COMAPLEX
MINERALS CORP

25 January 2010

Environmental Protection Service
Department of Sustainable Development
P.O. Box 1000, Station 1195
Iqaluit, Nunavut, X0A 0H0

Luis Manzo, Director of Lands
Kivalliq Inuit Association
P.O. Box 340
Sakku Building
Rankin Inlet, NU

RE: Reclamation of Contaminated Soil: Meliadine Gold Project

Dear Madam / Sir;

During a 2008 inspection by the Kivalliq Inuit Association, it was noted that there was a diesel fuel spill at one of the fuelling locations near the exploration camp. At the time the Kivalliq Inuit Association inspector recommended Comaplex remove the contaminated soil. Comaplex used an adaptive management approach to excavate and contain the contaminated soil as soon as possible. This resulted in the contaminated soil being placed on an impermeable liner near the portal to the underground, on a 4 metre thick rock pad with the drainage controlled through a holding pond. The location is shown in the attached report from Golder Associates[1], which also interprets their results.

As is the standard practice with hydrocarbon contaminated soils, it was spread to a thickness averaging 30 – 40 cm and was turned in the summer of 2008 to allow aeration. Last year three samples were collected across the contaminated soil and sent to an accredited laboratory for hydrocarbon analyses. The analytical results of the same are presented in the table below.

Table 1. Comparison of Soil Analytical Results to CCME Canada Wide Standard for Hydrocarbons in Soils for Residential/Parkland (mg/kg)

Residential/ Parkland - fine grained soils CCME guidelines	CCME Canada Wide Standard for hydrocarbons in Soil	Comaplex Soil Sample 1 collected 22 Jun 09	Comaplex Soil Sampl 2 collected 22 Jun 09	Golder Soil Sample collected 8 Aug 09
Fraction 1	210	<5.0	<5.0	<10.0
Fraction 1 (BTEX)		<5.0	<5.0	
Fraction 2	150	21	147	76
Fraction 3	1300	148	260	209
Fraction 4	5600	52	63	<50
Total	500 (NWT guideline)	221	470	285
Benzene	0.5	<0.005	<0.005	<0.005
Toluene	0.8	<0.010	<0.010	<0.050
Ehtylbenzene	1.2	<0.010	<0.010	<0.010
Xylene	1	<0.020	<0.020	<0.10

[1] The Golder report is stamped by an engineer registered in Nunavut.

The results show the soil meeting the most stringent CCME Canada Wide Standard for hydrocarbons, and also Nunavut hydrocarbon guidelines for soil. With this being the case, Comaplex is of the opinion that the soil is remediated and no further action, monitoring or reporting is required on our part. As a result we plan to leave the soil in place until such time the pad is expanded to accommodate future mine infrastructure. This will only happen after completion of the Environmental Assessment and after all necessary authorisations are in place.

Should you have any questions or concerns with our letter or the attached report, please do not hesitate in contacting me at 403 750 2570 or JWitteman@Comaplex.com .

We look forward to receiving your reply to our letter.

Yours sincerely,

John Witteman
Environmental Consultant to Comaplex

Cc. Mark Balog, Chief Operating Officer
Licencing Coordinator, Nunavut Water Board

Golder Associates

October 16, 2009

Project No. 09-1426-0015/9000
Doc. No. 034 Ver. 0

Mr. Mark Balog and Mr. John Witteman
Comaplex Minerals Corporation
Suite 901, 1015 Fourth Street, S.W.
Calgary, Alberta
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RESULTS OF GEOCHEMICAL ANALYSIS OF PETROLEUM STAINED SOILS AT THE DEDICATED SOILS MANAGEMENT AREA – MELIADINE GOLD PROJECT SITE, 25 KM NORTH OF RANKIN INLET, NUNAVUT

Dear Mr. Balog and Mr. Witteman,

This letter has been prepared at the request of Comaplex Minerals Corporation (CMC), and briefly describes the results of a soil sampling program undertaken by Golder Associates Ltd. on August 7, 2009 at CMC's Meliadine Gold Project site, specifically the Meliadine West project area, located on the west coast of Hudson Bay, 25 km north of Rankin Inlet, Nunavut.

Soil samples were collected from an area utilized by CMC to contain petroleum stained soils as a management and mitigation measure. Petroleum stained soils that may result from contact with petroleum hydrocarbons during the course of regular work activities are excavated and placed on to an impermeable liner, reducing the potential for further migration of the hydrocarbons.

1.0 SOIL MANAGEMENT SITE INFORMATION

The soil management site is located on an existing rock fill pad at the Project site, adjacent to coarse ore stockpiles that were developed as part of the underground exploration and bulk sampling programs. The location of the study area, relative to the general site layout, is shown on Figure 1. A photograph of the management area is shown below in Photograph 1.

Photograph 1: Designated Petroleum Stained Soils Management Area - Meliadine Gold Project Site

The dimensions of the management area were not surveyed for this study; however, the approximate dimensions were estimated during the sampling process as follows:

Table 1: Management Area Approximate Dimensions and Volume

Length (m)	Width (m)	Depth (m)	Approximate Volume (m^3)
25	10	0.2	50

Based on visual estimates, approximately 30 percent of the material in the management area consists of coarse cobble to boulder size material, with the remainder being gravel, sand, and silt as matrix material filling voids between the coarser rock fill.

1.1 Sampling Procedure

Two discrete samples, each made up of four grab samples, were collected at intervals of approximately 4 metres along two parallel lines extending across the management area, and spaced approximately 4 metres apart. One sample was tested, and the second sample retained pending the results of the testing.

1.2 Shipping Procedure

The samples were refrigerated following collection. The samples were then transported to Yellowknife from Rankin Inlet, where again they were refrigerated overnight before being delivered to Aurora Laboratory Services (ALS) of Yellowknife. The samples were re-packaged with ice packs at the Yellowknife ALS laboratory and then shipped to the ALS laboratory in Vancouver for chemical analysis. One of the two samples was then tested.

1.3 Regulatory Criteria

The applicable standards are the Government of Nunavut (GN) Environment Guideline for Site Remediation which is based on the CCME 1991 Interim Criteria, CCME 1997 Recommended Canadian Soil Quality Guidelines and the Environmental Protection Service.

1.4 Analytical Testing

Aurora Laboratory Services (ALS) of Vancouver, B.C. analyzed one of the grab samples for the following parameters:

- Petroleum Hydrocarbons (F-1, F-2, F-3 and F-4); and
- Benzene, toluene, ethylbenzene, and xylenes (BTEX).

The Total Petroleum Hydrocarbon (TPH) value is determined as the sum of the F-2 through F-4 results.

2.0 RESULTS

A summary of the analytical test results is presented in the following table, along with GN site remediation guideline limits.

Table 2: Summary of Analytical Test Results

Analyte	Remediation Guideline Limit	Analytical Result
Benzene	0.5 mg/kg	<0.0050 mg/kg
Toluene	0.8 mg/kg	<0.050 mg/kg
Ethylbenzene	1.2 mg/kg	<0.010 mg/kg
Xylene	1 mg/kg	<0.10 mg/kg
Total Petroleum Hydrocarbons (TPH)	500 mg/kg	~285 mg/kg

The test results of the analyte concentrations in the sample collected from the petroleum stained soils management area at the Meliadine Project site are below the remediation guideline limits set out in GN Environment Guideline for Site Remediation for residential/parkland. The F1-Total BTEX was less than 10 mg/kg.

The results are contained in Attachment 1.

3.0 LABORATORY QA/QC

The accuracy of the test results was acceptable based on laboratory spike recoveries and comparisons to National Research Council of Canada Certified Reference Materials.

4.0 LIMITATIONS AND USE OF REPORT

The information presented herein was prepared for Comaplex Minerals Corporation. The objective of the sampling and analysis conducted on the soils described above is to ensure, to the greatest extent reasonable, that petroleum hydrocarbon affected soils managed at the current soil management area at the Meliadine Project site meet the applicable Territorial Standards.

5.0 CLOSURE

We trust this information is sufficient for your requirements at this time. Should you have any questions or concerns, please contact the undersigned.

Yours very truly,

GOLDER ASSOCIATES LTD.

Cameron Clayton, M.Eng., P.Geo.
Project Manager

Gary Hamilton, B.Sc.
Principal

John A. Hull, P.Eng.
Principal

THE ASSOCIATION OF PROFESSIONAL ENGINEERS, GEOLOGISTS and GEOPHYSICISTS OF THE NORTHWEST TERRITORIES
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2009

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Attachments: Figure 1: Location of Petroleum Stained Soils Management Area
Laboratory Results

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Golder Associates