: Madeline Chokomolin; wfnlandsresource@wahgoshigfirstnation.com; Burgess, Caroline M; Rachel Pineault
Subject: Re:

Derek

My understanding of the consultation session on March 3 was for the EA process only....I do not recall the Closure plan being discussed with the community at this point.

Let's discuss at the negotiations table on Tuesday.

Meegwetch, Denyse
On Thu, Feb 18, 2010 at 10:09 AM, Derek Teevan <DTeevan@detourgold.com> wrote:

Denyse, Madeline, Chris:

Attached please find the public notices for the information sessions to be held on March 3rd in Wahgoshig.

Chris – could I ask you please to post these and if you want to mail them, Detour Gold will cover the cost of postage.

For the public meeting we will have posters for the hall, a power point presentation and our EA team available to answer questions. Denyse or Madeline if you could please forward me the notes the Environmental Committee took, I can ensure that our presentation highlights the comments that they've made or questions that were asked.

As I understand it the Environmental Committee is undertaking the following:

- Booking the room
- Posting notices

- Bringing Linda from Blue Heron Environmental
- Notifying Chief and Council
- Screen for the presentation
- Set up chairs

Detour will

- Provide notices
- Bring refreshments (coffee, donuts and fruit for approx 35 people)
- Provide posters for the walls
- Provide a sign in sheet
- Projector for the presentation

Is there anything else that I might be missing?

I look forward to seeing you guys again in the community.

All the best

Derek Teevan

V.P. Aboriginal and Government Affairs

Detour Gold

Royal Bank Plaza, North Tower

200 Bay St, Suite 2040 Box #23

Toronto, ON, M5J2J1

office: 416.304.0800

fax: 416.304.0184

cell: 416.278.2851

dteevan@detourgold.com

--

Denyse Nadon

Denyse.D.Nadon@gmail.com

(705) 919-1885 (cell)

(819) 776-9963 (fax)

DOCUMENT INFO

Name: 294 Roc 10-05-28 Email - Ttn.tif
Size: 22KB (21,744 bytes)
Modified: Tuesday, Oct 05, 2010 12:36:38 PM

DOCUMENT INFO

From: Burgess, Caroline M
Sent: Friday, May 28, 2010 10:58 AM
To: Warren, Meryl
Subject: FW:
Response for SIIMS. C

Caroline Burgess, M.A., RPP, MCIP
Senior Consultant, Human Environment
AMEC Earth & Environmental
Tel: 613-727-0658 x 252
Cell: 613-291-2606
Fax: 613-727-9465
210 Colonnade Road South, Unit 300
Ottawa, ON Canada K2E 7L5

From: Derek Teevan [mailto:DTeevan@detourgold.com]
Sent: Friday, May 28, 2010 10:20 AM
To: Bryan Gelinis (bryan_gelinis@hotmail.com)
Cc: Burgess, Caroline M
Subject:

Hi Bryan: We are still finalizing our fuel demand. However we approximate that there will be two trucks a day.

Please feel free to give me a shout if you have any other questions. We haven't looked to tender these contracts yet. We are working with MCFN, WFN and TTN on a process to ensure the bids are distributed to local businesses.

Derek

DOCUMENT INFO

Name: 298 Roc 10-03-02 Comment Form - Mno.tif
Size: 308KB (314,550 bytes)
Modified: Tuesday, Oct 05, 2010 12:14:53 PM

DOCUMENT INFO

DETOUR LAKE PROJECT COMMUNITY OPEN HOUSE

March 2010

COMMENT FORM

1. Do you have any comments, concerns or suggestions related to the **construction and/or operation** of the proposed Detour Lake Project (including the transmission line and the mine site)?

I'm suggesting to pull the
REMAINING poles left when they
REMOVED THE Hydro line.
I HAVE A VALUE ADDED MILL &
would like to work with Moose
CREE & Carl Swanson to create a
NEW job in partnership with the
first Nation

2. What suggestions do you have for avoiding or mitigating potential effects (or enhancing benefits) from the proposed Detour Lake Project?

3. Do you have any comments, concerns or suggestions related to the Closure Plan for the Project?

(optional) Name:

L.P. Greenisao

Organization or Affiliation (if applicable):

*Cochran Value
Added Group
272-4525*



EVALUATION

4. Which community meeting did you attend?

☐ Timmins

☐ Cochrane

☐ Other: _____

5. How did you hear about the Community Meeting?

☐ Newspaper advertisement

☐ Invitation Letter

☐ Website

☐ From a neighbour/friend

☐ Other: _____

6. Were the location and time of the Community Meeting good for you?

☐ Yes

☐ Somewhat

☐ No

☐ Don't know / no opinion

Suggestions for improvement:

7. What did you like about the event?

8. What can be improved at future events?

ADDITIONAL COMMENTS

Personal information is protected under authority of the Freedom of Information and Protection of Privacy Act, Section 32, and is used solely for the purpose of evaluating and improving the Project assessment. Individuals will not be identified in any public documents or used for any purpose other than this project.

Completed forms can be left with a member of our team or faxed/mailed to:

Detour Gold Corporation, 200 Bay Street, Suite 2040, Box #23, Toronto, ON M5J 2J1
Fax: 416.304.0814 Email: info@detourgold.com

Thank you for your input!

**DETOUR LAKE PROJECT COMMUNITY OPEN HOUSE
March 2010**

COMMENT FORM

1. Do you have any comments, concerns or suggestions related to the **construction and/or operation** of the proposed Detour Lake Project (including the transmission line and the mine site)?

2. What suggestions do you have for avoiding or mitigating potential effects (or enhancing benefits) from the proposed Detour Lake Project?

3. Do you have any comments, concerns or suggestions related to the Closure Plan for the Project?

(optional) Name: _____

Organization or Affiliation (if applicable): _____



EVALUATION

4. Which community meeting did you attend?

☐ Timmins

☒ Cochrane

☐ Other: Gravelly Hill

5. How did you hear about the Community Meeting?

☐ Newspaper advertisement

☒ Invitation Letter

☐ Website

☐ From a neighbour/friend

☐ Other: _____

6. Were the location and time of the Community Meeting good for you?

☒ Yes

☐ Somewhat

☐ No

☐ Don't know / no opinion

Suggestions for improvement:

7. What did you like about the event?

8. What can be improved at future events?

ADDITIONAL COMMENTS

Personal information is protected under authority of the Freedom of Information and Protection of Privacy Act, Section 32, and is used solely for the purpose of evaluating and improving the Project assessment. Individuals will not be identified in any public documents or used for any purpose other than this project.

Completed forms can be left with a member of our team or faxed/mailed to:

Detour Gold Corporation, 200 Bay Street, Suite 2040, Box #23, Toronto, ON M5J 2J1
Fax: 416.304.0814 Email: info@detourgold.com

Thank you for your input!

DETOUR LAKE PROJECT COMMUNITY OPEN HOUSE
March 2010

COMMENT FORM

1. Do you have any comments, concerns or suggestions related to the **construction and/or operation** of the proposed Detour Lake Project (including the transmission line and the mine site)?

2. What suggestions do you have for avoiding or mitigating potential effects (or enhancing benefits) from the proposed Detour Lake Project?

3. Do you have any comments, concerns or suggestions related to the Closure Plan for the Project?

(optional) Name: _____

Organization or Affiliation (if applicable): _____



EVALUATION

4. Which community meeting did you attend?

- ☒ Timmins ☐ Cochrane ☐ Other: _____

5. How did you hear about the Community Meeting?

- ☐ Newspaper advertisement ☒ Invitation Letter ☐ Website
☐ From a neighbour/friend ☐ Other: _____

6. Were the location and time of the Community Meeting good for you?

- ☒ Yes ☐ Somewhat ☐ No ☐ Don't know / no opinion

Suggestions for improvement:

7. What did you like about the event?

- what I like about the event is that this project can create more jobs -

8. What can be improved at future events?

more introduction of participants

ADDITIONAL COMMENTS

Overall good Presentation!

Thank you!

Personal information is protected under authority of the Freedom of Information and Protection of Privacy Act, Section 32, and is used solely for the purpose of evaluating and improving the Project assessment. Individuals will not be identified in any public documents or used for any purpose other than this project.

Completed forms can be left with a member of our team or faxed/mailed to:

Detour Gold Corporation, 200 Bay Street, Suite 2040, Box #23, Toronto, ON M5J 2J1
Fax: 416.304.0814 Email: info@detourgold.com

Thank you for your input!



DETOUR LAKE PROJECT COMMUNITY OPEN HOUSE

March 2010

COMMENT FORM

Mar 1 / 2010
12 - 2 pm
Metz

1. Do you have any comments, concerns or suggestions related to the **construction and/or operation** of the proposed Detour Lake Project (including the transmission line and the mine site)?

2. What suggestions do you have for avoiding or mitigating potential effects (or enhancing benefits) from the proposed Detour Lake Project?

3. Do you have any comments, concerns or suggestions related to the Closure Plan for the Project?

(optional) Name: _____

Organization or Affiliation (if applicable): _____



EVALUATION

4. Which community meeting did you attend?

☒ Timmins ☐ Cochrane ☐ Other: _____

5. How did you hear about the Community Meeting?

☐ Newspaper advertisement ☐ Invitation Letter ☐ Website
☐ From a neighbour/friend ☒ Other: _____

6. Were the location and time of the Community Meeting good for you?

☒ Yes ☐ Somewhat ☐ No ☐ Don't know / no opinion

Suggestions for improvement:

7. What did you like about the event?

8. What can be improved at future events?

ADDITIONAL COMMENTS

Personal information is protected under authority of the Freedom of Information and Protection of Privacy Act, Section 32, and is used solely for the purpose of evaluating and improving the Project assessment. Individuals will not be identified in any public documents or used for any purpose other than this project.

Completed forms can be left with a member of our team or faxed/mailed to:

Detour Gold Corporation, 200 Bay Street, Suite 2040, Box #23, Toronto, ON M5J 2J1
Fax: 416.304.0814 Email: info@detourgold.com

Thank you for your input!



Timmins Cedar
DETOUR GOLD

DETOUR LAKE PROJECT COMMUNITY OPEN HOUSE

March 2010

COMMENT FORM

*Mar 1/2010
12-2pm
Métis*

1. Do you have any comments, concerns or suggestions related to the **construction and/or operation** of the proposed Detour Lake Project (including the transmission line and the mine site)?

2. What suggestions do you have for avoiding or mitigating potential effects (or enhancing benefits) from the proposed Detour Lake Project?

3. Do you have any comments, concerns or suggestions related to the Closure Plan for the Project?

(optional) Name: _____

Organization or Affiliation (if applicable): _____



EVALUATION

4. Which community meeting did you attend?

☒ Timmins ☐ Cochrane ☐ Other: _____

5. How did you hear about the Community Meeting?

☐ Newspaper advertisement ☒ Invitation Letter ☐ Website
☐ From a neighbour/friend ☐ Other: _____

6. Were the location and time of the Community Meeting good for you?

☒ Yes ☐ Somewhat ☐ No ☐ Don't know / no opinion

Suggestions for improvement:

Progress Reports

7. What did you like about the event?

Q & A WAS INTERESTING

8. What can be improved at future events?

ADDITIONAL COMMENTS

Personal information is protected under authority of the Freedom of Information and Protection of Privacy Act, Section 32, and is used solely for the purpose of evaluating and improving the Project assessment. Individuals will not be identified in any public documents or used for any purpose other than this project.

Completed forms can be left with a member of our team or faxed/mailed to:

Detour Gold Corporation, 200 Bay Street, Suite 2040, Box #23, Toronto, ON M5J 2J1
Fax: 416.304.0814 Email: info@detourgold.com

Thank you for your input!