

GM 42919

REPORT ON GEOPHYSICAL AND OVERBURDEN DRILLING PROGRAMS, MONTGOLFIER-ALOIGNY PROJECT

Documents complémentaires

Additional Files



Licence



License

Cette première page a été ajoutée
au document et ne fait pas partie du
rapport tel que soumis par les auteurs.

Énergie et Ressources
naturelles

Québec 

EXPLORATION KERR ADDISON INC.

REPORT ON
GEOPHYSICAL AND OVERBURDEN DRILLING PROGRAMS
MONTGOLFIER-ALOIGNY PROJECT

Q-30

M. Kenneth Kryklywy, P. Eng.
August 1985

Ministère de l'Énergie et des Ressources

Service de la Géoinformation

Date: 7 AOÛT 1986

No G.M.: 42919

TABLE OF CONTENTS

	<u>Page</u>
Introduction	1
Summary	1
Location and Access	1-3
Physiography and Vegetation	4
Previous Work	4
Geophysics	5
Overburden Drilling	5
Geology	
General Geology	6
Pleistocene Geology	6
Precambrian Geology	6-8
Geochemistry	8 & 9
Discussion	9 & 10
Recommendations	10
Certificate	11

APPENDIX

Appendix i	- Crew Members
Appendix ii	- Claim Numbers
Appendix iii	- Geochemical samples and results
Appendix iv	- Histograms for copper and zinc for bedrock and till

LIST OF FIGURES

Fig. 1, 2	- Location Map
-----------	----------------

LIST OF SECTIONS

Profile Location Map

Overburden Profiles 1 and 2
Overburden Profiles 3, 4 and 5
Overburden Profiles 6 and 7
Overburden Profiles 8 and 9
Overburden Profiles 10 and 11
Overburden Profiles 12 and 13
Overburden Profiles 14 and 15
Overburden Profiles 16, 17 and 18
Overburden Profiles 19 and 20
Overburden Profiles 21 and 22

LIST OF MAPS

Magnetometer Survey - Grid 1
Magnetometer Survey - Grid 2
Magnetometer Survey - Grid 3
Magnetometer Survey - Grid 4

H.E.M. Survey; 444 Frequency - Grid 1
H.E.M. Survey; 444 Frequency - Grid 2
H.E.M. Survey; 444 Frequency - Grid 3
H.E.M. Survey; 444 Frequency - Grid 4

H.E.M. Survey; 1777 Frequency - Grid 1
H.E.M. Survey; 1777 Frequency - Grid 2
H.E.M. Survey; 1777 Frequency - Grid 3
H.E.M. Survey; 1777 Frequency - Grid 4

Drill Hole Locations - Grid 1
Drill Hole Locations - Grid 2
Drill Hole Locations - Grid 3
Drill Hole Locations - Grid 4

Bedrock Geology - Grid 1
Bedrock Geology - Grid 2
Bedrock Geology - Grid 3
Bedrock Geology - Grid 4

Bedrock Geochemistry - Grid 1
Bedrock Geochemistry - Grid 2
Bedrock Geochemistry - Grid 3
Bedrock Geochemistry - Grid 4

Till Geochemistry - Grid 1
Till Geochemistry - Grid 2
Till Geochemistry - Grid 3
Till Geochemistry - Grid 4

INTRODUCTION

In May, 1985, 375 claims were staked in Montgolfier and Aloigny Townships by Exploration Kerr Addison inc. of Val d'Or, Quebec as part of a regional exploration program for gold in the Abitibi region of northwest Quebec. An overburden drilling program was chosen as the most favourable method of exploration due to the thick, extensive overburden cover in the area.

From May to June (prior to drilling), linecutting, max-min EM and magnetic surveys were performed by C.D.I. Surveys of Val d'Or, Quebec to better define airborne magnetics and airborne EM-conductors. This was followed up by an overburden drilling program where 199 holes were drilled at 250 metre spacing along all max-min EM conductors and 300 to 500 metres south (down-ice) of conductors. The overburden drilling was carried out by Heath and Sherwood Drilling of Kirkland Lake, Ontario between July 12 and July 26, 1985. Basal till and bedrock samples were collected and sent to Bondar-Clegg and Company in Ottawa, Ontario for analysis for gold, copper, zinc and some for arsenic. This report gives a detailed account of the work performed.

SUMMARY

An overburden drilling program was completed in Montgolfier and Aloigny Townships, Quebec by Exploration Kerr Addison inc. in July, 1985. In total, 199 holes were drilled averaging 105 feet per hole. The bedrock geology consisted of metavolcanic rocks (basalt and andesite); metasedimentary rocks (arenite, greywacke, phyllite, argillite and quartzite); tuffaceous rocks; and graphitic rocks. The Pleistocene geology comprised one or possibly two till units capped by a thick unit of lacustrine clay.

Anomalous gold concentrations occur in bedrock in 3 main zones on the property with gold concentrations varying from 10 to 920 ppb. All three of these zones warrant follow-up work.

LOCATION AND ACCESS

The Kerr Addison claims straddle the Montgolfier-Aloigny township boundary and are located 20 km (12 miles) north of Joutel in northwestern Quebec. The property encompasses 375 claims which form a long, narrow east-west section 22 km long by approximately 3 km wide. (See Figures 1, 2)

Access to the east part of the property is by 2 lane paved highway from Joutel. Access to the west part of the property is by boat from Joutel along the Harricana River. The interior parts of the property are accessible by helicopter in summer or by snowmobile in winter. Also, good winter roads, accessible by 4-wheel drive truck from the paved highway, have been cleared for previous exploration programs in the area.

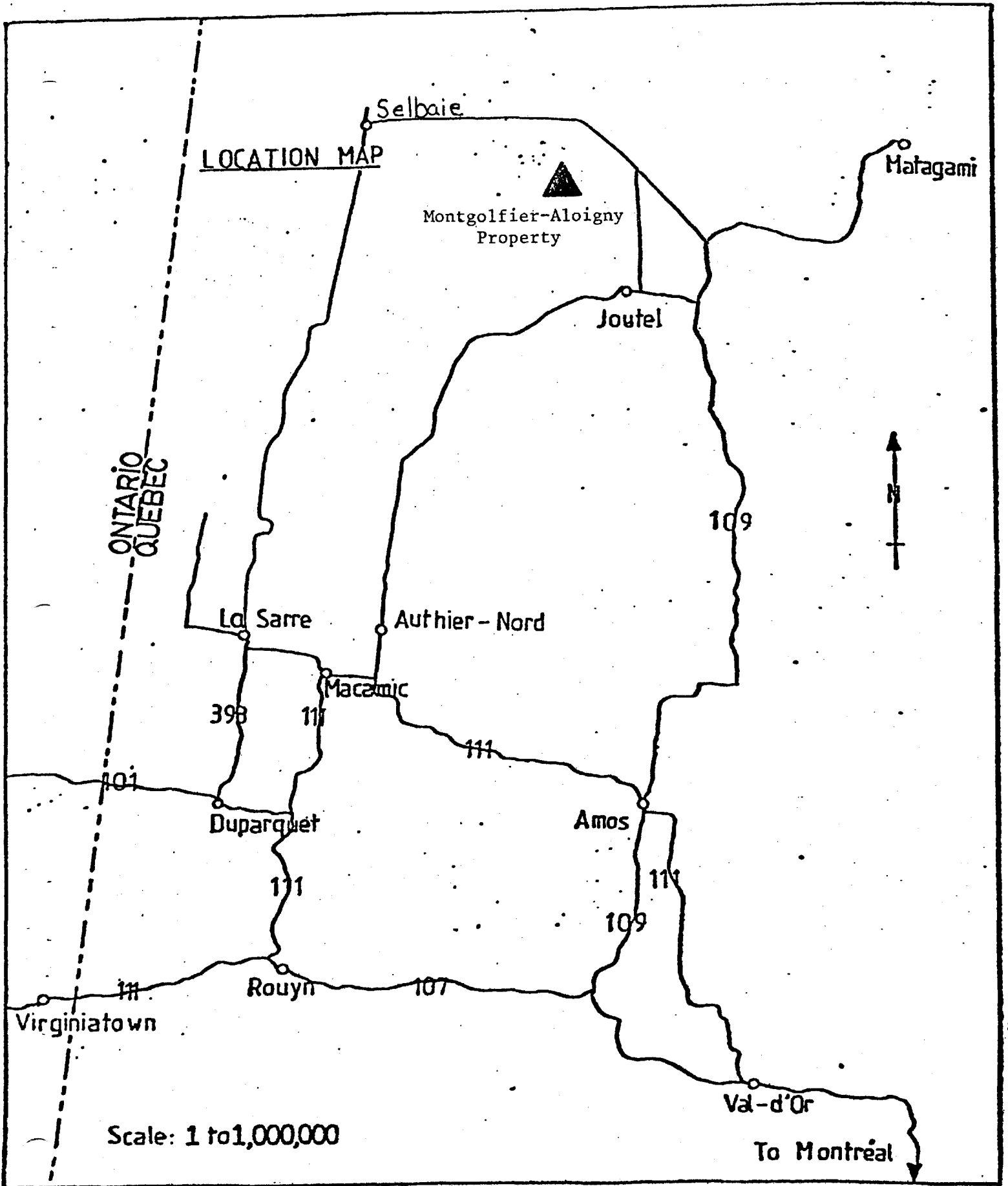


Figure 1 - Location Map

REGIONAL GEOLOGY

1:250,000

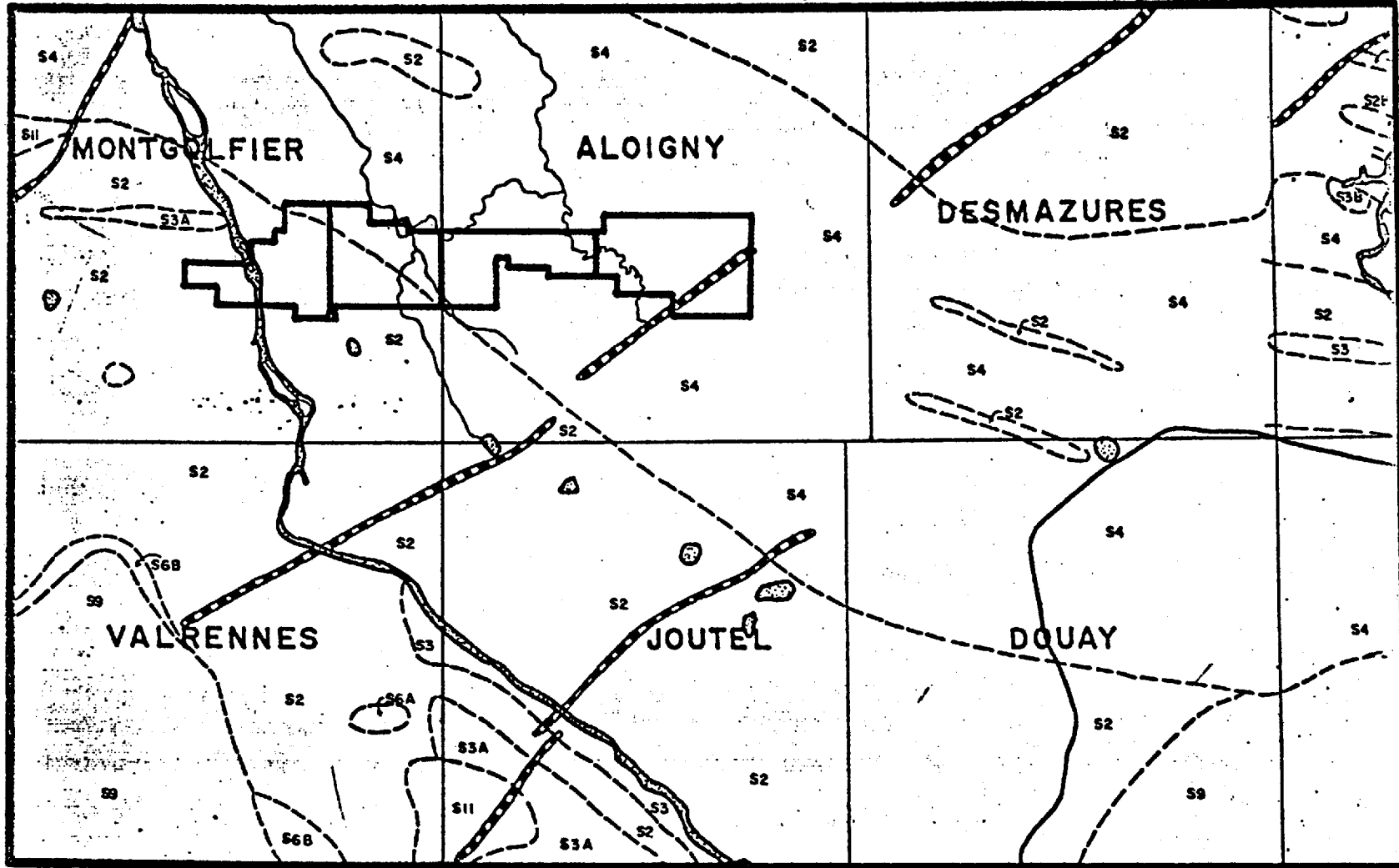


Figure 2 - Montgolfier - Aloigny Property Location Map

PHYSIOGRAPHY AND VEGETATION

Most of the Montgolfier-Aloigny property is low-lying, poorly drained, sparsely vegetated muskeg. Exceptions to this are along the well-drained rivers where mixed forest of poplar and spruce predominate and near the eastern margin of the property where mature pine forest grows on sandy esker (glacial moraine?) ridges. The esker deposits have a relief of approximately 50 feet on the property.

PREVIOUS WORK

Numerous geophysical surveys and diamond drill programs have been implemented, in the past, on or near the Kerr Addison property for exploration of gold, base metals and iron ore. The most pertinent geological information will be listed in this report, while more detailed information may be found in the Quebec government offices on the 'Carte de Localisation des Travaux Geoscientifiques' map sheet numbers 32E/09 and 32E/10.

Some gold exploration was done in the area in the late 1940's. From 1957 to 1960, intensive geophysical work and diamond drilling by Atlin Ruffner Mines Ltd. outlined a large tonnage, low grade (320 million tons, $\pm 20\%$ Fe) iron ore deposit to the north of the Kerr Addison claims.

In 1964, 5 holes were drilled to the north of the claims (west of the Harricana River) as part of an exploration program for base metals. Low results were obtained. In 1978 'Le Societe de Developpement de La Baie James drilled 3 holes on the eastern part of the Kerr Addison claims. Only iron sulphide mineralization was encountered. In 1981, 2 holes were drilled on the Kerr Addison ground, approximately 1 kilometre east of the Harricana River by Noranda Exploration. Minor sulphides were intersected in the holes. In 1984, an overburden drilling program was performed by Utah Mines just to the north of the Kerr Addison property. No significant gold assay values were returned in bedrock although several interesting gold, silver and base metal anomalies were recorded in till and gravel samples.

GEOPHYSICS

All geophysical work was contracted out to C.D.I. Surveys of Val d'Or, Quebec. C.D.I. performed a magnetics survey using a Scintrex IGS2 proton magnetometer and an electromagnetic survey using an Apex-104 max-min electromagnetometer. A 150 metre coil separation at 444 and 1777 Herz frequencies were used for the electromagnetic survey. Readings were taken at 25 metre intervals on 250 metre spaced lines. All interpretations of the results were done by C.D.I. Surveys.

In general, the magnetics trend in an ESE direction. On the eastern part of the property, the magnetics are generally low with occasional narrow high magnetic bands. One linear NE trending magnetic anomaly has been interpreted on government geology maps to represent an intrusive diabase dyke. On the western portion of the property, the magnetic response greatly increases towards the north and south boundaries of the claim group. This is probably the effect of iron formation to the north and south of the property.

In total, 29 electromagnetic conductors were located by C.D.I. Surveys. These varied in length from 9 kilometres to 1-line conductors and trended in an east direction across the property. The longer conductors were very strong and well defined with an average width of 25 to 50 metres.

OVERBURDEN DRILLING

Two hundred thirty holes totalling 22,000 feet (6707 metres) were drilled by Heath and Sherwood Drilling of Kirkland Lake, Ontario utilizing 2 Nodwell-mounted, Acker reverse circulation drills 24 hours per day. Holes were drilled at 250 metre intervals along all electromagnetic conductors and also 300 to 500 metres south of conductors. The hole depths ranged from 15 to 194 feet with the average depth being 105 feet.

All tills and gravels were sampled in 10 foot intervals or at significant compositional changes in the overburden. Fifteen to twenty lb. samples were collected of the tills and gravels with the basal till sample being submitted for analysis for gold, copper, zinc and some for arsenic. Duplicates of the basal till samples were also collected to be saved for future examination or analysis.

The holes were drilled an average of 2.5 feet into bedrock. All bedrock samples were submitted for analysis for gold, copper, zinc and some for arsenic. Duplicate bedrock samples were retained for future examination.

The holes were logged continuously during drilling by Kerr Addison geologists.

GEOLOGY

General Geology

The Montgolfier-Aloigny property is located in the Abitibi Greenstone Belt of northern Quebec and Ontario. The claims are located in an east-trending package of metavolcanic and metasedimentary rocks. Iron formation is associated with much of the metasedimentary rocks in the area.

Pleistocene Geology

The average overburden thickness in the 199 holes drilled was 102.5 feet. Profiles of the holes are located at the back of the report.

The overburden stratigraphy was relatively simple in the drilling area. Most of the bedrock was covered by a till layer averaging 20 to 30 feet in thickness. A maximum till thickness of 80 feet was noted. The thicker sections of tills were usually located in bedrock valleys, whereas thin till sheets normally covered bedrock highs or the south side of bedrock highs (glacial down-ice direction). The direction of glacial transport was from the north-north west as determined by glacial striae in the area. Most of the tills were sandy or cobbly with some clay tills as well. The tills represent a period of deposition during a glacial ice advance.

Some glaciofluvial units consisting of well sorted silt, sand and gravel were found within the tills. Also, a few narrow (10 feet) lacustrine clay units were found within the till. These clay units may represent a remnant stage of deposition between two glacial ice advances.

A thick lacustrine clay unit averaging 75 feet in thickness capped the whole till unit. The lacustrine clay unit consisted of soft, grey, non-gritty clay with minor sandy or silty interbeds.

An exception to the fore-mentioned overburden stratigraphy is at the eastern end of the property (profiles 1 and 2) where sections greater than 125 feet in thickness of waterlain sands and gravels were encountered. These sediments are believed to be the deposition of an interlobate moraine or an esker. This area (without the time consuming and expensive process of casing the holes) posed a difficult problem for drilling.

Precambrian Geology

The geology of the Montgolfier-Aloigny property consists of an east-trending package of metasedimentary and metavolcanic rocks. Pillowed volcanics to the south of the property indicate the

top of the units to be north-facing. Diamond drill hole data in the area indicate the units to be steeply dipping to the north. The metasedimentary-metavolcanic package can be broken into 4 main units. These are as follows: 1) metavolcanic rocks, 2) metasedimentary rocks, 3) tuffaceous rocks, and 4) graphitic rocks.

The metavolcanic rocks are the most prominent rock type on the property. They are generally aphanitic to fine-grained but occasionally "grainy" in texture. It is sometimes difficult to distinguish between the arenaceous metasediments and the metavolcanic rocks, however, the metavolcanic rocks do not appear to be as siliceous. Also, the fine-grained volcanics have angular grains. The volcanic unit displays weak to moderate schistosity. Quartz-carbonate veining and carbonatization are common throughout the unit. Pyritization, silicification and sericitization are less common.

The metasedimentary unit occurs between volcanic units along the length of the property. It consists of a number of rock types, the most common being arenite. Also, occasionally present are greywacke, phyllite, argillite and quartzite. The arenaceous rocks are usually green coloured and fine-grained with a grainy texture. The clasts, which average 40 to 70% of the rock, are rounded to subangular and are dominantly quartz with lesser feldspars and minor mafics. The cement is siliceous with some chloritization. The schistosity of the arenaceous rocks is weak to moderate and sometimes finely laminated. The greywackes are recognizable by their poorly developed penetrative fabric; the phyllite and argillite are recognizable by their distinctive schistositities and the quartzite can be recognized by its highly siliceous nature. The most common alteration types in the metasedimentary rock unit includes sericitization and carbonatization with quartz-carbonate veining often occurring near the volcanic rock contact.

The tuffaceous rocks are grey-coloured and usually have coarser clasts than the arenites. The tuffs are less siliceous than the arenites and are finely laminated with weak to strong schistosity. The tuffs normally occur along strike with the graphitic rocks in long narrow zones between the metasediments and metavolcanics.

The graphitic rock unit includes graphitic to subgraphitic schists and wackes. This unit is fairly narrow (probably less than 100 metres) and occurs along the contact of the metavolcanic and metasedimentary rocks. It has not been determined whether the high graphite content is due to shearing or if it is part of the original sedimentary package of rocks although there appears to be an intimate association between graphite and the tuffaceous unit. Quartz-carbonate veining and pyrite mineralization (up to 70%) are normally found within the graphitic rock unit.

The most common visible mineralization on the property occurs as pyrite and minor pyrrhotite within the graphitic rock unit. In hole MA-85-192, 20% arsenopyrite was observed in tuffaceous bedrock fragments near the graphitic rock unit. Assay results revealed a value of 920 ppb gold for this bedrock sample.

GEOCHEMISTRY

In total, 195 overburden samples and 200 bedrock samples were submitted for analysis to Bondar-Clegg and Company in Ottawa, Ontario. The overburden samples averaged 15 to 20 lbs. (7 to 9 kg) in weight and were prepared for analysis by drying, disaggregating and then taking a representative split of which 500 grams of the sample was pulverized to -200 mesh. The analysis for gold was conducted using the Fire Assay lead collection/DC Plasma-ES measurement with a 20 gram test weight. This method has a detection level of 1 ppb. The copper and zinc analyses were conducted using the Hot Le Fort Aqua Regia digestion with a Flame Atomic Absorption measurement. The arsenic analysis was done using the HNO₃-HCLO₄ digestion and a colorimetric measurement. Bedrock samples were pulverized to -200 mesh and then analyzed using the same method as the overburden samples.

Histograms were plotted for the data to determine anomalous concentrations for the elements. Anomalous values of 10 ppb gold, 100 ppm copper and 115 ppm zinc were determined for bedrock. Anomalous values of 10 ppb gold, 33 ppm copper and 40 ppm zinc were determined for till samples. See Appendix iv.

There are 3 major zones (Zones 1 to 3) of strongly anomalous metal concentrations and 3 minor zones (Zones 4 to 6) on the Montgolfier-Aloigny property.

Zone 1 is a gold anomaly in bedrock, 3500 metres in length from L105+00W to L140+00W. This anomaly occurs along 2 east-trending graphitic conductors spaced 500 metres apart. Nine out of 26 bedrock samples in this zone varied from 10 to 920 ppb gold and 2 till anomalies of 11 and 19 ppb gold were recorded. 5 of the bedrock samples were greater than 40 ppb gold. Also, 3 bedrock samples in this zone yielded zinc values of 157 to 240 ppm. One thousand, two hundred and fifty metres to the west, along strike of the anomalous gold zone, 2 more values of 10 and 46 ppb gold occur in bedrock. One thousand, two hundred metres to the south (down-ice) of the zone, anomalous concentrations of 43 and 53 ppm zinc were recorded in till.

Anomalous gold Zone 2, occurs from L72+50W to L85+00W, south of TL12+50S. Here, 4 lines of 23 holes were drilled revealing 6 holes with bedrock gold values ranging from 10 to 18 ppb, 6 holes with bedrock copper values ranging from 104 to 121 ppm and 2 holes with zinc values of 115 and 154 ppm. These anomalies were located along a very strong magnetic high (iron formation) or along volcanic

sedimentary rock contacts. The most anomalous hole in this zone was MA-85-130 which was anomalous for all elements in both till and bedrock. Values of 18 ppb gold, 107 ppm copper and 154 ppm zinc were recorded in bedrock. Values of 39 ppb gold, 44 ppm copper and 11 ppm zinc were recorded in till.

Anomalous Zone 3 is 250 metres long and occurs from L150W to L152+50W at 17+00S. Anomalous gold concentrations of 10 and 105 ppb and an anomalous copper value of 285 ppm were recorded in bedrock. This anomalous gold zone also occurs along a graphitic conductor.

Zone 4 covers a single bedrock sample of 2560 ppm zinc which occurs along the southern claim boundary at L62+50W.

Zone 5 is a 3-hole zinc anomaly of 133 ppm, 156 ppm and 181 ppm occurring in bedrock from L77+50W to L80+00W and between 4+00S and 9+00S.

Zone 6 is a single till sample of 101 ppb gold occurring at L35+20W, 4+50S.

DISCUSSION

The three major anomalous gold zones found through bedrock geochemistry are worthy of more work and investigation to expand and enhance known mineralization.

The most interesting zone, Zone 1, has a strike length of 3500 metres and is 500 metres wide. It occurs between L105W and L140W along strongly graphitic or tuffaceous units. Nine anomalous bedrock samples in this zone yielded results up to 920 ppb gold. Carbonatization and quartz-carbonate veining were common throughout the graphitic and tuffaceous units. Pyrite mineralization occurred throughout as disseminated cubes up to 5mm or in massive patches varying from 5 to 70% of the rock unit. Arsenopyrite (up to 20%) occurred in hole MA-85-192 which also had a value of 920 ppb gold in bedrock.

Zone 2 is located in the southwest quadrant of Grid 3 in an interbanded package of metavolcanic and metasedimentary rock. In this area, 11 of 23 holes drilled had anomalous concentrations of gold (up to 18 ppb), copper (up to 121 ppm) and/or zinc (up to 154 ppm). Mineralized holes were drilled in both the metasedimentary and metavolcanic rocks with quartz-carbonate veining commonly occurring at the contact of the 2 rock units. Pyrite mineralization is also common in this zone.

Zone 3 is a 2 hole gold anomaly located approximately 750 metres east of the Harricana River at 17+00S. Gold values of 10 and 105 ppb and a zinc value of 285 ppm were found in a graphitic unit

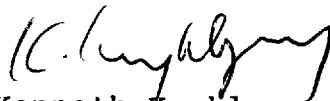
along the metavolcanic-metasedimentary rock unit. Strong iron-oxide alteration was associated with this zone.

Two other smaller anomalous zones were also found on the claims. However, these are low priority areas at the present time. Details of these zones can be found in the Geochemistry section of the report.

RECOMMENDATIONS

- 1) Re-analyze all till samples using heavy mineral concentrate analysis; and perform a gold grain count and description to accurately define anomalous gold trains in till.
- 2) Utilize more detailed overburden drilling in areas of anomalous gold concentrations in bedrock and/or till. Till samples would need to be re-analyzed using the above-mentioned methods to determine areas of anomalous gold in till. However, for the present time, more detailed overburden drilling is recommended in the following anomalous bedrock zones:
 - i) between L105W and L140W along the strongly conductive graphitic-tuffaceous units.
 - ii) in the southwest quadrant of Grid 3.
 - iii) along the 2 hole gold-zinc anomaly located at 17+00S south, 750 metres east of the Harricana River.
- 3) A winter overburden drilling program is also recommended in geologically favourable areas which were not accessible during the summer months because of extremely wet ground conditions.

Respectfully submitted,



M. Kenneth Kryklywy, P. Eng.

CERTIFICATE

This is to certify that I, Kenneth Kryklywy, am a temporary employee of Kerr Addison Mines Limited, Toronto, Ontario.

I have a B.A.Sc. (1979) from the University of Toronto

I am a Registered Professional Engineer (1983) with the Association of Professional Engineers of Ontario.

All of the work undertaken in this report was under my supervision.



M. Kenneth Kryklywy, P. Eng



APPENDIX i

Crew Members

Crew Members

Kenneth Kryklywy	-	Project Supervisor
Brian Gray	-	Geologist
Katherine Kryklywy	-	Geologist
Barry Otton	-	Geologist
Ellen Leask	-	Geologist
Amy Nishio	-	Geologist
Brian Miller	-	Geologist
Jeffrey Brown	-	Geologist
Donald Ford	-	3rd year Geology Student
Doug Bayer	-	Field Assistant
Brian Armstrong	-	Field Assistant
Tom Spring	-	Field Assistant
Rob Hiscox	-	Field Assistant

APPENDIX ii

Claim Numbers

Claim Numbers

432898-1	432899-1
432898-2	432899-2
432898-3	432899-3
432898-4	432899-4
432898-5	432899-5
432907-1	432908-1
432907-2	432908-2
432907-3	432908-3
432907-4	432908-4
432907-5	432908-5
432909-1	432910-1
432909-2	432910-2
432909-3	432910-3
432909-4	432910-4
432909-5	432910-5
432911-1	432912-1
432911-2	432912-2
432911-3	432912-3
432911-4	432912-4
432911-5	432912-5
432913-1	433232-1
432913-2	433232-2
432913-3	433232-3
432913-4	433232-4
432913-5	433232-5
433634-1	433760-1
433634-2	433760-2
433634-3	433760-3
433634-4	433760-4
433634-5	433760-5
433761-1	433762-1
433761-2	433762-2
433761-3	433762-3
433761-4	433762-4
433761-5	433762-5
433763-1	433764-1
433763-2	433764-2
433763-3	433764-3
433763-4	433764-4
433763-5	433764-5

Claim Numbers (Cont'd)

433765-1
433765-2
433765-3
433765-4
433765-5

433766-1
433766-2
433766-3
433766-4
433766-5

433766-1
433766-2
433766-3
433766-4
433766-5

433767-1
433768-2
433768-3
433768-4
433768-5

433768-1
433768-2
433768-3
433768-4
433768-5

433769-1
433769-2
433769-3
433769-4
433769-5

433770-1
433770-2
433770-3
433770-4
433770-5

433771-1
433771-2
433771-3
433771-4
433771-5

433772-1
433772-2
433772-3
433772-4
433772-5

433773-1
433773-2
433773-3
433773-4
433773-5

433774-1
433774-2
433774-3
433774-4
433774-5

433775-1
433775-2
433775-3
433775-4
433775-5

433776-1
433776-2
433776-3
433776-4
433776-5

433777-1
433777-2
433777-3
433777-4
433777-5

433778-1
433778-2
433778-3
433778-4
433778-5

433779-1
433779-2
433779-3
433779-4
433779-5

Claim Numbers (Cont'd)

433780-1	433781-1
433780-2	433781-2
433780-3	433781-3
433780-4	433781-4
433780-5	433781-5

433782-1	433783-1
433782-2	433783-2
433782-3	433783-3
433782-4	433783-4
433782-5	433783-5

433784-1	433785-1
433784-2	433785-2
433784-3	433785-3
433784-4	433785-4
433784-5	433785-5

433786-1	433787-1
433786-2	433787-2
433786-3	433787-3
433786-4	433787-4
433786-5	433787-5

433788-1	433789-1
433788-2	433789-2
433788-3	433789-3
433788-4	433789-4
433788-5	433789-5

433790-1	433791-1
433790-2	433791-2
433790-3	433791-3
433790-4	433791-4
433790-5	433791-5

433792-1	433793-1
433792-2	433793-2
433792-3	433793-3
433792-4	433793-4
433792-5	433793-5

433794-1	433795-1
433794-2	433795-2
433794-3	433795-3
433794-4	433795-4
433794-4	733795-5

Claim Numbers (Cont'd)

433796-1	433797-1
433796-2	433797-2
433796-3	433797-3
433796-4	433797-4
433796-5	433797-5

433798-1	433799-1
433798-2	433799-2
433798-3	433799-3
433798-4	433799-4
433798-5	433799-5

433818-1	433819-1
433818-2	433819-2
433818-3	433819-3
433818-4	433819-4
433818-5	433819-5

433820-1	433821-1
433820-2	433821-2
433820-3	433821-3
433820-4	433821-4
433820-5	433821-5

433822-1	433823-1
433822-2	433823-2
433822-3	433823-3
433822-4	433823-4
433822-5	433823-5

433824-1	433825-1
433824-2	433825-2
433824-3	433825-3
433824-4	433825-4
433824-5	433825-5

433826-1	433827-1
433826-2	433827-2
433826-3	433827-3
433826-4	433827-4
433826-5	433827-5

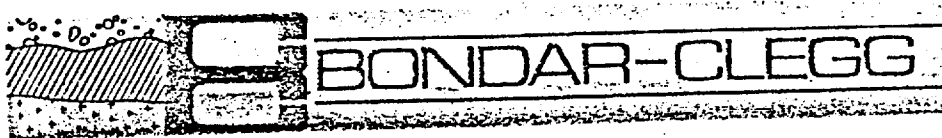
433828-1	433829-1
433828-2	433829-2
433828-3	433829-3
433828-4	433829-4
433828-5	433829-5

Claim Numbers (Cont'd)

433830-1	433831-1
433830-2	433831-2
433830-3	433831-3
433830-4	433831-4
433830-5	433831-5
433832-1	433833-1
433832-2	433833-2
433832-3	433833-3
433832-4	433834-4
433832-5	433834-5
433834-1	433835-1
433834-2	433835-2
433834-3	433835-3
433834-4	433835-4
433734-5	433835-5
433836-1	433837-1
433836-2	433837-2
433836-3	433837-3
433836-4	433837-4
433836-5	433837-5
433838-1	434048-1
433838-2	434048-2
433838-3	434048-3
	434048-4
	434048-5
434049-1	434050-1
434049-2	434050-2
434049-3	434050-3
434049-4	434050-4
434049-5	434050-5
434051-1	
434051-2	
434051-3	
434051-4	
434051-5	

APPENDIX III

GEOCHEMICAL SAMPLES AND RESULTS

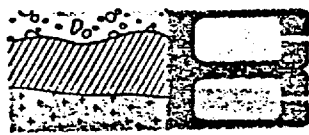


PORT: 015-2057

PROJECT: G-30C

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Cu PPM	Zn PPM	As PPM	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Cu PPM	Zn PPM	As PPM
NA-85-101-06	<1		71	58	6	NA-85-223-05	<1	44	73	9	
NA-85-104-04	<1		55	106	6	NA-85-223-07	<1	59	99	17	
NA-85-105-02	1		47	89	15	NA-85-224-02	5	103	87	29	
NA-85-106-05	1		82	88	11	NA-85-226-06	<1	57	59	24	
NA-85-107-02	<1		27	64	45						
NA-85-108-01	1		70	89	18						
NA-85-109-04	<1		52	91	<2						
NA-85-110-07	<1		33	84	5						
NA-85-111-03	<1		33	40	3						
NA-85-112-05	2		56	73	6						
NA-85-113-10	<1		55	156	26						
NA-85-114-02	<1		63	107	7						
NA-85-115A-04	11		25	11	194						
NA-85-116-02	1		36	53	6						
NA-85-117-06	2		31	40	17						
NA-85-118-01	3		41	59	7						
NA-85-119-04	8		47	73	28						
NA-85-120-02	<1		35	44	20						
NA-85-202A-03	<1		57	47	32						
NA-85-203C-02	<1		100	77	7						
NA-85-204-05	1		37	52	6						
NA-85-205-02	<1		47	50	2						
NA-85-206-02	<1		45	54	3						
NA-85-207-06	<1		28	36	<2						
NA-85-208-02	<1		42	51	27						
NA-85-209-02	<1		35	59	2						
NA-85-210-02	<1		39	89	2						
NA-85-211-02	<1		27	38	10						
NA-85-211-06	<1		33	97	4						
NA-85-212-02	1		93	41	2						
NA-85-212-03	<1		14	12	<2						
NA-85-213-03	1		94	51	5						
NA-85-214-04	1		70	64	4						
NA-85-215-03	<1		44	72	11						
NA-85-217-02	<1		39	67	13						
NA-85-218-03	<1		3	18	<2						
NA-85-219-06	3		65	73	134						
NA-85-220-02	<1		72	61	3						
NA-85-221-03	<1		46	58	19						
NA-85-222-07	7		45	88	113						



REPORT: 015-2184

PROJECT: B-30C PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Au PPB
NA-85-171-05		47	92	<1	NA-85-277-05		65	98	40
NA-85-172-04		124	55	3	NA-85-278-03		64	112	<1
NA-85-173-09		38	50	3	NA-85-279-06		38	96	<1
NA-85-174-10		31	69	3	NA-85-280-07		94	92	1
NA-85-175-07		56	214	3	NA-85-281-03		71	59	<1
NA-85-176-08		88	65	2	NA-85-282-07		37	44	1
NA-85-177-01		63	99	4	NA-85-283-04		78	92	<1
NA-85-178-02		47	65	2	NA-85-284-01		93	85	7
NA-85-179-02		295	92	47	NA-85-285-08		72	68	<1
NA-85-179-03		84	47	105	NA-85-286-05		53	63	<1
NA-85-180-01		79	58	10	NA-85-287-03		60	72	<1
NA-85-181-02		98	85	3	NA-85-288-02		58	42	6
NA-85-182-04		116	68	<1	NA-85-289-03		56	71	5
NA-85-183-13		82	45	<1	NA-85-290-03		49	69	<1
NA-85-184-08		66	40	1	NA-85-291-02		53	68	1
NA-85-185-04		65	110	1	NA-85-292-02		56	82	4
NA-85-186-02		39	70	3	NA-85-293-04		52	78	<1
NA-85-187-07		48	58	2	NA-85-294-02		43	104	2
NA-85-188-02		43	70	2	NA-85-295-10		51	74	<1
NA-85-189-02		51	109	2	NA-85-296-03		21	55	18
NA-85-190-01		54	73	3	NA-85-297-02		105	88	<1
NA-85-191-03		64	117	3	NA-85-298-02		121	76	2
NA-85-192-02		54	39	358	NA-85-299-03		44	87	3
NA-85-192-02A		77	39	220	NA-85-300-05		40	94	7
NA-85-193-11		75	44	6	NA-85-301-11		45	81	<1
NA-85-193-12		74	41	4	NA-85-302-03		60	77	2
NA-85-193-13		47	55	3					
NA-85-194-05		38	56	4					
NA-85-195-08		37	62	2					
NA-85-196-05		42	63	1					
NA-85-197-07		49	72	<1					
NA-85-268-03		30	59	<1					
NA-85-269-05		51	80	2					
NA-85-270-04		66	73	4					
NA-85-271-03		54	85	1					
NA-85-272-03		37	70	4					
NA-85-273-01		35	82	2					
NA-85-274-05		25	20	3					
NA-85-275-06		148	58	90					
NA-85-276-01		125	162	43					

BEDROCK

REF: 15-2085

PROJECT: B-30C

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Au PPB
NA-85-121-02		29	59	1	NA-85-163-03		41	74	2
NA-85-123-02		62	133	2	NA-85-164-06		24	29	<1
NA-85-124-05		70	181	4	NA-85-165-01		38	78	1
NA-85-125-01		89	31	1	NA-85-166-07		22	24	46
NA-85-125-02		36	68	1	NA-85-166-08		14	22	33
NA-85-127-05		42	50	<1	NA-85-168-08		26	58	1
NA-85-128-06		46	30	16	NA-85-169-05		108	41	1
NA-85-129-02		91	47	2	NA-85-170-07		87	51	<1
NA-85-130-06		107	154	18	NA-85-227-08		45	49	1
NA-85-131-02		119	60	2	NA-85-228-05		104	115	<1
NA-85-132-03		32	75	<1	NA-85-229-09		33	43	<1
NA-85-133-04		46	71	1	NA-85-230-11		34	71	<1
NA-85-134-02		43	116	<1	NA-85-231-02		35	59	1
NA-85-135-03		52	74	2	NA-85-232-02		49	60	16
NA-85-136-02		45	84	2	NA-85-233-02		44	61	2
NA-85-137-02		77	96	1	NA-85-234-03		50	64	2
NA-85-138-05		70	107	1	NA-85-235-02		44	17	10
NA-85-139-02		95	162	32	NA-85-236-04		32	58	15
NA-85-140-05		40	55	2	NA-85-237-02		47	72	2
NA-85-141-07		35	51	2	NA-85-238-03		51	65	1
NA-85-142-11		69	29	18	NA-85-239-04		36	111	2
NA-85-143-02		54	56	<1	NA-85-240-05		46	72	<1
NA-85-144-04		39	240	2	NA-85-241-03		64	2560	<1
NA-85-145-02		49	107	4	NA-85-243-02		43	73	1
NA-85-146-03		22	65	22	NA-85-244-01		63	101	<1
NA-85-147-04		33	13	3	NA-85-245-02		50	83	1
NA-85-148-03		35	20	1	NA-85-246-07		67	48	13
NA-85-149-05		30	26	15	NA-85-247-02		42	82	3
NA-85-150-04		16	50	<1	NA-85-247-05		16	103	<1
NA-85-152-03		30	44	5	NA-85-248-03		46	149	<1
NA-85-153-02		32	46	1	NA-85-249-04		29	72	<1
NA-85-154-05		43	60	<1	NA-85-250-02		25	77	<1
NA-85-155-01		37	38	2	NA-85-251-03		32	43	<1
NA-85-156-04		60	56	8	NA-85-252-04		44	114	<1
NA-85-157-03		37	75	2	NA-85-253-02		49	104	11
NA-85-158-04		35	71	12	NA-85-254-06		59	66	<1
NA-85-159-03		36	66	1	NA-85-255-02		74	68	1
NA-85-160-01		38	54	<1	NA-85-256-06		52	100	5
NA-85-161-02		41	57	2	NA-85-257-02		44	67	1
NA-85-162-01		45	120	10	NA-85-257-03		23	51	1

PORT: 015-2085

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Au PPB
NA-85-258-02		36	111	<1
NA-85-259-09		39	157	9
NA-85-260A-05		56	30	3
NA-85-261-04		30	51	<1
NA-85-262-04		40	68	20
NA-85-263-03		33	47	3
NA-85-264-02		37	83	4
NA-85-265-02		46	62	1
NA-85-266-02		43	65	5
NA-85-267-08		35	53	86



REPORT: 015-2183

PROJECT: Q-300

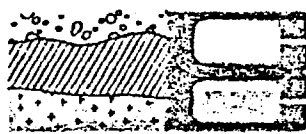
PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Au PPB
NA-85-169-04		9	17	<1	NA-85-298-01		36	24	2
NA-85-170-06		22	35	<1	NA-85-299-01		26	33	1
NA-85-171-04		23	36	<1	NA-85-299-02		17	28	2
NA-85-172-03		14	24	1	NA-85-300-04		10	17	<1
NA-85-173-08		12	18	1	NA-85-301-09		17	22	<1
NA-85-174-09		17	18	3	NA-85-301-10		20	25	<1
NA-85-175-06		20	39	3	NA-85-302-02		9	15	<1
NA-85-176-07		20	29	1					
NA-85-176-07		16	23	1					
NA-85-178-01		11	12	1					
NA-85-179-01		8	10	26					
NA-85-181-01		24	26	1					
NA-85-182-03		10	14	<1					
NA-85-183-12		15	25	<1					
NA-85-184-07		16	25	<1					
NA-85-185-01		30	41	3					
NA-85-185-02		14	20	12					
NA-85-185-03		16	25	<1					
NA-85-187-05		16	24	<1					
NA-85-187-06		27	23	<1					
NA-85-188-01		13	22	6					
NA-85-191-02		15	31	<1					
NA-85-192-01		30	41	49					
NA-85-193-01		12	33	<1					
NA-85-194-04		14	22	<1					
NA-85-195-07		15	26	<1					
NA-85-196-04		5	9	<1					
NA-85-197-05		14	21	<1					
NA-85-197-06		14	22	<1					
NA-85-288-01		9	16	<1					
NA-85-289-02		11	21	<1					
NA-85-290-02		16	26	<1					
NA-85-291-01		27	35	<1					
NA-85-292-01		10	18	2					
NA-85-293-03		9	13	<1					
NA-85-294-01		13	27	<1					
NA-85-295-09		10	18	7					
NA-85-296-01		13	20	<1					
NA-85-296-02		11	19	<1					
NA-85-297-01		13	17	<1					

REPORT 15-2056

PROJECT: 9-30C PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Cu PPM	Zn PPM	As PPM	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Cu PPM	Zn PPM	As PPM
NA-85-101-05	<1	25	43	5	NA-85-216-05	<1	13	26	2		
NA-85-102-01	<1	9	15	<2	NA-85-217-01	<1	13	20	2		
NA-85-104-03	<1	9	15	<2	NA-85-218-02	<1	25	31	3		
NA-85-105-01	2	21	27	4	NA-85-218-03	<1	17	28	5		
NA-85-106-04	<1	6	10	<2	NA-85-219-05	<1	12	23	3		
NA-85-107-01	3	14	23	4	NA-85-220-01	<1	18	22	3		
NA-85-109-03	<1	19	28	2	NA-85-221-02	<1	9	15	2		
NA-85-110-06	<1	9	15	2	NA-85-222-06	2	22	27	13		
NA-85-111-02	2	12	25	2	NA-85-223-06	<1	9	15	2		
NA-85-112-04	<1	12	22	2	NA-85-224-01	<1	7	9	2		
NA-85-113-09	<1	19	29	4	NA-85-225-02	2	24	34	10		
NA-85-114-01	<1	18	28	3	NA-85-226-04	1	10	18	2		
NA-85-115A-03	7	42	17	13	NA-85-227-07	2	21	32	4		
NA-85-116-01	<1	10	17	4	NA-85-228-08	17	20	26	10		
NA-85-117-05	2	16	26	16	NA-85-229-08	5	20	27	13		
NA-85-119-03	1	13	20	4	NA-85-230-11	<1	15	24	4		
NA-85-120-01	22	14	25	7	NA-85-231-01	1	10	27	3		
NA-121-01	1	21	32	9	NA-85-232-01	2	19	22	4		
NA-85-122-04	<1	14	24	3	NA-85-234-02	<1	16	27	5		
NA-85-123-01	2	20	32	14	NA-85-235-01	<1	14	21	4		
NA-85-124-04	<1	15	33	3	NA-85-236-03	4	11	17	2		
NA-85-126-01	<1	8	16	2	NA-85-237-01	10	12	16	8		
NA-85-127-04	1	10	17	4	NA-85-238-02	12	19	26	7		
NA-85-128-05	3	20	30	9							
NA-85-129-01	3	16	22	8							
NA-85-130-04	1	35	44	5							
NA-85-130-05	11	39	41	7							
NA-85-202A-02	5	29	44	11							
NA-85-203C-01	<1	26	28	7							
NA-85-204-04	1	34	62	18							
NA-85-205-01	2	13	22	<2							
NA-85-206-01	1	28	38	22							
NA-85-207-05	<1	18	29	<2							
NA-85-208-01	1	16	26	3							
NA-85-209-01	<1	16	25	2							
NA-85-210-01	<1	13	25	<2							
NA-85-211-01	<1	14	27	11							
NA-85-212-01	10	6	8	<2							
NA-85-213-02	1	19	24	2							
NA-85-215-02	<1	10	17	<2							



015-2036

PROJECT: B-30C

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Au PPB
MA-85-131-01		25	30	3	MA-85-245-01		14	20	1
MA-85-132-02		17	24	<1	MA-85-246-06		23	30	2
MA-85-133-03		14	19	<1	MA-85-247-04		17	28	1
MA-85-134-01		13	28	2	MA-85-248-02		25	36	1
MA-85-135-02		12	20	1	MA-85-249-03		14	21	<1
MA-85-136-01		15	23	<1	MA-85-250-01		10	15	<1
MA-85-137-01		13	19	<1	MA-85-251-02		16	21	<1
MA-85-138-04		12	20	<1	MA-85-252-03		13	22	1
MA-85-139-01		11	17	<1	MA-85-253-01		20	34	2
MA-85-140-04		21	31	6	MA-85-254-05		23	22	1
MA-85-141-06		10	17	<1	MA-85-255-01		21	22	1
MA-85-142-10		43	32	6	MA-85-256-05		23	29	1
MA-85-143-01		16	22	2	MA-85-257-01		17	25	14
MA-85-144-03		10	16	1	MA-85-257-02		18	25	1
MA-85-145-01		14	23	6	MA-85-258-01		21	31	1
MA-85-146-02		21	38	11	MA-85-259-08		19	32	1
MA-85-147-03		15	20	3	MA-85-260A-04		10	14	<1
MA-85-148-02		13	21	1	MA-85-260-06		17	26	1
MA-85-149-04		8	13	1	MA-85-261-03		18	25	1
MA-85-150-03		17	32	2	MA-85-262-03		9	12	1
MA-85-151-01		16	22	5	MA-85-263-03		21	30	1
MA-85-152-02		13	19	<1	MA-85-264-01		32	34	3
MA-85-153-01		15	22	<1	MA-85-265-01		17	26	9
MA-85-154-04		23	32	1	MA-85-266-01		31	43	6
MA-85-155-03		32	53	4	MA-85-267-06		16	28	<1
MA-85-157-02		22	31	1	MA-85-267-07		19	28	4
MA-85-158-03		10	15	1	MA-85-268-02		17	23	2
MA-85-159-02		14	20	<1	MA-85-269-04		12	17	<1
MA-85-161-01		12	19	1	MA-85-270-03		19	26	19
MA-85-162-02		9	14	<1	MA-85-271-02		10	17	<1
MA-85-163-02		10	15	1	MA-85-272-02		23	34	1
MA-85-165-05		13	20	1	MA-85-274-04		18	23	<1
MA-85-166-06		34	55	3	MA-85-275-05		10	14	<1
MA-85-167-05		25	31	1	MA-85-277-04		8	12	<1
MA-85-169-07		16	24	1	MA-85-278-02		12	20	2
MA-85-239-03		13	29	4	MA-85-279-05		16	21	<1
MA-85-241-02		16	30	<1	MA-85-280-05		12	19	<1
MA-85-241-04		10	16	1	MA-85-281-02		20	25	<1
MA-85-242-02		17	26	1	MA-85-282-05		22	27	<1
MA-85-243-01		14	21	2	MA-85-282-06		16	18	<1

110



BONDAR-CLEGG

Geochemical
Lab Report

TILL

15-2086

PROJECT: B-30C

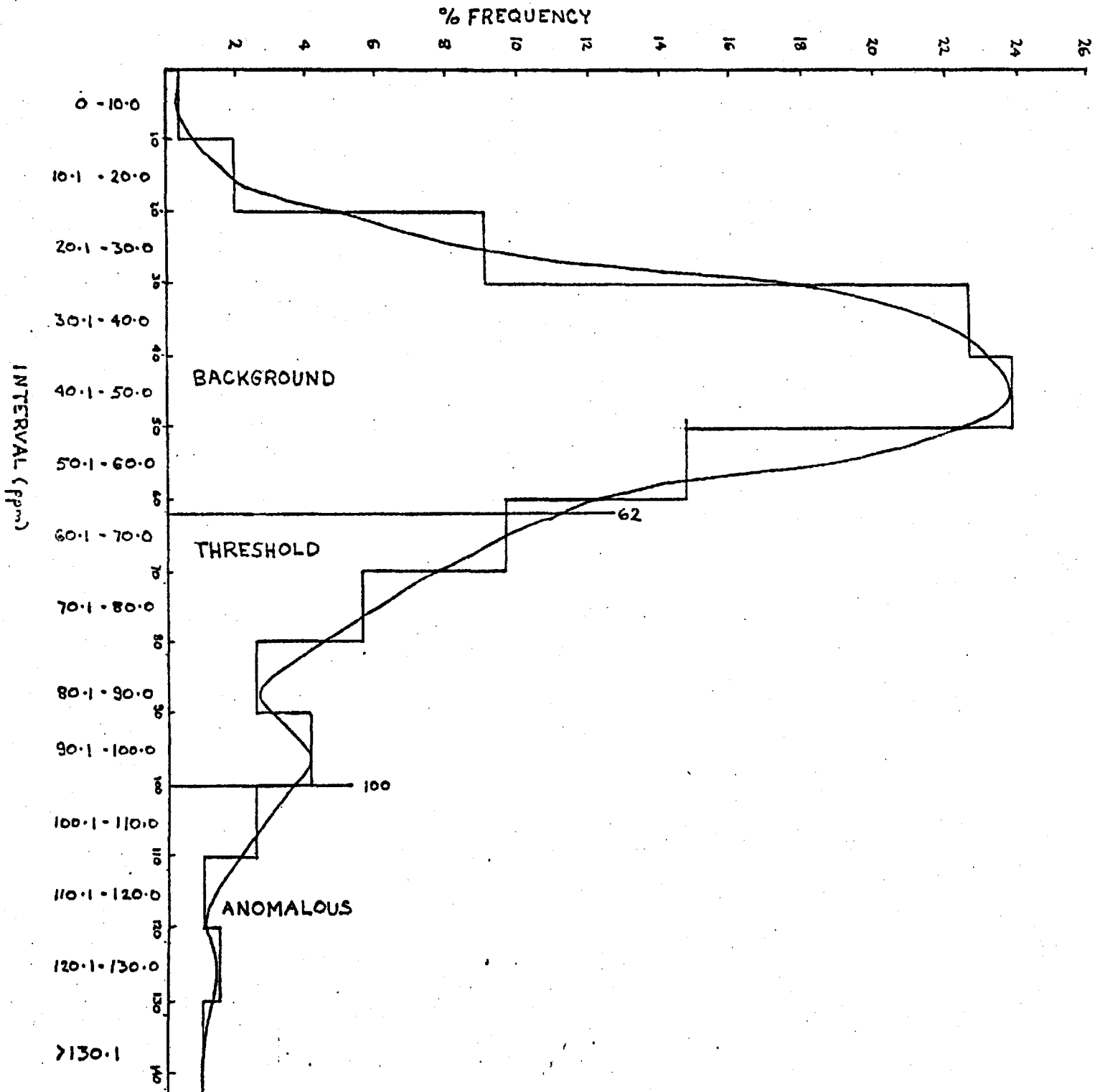
PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Au PPB
NA-85-283-03		20	22	<1					
NA-85-295-07		23	26	<1					
NA-85-286-04		15	17	1					
NA-85-287-01		40	34	<1					
NA-85-287-02		21	27	2					

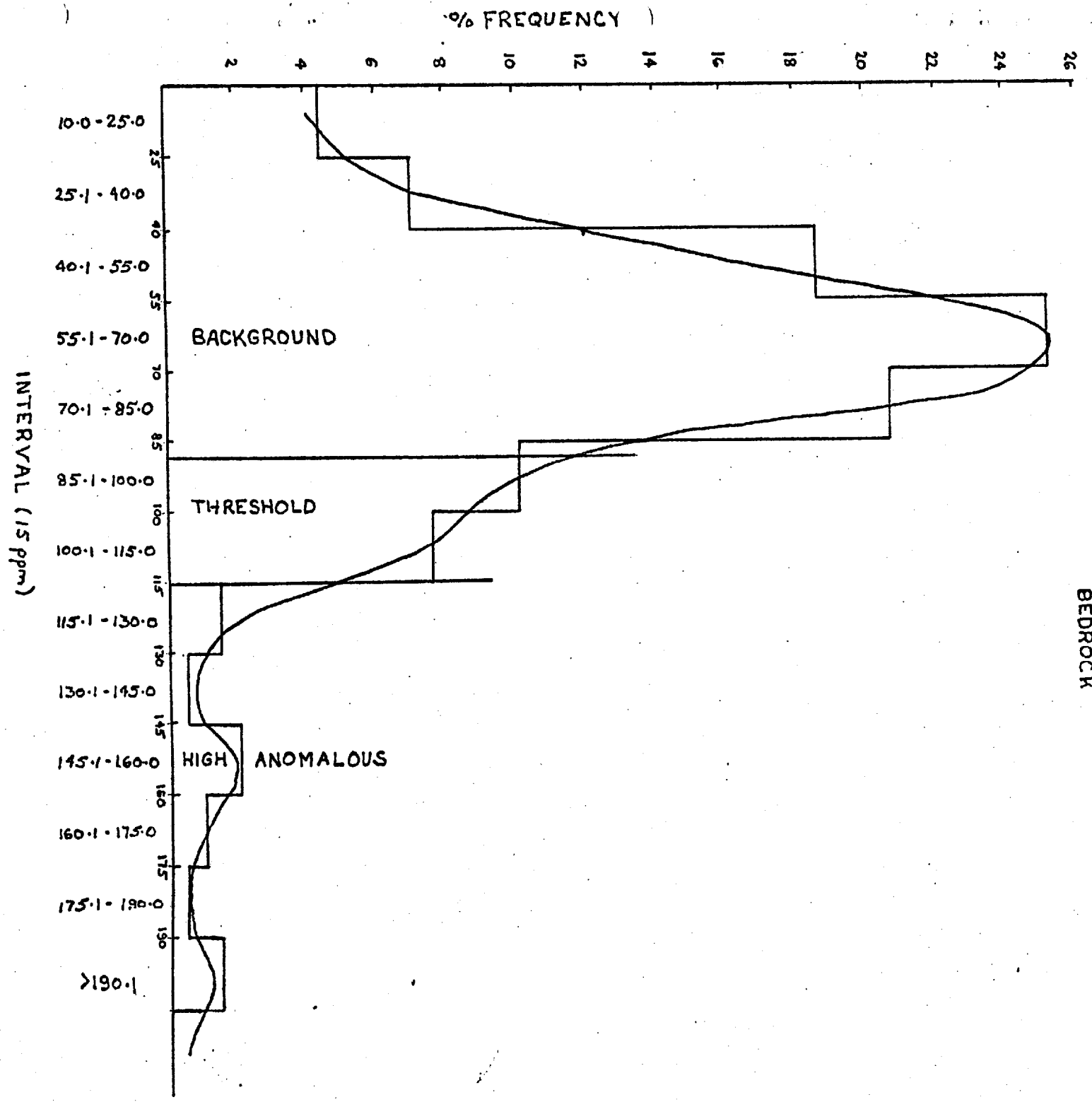
APPENDIX IV

HISTOGRAMS FOR COPPER AND ZINC FOR
BEDROCK AND TILL

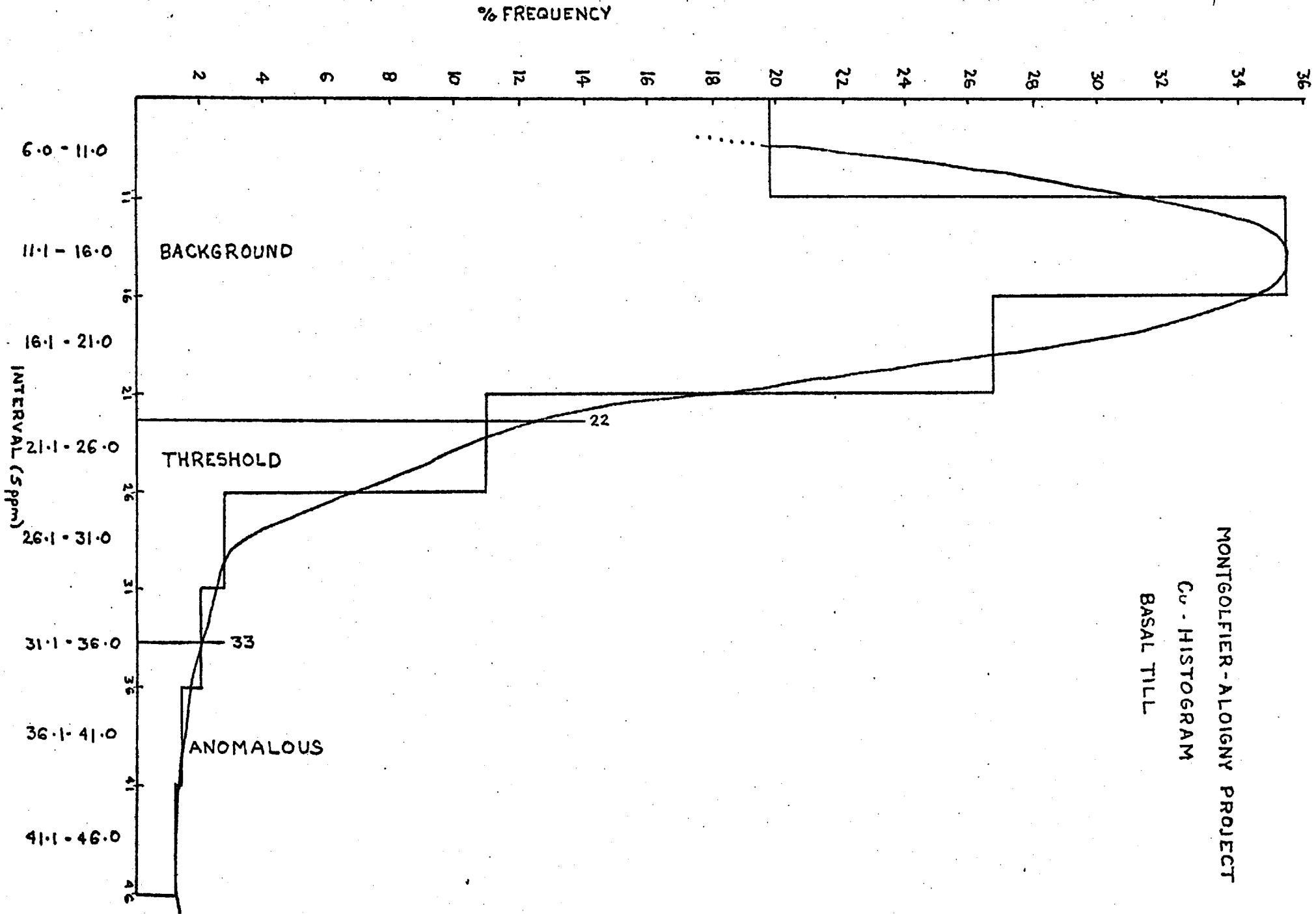
MONTGOLFIER-ALOIGNY PROJECT
Cu - HISTOGRAM
BEDROCK



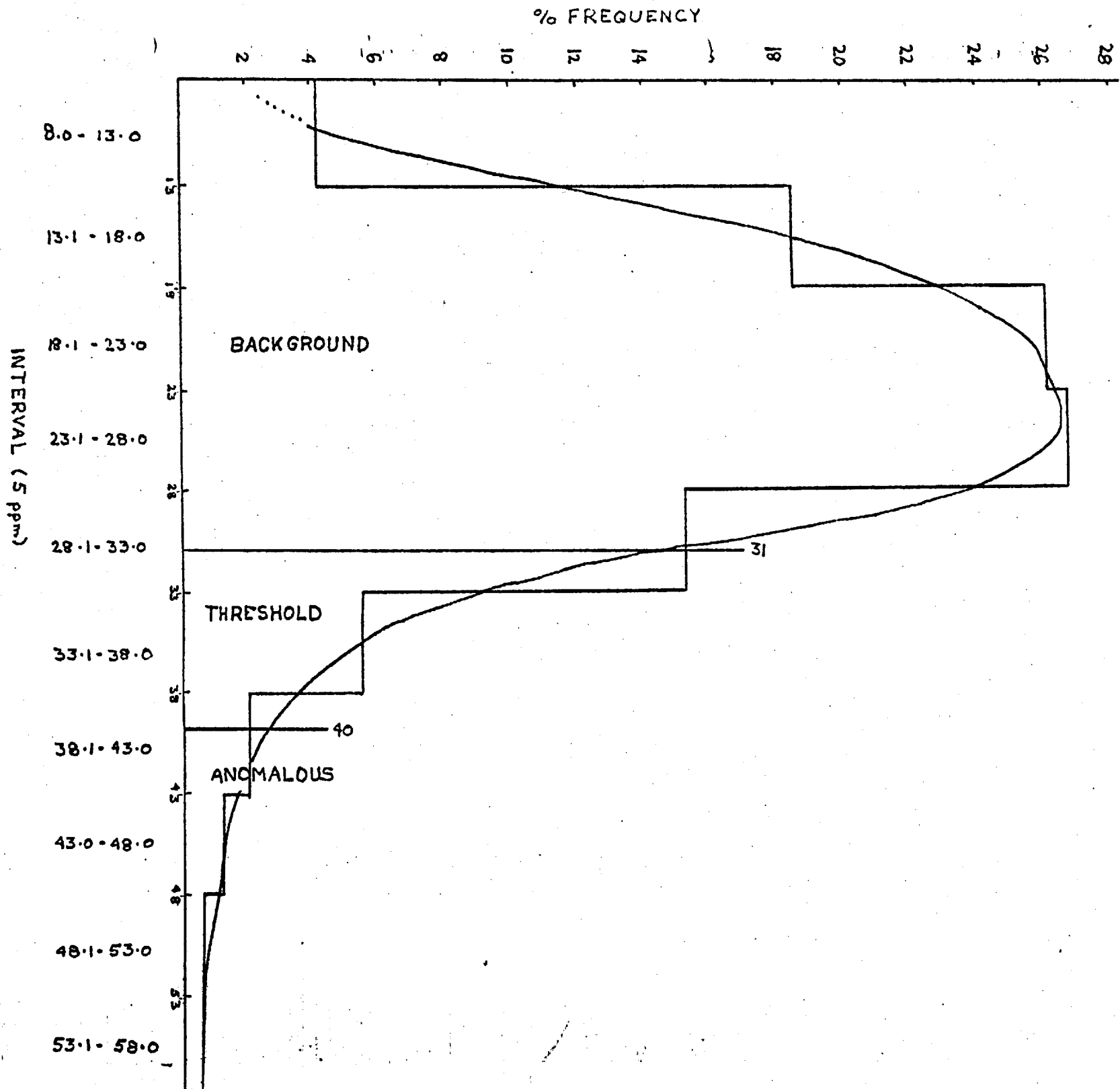
MONTGOLFIER-ALOIGNY PROJECT
Zn - HISTOGRAM
BEDROCK



MONTGOLFIER-ALOIGNY PROJECT
Cu - HISTOGRAM
BASAL TILL



MONTGOLFIER - ALOIGNY PROJECT
Zn - HISTOGRAM
BASAL TILL



KERR ADDISON MINES LIMITED
OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD
 HOLE NO MA-85-101 LOCATION LOT 00, 2+503 DEPTH 118'
 DATE STARTED July 12, 1985; 8:00 pm HOLE ELEVATION _____
 DATE COMPLETED July 13, 1985; 1:45 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	GRAVEL : 0-2' (Road)				
10	ORGANICS : 2'-4' dark brown peat, muck				
20	SILTY CLAY : 4'-34' : 10-15% silt, fine sand : 85-90% clay : sat ^d , grey, calcareous				
30	SAND : 34'-65' : well sorted, fine to medium grained : 5-10% pebbles: well rounded, poly lithic. : numerous clay seams less than 6 inches wide.				
40	: 34' pebble bed.				
50					
60					
70	GRAVEL : 65'-115.5' : moderately well sorted. : 20-25% pebbles: sub rounded to rounded. : 40% grey, finely foliated, very fine grained sediments : 30% dark green, aphanitic volcanics. : 30% granitoids : 70% sand, 10% clay	01	65	75	
80	: 76' : 1' oxidized sand lens (well sorted; 1% pebbles)	02	75	85	
90	: 93' : 2' coarse grained sand lens (well sorted; 1% pebbles)	03	85	95	
100	: 99' : 2' coarse grained sand lens	04	95	105	

Ministère de l'Énergie et des Ressources
 Service de la Géoinformation
 Date: 7 AOUT 1986
 No G.M.: 42919


KERR ADDISON MINES LIMITED
OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-101 LOCATION L0400, 2+50S DEPTH 118'

DATE STARTED July 12, 1985; 8:00 pm HOLE ELEVATION _____

DATE COMPLETED July 13, 1985; 1:45 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100	 <p>up to 20% pyrite in graphitic pebbles.</p> <p>BEDROCK: 115.5' - 118' Andesite (Basalt)</p> <ul style="list-style-type: none"> : medium green, aphanitic volcanic with 10% quartz - carbonate veinlets (<math>\le 1/4''</math>) : carbonatized : trace disseminated pyrite cubes. <p>END OF HOLE AT 118'</p>	04	95	105	
110		05	105	115.5	
120		06	115.5	118	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST DAN FORD
 HOLE NO MA-85-102 LOCATION LOT 100, B+755 DEPTH 125'
 DATE STARTED July 13, 1985; 2:45 am HOLE ELEVATION _____
 DATE COMPLETED July 13, 1985; 8:30 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
0 - 2					
10					
20					
30					
40					
50					
60					
70					
72 - 75					
75 - 88					
88 - 125					
100					

ORGANICS: 0' - 2'
 : dark brown pent. muck

CLAY: 2' - 50'
 : soft, grey, calcareous
 : < 1% sand/silt
 : < 1% pebbles (sub angular)
 : introduction of silt at 40'

SILT: 50' - 72'
 : grey, well sorted. (< 1% pebbles)
 : water table at 55'

SAND: 72' - 75'
 : medium to coarse grained, grey
 : well sorted (< 1% pebbles)

SILT: 75' - 88'
 : well sorted (< 1% pebbles)
 : grey

SAND: 88' - 125'
 : well sorted (5% pebbles poly lithic)
 : medium to coarse grained.
 : grey.

: 98' pebble bed.
 : moderately well sorted
 : clasts poly lithic, sub rounded.

KERR ADDISON MINES LIMITED


OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-102 LOCATION L0100.8+755 DEPTH 125'

DATE STARTED July 13, 1985; 2:45 am HOLE ELEVATION _____

DATE COMPLETED July 13, 1985; 8:30 am

DEPTH (feet) 100	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
					
110		01	105	115	
120					
130					

END OF HOLE at 125'
(stopped due to continual
plugging of rods).

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER / ALOIGNY GEOLOGIST KATHY KRYKLYLY

HOLE NO MA-85-103 LOCATION 12.50W, 91.50S DEPTH 125'

DATE STARTED July 13, 1985; 10:40am HOLE ELEVATION _____

DATE COMPLETED July 13, 1985; 1:00pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	<p><u>ORGANICS : 0 - 4'</u> - minor sand</p>				
10	<p><u>CLAY : 4' - 47'</u> - grey, moderately soft, non gritty - 6' clay becomes soft - 10' - 35' - Poor Return - possibly fine material is being washed away - some fine grained sand 8' - 20' - probably interbedded with clay - 35' - good return - soft, grey clay</p>				
20					
30	<p><u>CLAY / SILT / SAND : 47' - 56'</u> - inter bedded, well sorted - ~ 2m sequences - fining upwards - sand - fine grained, brown</p>				
40					
50	<p><u>SAND : 56' - 125'</u> - fine grained - very well sorted - 5% clay seams - grey, non gritty - 95' - 22% small pebbles - sand - medium to coarse grained - well sorted</p>				
60					
70	<p>- hole closed at 125' because of sand plugging the rods</p> <p>END OF HOLE : 125'</p>				
80					
90					
100					

KERR ADDISON MINES LIMITED


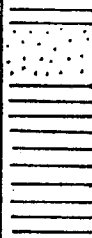


OVERBURDEN DRILL LOG

PROPERTY MONGOLFIER / ALOIGNY GEOLOGIST KATHY KRYKLYWY

HOLE NO MA-85-104 LOCATION 15+00W, 10+25S DEPTH 170'

DATE STARTED July 13, 1985; 1:40pm HOLE ELEVATION _____

DATE COMPLETED July 13, 1985; 3:05pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	 <p><u>ORGANICS</u> : 0 - 3'</p> <ul style="list-style-type: none"> - minor sand 				
10	 <p><u>CLAY</u> : 3' - 48'</p> <ul style="list-style-type: none"> - grey, moderately soft, non gritty - 8' - 11' - Sand lens - 1% small pebbles - 15' - 30' - Poor Return - minor sand and pebbles - possibly interbedded clay and sand with the fine material being washed away - very fast, even rod descent - 35' - CLAY - very soft, grey 				
30	 <p><u>CLAY / SILT / SAND</u> : 48' - 73'</p> <ul style="list-style-type: none"> - interbedded - well sorted 				
60	 <p><u>SAND</u> : 73' - 146'</p> <ul style="list-style-type: none"> - some minor silt and clay seams - fine grained, brown, very well sorted - 85' - < 1% small, rounded pebbles - 95' - clay seam then medium to coarse grained sand with 41% small pebbles - very well sorted - clay seams - every 5' - 6" in width - grey, moderately soft, non gritty - 100' - back to fine to medium grained 				
70					
80					
90					
100					

KERR ADDISON MINES LIMITED
OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER LA LOIGNY GEOLOGIST KATHY KRYKLYJY
 HOLE NO MA-85-104 LOCATION 15+00W, 10+25S DEPTH 170'
 DATE STARTED July 13, 1985; 1:40pm HOLE ELEVATION _____
 DATE COMPLETED July 13, 1985; 3:05pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	<p><u>CLAY</u>: 146' - 150'</p> <ul style="list-style-type: none"> - grey, non gritty 				
110	<p><u>SAND</u>: 150' - 152'</p> <ul style="list-style-type: none"> - coarse grained - 5% small pebbles 				
120	<p><u>TILL</u>: 152' - 157'</p> <ul style="list-style-type: none"> - 50% fine grained sand, 50% pebbles - poorly sorted, 10% rounded clasts - pebbles ~20% granitoids, ~40% fine grained, light green, carbonaceous rock, - 10% fine grained, dark green volcanic rock, 15-20% sedimentary rocks 				
130					
140	<p><u>GRAVEL</u>: 157' - 168'</p> <ul style="list-style-type: none"> - 20-50% medium to coarse grained sand, 30-80% pebbles - moderately sorted, ~20% rounded clasts - up to 50% granitoids, 20-30% fine grained, medium green rock, 10% sedimentary rock, ~20% fine grained mafic volcanic rock 				
150					
160		01	152'	155'	
		02	155'	165'	
		03	165'	168'	
		04	168'	170'	
170	<p><u>BEDROCK</u>: 168' - 170' Subgraphitic argillite</p> <ul style="list-style-type: none"> - dark grey, slightly magnetic (possibly fine disseminated pyrrhotite) - 2-5% pyrite - cubic - up to 5mm in size - fine laminations or schistosity (fair) - soft - graphitic 				
	END OF HOLE: 170'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER / ALOIGNY GEOLOGIST KATHY KRYKLYWY

HOLE NO MA-95-105 LOCATION L7+50W DEPTH 84'

DATE STARTED July 13, 1985; 4:15 pm HOLE ELEVATION _____

DATE COMPLETED July 13, 1985; 5:05 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	<p><u>SAND / PEBBLES</u> : 0 - 2'</p>				
	<p><u>CLAY</u> : 2' - 40'</p> <ul style="list-style-type: none"> - dark brown, stiff - 4' - becomes light brown, moderately soft - 5' - 15' - Poor Return - clay probably washed away - <1% rounded pebbles and 5% fine grained sand in return - interbeds? - 25' - back to grey, soft, clay 				
	<p><u>CLAY / SILT / SAND</u> : 40' - 65'</p> <ul style="list-style-type: none"> - interbedded - well sorted - sand - fine grained - clay - grey, soft - 50' - up to 80% fine grained sand 				
	<p><u>SAND</u> : 65' - 79'</p> <ul style="list-style-type: none"> - 95% fine grained sand, 5% clay and silt - very well sorted 				
	<p><u>GRAVEL</u> : 79' - 81'</p> <ul style="list-style-type: none"> - possibly a till - 50% medium grained sand, 50% pebbles - moderately sorted, 40-50% rounded clasts - pebbles - ~30% fine grained, medium green rock, 30-50% fine grained mafic volcanic rock, ~10% granitoids, ~10% sedimentary rocks 				
	<p><u>BEDROCK</u> : 81' - 84' Subgraphitic argillite</p> <ul style="list-style-type: none"> - fine grained, dark green, graphitic - pyrite - 41%, cubic up to 5mm in size - finely laminated or schistose - soft - 5% contamination from above 				
	<p>END OF HOLE : 84'</p>	01	79	81	
		02	81	84	

KERR ADDISON MINES LIMITED
OVERBURDEN DRILL LOG

PROPERTY Montgolfier - Alaigny GEOLOGIST B. OTTON
 HOLE NO MA-85-106 LOCATION 110+00 W, 11+75 S DEPTH 126'
 DATE STARTED July 13, 1985 9:35 pm HOLE ELEVATION _____
 DATE COMPLETED July 13, 1985 11:20 pm

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	* ORGANIC: 0-1' - Black muck				
	CLAY: 1'-91'				
	1'-3' - soft, brown clay				
10	3'-75' - 90-98% soft, grey, calcareous clay, 2-10% silt, occasional pebbles layers				
	75'-91' - 50-80% clay, 20-50% silt				
20					
30					
40					
50					
60					
70					
80					
90	GRAVEL: 91'-123.5'				
	- moderately sorted				
	- 70% fine to medium grained sand, 30% pebbles	01	91	95	
	- 30% rounded pebbles, 70% angular				
100	- 60% granitoid, 15% volcanic, 15% sediment, 5% quartz	02	95	105	

KERR ADDISON MINES LIMITED
OVERBURDEN DRILL LOG

PROPERTY Montgolfier - Alogay GEOLOGIST B. OTTON

HOLE NO MA-85-106 LOCATION L 10+00W, 11+75 S DEPTH 126'

DATE STARTED July 13, 1985 9:35 pm HOLE ELEVATION _____

DATE COMPLETED July 13 11:20 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100	100' - pink granite cobble, 2"	02	95	105	
110	109' - 6" sand seam 110' - 70-80% granitoid pebbles, 10-20% volcanic, 10% sedimentary including 3% fossiliferous limestone	03	105	115	
120	116' - 1' coarse sand seam 118' - 1' medium to coarse sand seam 121' - 3" granitoid cobble. 70% yellow, 30% dark green	04	115	123.5	
	<i>S_{py}</i> BEDROCK: 123.5' - 126' Subgraphitic greywacke - dark grey, aphanitic, carbonaceous sediment - foliated - soft - 1% carbonate veinlets up to 1/8" - host rock is not carbonatized - 3-10% fine disseminated pyrite, also a pyrite coating on some fractures. 125.5' - 5% carbonate veinlets - 5-10% coarse sand contamination from above.	05	123.5	126	
130	END OF HOLE 126'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-107 LOCATION L12+50W, 12+50S DEPTH 105'

DATE STARTED July 14, 1985 12:40 am HOLE ELEVATION _____

DATE COMPLETED July 14 1:30 am

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	±				
	ORGANIC: 0-1' - brown muck				
	CLAY: 1'-95'				
	- soft grey clay				
10	20' - 1% grit, 1/2% pebbles				
20					
30					
40					
50					
60					
70	70' - 5% silt				
	75' - 10% silt				
80					
	85' - 30% silt				
90					
	90' - 15-20% silt				
	SAND: 95' - 103'				
	- 20% sand, 5% pebbles, 75% clay				
	approximately				
100	97' - 30-40% sand	01	95	103	

KERR ADDISON MINES LIMITED


OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-107 LOCATION L12+50 W, 12+50 S DEPTH 105'

DATE STARTED July 14, 1985 12:40am HOLE ELEVATION _____

DATE COMPLETED July 14 1:30 pm

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100		01	95	103	
		02	103	105	
110	<p>100' - well sorted - 30% fine sand, 55% medium to coarse sand, 15% pebbles</p> <p>BEDROCK: 103' - 105' 103' - 103.5' - oxidized? - 50% medium grey, 50% greenish brown - medium grained - 5% white grains in the grey parts</p> <p>103.5' - 105' - Fresh Tuff - medium grey with 5% white mottling due to grains of white mineral. - medium grained - hardness ≈ 4 - 5% 1/8" quartz veins - trace py in quartz veins as medium grained cubes. - no carbonate - massive texture - Tuff?</p> <p>END OF HOLE 105'</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOLONY GEOLOGIST B. OTTON

HOLE NO MA-85-108 LOCATION L15+00W, 13+25 S DEPTH 65'

DATE STARTED July 14, 1985 2:20 am HOLE ELEVATION _____

DATE COMPLETED July 14 3:05 am

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY	
			FROM	TO		
0	<p>CLAY: 0 - 61.5'</p> <p>0-1' - stiff, grey clay</p> <p>1-9' - stiff, brown clay with 5% medium to coarse sand</p> <p>9' - 61.5' - soft, grey, calcareous clay with 2% grit</p>					
10						
20						
30						
40						
43'		5% silt				
50		52' - 10% silt				
58'		10% silt to fine sand				
60		<p><u>BEDROCK: 61.5' - 65' Volcanic</u></p> <p>61.5' - 62' - oxidized?</p> <p>- orangy - brown</p>	01	61.5	65	
62' - 65'						
70	<p>62' - 65' - medium to dark green</p> <ul style="list-style-type: none"> - fine to medium grained - minorly carbonatized - 5% quartz veinlets up to 1/4" with xenoliths of host. - 5% carbonate in the quartz veinlets - fractured?, the drilling was fast - individual chips look massive - hardness ≈ 4 - Volcanic 					
	END OF HOLE 65'					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montgolfier - Alagny GEOLOGIST B. OTTON / B. MILLER

HOLE NO MA-85-109 LOCATION L 12+50 W, 13+25 S DEPTH 115.5'

DATE STARTED July 14, 1985 6:00 am HOLE ELEVATION _____

DATE COMPLETED July 17 8:40 am

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	CLAY: 0 - 90.5'				
	0-3' - dark brown clay				
	3'-90.5' - soft grey clay, 1% grit				
10					
20					
30					
40					
45	45' - 0% grit				
50					
54	54' - 2-5% silt, 1% grit				
60					
70					
75	75' - 1% pebbles				
80					
88	88' - 10% fine sand				
90	TILL?: 90.5' - 113.5'				
	- 50% medium sand, 10-20% pebbles,	01	90.5	95	
	- 30-40% clay assumed				
	- poorly sorted				
	- 30% rounded clasts, 70% angular	02	95	105	
	- cobbly				
100					

KERR ADDISON MINES LIMITED


OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON / B. MILLER

HOLE NO MA-85-109 LOCATION L17450 W, 13+75 S DEPTH 115.5'

DATE STARTED July 14, 1985 6:00 am HOLE ELEVATION _____

DATE COMPLETED July 14, 1985 8:40 am

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100	A	02	95	105	
	A				
110	A	03	105	113.5	
	A				
		04	113.5	115.5	
120	<p>BEDROCK: 113.5 - 115.5' Volcanic</p> <ul style="list-style-type: none"> - medium grey-green aphanitic - calcareous with about 5% visible calcite - rock displays slight schistosity or foliation - possibly volcanic or sediment <p>END OF HOLE: 115.5'</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST Amy NISHIO

HOLE NO MA-85-110 LOCATION L 19+90W, 11+2 S DEPTH 151'

DATE STARTED JULY 14, 1985; 9:15am HOLE ELEVATION _____

DATE COMPLETED JULY 14, 1985; 12:00 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>ORGANICS: 0-1'</p> <p>CLAY - SILT - SAND: 1-78 1/2'</p> <ul style="list-style-type: none"> - clay is brown, non-gritty, soft lumps - 1-4': brown, hard, non-gritty clay lumps - 4-22': Silt, fine grained, poly lithic sand and 1% medium grained sand - 22-78 1/2': Clay - silt, minor (<5%) coarse sand and pebbles - 52': introduction of fine grained, poly lithic sand (1%) to clay - 45': colour of clay changes to light grey 				
40	<p>INTERBEDDED GRAVEL - SAND: 78 1/2 - 146'</p> <p>GRAVEL (cobbly):</p> <p>Matrix (-10 return): medium - coarse grained sands, poly lithic; 50-75% of return.</p> <p>Clasts (+10 return): 25-50% of return; +10= coarse sand, pebbles and rock fragments.</p> <p>Mafic/Felsic = 75%/25%. Mafics = Green Volcanics (30%); Black laminated Sedimentary (25-40%). Felsics = Granitoids (20-45%).</p> <p>Trace Epidote and Quartz (pink-hematite?)</p> <ul style="list-style-type: none"> - Gravel is moderately well-sorted. - Rock fragments > grains but show curved edges; grains are sub-round to sub-angular (30-40%). 				
70	<p>SAND:</p> <ul style="list-style-type: none"> - fine grained, poly lithic sand, well sorted with 1-5% coarse sand and occasional pebble. 				
80	<ul style="list-style-type: none"> - 78 1/2 - 80 1/2': Gravel - 80 1/2 - 89': Cobbly Horizon - 89': Sedimentary (black, laminated, fine grained) 	01	78 1/2'	85'	
90	<ul style="list-style-type: none"> - 92-113': Sand; gradation increase of grain size from 110' with introduction of medium grained sand and additional +10 return. 	02	85'	91 1/2'	
100	<ul style="list-style-type: none"> - 116-119': Cobbly ie Granite (116') - 119-120': Sand lense - 122-123': Sand lense - 123 1/2': Volcanic Cobble 				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALQIGAY GEOLOGIST AMY NISHIO

HOLE NO MA-85-110 LOCATION L 19+90W, 11+25W DEPTH 151'

DATE STARTED JULY 14, 1985; 9:15 am HOLE ELEVATION _____

DATE COMPLETED JULY 14, 1985; 12:00 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'	-133 1/2' - 135': Sand Horizon - fine sand (85-90%) and coarse sand (10 return); moderately well sorted sand				
110'	-135': Gravel - sorting beginning at larger sizes -137-138': Sand lense -139': Small Boulder (2") - black, finely laminated hard sedimentary -139': Granite Boulder	03	113'	115'	
120'	-141-142': Sand-Clay lense - 10% gritty clay balls CLAY TILL? -144' - Quartz veinlet -144 1/2 - 145': Clay lense - hard, light grey, non gritty -145-146': Gravel	04	115'	125'	
130'		05	125'	135'	
140'		06	135'	146'	
150'	BEDROCK: VOLCANIC? : 146-151' - army green, grainy texture, very crumbly - texture similar to that of green clay; carbonitized, finely laminated - after 6" changes to green (army) clay - gritty, carbonitized, finely laminated hard; same colour as volcanic - possible alteration. - clay changes colour with depth → lighter green, harder, interior is harder than exterior (more rock-like); clay progressively alters to a mustard-brown colour and it is less carbonitized - initially 5% black, argillaceous, non-magnetic, hard, finely laminated sedimentary abundance decreases with depth - mustard clay is less gritty than the green clay - drilled 5' into clay	07	146'	151'	
160'					

STOP DRILL AT 151'

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-111 LOCATION L 65+25 W, 7+15 S DEPTH 107.5

DATE STARTED July 14, 1985 10:00 pm HOLE ELEVATION _____

DATE COMPLETED July 19, 1985 11:00 pm

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>* <u>ORGANIC: 0-7'</u> - dark brown, watery, fibrous</p> <p>±</p> <p><u>CLAY: 7'-92'</u> - soft, gray, calcareous clay</p> <p>7'-13' - 15% sand 13' - 1-5% sand, 1% pebbles</p>				
10					
20					
30					
40	40' - 0% sand, 1% pebbles				
50					
60	55' - 1% sand, 1% pebbles				
70					
80					
90	89' - 20% sand				
92	<u>TILL ? : 92'-106'</u> - moderately sorted - 15-30% rounded clasts - 50-70% fine to medium sand, 10-20% pebbles, 10-40% clay				
95		01	89	95	
100	- cobbly - 40% granitoid, 30% volcanic, 15% sediment 15% quartz	02	95	106	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-111 LOCATION L 65+00 W, 7+15 S DEPTH 107.5'

DATE STARTED July 14, 1985 10:00 pm HOLE ELEVATION _____

DATE COMPLETED July 14 11:00 pm

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100		02	95	106	
110		03	106	107.5	
	<p>BEDROCK: 106' - 107.5' - oxidized? layer on top which is greenish gray with minor yellow-green grains</p> <p>Fresh - medium gray, fine grained - massive texture - non carbonatized - 5% 1/8" carbonate veinlets - hardness ≈ 6 - 10% very fine grained clear mineral - quartz? - 3% shiny, hard, white mineral on slip faces - hairline fractures filled with quartz - Calcite veinlets cross cut and post date the quartz fractures - volcanic?</p> <p>END OF HOLE 107.5'</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST BRIAN MILLER

HOLE NO MA-85-112 LOCATION L70+00W, 5+50S DEPTH 149'

DATE STARTED JULY 15, 1985; 8:05 AM HOLE ELEVATION -

DATE COMPLETED JULY 15, 1985; 9:39 AM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>YYY MUSKEG: 0 2'</p> <p>CLAY: 12-120'</p> <p>-grey, non-gritty, moderately stiff clay</p> <p>25-35': minor sand and pebbles</p>				
10					
20					
30					
40					
50					
60					
70					
80					
90					
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST BRIAN MILLER

HOLE NO MA-85-112 LOCATION L70+00W, 5+50S DEPTH 149'

DATE STARTED JULY 15, 1985; 8:05 AM HOLE ELEVATION -

DATE COMPLETED JULY 15, 1985; 9:39 AM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100					
110					
120	<p>SAND TILL: 120 - 147' - 30% pebbles, 70% sand - poorly sorted, mostly subangular clasts, minor subrounded - clasts are 80% dark green, 10% orange-granitoid, 10% other 128-128.5': orange granitoid boulder 138-139': dark green fine-grained boulder 139': 50% pebbles, 50% sand; lithology as noted above 143-147': bouldery or cobbly till; 30% clasts, 70% sand</p> <p>BEDROCK: 147-149' volcanic - dark grey-green in colour, fine-grained, calcareous, with about 5% calcite, also 5% quartz - 10% disseminated pyrite occurs in cubes up to 8mm in diameter, tending to occur in dark green part of rock - possibly a volcanic</p> <p>END OF HOLE: 149'</p>	01	115	125	
130		02	125	135	
140		03	135	145	
		04	145	147	
		05	147	149	
150					
160					
170					
180					
190					
200					

KERR ADDISON MINES LIMITED



OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST BRIAN MILLER

HOLE NO MA-85-113 LOCATION 77+50W, 4+25S DEPTH 150'

DATE STARTED JULY 15, 1985; 10:40 AM HOLE ELEVATION -

DATE COMPLETED JULY 15, 1985; 1:30 PM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	 <p>MUSKEG: 0-2'</p>				
2-5	<p>CLAY: 2-79.5'</p> <p>2-5: grey, non-gritty, moderately stiff clay</p>				
5-35	<p>5-35: grey clay with 5% to 10% medium grained sand</p> <p>- fast even drill speed suggests fine interbeds and not clay till</p>				
35-79.5	<p>35-79.5: grey, non-gritty, moderately stiff clay</p>				
79.5-97.5	<p>SAND TILL: 79.5 - 97.5'</p> <p>- 35% pebbles, 65% sand</p> <p>- pebbles are 30% light green volcanic, 30% medium green volcanic, 20% dark green volcanic, 10% orange granitoid, 10% other</p> <p>- pebbles are subangular</p> <p>- poorly sorted</p>				
80		01	79.5	85	
85	<p>80: 20% pebbles, 80% sand, fine to medium grained</p>	02	85	95	
87	<p>87: cobbles</p>	03	95	97.5	
95	<p>95: 35% pebbles, 65% sand</p>	04	97.5	105	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST BRIAN MILLER

HOLE NO MA-85-113 LOCATION 77+50W, 4+25S DEPTH 150'

DATE STARTED JULY 15, 1985; 10:40 AM HOLE ELEVATION -

DATE COMPLETED JULY 15, 1985; 1:30 PM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100		04	97.5	105	
110		05	105	115	
120		06	115	125	
130		07	125	135	
140		08	135	144.5	
		09	144.5	147.5	
150		10	147.5	150	
160					
170					
180					
190					
200					

BOULDERY TILL: 97.5' - 118'
 - 50% pebbles, 50% sand; possible water-table
 - pebbles are 80% medium green volcanics, 15% granitoid, 5% other
 - pebbles are subangular and poor to moderately sorted

105.6': 20% pebbles, 80% sand
 - very bouldery
 - pebbles are 40% light green volcanic, 40% dark green volcanic, 10% granitoid, 10% other
 - pebbles are subangular and poorly sorted

CLAY TILL: 118 - 122'
 - shown as gritty, grey, clay balls
 - 10% to 15% ultramafic pebbles

SAND TILL: 122 - 125.5'
 - 20% pebbles, 80% sand
 - pebbles are 50% light green volcanic, 20% dark green volcanic, 20% orange granitoid, 10% other
 - pebbles are equally divided between subangular and angular and are poorly sorted

CLAY TILL: 125.5 - 133.5'
 - 20% pebbles, 80% assumed clay
 - pebbles are 60% medium green volcanic, 30% dark green volcanic, 10% orange granitoid
 - pebbles are subangular and poorly sorted

BOULDERY TILL: 133.5 - 135'
 - 10% pebbles, 90% sand; drill moves slowly
 - pebbles are 50% medium green volcanic, 30% dark green volcanic, 20% orange granitoid
 - pebbles are subangular and moderately sorted.

SAND: 135 - 138'
 - fine to medium grained, moderately sorted with 10% pebbles; drill moves quickly

GRAVEL: 138 - 139.5'
 - 40% pebbles, 60% sand; sand is coarse grained
 - pebbles are 85% medium green volcanic, 10% dark green volcanic, 5% other
 - pebbles are subrounded

CLAY TILL: 139.5 - 147.5'
 - 20% pebbles, 80% assumed clay

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST BRIAN MILLER

HOLE NO MA-85-113 LOCATION 77+50W, 4+25S DEPTH 150'

DATE STARTED JULY 15, 1985; 10:40 AM HOLE ELEVATION -

DATE COMPLETED JULY 15, 1985; 1:30 PM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	<ul style="list-style-type: none"> - clay is grey, gritty, stiff - pebbles are 95% green volcanic, 5% other - poorly sorted - pebbles are subangular 144.5': 1.5' diameter boulder; green, fine grained 146': 40% pebbles, 60% clay <p>BEDROCK?: 147.5 - 150' Subgraphitic schist/wacke</p> <ul style="list-style-type: none"> - black colour, aphanitic - finely foliated or schistose - 5% disseminated pyrite in euhedral crystals up to 5mm in diameter - possibly volcanic <p>END OF HOLE: 150'</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALCIGNY GEOLOGIST BRIAN MILLER

HOLE NO MA-85-114 LOCATION L87+40W, 5+75S DEPTH 115'

DATE STARTED JULY 15, 1985; 2:32 PM HOLE ELEVATION -

DATE COMPLETED JULY 15, 1985; 3:30 PM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>CLAY: 0-105'</p> <p>0-4': grey, non-gritty, moderately stiff clay</p> <p>4-5': brown, non-gritty clay</p> <p>5-105': grey, non-gritty, moderately stiff clay</p>				
10					
20					
30					
40					
50					
60					
70					
80					
90					
100					

KERR ADDISON MINES LIMITED


OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST BRIAN MILLER

HOLE NO MA-85-114 LOCATION L87+40W, 5+75S DEPTH 115'

DATE STARTED JULY 15, 1985; 2:32 PM HOLE ELEVATION _____

DATE COMPLETED JULY 15, 1985; 3:30 PM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100					
110	 <p>SAND TILL: 105-112.5' - 20% pebbles, 80% sand - poorly sorted, clasts are angular to subangular - clasts are 80% light green (volcanic?), 10% dark green (volcanic?), 5% orange granitoid, 5% calcite. 112': 2% disseminated pyrite cubes in calcite</p>	01	105	112.5	
120	<p>BEDROCK: 112.5-115' Subgraphitic schist/wacke - dark grey colour, fine-grained, calcareous with 5% visible calcite. - distinct foliation or schistosity - 2% disseminated pyrite in cubes up to 1 mm in diameter - possibly a volcanic</p>	02	112.5	115	
130					
140	END OF HOLE: 115'				
150					
160					
170					
180					
190					
200					

KERR ADDISON MINES LIMITED

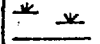
OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-115 A LOCATION L90+00W, 7+25 S DEPTH 155'

DATE STARTED July 15, 1985; 7:45 pm HOLE ELEVATION _____

DATE COMPLETED July 15, 1985; 10:00 pm

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
0-3	<p>ORGANICS: 0'-3'</p> <p>: dark brown peat, muck</p>				
3-115	<p>CLAY: 3'-115'</p> <p>: soft to moderately stiff</p> <p>grey, calcareous clay</p> <p>: 10% silt, fine sand</p> <p>: <1% angular pebbles.</p>				
10					
20					
30					
40					
50					
60					
70					
80					
90					
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-BS-115A LOCATION L90+00 W, 7+25 S DEPTH 155'

DATE STARTED July 15, 1985 ; 7:45 pm HOLE ELEVATION _____

DATE COMPLETED July 15, 1985 ; 10:00 pm

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100					
110					
120	<p><u>SAND TILL</u> : 115'-136'</p> <ul style="list-style-type: none"> : poorly sorted. : 50% sand. : 25% pebbles : 15% clay, silt. : pebbles - 50% dark green, aphanitic volcanics : 30% grey, finely foliated, very fine grained sediments : 20% granitoids. : angular to sub angular. : narrow (<6") interbedded clay seams. : stiff, grey-brown, calcareous clay 	01	125'	135'	
130					
140					
150	<p><u>CLAY</u> : 136'-149'</p> <ul style="list-style-type: none"> : stiff, grey-brown, clay (calcareous) : could be regolith : 149' diorite boulder (1 1/2') : mottled - dark green / white, medium grained, very hard. : 1-2% pyrite as cubes to 1/4" 	02	135'	149'	
		03	149'	150.5'	
		04	150.5'	155'	
160	<p><u>BEDROCK</u> : 150.5'-155' Graphitic schist</p> <ul style="list-style-type: none"> : graphite with 30-50% carbonate veinlets, 10-20% pyrite veinlets (to 1/2") : black, soft, finely foliated. : metallic luster. : some chips are magnetic. <p>END OF HOLE at 155'</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONT GOLFIER - ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-116 LOCATION L 95+00 W, 12+25 S DEPTH 77'

DATE STARTED July 15, 1985; 11:00 pm HOLE ELEVATION _____

DATE COMPLETED July 16, 1985; 12:10 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
10	CLAY: 0'-74' : soft, grey, calcareous : 10% silt, fine sand, 90% clay				
20	: 16': 2' well sorted sand lens : 80% medium grained, grey sand. : 20% sub angular pebbles - 60% volcanics - fine grained, dark green - 20% sediments: grey - green, fine grained, finely foliated. - 20% medium grained granitoids.				
30					
40	<u>SAND TILL</u> : 74'-75' : poorly sorted - 50% sand - 20-25% sub angular to angular pebbles - 50% volcanics - dark green, fine grained - 30% sediments: grey, finely foliated, fine grained. - 10% granitoids - 10% black, pearly graphite.				
50					
60	: strong water table at 75'				
70	<u>BEDROCK</u> : 75'-77' ^{Arenite} Amphibole (volcanic?) : fine grained, medium green slightly carbonatized volcanic. : 2% carbonate veinlets.				
80					
		01	74'	75'	
		02	75'	77'	
	END OF HOLE at 77'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONT GOLFIER - ALOIGNY GEOLOGIST DON FORD
 HOLE NO MA-85-117 LOCATION T.L. 12+00S, 96+75W DEPTH 120'
 DATE STARTED July 16, 1985; 12:50 am HOLE ELEVATION _____
 DATE COMPLETED July 16, 1985; 2:30 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
0-79'	<p><u>CLAY</u>: 0-79'</p> <ul style="list-style-type: none"> : 0-7': stiff, brown : 7'-79': soft grey calcareous - 20% silt - 10% sand. - 21% pebbles. 				
79'-118'	<p><u>SAND TILL</u>: 79'-118'</p> <ul style="list-style-type: none"> : poorly sorted. : 60% sand. : 10-15% pebbles : 10% silt, clay : pebbles: sub angular to sub rounded. : 20% granitoids : 40% aphanitic mafic volcanics : 15% grey, fine grained, finely foliated sediments. 5% graphite 5% quartz 				
100'	<ul style="list-style-type: none"> : 100': 3' well sorted, grey sand (medium grained) 				
112.5'	<ul style="list-style-type: none"> : 112.5': aphanitic, dark to medium green, volcanic boulder. 				
115.5'	<ul style="list-style-type: none"> : 115.5': syenite boulder 				
118-120'	<p><u>BED ROCK</u>: 118-120' ^{Arenite} Agillite (Volcanic?)</p> <ul style="list-style-type: none"> : medium green, fine grained, slightly carbonatized volcanic. : moderately hard. 				
80		01	79'	85'	
90		02	85'	95'	
100		03	95'	100'	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-118 LOCATION L 92+50 W 12+50.5 DEPTH 78.5'

DATE STARTED July 16, 1985 2:55 am HOLE ELEVATION _____

DATE COMPLETED July 16, 1985 3:35 am

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
0-1'	CLAY: 0-76.3' brown clay				
1'-47'	stiff, grey, calcareous clay - 4% sand, 1% pebbles				
10					
20					
30					
40					
47'-76.3'	soft, grey clay, non calcareous - 1% sand, 0% pebbles				
50	TILL?: 76.3'-76.5' - poorly sorted - limestone, granitoid, and volcanic clasts - subangular				
60	BEDROCK: 76.5'-78.5' Tuff - medium grey and olive green - mottled - fine to medium grained - minor foliation - hardness ≈ 5 - not carbonatized - 1/4" quartz veinlets - 5% soft yellow mineral with a preferred, platy orientation - sericite? - tuff?				
80		01	76.5	78.5	
	END OF HOLE 78.5'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST DON FORD / AMY NISHIO

HOLE NO MA-B5-119 LOCATION 290+00W, 12+25S DEPTH 122'

DATE STARTED July 16, 1985; 6:15 am HOLE ELEVATION _____

DATE COMPLETED July 16, 1985;

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
0-3'					
					<u>ORGANICS: 0-3'</u> : dark brown peat, muck
10					
					<u>CLAY: 3'-97'</u> : soft, grey, calcareous : 10% silt, fine sand, 90% clay, : <1% angular pebbles
20					
					: 10'-12': 60% silt 5% fine sand 1% pebbles (poly lithic, angular)
30					
					<u>SAND TILL: 97'-119'</u> : poorly sorted - 60% sand 20-25% pebbles 10% silt/clay : pebbles: subangular. : 60% medium green, fine grained mafic volcanics : 20% grey, finely foliated sediments : 10% granitoids : 5% graphite. : 5% quartz
40					
					: 98': 6" medium green, fine grained mafic volcanic. boulder
50					
					: 106': 1' sand lens: medium grained, well sorted.
60					
					: 108': medium green, fine grained mafic volcanic cobbles
70					
					: 110': Sedimentary Cobble - black, fine grained, finely laminated
80					
					: 111': Green Volcanic Cobble
					: 111 1/4': Boulder - mottled green and white - Granitoid (granite)
90					
					: 118': Sedimentary? Cobble - light grey, finely laminated, hard
100					
					- possibly a boulder till; results in compositional sorting within 10' return; drill is smooth not bouncing

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD / AMY NISHIO

HOLE NO MA-85-119 LOCATION L 90+00W, 12+255 DEPTH 122'

DATE STARTED July 16, 1985; 6:15 am HOLE ELEVATION _____

DATE COMPLETED July 16, 1985; 8:30 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100		01	97'	105'	
110		02	105'	115'	
120		03	115'	119'	
		04	119'	122'	






BEDROCK: VOLCANIC? : 119-122' Schist?

- charcoal grey, non-carbonitized, slightly laminated, some chips are mottled with calcareous material (10%); slightly hard; faintly schistose, waxy texture
- pyrite (cubic) grains within host (2-5%)
- trace red and yellowish chips which decrease with depth
- quartz (<10%)
- black, aphanitic, non-magnetic, hard chips

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST AMY NISHIO
 HOLE NO MA-85-120 LOCATION L 87+004, 10+005 DEPTH 86 1/2'
 DATE STARTED JULY 16, 1985; 9:45 am HOLE ELEVATION _____
 DATE COMPLETED JULY 16, 1985; 9:55 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0'	 <p>ORGANICS-SILT: 0-2' CLAY: 2-78'</p>				
10'	<p>- brown, non-gritty, soft clay with occasional sub-rounded pebble</p>				
20'	<p>- introduction of silt</p>				
30'	 <p>- introduction of fine to coarse sand to clay (30-35'); interbedded clay and sand? - change of clay to light grey, non-gritty</p>				
40'	 <p>- 42'-45' Sand Horizon - fine to coarse, poly lithic sand</p>				
50'	<p>- 48' - clay becomes liquidous with lumps of clay</p>				
60'					
70'	<p>- 70' - re-introduction of silt to clay</p>				
80'	 <p><u>SANDY TILL?: 78-84'</u> Matrix (-10 return) is predominately fine sand, minor medium sand component, poly lithic; ~80% of return</p>	01	75'	84'	
90'	 <p>Clasts (+10 return): poorly sorted; grains are sub-angular to sub-rounded, some of the rock fragments seem to have some rounded edges. Rock fragment > Grains (= 60%/40%) Mafic/Felsic = 75%/25% Mafic: Sedimentary and Volcanics (60-70%) Felsic: Granitoid (20-25%) Quartz (2%); carbonate fragments</p>	02	84'	86 1/2'	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST AMY NISHIO

HOLE NO MR-85-120 LOCATION L 87+00 W . 10+00S DEPTH 86 1/2'

DATE STARTED JULY 16, 1985 ; 8:45 am HOLE ELEVATION _____

DATE COMPLETED JULY 16, 1985 ; 9:55 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	<p><u>BEDROCK : VOLCANIC ? : 84-86 1/2' Arenite</u></p> <ul style="list-style-type: none"> - dark green, slightly calcareous, hard, grainy texture - mafic grains of .25 mm, non-laminated - calcite veining - within chips of host rock and free chips (5%) - 5% black, hard, slaty, non-magnetic chips (Graphite?) - 2% pyrite (cubes and disseminated) in host rock and in black chips - <1% red, coarse sand size, appears granitoid - host chips assuming a yellowish tinge on some edges with depth, alteration. <p>STOP DRILL AT 86 1/2'</p>				

KERR ADDISON MINES LIMITED



OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - BLOIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-85-121 LOCATION L 85+00 W, 9+503 DEPTH 70 1/2'

DATE STARTED JULY 16, 1985; 10:05 am HOLE ELEVATION _____

DATE COMPLETED JULY 16, 1985; 11:55 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	 <p>ORGANICS - SILT : 0-3' CLAY - SILT - SAND : 3-68'</p>				
10'	<ul style="list-style-type: none"> - interbedded fine sand, silt and clay layers - light grey, non-gritty, soft clay lumps - 10' admix clay with silt and 1% coarse sand and pebbles 				
20'	<ul style="list-style-type: none"> - 20-35' Interbedded Sand and Clay layers indicated by return and speed of drilling 				
30'	<ul style="list-style-type: none"> - 28-35' : fine, poly lithic, well-sorted sand 				
40'	<ul style="list-style-type: none"> - 38' clay becomes liquidous with clay lumps 				
50'	<ul style="list-style-type: none"> - 50-55' brown clay 				
60'	<ul style="list-style-type: none"> - 55' grey clay 				
70'	 <p>SANDY TILL ? : 68-68 1/2'</p> <ul style="list-style-type: none"> - probably contaminated - Sand Matrix - ? % ; +10 return is Mafic dominated with volcanics and sedimentary grains ; Granitoid grains ; grains are sub-angular to sub-rounded 	02	68 1/2'	70 1/2'	
80'	<p>BEDROCK : VOLCANIC ? : 68 1/2' - 70 1/2' Arenite</p> <ul style="list-style-type: none"> - army green, faintly laminated, hard, grainy texture with mafic grains (.25mm) - return is cleaner than previous hole - 1% calcite chips and veining on host chips (mottled appearance) - 1% pyrite cubes (~.25mm size) in host chips - Trace red chips and black chips (hard, non-magnetic, slaty-looking) - some rust colour parts on host chip - possibly alteration. <p>STOP DRILL AT 70 1/2'</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-85-122 LOCATION L 82+50 W. 9+25 S DEPTH 103'

DATE STARTED JULY 16, 1985; 11:05 am HOLE ELEVATION _____

DATE COMPLETED JULY 16, 1985; 1:00 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p><u>NO RETURN: 0-1'</u></p> <p><u>ORGANICS-SILT-CLAY: 1-3'</u></p> <p><u>CLAY-SILT-SAND: 3-73'</u></p> <p>- 3-8': light grey, non-gritty, soft clay lump</p> <p>- 8-12': Clay, silt and minor fine sand, <1% coarse sand</p> <p>- 12-15': fine-coarse grained sand, poly lithic; small pebbles, moderately well-sorted</p> <p>- 15-35': brown clay, 1% coarse sand</p> <p>- 35' light grey clay lumps</p> <p>- 40-65': lagoonous clay and light grey clay lumps, No sand</p> <p>- 65-73': Clay and Sand interbedded - drill motion changes from fast to slow</p>				
73	<p><u>COBBLE/BOWDER TILL: 73-100'</u></p> <p>- compositional sorting of grains due to cobble/boulders</p> <p>Matrix (10 return) is fine sand, poly lithic; minor medium sand component; approximately 60% of return</p> <p>Grains (10 return) coarse sand - pebbles</p> <p>Rock fragments > Grains (= 60%/40%)</p> <p>Mafic / Felsic = 75%/25%; Mafics = Volcanics (30-40%); sedimentary (40%)</p> <p>Felsics = Granitoids (25-30%)</p> <p>Quartz (1%), pink quartz possibly hematite stain</p> <p>- pyrite cubes (1%) frequently appear in return usually within black, fine-grained, finely laminated sedimentary fragments or as free cubes (<5mm) or massive form</p>	01	73'	76'	
76		02	76'	85'	
85		03	85'	95'	
95		04	95'	100'	

KERR ADDISON MINES LIMITED
OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-85-122 LOCATION L 92+50 W, 9+255 DEPTH 103'

DATE STARTED JULY 16, 1985; 11:05 am HOLE ELEVATION _____

DATE COMPLETED JULY 16, 1985; 1:00 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'	V V V	05	100'	103'	
	- Grains are pre-dominately sub-angular (60-70% to sub-rounded (30%))				
	- 75 1/2' - Small Boulder - dark green, grainy volcanic; similar to bedrock of previous holes				
	- Granitoid Cobble				
	- 79 1/2' - Sedimentary Cobble - black, fine grained				
110'	- 80' - Volcanic Cobble				
	- hematite coloured band running through granitoid chip				
	- 82' - cobbly				
	- 85' - Volcanic cobble				
	- 85-86' - Granitoid, Sedimentary (black, slate like) and Volcanic Cobble				
	- 86' - pyrite in black sedimentary rock (not slate-like type), slightly laminated as cubes and triangular forms				
	- 91-92' - Cobbly - granitoid				
	- 94' - Sedimentary Boulder (~4")				
	- 97' - black, finely laminated sedimentary boulder				
	- 99' - Volcanic (bedrock-like) Cobble				
	<u>BEDROCK: VOLCANIC? : 100-103' Sediment or Andebite</u>				
	- charcoal grey, carbonitized, fine grained, moderately hard but brittle possibly slightly laminated				
	- softer lighter grey chip mottled with calcite indicates veining with calcareous material				
	- 1% black and red chips				
	- Trace pyrite in host (disseminated ~.25mm)				
	STOP DRILL AT 103'				

KERR ADDISON MINES LIMITED


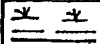
OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-85-123 LOCATION 180+00 W, 9+25 S DEPTH 90'

DATE STARTED JULY 16, 1985; 1:15 pm HOLE ELEVATION _____

DATE COMPLETED JULY 16, 1985; 2:15 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
	NO RETURN = 0-3'				
	 ORGANICS - SILT - CLAY : 3-5'				
	CLAY : 5-86'				
10'	- light grey, soft, non-gritty clay				
17'	- introduction of silt to clay				
19'	- brown clay with <1% coarse sand; introduction of minor amounts of fine grained, polyolithic sand into clay				
50'	- liquidous brown clay and clay lumps				
70'	- clay lumps become light grey, non-gritty				
86-87'	SANDY TILL: 86-87'				
	Matrix = fine - medium, polyolithic sand, ~75% of return	01	85'	87'	
	Clasts (no return) : Mafic / felsic = 75% / 25%	02	87'	90'	
	Mafic = Sedimentary and Volcanic (75%)				
	Felsic = Granitoids (20%)				
	Quartz (<1%)				
	- +10 = 25% of return				
	- rock fragments > grains; grains are sub-angular to sub-rounded; till is poorly sorted				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALDIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-85-123 LOCATION L80+00W, 9+255 DEPTH 90'

DATE STARTED JULY 16, 1985; 1:15 pm HOLE ELEVATION _____

DATE COMPLETED JULY 16, 1985; 2:15 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	<p><u>BEDROCK</u>: 87-90' Greywacke</p> <ul style="list-style-type: none"> - dark grey, fine grained, finely laminated carbonitized, shiny-looking - 5-10% calcite veining - free chips and on host chips - 50% sulphides - predominately pyrite however, bronze coloured mineral is present - pyrite forms within host chip - cubical and disseminated grains - 1% red granitoid - coarse grained sand to pebble size <p>STOP HOLE AT 90'</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-85-124 LOCATION L77+50 W, 9+25 S DEPTH 98 1/2'

DATE STARTED JULY 16, 1985; 2:25 pm HOLE ELEVATION _____


DATE COMPLETED JULY 16, 1985; 3:40 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>* *</p> <p>ORGANICS - SILT: 0-2'</p> <p>CLAY: 2-70'</p> <ul style="list-style-type: none"> - brown, hard, non-gritty clay - 10' - black and white (quartz) granitoid boulder (~4") - 14' liquidous brown clay and clay lumps - 15-25' interbedded sand and clay (drill motion fast and slow, return's consistency altered) - 55' clay changes to light grey coloured lumps - 65' - Introduction of silts in clay 				
40	<p>SANDY TILL: 70-96 1/2'</p> <p>Matrix (~10 return) - fine grained, poly lithic sand; 80% of return</p> <p>Clasts (~10 return) - unsorted; rock fragments? Grains, grains are sub-angular to sub-rounded; 20% of return</p> <p>Mafic/Felsic = 70%/30%; Mafics = Volcanics (40%); Sedimentary (25%) Felsics = Granitoids (25-35%)</p> <ul style="list-style-type: none"> - 74-76' - Cobble - 77' - Boulder (6") - Granitoid - white (quartz) and black, hard, crystalline, pyrite grains in chips, mafic component > quartz - 82' - pyrite (1%) in finely laminated, black sedimentary, quartz and free cubes <1% quartz, some with hematite colouration - 91' - Cobbles - Trace silver sulphides - Arsenopyrite? 				
70		01	70'	75'	
80	<p>BEOROCK: SEDIMENTARY?: 96 1/2 - 98 1/2' Argillite</p> <ul style="list-style-type: none"> - dark grey to light grey (due to mixing with calcite), carbonitized, finely laminated, finely grained - pyrite (2%) - cubes and disseminated grains in host chips; cubes > 2mm - 10-15% calcite - Sulphide mineral, magnetic possibly p shtite in host chip - 5% other chips - red, coarse grained silic granitoid; green; and black, fine grained chip; all decrease in concentration with depth 	02	75'	85'	
90		03	85'	95'	
95		04	95'	96 1/2'	
98 1/2		05	96 1/2'	98 1/2'	
100	<p>STOP DRILL AT 98 1/2'</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - AL GEOLOGIST AMY NISHIO
 HOLE NO MA-85-125 LOCATION L75+00W, 9+50S DEPTH 78'
 DATE STARTED JULY 16, 1985; 3:45 pm HOLE ELEVATION _____
 DATE COMPLETED JULY 16, 1985; 4:55 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0'	 <p>ORGANICS - SILT: 0-2' CLAY - SILT - SAND: 2-75 1/2' - brown, non-gritty, soft clay lumps</p>				
10'	<p>- introduction of silt at 10' ; <1% coarse sand to pebbles</p>				
20'					
30'					
40'					
50'					
60'					
65-70'	<p>- 65-70' Intermittent clay and sand horizons (speed of drill, lack of clay in return)</p>				
70'	<p>- 70' clay changes to light grey colour</p>				
75 1/2'	<p><u>BEDROCK: VOLCANIC</u> : 75 1/2-78' Subgraphitic</p>				
75 1/2'	<p>- greenish-black, grainy texture (grains of .25 mm), very slightly laminated, non-magnetic; not carbonitized; whitish-green patches on some chips, not calcareous possibly alteration</p>	01	75 1/2'	78'	
78'	<p>- generally clean return, initially lacustrine clay in sample</p> <p>- 1-5% disseminated pyrite within host chips</p> <p>- <1% quartz and small red, coarse grained sand, granitoid</p> <p>- pyrite, impurities and alteration decrease with depth</p>				

Schist/wacke

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-BLOIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-85-126 LOCATION L 72+50 W, 10+00S DEPTH 93'

DATE STARTED JULY 16, 1985; 5:05 pm HOLE ELEVATION _____

DATE COMPLETED JULY 16, 1985; 5:55 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>NO RETURN : 0-1'</p> <p>ORGANICS-SILT : 1-4 1/2'</p> <p>CLAY : 4 1/2 - 84'</p> <p>- light grey, non-gritty, soft clay lumps</p>				
10'	<p>- 15' brown clay lumps with <1% coarse sand</p> <p>- 42' liquidous brown clay and lumps</p>				
20'	<p>- 76' return to grey clay colour</p>				
30'	<p><u>SANDY TILL : 84-90'</u></p> <p>Matrix (-10 return) - fine grained, polythic sand; 160% of return</p> <p>Clasts (+10 return) - poorly sorted; rock fragments > grains; Mafic/Felsic = 60-70% 30-40% . Mafics = Sedimentary (50%); Volcanics (20%) . Felsics = Granitoids (30%) Quartz (<1%) Grains are sub-angular to sub-rounded</p>				
40'					
50'	<p>- 90' Cobble</p>				
60'					
70'	<p><u>BEDROCK : GRAPHITIC : 90-93' Graphitic Schist</u></p> <p>- black, slate-like, fine grained, non-magnetic, slightly carbonitized, brittle but fairly hard</p> <p>- extensive (40%) calcite veining - calcite within host chips and free chips</p> <p>- trace pyrite cubes (1mm) in calcite and host chips</p> <p>- <1% red, coarse grained size granitoids</p> <p>- host rock is diluted by the calcite with depth due to the veining</p> <p>- greyish chips show gradational contact between host rock and calcite</p>				
80'					
90'		01	84'	90'	
		02	90'	93'	
100'	<p>STOP DRILL AT 93'</p>				

KERR ADDISON MINES LIMITED
OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST AMY NISHIO / B. OTTON
 HOLE NO MA-85-127 LOCATION L72+50W, 15+00S DEPTH 108'
 DATE STARTED JULY 16, 1985 ; 6:45 pm HOLE ELEVATION _____
 DATE COMPLETED JULY 16, 1985 ; 8:35 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	* * ORGANICS - SILT : 0-3' CLAY : 3'-65' - light grey, non-gritty, soft clay lumps - 8-15' - brown clay and silt - 15-18' - no silt admixed with clay (clear water return) - 18' - 1% coarse sand in brown liquidous clay				
65	GRAVEL : 65'-75' - moderately sorted - 50-60% fine to medium sand, 10% pebbles - 30-40% clay assumed. - 70% rounded clasts - 70% granitoid, 10% volcanic, 10% sedimentary, 10% quartz - occasional coarse pyrite grains	01	65	75	
75	SAND TILL : 75'-105' - poorly sorted - 50-70% fine to medium sand, 5-10% pebbles, 20-45% clay assumed - 70% granitoid, 10% volcanic, 10% sedimentary, 10% quartz - 5% rounded clasts - clay armouring	02	75	85	
85		03	85	95	
95	85'- 3" fine grained, grey cobble with trace fine grained pyrite. - trace medium pyrite in dark green volcanic pebbles	04	95	105	

KERR ADDISON MINES LIMITED


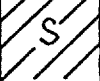
OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST AMY NISHIO / B. OTTON

HOLE NO. MA-85-127 LOCATION L 72+50 W, 15+00 S DEPTH 108'

DATE STARTED July 16, 1985 6:45 pm HOLE ELEVATION _____

DATE COMPLETED July 16, 1985 8:35 pm

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100		04	95	105	
110		05	105	108	
	<p>BEDROCK: 105' - 108' Aserite</p> <ul style="list-style-type: none"> - 70% medium grey grains, 30% medium green grains. - fine to medium grained - minor quartz - carbonate veinlets $\frac{1}{4}$" - 80% quartz and 20% carbonate - equigranular texture - 2% medium pyrite grains in host - soft, hardness approx. 3 - sediment? <p>END OF HOLE 108'</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-128 LOCATION L 75+00W, 14+50 S DEPTH 125'

DATE STARTED July 16, 1985, 9:00 pm HOLE ELEVATION _____

DATE COMPLETED July 16, 1985, 10:15 pm

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	★ ORGANICS: 0-2' - brown muck				
10	CLAY: 2'-72' 2'-4'- blue-grey, gritty clay 4'-72'- soft, grey, calcareous clay - 4% grit, 1% pebbles				
20					
30					
40	35' - 1% grit, 0% pebbles				
50					
60					
70	70' - silt 5-10%				
80	▲ CLAY TILL: 72'-123' - 40-60% grey clay, 30-40% fine to coarse sand, 10-20% pebbles. - poorly sorted - angular clasts 70%, rounded 10% - 40% granitoid, 25% volcanic, 20% sedimentary 15% quartz.	01	72	85	
90	▲	02	85	95	
100	▲ 100' - trace pyrite in fine grained, dark green massive, subrounded pebbles.	03	95	105	

KERR ADDISON MINES LIMITED





OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-128 LOCATION L 75+00W, 14+50 S DEPTH 125'

DATE STARTED July 16, 1985, 9:00 pm HOLE ELEVATION _____

DATE COMPLETED July 16 10:15 pm

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100		03	95	105	
	106' - 6" sand seam				
110		04	105	116	
	112' - 3" light green, fine grained cobble				
	115' - 20% sand				
120		05	116	123	
	117' - 4" white, yellow, and dark green diorite cobble				
	120' - 9" dark green, fine grained volcanic boulder	06	123	125	
	120'-123' - very cobbly				
130					
	BEDROCK: 123' - 125' Sediment or Andesite				
	- medium grey, 5-10% white mineral				
	- fine grained, indistinct layering				
	- medium grey, hard layers, approximately 1/8" thick with 10% fine disseminated pyrite.				
	- layers of soft, whitish-grey mineral, 1/16" thick.				
	- 2% coarse pyrite				
	- 1% hematite on fractures normal to the layering				
	- sediment				
	END OF HOLE 125'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-129 LOCATION L 77+40 W, 14+75 S DEPTH 90.5'

DATE STARTED July 16, 1985 10:45 pm HOLE ELEVATION _____

DATE COMPLETED July 16, 1985 11:45 pm

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	✱				
	ORGANICS: 0-3' - brown muck				
10	CLAY: 3'-80' - soft, grey calcareous clay - 4% medium grained sand				
20	77' - 10% silt				
30					
40	GRAVEL: 80'-89' - moderately sorted - 80% fine to medium grained sand, 5% pebbles, 15% clay assumed 80'-81' 80% sand, 20% pebbles				
50	88' - coarse pyrite grains				
60	BEDROCK: 89'-90.5' Andesite - 50% medium green, 50% dark green - mottled - fine to medium grained - hard, hardness ≈ 6 - 1/4" quartz veinlet with a greenish tint. - 2% contamination from above. - Volcanic				
70					
80					
80		01	80	89	
90		02	89	90.5'	
100					

END OF HOLE 90.5'

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-130 LOCATION L 74+90 W, 19+20 S DEPTH 119'

DATE STARTED July 17, 1985 12:40 am HOLE ELEVATION _____

DATE COMPLETED July 17, 1985 2:05 am

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	* ↓ ORGANICS: 0-4' - brown muck				
10	CLAY: 4'-76' 4'-7' - stiff, blue-grey clay 7'-76' - soft, grey, calcareous clay				
20					
30					
40					
50	46' - 1% grit				
60	60' - 3% grit 63' - 10-20% sand				
70	72'-73' - 50% sand, 5% pebbles, 45% clay				
80	GRAVEL: 76'-106.5' - moderately sorted - 30-50% sand, 5-10% pebbles, 40-65% clay assumed - 20% rounded clasts - 1% medium to coarse pyrite in fine grained, grey sedimentary clasts. - unconsolidated	01	76	85	
90	- 40% granitoid, 30% volcanic, 20% sedimentary, 10% quartz 85'-87' - well sorted, medium grained sand	02	85	95	
100		03	95	105	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-130 LOCATION L7+90 W, 19+20 S DEPTH 119'

DATE STARTED July 17, 1985 12:40 am HOLE ELEVATION _____

DATE COMPLETED July 17, 1985 2:05 am

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100		03	95	105	
110		04	105	115	
		05	115	117	
		06	117	119	
120					
	<p>CLAY TILL: 106.5' - 117'</p> <ul style="list-style-type: none"> - poorly sorted - 20% sand, 5-10% pebbles, 70% clay assumed, - 80-90% volcanic clasts, 5-10% granitoids, 5-10% others. <p>106.5' - 9" dark green medium grained volcanic boulder.</p> <p>108' - 6" medium grey, aphanitic boulder</p> <p>111' - 113' - clay seam</p> <p>113' - 3" grey sedimentary cobble</p> <p>113.5' - 3" dark green, medium grained, volcanic cobble</p> <p>114' - 3" dark green, volcanic cobble</p> <p>BEDROCK: 117' - 119' Basalt</p> <ul style="list-style-type: none"> - medium and dark green, mottled - fine grained - very weak foliation - 1/8" quartz veinlets with a green tint - 1/2% calcite veinlets perpendicular to foliation - 3-5% fine, disseminated pyrite - volcanic <p>END OF HOLE 119'</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-131 LOCATION L72+50 W, 18+50 S DEPTH 55'

DATE STARTED July 17, 1985 2:55 am HOLE ELEVATION _____

DATE COMPLETED July 17, 1985 3:35 am

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	* ORGANICS: 0-2' - brown muck				
10	CLAY: 2'-45' 2'-5' - soft, brown, calcareous clay 5'-45' - soft, gray, calcareous clay				
20					
30					
40					
50	TILL: 45'-52' - poorly sorted - 50% sand, 10% pebbles, 40% clay assumed - angular pebbles - 30% granitoid, 30% volcanic, 30% sedimentary, 10% quartz	01	45	52	
		02	52	55	
60	BEDROCK: 52'-55' Basalt - dark green, fine grained - massive - very carbonatized - soft, hardness ≈ 4 - 1/4" calcite veinlets - trace fine pyrite as grains and cubes in host rock. - 2% light brown mineral on slip planes - volcanic				
	END OF HOLE 55'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-132 LOCATION L45+00W, 10+255 DEPTH 127'

DATE STARTED July 18, 1985; 9:15 pm HOLE ELEVATION _____

DATE COMPLETED July 18, 1985; 10:30 pm

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
	<i>ORGANICS: 0'-8'</i> <i>: dark brown peat, muck</i>				
10					
	<i>CLAY: 8'-109'</i> <i>: soft, grey, calcareous</i> <i>: 1-5% fine sand, silt.</i>				
20					
30					
40					
	<i>45': introduction of angular, poly lithic</i> <i>dropstones (<1%)</i>				
50					
60					
70					
80					
	<i>80': introduction of silt</i>				
	<i>85': 40% silt, 60% clay</i>				
90					
	<i>95': 60% silt, 40% clay</i>				
100					

KERR ADDISON MINES LIMITED




OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-132 LOCATION L 45+00 W, 10+25 S DEPTH 127'

DATE STARTED July 18, 1985; 9:15 pm HOLE ELEVATION _____

DATE COMPLETED July 18, 1985; 10:30 pm

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100					
110		01	109'	115'	
120		02	115'	125'	
130		03	125'	127'	
	<p><u>SAND TILL ?</u> : 109' - 120'</p> <ul style="list-style-type: none"> : moderately well sorted : <10% silt/clay : 70%-80% sand : 10-15% pebbles <ul style="list-style-type: none"> - sub angular to subrounded - 30-40% granitoids - 50% green, fine grained volcanics - 10-20% greywacke 				
	<p><u>SAND TILL</u> : 120' - 125'</p> <ul style="list-style-type: none"> : poorly sorted : 10% silt/clay : 70-75% sand : 15-20% pebbles <ul style="list-style-type: none"> - subangular - 50% green, fine grained volcanics - 30% grey-green, fine grained greywacke - 20% granitoids : 120' : 6" syenite boulder : 121' : 6" green, fine grained volcanic boulder : 122' : 3" brown, fine grained greywacke boulder 				
	<p><u>BEDROCK</u> : 125' - 127' <u>Greywacke or Andesite</u></p> <ul style="list-style-type: none"> : olive green, fine grained, banded greywacke : moderately hard : bands < 1/4" wide. : moderately carbonatized : < 1% quartz-carbonate veinlets : colour becomes progressively lighter with depth. : strong water table observed when rods were pulled. 				
	<p>END OF HOLE AT 127'</p>				

KERR ADDISON MINES LIMITED

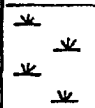
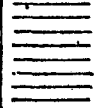



OVERBURDEN DRILL LOG

PROPERTY MONT GOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-133 LOCATION L 47+50 W, 10+00S DEPTH 123'

DATE STARTED July 18, 1985; 11:15 pm HOLE ELEVATION _____

DATE COMPLETED July 19, 1985; 12:15 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	 <p>ORGANICS: 0'-7' : dark brown peat, muck</p>				
10	 <p>CLAY: 7'-96' : soft, grey, calcareous : 1-5% silt, fine sand.</p>				
20					
30	 <p>30': 1% angular, poly lithic dropstone pebbles</p>				
40					
50					
60					
70					
80	 <p>77': 40% clay / 60% silt, fine sand.</p>				
90					
100	 <p>96': grades to fine/medium grained sandy silt with 10% poly lithic subangular pebbles.</p>				
		01	99'	105'	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-133 LOCATION L 47+50W, 10+00S DEPTH 123'

DATE STARTED July 18, 1985; 11:15 pm HOLE ELEVATION _____

DATE COMPLETED July 19, 1985; 12:15 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100		01	99'	105'	
110		02	105'	115'	
120		03	115'	120.5'	
		04	120.5'	123'	
130					

SAND TILL : 99'-114'
 : poorly sorted
 : 10% silt, clay
 : 70-75% sand
 : 15-20% pebbles, cobbles
 : sub angular
 : 50% green, fine grained volcanics
 : 30% granitoids
 : 20% fine grained, finely laminated grey-green sediments
 : 1% iron formation.

CLAY TILL : 114'-120.5'
 : very poorly sorted
 : 40% clay
 : 30-40% sand
 : 20-30% pebbles, cobbles
 : 40% granitoids
 : 40% green, fine grained volcanics
 : 20% grey-brown, fine grained greywacke.
 : angular clasts.

BEDROCK : 120.5'-123' Greywacke
 : banded, grey to live green, fine grained greywacke.
 : finely laminated.
 : moderately soft; moderately carbonatized
 : 1% finely disseminated pyrite.

END OF HOLE AT 123'

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-BS-134 LOCATION L50100W, 9+255 DEPTH 112'

DATE STARTED July 19, 1985; 12:25 am HOLE ELEVATION _____

DATE COMPLETED July 19, 1985; 1:30 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
	<u>ORGANICS: 0'-6'</u> : dark brown peat, muck				
10					
	<u>CLAY: 6'-102'</u> : soft, grey, calcareous : 10% silt, fine sand : 1% angular, poly lithic dropstone pebbles				
20					
30					
	<u>35': 20% silt, 80% clay</u>				
40					
50					
60					
70					
80					
	<u>87': 40% silt, 60% clay</u>				
90					
100					
	<u>SAND: 102'-104'</u> : 2' sand lens with 5% round pebbles. : well sorted, medium grained				

KERR ADDISON MINES LIMITED



OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-134 LOCATION L50+00W, 9+25S DEPTH 112'

DATE STARTED July 19, 1985; 12:25 am HOLE ELEVATION _____

DATE COMPLETED July 19, 1985; 1:30 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100					
	<p><u>SAND TILL</u> : 104' - 109'</p> <ul style="list-style-type: none"> : poorly sorted : 70-75% sand : 10% silt, clay : 20-25% pebbles 	01	104'	109'	
110		02	109'	112'	
120	<ul style="list-style-type: none"> : sub angular : 40% grey-green, finely laminated, fine grained sediments : 40% green, fine grained volcanics : 20% granitoids : 1% iron formation <p><u>BEDROCK</u> : 109' - 112' <u>Argillite</u></p> <ul style="list-style-type: none"> : steel grey, fine grained, finely laminated sediment : soft, carbonatized (moderately) : 2% carbonate veinlets (1/8") <p>END OF HOLE AT 112'</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONT GOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-135 LOCATION L 52150 W, 9+50 S DEPTH 104'

DATE STARTED July 19, 1985; 1:45 am HOLE ELEVATION _____

DATE COMPLETED July 19, 1985; 2:45 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
	<u>ORGANICS</u> : 0'-7' : dark brown peat, muck				
10					
	<u>CLAY</u> : 7'-88' : soft, grey, calcareous : 10% silt, fine sand : 1% angular dropstone pebbles				
20					
	: 30' : 80% clay, 20% silt/fine sand.				
30					
40					
50					
60					
70					
	75' : 40% silt, fine sand ; 60% clay				
80					
90		01	88'	95'	
	<u>SAND TILL</u> : 88'-101' : poorly sorted : 10% silt, clay : 60-75% sand : 25-30% pebbles				
100		02	95'	101'	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-B5-135 LOCATION L52+50W, 9+50S DEPTH 104'

DATE STARTED July 19, 1985; 1:45 am HOLE ELEVATION _____

DATE COMPLETED July 19, 1985; 2:45 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100		03	101'	104'	
110	<p><u>SAND TILL</u> : pebbles : angular to subangular (cont'd) : 40% fine grained, finely laminated sediments (1% pyrite) : 35% dark to medium green, fine grained volcanics : 20% granitoids : 5% iron formation.</p> <p><u>BEDROCK</u> : 101'-104' Graphitic greywacke : soft, black, fine grained graphitic greywacke : 5% pyrite as veinlets, cubes to 1/4" : finely laminated : weakly carbonatized.</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-136 LOCATION L55+00W, 9+00S DEPTH 82.5'

DATE STARTED July 19, 1985; 3:00 am HOLE ELEVATION _____

DATE COMPLETED July 19, 1985; 4:00 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
0-7	<p><u>ORGANICS</u> : 0'-7'</p> <p>: dark brown peat, muck</p>				
7-70	<p><u>CLAY</u> : 7'-70'</p> <p>: soft, grey, calcareous</p> <p>: 10% silt, fine sand</p> <p>: 1% polyolithic, angular pebbles</p> <p>: 60'-70': 30% silt, 70% clay</p>				
70-79.5	<p><u>SAND TILL</u> : 70'-79.5'</p> <p>: poorly sorted</p> <p>: 10% silt, clay</p> <p>: 60-70% sand.</p> <p>: 30% pebbles, cobbles</p> <p>: subangular</p> <p>: 50% grey-green, finely laminated, fine grained sediments</p> <p>: 30% medium green, fine grained volcanics</p> <p>: 20% granitoids</p> <p>: 1% iron formation</p>				
79.5-82.5	<p><u>BEDROCK</u> : 79.5'-82.5' <u>Arenite</u></p> <p>: grey-green, fine grained, finely laminated sediment</p> <p>: moderately hard</p> <p>: 2% finely disseminated pyrite</p> <p>: 5% quartz-carbonate veinlets</p> <p>: bands (<math>43^\circ</math>) of olive-green alteration</p>				
70-82.5	<p>END OF HOLE AT 82.5'</p>				
70		01	70'	79.5'	
80		02	79.5'	82.5'	
90					

KERR ADDISON MINES LIMITED





OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-137 LOCATION L57+50 W, 8+75S DEPTH 85'

DATE STARTED July 19, 1985; 4:10 am HOLE ELEVATION _____

DATE COMPLETED July 19, 1985; 4:45 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
0-4'	<p><u>ORGANICS</u> : 0'-4'</p> <p>: dark brown peat, muck</p>				
4-78'	<p><u>CLAY</u> : 4'-78'</p> <p>: 4'-65' : soft, grey, calcareous</p> <p>: 65'-78' : 30% silt, 70% clay</p>				
78-83'	<p><u>SAND TILL</u> : 78'-83'</p> <p>: poorly sorted</p> <p>: 10% silt, clay</p> <p>: 60-70% sand</p> <p>: 25-30% pebbles : subangular</p> <p>: 40% grey-black, fine grained, finely foliated sediments</p> <p>: 30% fine grained, dark green volcanics</p> <p>: 20% granitoids</p>				
83-85'	<p><u>BEDROCK</u> : 83'-85' Greywacke</p> <p>: fine grained, grey-green greywacke</p> <p>: 3% pyrite (finely disseminated)</p> <p>: 5% carbonate veinlets (<math>2\frac{1}{4}</math>")</p> <p>: finely laminated</p> <p>: soft</p>				
85'	<p>END OF HOLE AT 85'</p>				
80		01	78'	83'	
85		02	83'	85'	
90					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONT GOLFIER - ALOIGNY GEOLOGIST DON FORD / KATHY KAYKLYWY

HOLE NO MA-85-138 LOCATION L60+00W, 8+50S DEPTH 132'

DATE STARTED July 19, 1985; 5:20 am HOLE ELEVATION _____

DATE COMPLETED July 19, 1985; 9:45 am

DEPTH (Feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
0-8'	<p><u>ORGANICS</u> : 0-8'</p> <p>: dark brown peat, muck.</p>				
8'-90'	<p><u>CLAY</u> : 8'-90'</p> <p>: soft, grey, calcareous</p> <p>: 10% silt</p> <p>: 1% angular, poly lithic dropstone pebbles</p>				
52'	<p>: 52' introduction of silt</p> <p>: 25% silt, 75% clay</p>				
90'-92'	<p><u>SAND</u> : 90'-92'</p> <p>: well sorted, medium grained, grey</p> <p>: 5% rounded, poly lithic pebbles.</p>	01	92'	105'	
100					

KERR ADDISON MINES LIMITED


OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-138 LOCATION L60+00W, 8+50S DEPTH 132'

DATE STARTED July 19, 1985; 5:20 am HOLE ELEVATION _____

DATE COMPLETED July 19, 1985; 9:45 am

DEPTH (Feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100	 <p><u>SAND TILL</u> : 92' - 129.5'</p> <ul style="list-style-type: none"> : poorly sorted : 10% silt, clay : 60-70% sand : 20-30% pebbles <ul style="list-style-type: none"> : Subangular : 40% white to black, fine grained siltstone : 30% green, fine grained volcanic. : 30% granitoids : 1% iron formation : 104' green mafic volcanic cobbles : 110' granite cobbles : 114' 4" granite boulder : 115'-125' metasediment pebbles with 5-10% pyrite : very cobbly. : 128'-129.5' - sand - fine to medium grained, pebbles are 20-30% rounded and broken - GRAVEL? <p><u>CLAY TILL</u> : 129.5' - 130'</p> <p><u>BEDROCK</u> : 130' - 132' Subgraphitic schist/wacke</p> <ul style="list-style-type: none"> : fine grained, grey, moderately soft : graphitic : massive near top and getting poor to fair laminations or schistosity at depth : calcareous along cleavage or laminations : thin calcite veins : Trace Pyrite - cubic up to 5mm : 10% pyrite in fines <p>END OF HOLE : 132'</p>	01	92'	105'	
110		02	105'	115'	
120		03	115'	125'	
130		04	125'	130'	
		05	130'	132'	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIERI ALIGNY GEOLOGIST KATHY KRYKLYWY

HOLE NO NA-85-140 LOCATION 152.50W, 47.75S DEPTH 135'

DATE STARTED July 19, 1985; 12:50pm HOLE ELEVATION _____

DATE COMPLETED July 19, 1985; 2:35pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>SAND : 0-2'</p> <ul style="list-style-type: none"> coarse grained, well sorted 				
2	<p>CLAY : 2'-89'</p> <ul style="list-style-type: none"> grey, moderately stiff ~10' becomes soft 25-40' - 1% pebbles and minor sand (probably interbedded) in clay 40' - 100% clay 				
10					
20					
30					
40					
50					
60					
70					
80	<p>SILT & CLAY : 89'-110'</p> <ul style="list-style-type: none"> becomes more silty with depth 				
90					
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER / ALOIGNY GEOLOGIST KATHY KRYKLYWY

HOLE NO MA-85-140 LOCATION L52+50W, 4+75S DEPTH 135'

DATE STARTED July 19, 1985; 12:50 pm HOLE ELEVATION _____

DATE COMPLETED July 19, 1985; 2:35 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	GRAVEL: 110' - 120'				
	<ul style="list-style-type: none"> 50-80% coarse grained sand, 20-50% pebbles moderately sorted, 50% rounded clasts pebbles 20-30% fine grained dark grey volcanic and graphitic rock, 20% light grey/green volcanic rock, 20-40% granitoids 10-20% sedimentary rocks strong WATER TABLE very cobbly with depth 	01	110'	115'	
	CLAY TILL: 120' - 131'	02	115'	121.5'	
	<ul style="list-style-type: none"> 5-10% gritty clay, 50-80% sand, 10-40% pebbles/cobbles/boulders boulders - 70% - fine grained, grey volcanic rock, 10-20% granitoids, 10-20% sedimentary rocks 	03	121.5'	125'	
	<ul style="list-style-type: none"> poorly sorted, 5-10% rounded clasts sand - fine to medium grained, brown 	04	125'	131'	
	BEDROCK: 131' - 135' Argillite	05	131'	135'	
	<ul style="list-style-type: none"> fine grained, light grey/green moderately hard chloritized; 1% chlorite fair schistosity abundant carbonate veins - 30% chlorite schist? 				
	END OF HOLE: 135'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER / ALOIGNY GEOLOGIST KATHY KRYKLYWY

HOLE NO MA-85-141 LOCATION 147+50 W, 6+30 S DEPTH 121'

DATE STARTED July 19, 1985; 3:15pm HOLE ELEVATION _____

DATE COMPLETED July 19, 1985; 5:20pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	<p><u>ORGANICS & CLAY : 0 - 4'</u> - clay - dark brown</p>				
10	<p><u>CLAY : 4' - 58'</u> - light brown, moderately stiff - 13' becomes grey and soft - 15 - 25' - minor silt and pebbles in clay - 25' - 100% very soft, grey, calcareous clay</p>				
20					
30					
40					
50					
60	<p><u>SILT & CLAY : 58' - 73'</u> - approximately equal proportions of each</p>				
70	<p><u>GRAVEL : 73' - 88.5'</u> - 50% coarse grained sand, 50% pebbles - moderately sorted, 30% rounded clasts - pebbles - 30-40% graphitic schist, 30-50% fine grained light grey/green volcanic rock - 20% granitoids, ~10% sediments, trace pyrite cubes - sand - brown - pebble size increases with depth - very cobbly by 79' - WATER TABLE - lot of sediment return</p>	01	73'	85'	
80					
90	<p><u>TILL : 88.5 - 118'</u> - 50-80% sand, 20-50% pebbles/cobbles/boulders - sand - fine grained - poorly sorted, 5-10% rounded clasts</p>	02	85'	91'	
		03	91'	95'	
100		04	95'	105'	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER / ALOIGNY GEOLOGIST KATHY KRYKLYJ

HOLE NO MA-85-141 LOCATION L 47+50 W, 6+30 S DEPTH 121'

DATE STARTED July 19, 1985; 3:15 pm HOLE ELEVATION _____

DATE COMPLETED July 19, 1985; 5:20 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	<ul style="list-style-type: none"> very bouldery ~ same pebble lithology as the gravel 100' - 102' - very sandy, 5% pebbles sand - medium grained 102' back to fine grained sand and silt matrix 	04	95'	105'	
110		05	105'	115'	
	<p>BEDROCK: 118' - 121' Tuff or argillite</p> <ul style="list-style-type: none"> light grey / green, moderately soft, calcareous very felsic rock - volcanic! talc vein - grey, pearly lustre, soft, calcareous quartz veins possible sericitic alteration 	06	115'	118'	
120		07	118'	121'	
130	<p>END OF HOLE: 121'</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGALFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-142 LOCATION L105+00W, 8+25 S DEPTH 170.5'

DATE STARTED July 20, 1985 12:30 am HOLE ELEVATION _____

DATE COMPLETED July 20, 1985 5:17 am

DEPTH Feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
0-90'	<p><u>CLAY: 0-90'</u> 0-90' - soft, grey clay - 2% fine to medium sand 88' - 70% silt, 30% grey clay</p>				
90-103'	<p><u>GRAVEL: 90'-103'</u> - moderately sorted - 80-90% fine to medium sand, 10-20% pebbles - 50% granitoid, 20% volcanic, 20% sedimentary, 10% quartz - 30% rounded clasts - cobbles</p>				
100'	100' - coarse pyrite grains				
103-132'	<p><u>CLAY TILL: 103'-132'</u> - poorly sorted - 20-30% sand, 5% pebbles, cobbles 65-75% clay assumed - 25% granitoid, 50% volcanic, 20% sedimentary, 5% quartz - clay armouring and clay balls</p>				
112'	112' - 6" grey clay seam				
119'	119' - 6" pale green-grey and dark green speckled cobble				
129'	129' - 5" dark green volcanic cobble				
130'	130' - 3" light and dark green volcanic cobble				
131'	131' - 1" clay seam				
90		01	90	95	
100		02	95	105	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-142 LOCATION L105+00W, 8+25 S DEPTH 170.5'

DATE STARTED July 20, 1985 12:30 am HOLE ELEVATION _____

DATE COMPLETED July 20, 1985 5:17 am

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100	<p>SAND TILL?: 132' - 151' - poorly sorted - 40% fine to medium sand, 3% pebbles, 55% clay assumed - very cobbly - 40% granitoid, 30% volcanic, 25% sedimentary, 5% quartz - large amount of sample return</p> <p>144' - 145' - 1% coarse pyrite crystals 145' - 6" sand seam</p> <p>CLAY TILL: 151' - 168' - 20% medium sand, 5% pebbles, 75% clay assumed. - very cobbly - 25% granitoid, 50% volcanic, 20% sedimentary, 5% quartz</p> <p>151' - 3" light green cobble 159' - stiff, blue-grey, calcareous clay seam 161' - medium grey cobble, 3" 161.5' - 3 cobble, medium green with 10% dark green grains and trace coarse pyrite 163' - 12" stiff, blue-grey clay seam 167' - 6" medium and dark green dioritic cobble 167.5' - 3" clay seam</p> <p>BEDROCK: 168' - 170.5' Graphitic schist - homogenous medium dark grey colour - aphanitic to fine grained - soft, hardness approximately 3 - graphitic - $\frac{1}{8}$" quartz veins parallel to a moderate foliation. These quartz veins are 5-10% of rock - $\frac{1}{16}$" carbonate veinlets are 2-5% - rock itself is not carbonatized - 2% medium grained pyrite - 5% fine pyrite as coarse agglomerates which have quartz as the matrix.</p> <p>END OF HOLE 170.5'</p>	02	95	105	
110		03	105	115	
120		04	115	125	
130		05	125	135	
140		06	135	145	
150		07	145	155	
160		08	155	158	
		09	158	165	
		10	165	168	
170		11	168	170.5	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGULFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-143 LOCATION L 112+60 W, 5+25 S DEPTH 117'

DATE STARTED July 20, 1985 6:25 am HOLE ELEVATION _____

DATE COMPLETED July 20, 1985 8:05 am

DEPTH feet 0	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>CLAY: 0 - 114.5'</p> <p>0 - 6' - soft, brown clay</p> <p>6' - 114.5' - soft, grey clay</p> <p>- 1% sand, 1/2% pebbles</p>				
10					
20					
30					
40					
50					
60					
70					
80					
90					
100	70' - 1/2% sand, 0% pebbles				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-143 LOCATION L112+50W, 5+25S DEPTH 117'

DATE STARTED July 20, 1985, 6:25 am HOLE ELEVATION _____

DATE COMPLETED July 20, 1985, 8:05 am

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100					
110					
114.5 - 115.5	CLAY TILL: 114.5 - 115.5' - poorly sorted - 20% fine-medium-coarse sand - 5% pebbles, 75% clay assumed - 10% rounded clasts	01 02	114.5 115.5	115.5 117	
115.5 - 117	BEDROCK: 115.5' - 117' Sedimentary or Volcanic Breccia - light grey-green - brecciated texture with 1/2" angular, medium green fragments in a pale green to white matrix - very hard, h=7 - siliceous - 1-2% fine disseminated pyrite - no carbonate - 10% quartz stockwork veins - water table 117' - calcite veins up to 1cm wide - volcanic breccia END OF HOLE 117'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST AMY NISHIO
 HOLE NO MA-85-144 LOCATION L117+S0W, 4+S0S DEPTH 134'
 DATE STARTED JULY 20, 1985; 9:45 am HOLE ELEVATION _____
 DATE COMPLETED JULY 20, 1985; 10:45 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	* * ORGANICS - SILT : 0-2' CLAY - SILT INTERBEDDED : 2-106' - clay is light grey, non-gritty, soft - silt contains <1% coarse sand 0-7' - clay 7-15' - liquidous grey clay and lumps. 15-25' - silt 25-65' - clay - silt interbedded 65-75' - silt - clay, introduction of fine sands - no medium to coarse sand 75-106' - liquidous and lump clay - brown lumps from 85-95' - light grey lumps from 95-106'				
10'					
20'					
30'					
40'					
50'					
60'					
70'					
80'					
90'					
100'					

KERR ADDISON MINES LIMITED


OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER / ALDIGNY GEOLOGIST KATHY KRYKLYWY

HOLE NO MA-85-145 LOCATION L 120+00W, 4+50S DEPTH 135'

DATE STARTED July 20, 1985; 11:00 am HOLE ELEVATION _____

DATE COMPLETED July 20, 1985; 11:40 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	 <p><u>ORGANICS : 0-5'</u></p> <p><u>CLAY : 5' - 129'</u></p> <p>- grey, soft, calcareous</p> <p>- 14' - 68' - Poor Return - minor sand and < 1% pebbles, possible interbedded sequences with fine material washing away</p> <p>- 68' back to soft, grey clay</p>				
10					
20					
30					
40					
50					
60					
70					
80					
90					
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER / ALDIGNY GEOLOGIST KATHY KRYKIVLIV

HOLE NO MA-85-145 LOCATION L 120+00 W, 4+50 S DEPTH 135'

DATE STARTED July 20, 1985; 11:00am HOLE ELEVATION _____

DATE COMPLETED July 20, 1985; 11:40am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
110					
120					
129	<p><u>TILL : 129' - 131'</u></p> <ul style="list-style-type: none"> - 50% sand, 50% pebbles - sand - fine to medium grained, brown - poorly sorted, 5% rounded clasts - pebbles - poly lithic 	01	129	131	
131		02	131	135	
135	<p><u>BEDROCK : 131' - 135' Sub-graphitic schist</u></p> <ul style="list-style-type: none"> - fine grained, dark grey, calcareous, schistose - moderately soft - 2% light grey platy mineral - sericite? - calcite veining at least 5mm wide - graphitic schist <p>END OF HOLE : 135'</p>				

KERR ADDISON MINES LIMITED


OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-85-146 LOCATION L 120+00 W, 9+50S DEPTH 81'

DATE STARTED JULY 20, 1985; 12:15 pm HOLE ELEVATION _____

DATE COMPLETED JULY 20, 1985; 1:00 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>✱ ✱</p> <p><u>ORGANICS-SILT: 0-2'</u></p> <p><u>INTERBEDDED CLAY-SILT: 2-72'</u></p> <p>- clay is brown, non-gritty, soft lumps</p> <p>2-4' - light grey, non-gritty, soft clay lumps</p> <p>4-10' - clay</p> <p>10-15' - silt</p> <p>15-25' - interbedded silt and clay</p> <p>35-45' - silt</p> <p>47-72' - clay</p>				
20'					
30'					
40'					
50'	<p><u>SANDY TILL? : 72-78 1/2'</u></p> <p>Matrix (-10 return) - fine to medium, polyolithic sand; 50-60% of return.</p> <p>Clasts (+10 return) - compositional sorting of black-dark grey, fine grained, finely laminated sediment.</p> <p>Rock Fragments > Grains, grains are sub-angular to sub-rounded; till is poorly sorted</p> <p>Mafic/Felsic = 75%/25% : Mafic = Sedimentary and Volcanics (75%), Felsic = Granitoid (15-20%)</p> <p>Quartz (1-5%) Trace Pyrite</p>				
60'					
70'					
78 1/2'	 <p><u>BEDROCK: SEDIMENTARY: 78 1/2'-81' Arenite</u></p> <p>- black-grey, fine grained, laminated?, non-magnetic, non-carbonitized</p> <p>- alteration rust coloured to mustard yellow coloured; varying degrees of alteration</p> <p>- quartz (2%); 5% granitoids (coarse sand size)</p> <p>- disseminated - cubic pyrite (5-10%) in host and free grains</p>	01	72'	75'	
80'		02	75'	78 1/2'	
		03	78 1/2'	81'	
90'					
	STOP DRILL AT 81'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER /ALOIGNY GEOLOGIST KATHY KRYKLYWY

HOLE NO MA-85-147 LOCATION L117.50W, 8.75S DEPTH 99'

DATE STARTED July 20, 1985; 1:10 pm HOLE ELEVATION _____

DATE COMPLETED July 20, 1985; 1:50 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	<p>ORGANICS : 0 - 4'</p> <p>CLAY : 4' - 79'</p> <ul style="list-style-type: none"> grey, moderately stiff ~10' becomes soft 18' - 39' - Poor Return - probably fine material washing away 39' - 40' - wood fragments - log 40' - back to clay 1% small rounded pebbles <p>INTERBEDDED SAND : PEBBLES : 79' - 94'</p> <ul style="list-style-type: none"> appears to be cycles of fining upward cycles from fine grained sand to pebbles 20-50% sand, 50-80% pebbles moderately sorted, 40% rounded clasts pebbles - 20% granitoids, 30-50% fine grained medium green volcanic rocks, 20% sedimentary rocks, 20% mafic volcanic rock <p>GRAVEL : 94' - 96' (possibly TILL)</p> <ul style="list-style-type: none"> 40% coarse grained sand, 60% pebbles 60% graphitic schist, 20% granitoids, 10-20% sedimentary rock, 5-10% volcanic rock high sediment return suggests a WATER TABLE <p>BEDROCK : 96' - 99' Graphitic schist</p> <ul style="list-style-type: none"> graphitic, dark grey, soft highly schistose quartz veins 10% pyrite - veins up to 3mm wide and as disseminated cubes <p>END OF HOLE : 99'</p>				
		01	79'	85'	
		02	85'	95'	
		03	95'	96'	
		04	96'	99'	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-95-148 LOCATION L115+00 W, Pt 755 DEPTH 85 1/2'

DATE STARTED JULY 20, 1985 ; 2:30 pm HOLE ELEVATION _____

DATE COMPLETED JULY 20, 1985 ; 3:15 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>ORGANICS - FINE SAND : 0-1'</p> <p>INTERBEDDED CLAY - SILT : 1-70'</p> <p>-1-26' - grey changing to brown clay (at <5'), non-gritty, soft lumps</p> <p>-26-55' - silt and fine sands</p> <p>-55-70' - light grey, non-gritty, soft clay lumps</p>				
10'					
20'					
30'					
40'	<p>SANDY TILL / GRAVEL : 70-84'</p> <p>Matrix (-10 return) : fine to medium grained, poly lithic sand ; 60% of return.</p> <p>Clasts (110 return) : Rock Fragments > Grains</p> <p>grains are sub-angular to subround ;</p> <p>+10 = 40% of return ; poorly sorted</p> <p>Mafic / Felsic = 75%/25% ; Mafic = sedimentary (40-50%) ; Volcanic (25-30%) . Felsic = Granitoid (20%) . Quartz (1%) . Trace pyrite cubes.</p> <p>-71', 72 1/2' - Cobble</p> <p>-75' - Sedimentary Cobble - light grey, finely laminated and fine grained</p> <p>-79', 84' - Sedimentary ? Cobble - black, fine grained</p>				
50'					
60'					
70'		01	70'	75'	
80'	<p>BEDROCK : GRAPHITIC : 84-85 1/2' Graphitic Schist</p> <p>- black, slate-like, non-carbonatized, moderately hard (hardness between 3 and 5)</p> <p>- return relatively clean.</p> <p>Quartz (1%) ; <1% red-orange, coarse sand size, granitoids ; 5% Pyrite (disseminated and cubic) in host</p>	02	75'	84'	
90'		03	84'	85 1/2'	
	STOP DRILL AT 85 1/2'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER/ALOIGNY GEOLOGIST KATHY KRYKLYWY

HOLE NO MA-85-149 LOCATION L112+50W, 8+50S DEPTH 118'

DATE STARTED July 20, 1985; 3:30 pm HOLE ELEVATION _____

DATE COMPLETED July 20, 1985; 4:15 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>ORGANICS: 0-3'</p>				
3	<p>CLAY: 3' - 89'</p> <ul style="list-style-type: none"> - grey, moderately soft - soft by 10' - 15' - minor sand and pebbles - 45'-65' - Poor Return - probably fines washing away 				
89	<p>GRAVEL: 89' - 110' (possibly <u>TILL</u>)</p> <ul style="list-style-type: none"> - 50% sand, 50% pebbles - sand - medium to coarse grained - moderately sorted, 20-30% rounded clasts - pebbles - 30-50% graphitic schist, 20-30% light green, fine grained rock, 10-20% granitoids, ~10% sedimentary rocks, ~10% mafic volcanic rock, trace pyrite - pebble to cobble size clasts - high sediment return indicates a WATER TABLE 				
84		01	84'	95'	
95		02	95'	105'	

KERR ADDISON MINES LIMITED


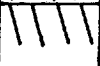
OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER / ALOIGNY GEOLOGIST KATHY KRYKLYWY

HOLE NO MA-85-149 LOCATION L 112+50 W, 8+50 S DEPTH 118'

DATE STARTED July 20, 1984; 3:30pm HOLE ELEVATION _____

DATE COMPLETED July 20, 1984; 4:15pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
110	 <p><u>TILL: 110' - 116'</u> - ~ 90% fine grained sand, ~10% pebbles - 112' - 50-80% fine to medium grained sand, 20-50% pebbles - poor to moderate sorting, 40% rounded clasts</p>	02	95'	105'	
		03	105'	115'	
		04	115'	116'	
120	 <p><u>BEDROCK: 116' - 118' Subgraphitic schist</u> - fine grained, medium gray/green, - schistose - graphitic - calcareous - Py - 5% - fine, disseminated - calcite veinlets</p> <p>END OF HOLE: 118'</p>	05	116'	118'	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-95-150 LOCATION L107+50W, 9+00S DEPTH 122'

DATE STARTED JULY 20, 1985; 4:30 pm HOLE ELEVATION _____

DATE COMPLETED JULY 20, 1985; 6:30 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>* * NO RETURN: 0-1'</p> <p>INTERBEDDED CLAY-SILT: 1-93'</p> <p>-1-3' - Organics and dark brown clay lumps</p> <p>-3-15' - CLAY - brown, non-gritty, soft lumps</p>				
10'	<p>-15-35' - brown clay lumps and silt, 1% coarse sand</p>				
20'					
30'					
40'	<p>-35-45' - Silt-sand horizon with 1% coarse sand to pebbles</p>				
50'	<p>-45-55' - Silt, no +10 return</p>				
60'	<p>-55-65' Interbedded brown clay and silt, silt has 10 component of clay balls</p>				
70'	<p>-65-95' - Silt</p>				
80'					
90'					
100'	<p>-100-103' - light grey, soft, non-gritty clay</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALBOIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-85-150 LOCATION L107+50W, 9+00S DEPTH 122'

DATE STARTED JULY 20, 1985; 4:50 pm HOLE ELEVATION _____

DATE COMPLETED JULY 20, 1985; 6:30 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'					
	SANDY TILL / GRAVEL: 93 - 119 1/2'				
	Matrix (-10 return) - fine to medium grained, poly lithic sand; 60% of return.	01	103'	105'	
	Clast (110 return) - 40% of return: Rock fragments, coarse sand and pebbles.	02	105'	114'	
110'	Rock fragments > Grains; grains are sub-angular to sub-round (40%), many of the rock fragments have rounded edges. Till is poorly sorted.	03	114'	119 1/2'	
120'	Mafic / felsic = 70%/30%; Mafic = Volcanics (20%) Sedimentary (40%) . Felsic = Granitoid (25%-30%) 1% Pyrite cubes	04	119 1/2'	122'	
130'	- 110', 111' - Cobble - light green, fine grained, finely laminated - 112' Volcanic Cobble - dark green, fine grained - 113-114 1/2' - Possible Gravel - decrease of fine sand matrix, increase of medium to coarse sand; moderately well sorted sand. - 114' - Boulder (1') - army green; 40% black, slate-like chips - early return contaminated by granitoids and sedimentary fragments - 115' - decrease matrix (-10 return) - sand to 5-10% - 116' - Matrix increases to 90%, coarse sand 10% - 116 1/2' - +10 return = 20-30% but only coarse sand size - continuation of a coarsening downward sequence				
	BEDROCK: SEDIMENTARY: 119 1/2 - 122' Subgraphitic schist				
	- dark grey with greenish tone, fine grained, finely laminated, carbonitized moderately soft. - 10% carbonate veinlets (1/8 - 1/4") - 1% red, coarse sand sized, granitoids				
	STOP DRILL AT 122'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-B5-151 LOCATION T.L. 1200S, 110+12 W DEPTH 90'

DATE STARTED July 20, 1985; 8:30 pm HOLE ELEVATION _____

DATE COMPLETED July 20, 1985; 9:20 pm

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>ORGANICS : 0'-3'</p> <p>: dark brown peat and muck</p>				
10	<p>CLAY : 3'-79'</p> <p>: soft to moderately stiff, grey, calcareous</p> <p>: 10-15% silt, fine sand; 85-90% clay</p> <p>: <1% angular, poly lithic dropstones</p> <p>: 45'-79' : 20-30% silt; 70-80% clay</p>				
20					
30	<p>SAND TILL : 79'-87.5'</p> <p>: poorly sorted</p> <p>: 10% silt</p> <p>: 60-70% sand</p> <p>: 20-25% pebbles; cobbles</p> <p>: sub angular</p> <p>: 60% dark green aphanitic volcanics</p> <p>: 20% grey-green, finely foliated sediments</p> <p>: 15% granitoids</p> <p>: 5% graphitic sediments; black, finely foliated</p>				
40					
50					
60	<p>BEDROCK : 87.5'-90' Arenite</p> <p>: fine grained, medium green-grey sediment</p> <p>: finely mottled ("grainy" appearance)</p> <p>: hard (>5.5)</p>				
70	<p>END OF HOLE AT 90'</p>				
80		01	79'	87.5'	
90		02	87.5'	90'	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-B5-152 LOCATION T.L. 12+00S, 112+50W DEPTH 85'

DATE STARTED July 20, 1985; 9:30 pm HOLE ELEVATION _____





DATE COMPLETED July 20, 1985; 10:20 pm

DEPTH (Feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
0-2'	<u>ORGANICS</u> : 0'-2' : dark brown organic rich clay				
2-69'	<u>CLAY</u> : 2'-69' : 2'-6' : light brown, moderately stiff : 6'-69' : soft, grey, calcareous : 10% silt, fine sand : <1% angular poly lithic dropstones				
69-83'	<u>SAND TILL</u> : 69'-83' : poorly sorted : 10% silt, clay : 60-70% sand : 20-30% pebbles, cobbles : subangular to angular : 50% dark green, aphanitic volcanics : 30% grey to black finely foliated argillites : 10% granitoids : 1% black, very fine grained, finely foliated graphitic sediments				
83-85'	<u>BEDROCK</u> : 83'-85' <u>Arenite</u> : fine grained, medium green-grey sediment : very slightly carbonatized : moderately hard (≈5.5)				
85'	<u>END OF HOLE AT 85'</u>				
70		01	69'	75'	
80		02	75'	83'	
		03	83'	85'	
90					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST DON FORD
 HOLE NO MA-85-153 LOCATION T.L. 12+00S, 117+50W DEPTH 48'
 DATE STARTED July 20, 1985; 10:30 pm HOLE ELEVATION _____
 DATE COMPLETED July 20, 1985; 11:20 pm

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	 <p><u>ORGANICS</u> : 0' - 8' : very stiff organic rich clay (dark brown)</p>				
10	 <p><u>CLAY</u> : 8' - 42' : soft, grey, calcareous : 10% silt : < 1% sub angular, poly lithic dropstones</p>				
20					
30					
40					
42	 <p><u>SAND TILL</u> : 42' - 46' : poorly sorted : 15% silt : 60-70% sand</p>	01	42'	46'	
46		02	46'	48'	
50	 <p>: 15-25% pebbles, cobbles : subangular : 50% dark to medium green, ophanitic volcanics : 35% green to black, fine grained, finely laminated sediments : 15% granitoids : 1% black, finely laminated magnetic argillite.</p> <p><u>BEDROCK</u> : 46' - 48' <u>Arenite</u> : fine grained, medium grey-green finely laminated sediment : finely mottled ("grainy" texture) : hard (>5.5)</p>				
	<p>END OF HOLE AT 48'</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-154 LOCATION LIZOTOW, T.L. 12+005 DEPTH 82'

DATE STARTED July 20, 1985; 11:30 pm HOLE ELEVATION _____

DATE COMPLETED July 21, 1985; 1:30 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
10					
20					
30					
40					
50					
60		01	53'	65'	
70		02	65'	72'	
80		03	72'	75'	
		04	75'	80.5'	
		05	80.5'	82'	
90					

CLAY: 0-51'
 : soft, grey, calcareous
 : 10% silt, fine sand
 : <1% dropstones (subangular, poly lithic)

: 23'-25': pebble bed
 : 40% pebbles
 : 60% sand, silt
 : pebbles: well rounded,
 poly lithic.

SAND: 51'-53'
 : well sorted
 : 95% fine to medium sand
 : 5% rounded, poly lithic pebbles

SAND TILL: 53'-65'
 : poorly sorted
 : 10% silt
 : 60-70% sand
 : 20-30% pebbles, cobbles
 : subangular
 : 50% green, aphanitic
 volcanics
 : 30% fine grained green-
 grey sediments
 : 15% granitoids
 : 5% magnetic, finely
 foliated argillite.
 : 58': 1.5' sand lens (well sorted,
 medium grained.)
 : 62': 2' clay seams stiff, grey

CLAY: 65'-72'
 : very stiff, grey

SAND TILL: 72'-80.5'
 : same as from 53' to 65'
 : 77': medium grained volcanic
 boulder.
 : 80': syenite boulder

BEDROCK: 80.5'-82' Arenite
 : fine grained, light grey-green
 sediment
 : carbonatized
 : trace disseminated pyrite.
 : very hard (>5.5)

END OF HOLE AT 82'

KERR ADDISON MINES LIMITED


OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DDN FORD

HOLE NO MA-85-155 LOCATION T.L. 12100S, 130100W DEPTH 41'

DATE STARTED July 21, 1985; 1:50 am HOLE ELEVATION _____

DATE COMPLETED July 21, 1985; 2:20 am

DEPTH (Feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
10	<p><u>CLAY</u>: 0'-38.5'</p> <ul style="list-style-type: none"> : soft to moderately stiff, grey, calcareous : 10-15% silt, fine sand : <1% sub angular, poly lithic dropstones 				
20					
30					
40	 <p><u>BEDROCK</u>: 38.5'-41' <u>Granite</u></p> <ul style="list-style-type: none"> : fine grained, light grey-green sediment : 10% carbonate veinlets (1/8") : strongly carbonatized : yellow-brown alteration veinlets (15%) : trace, finely disseminated pyrite. : soft (2.3-4) 	01	38.5'	41'	
50	<p><u>END OF HOLE AT 41'</u></p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-156 LOCATION T.L. 12+00S, 135+00W DEPTH 107'

DATE STARTED July 21, 1985; 2:40 am HOLE ELEVATION _____

DATE COMPLETED July 21, 1985; 3:40 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
10	<p><u>CLAY</u>: 0'-87'</p> <ul style="list-style-type: none"> : soft to moderately stiff, grey, calcareous : 15% silt, fine sand : <1% dropstones: angular polyhedral. 				
20	<p><u>SAND TILL</u>: 87'-104'</p> <ul style="list-style-type: none"> : poorly sorted. : 10% silt : 60-70% sand : 20-30% pebbles : subangular : 40% dark green, aphanitic volcanics : 40% grey-green, fine grained sediments : 15% granitoids : 5% foliated, magnetic argillite. : cobbly: sediments/volcanics. : 99': 2' soft, fine grained, grey-green sedimentary boulder 				
30					
40					
50					
60	<p><u>BEDROCK</u>: 104'-107' Argillite</p> <ul style="list-style-type: none"> : fractured, oxidized, brown / black, banded sediment : fine grained : finely foliated. : very soft (<4) 				
70	<p>END OF HOLE AT 107'</p>				
80					
90		01	87'	95'	
100		02	95'	99'	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-BS-157 LOCATION L137+50W, 9+255 DEPTH 101'

DATE STARTED July 21, 1985; 4:15 am HOLE ELEVATION _____

DATE COMPLETED July 21, 1985; 5:10 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
10	<p><u>CLAY</u>: 0 - 82'</p> <ul style="list-style-type: none"> : soft, grey, calcareous : 10% silt : <1% angular, polyolithic dropstones 				
20	<p><u>SAND TILL</u>: 82' - 99'</p> <ul style="list-style-type: none"> : poorly sorted : 15% silt : 60-70% sand. : 15-25% pebbles : sub angular : 50% green, aphanitic volcanics : 40% fine grained, grey-green, finely laminated sediments : 10% granitoids : 1% magnetic, black, finely laminated argillite. 				
30					
40	<p><u>BEDROCK</u>: 99' - 101' <u>Argillite or Volcanic</u></p> <ul style="list-style-type: none"> : dark green, fine grained mafic volcanic. : pervasive brown alteration (25%) : strongly carbonatized : 1% finely disseminated pyrite. : soft (2.3-4) : strong water table noted at bedrock - overburden interface. 				
50					
60					
70					
80					
90		01	82'	95'	
		02	95'	99'	
100		03	99'	101'	

END OF HOLE AT 101'

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD / AMY NISHIO

HOLE NO MA-BS-158 LOCATION L140100W, 9+405 DEPTH 92'

DATE STARTED July 21, 1985; 6:25 am HOLE ELEVATION _____

DATE COMPLETED July 21, 1985; 8:45 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
10	<p><u>CLAY</u>: 0-68'</p> <ul style="list-style-type: none"> soft, grey, calcareous 10% silt, fine sand <1% sub angular, poly lithic dropstones 				
20	<p><u>SAND TILL</u>: 68'-90.5'</p> <ul style="list-style-type: none"> poorly sorted 10% silt 60-70% sand 20-30% pebbles, cobbles. 45% green, fine grained volcanics 30% green, fine grained sediments 10% brown chert 10% granitoids 5% graphite. 1% magnetic, finely laminated argillite. <p>- rock fragments / grains, grains are sub-angular to sub-rounded (30%)</p> <p>- Trace pyrite in volcanics and free cubes</p>				
30					
40					
50					
60	<ul style="list-style-type: none"> - 77' - Cobble - 80' - Volcanic cobble - 85' - Cobble 				
70	<p><u>BEDROCK - SEDIMENTARY</u>: 90 1/2 - 92' <u>Aenite or Tuff</u></p> <ul style="list-style-type: none"> - light grey, finely laminated, slightly grainy texture (\pm .25mm) - rust coloured alternation, decreasing with depth (lost by 1 1/2'); at depth some surfaces are darker grey - 5% black, fine grained, slaty cleavage, strongly magnetic - 1% Pyrite cubes in host chips (~1mm) - 1% Red-orange, coarse sand sized, granitoids 	01	68'	75'	
80		02	75'	85'	
90		03	85'	90.5'	
92	STOP DRILL AT 92'	04	90.5'	92'	
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST AMY NISHIO
 HOLE NO MA-85-159 LOCATION L145+00W, 9+50S DEPTH 73 1/2'
 DATE STARTED JULY 21, 1985; 8:55 am HOLE ELEVATION _____
 DATE COMPLETED JULY 21, 1985; 9:45 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>✕ ✕</p> <p><u>ORGANICS - SILT: 0-2'</u></p> <p><u>CLAY: 2-61'</u></p> <p>2-5' - dark grey, non-gritty, hard clay lumps</p> <p>5-20' - light grey, non-gritty, soft clay lumps;</p> <p><1% coarse sand</p>				
10'					
20'	<p>20-45' - brown, non-gritty soft clay lumps</p>				
30'	<p>45'-61' - light grey, non-gritty, soft clay lumps</p>				
40'					
50'					
60'	<p><u>SANDY TILL: 61-72'</u></p> <p>Matrix (10 return) - fine to medium grained, polyolithic sand; ~70-90% of return; initially sand appears coarser, more gravel-like but it becomes more till-like with depth.</p> <p>Clasts (10 return) - 20-30% of return; coarse sand, rock fragments and small pebbles.</p> <p>- compositional sorting due to cobbles</p> <p>Mafic / Felsic = 80%/20%; Mafic = Sedimentary (predominately black, slaty cleavage, fine grained) 30-40%; Volcanics 40-50%. Felsics = Granitoids 1-15%</p> <p>- Rock Fragments ≤ Grains, grains are sub-angular to sub-rounded (40%).</p> <p>- Quartz (1%) - some pink, possible hematite stain</p> <p>- Till is poorly sorted</p> <p>- 7 1/2' Cobble</p>	01	61'	65'	
70'	<p>/// SILL</p>	02	65'	72'	
80'		03	72'	73 1/2'	
	<p><u>BEDROCK: SEDIMENTARY?: 72-73 1/2' Argillite</u></p> <p>- light grey, faintly greenish tone, schistose, fine grained, hardness >5, non-carbonitized</p> <p>- slightly whitish surface on some chips - alteration?</p> <p>- minor rust alteration (like hole MA-85-153)</p> <p>- 5% - black, slaty cleavage, fine grained, strongly magnetic</p> <p>- Trace pyrite - in host as cubes and free grains</p> <p>- 5% red granitoids, volcanics, quartz (pink), coarse sand size</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-95-160 LOCATION L147+50W, 10+75S DEPTH 64 1/2'

DATE STARTED JULY 21, 1985; 10:00 am HOLE ELEVATION _____

DATE COMPLETED JULY 21, 1985; 10:45 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0'	ORGANICS: 0-1'				
	INTERBEDDED CLAY - SILT: 1-62'				
	1-10' - light grey, non-gritty, soft clay lumps changing to brown colour at 3'				
10'	10-15' - silt and fine to coarse (5%) sands, small pebbles				
	15-35' - Interbedded silt and brown clay				
	35-45' - Liquidous brown, clay and clay lumps				
20'	55' - Light grey, non-gritty, soft clay lumps				
30'					
40'					
50'					
60'	SAND: 62'-63'				
	- fine to medium grained, poly lithic sand				
	- 1% coarse sand.	01	62'	64 1/2'	
70'	BEDROCK: CHLORITE SCHIST? : 63-64 1/2' Volcanic or sediment				
	- dark green, very slightly carbonitized, fine laminations, hardness between 3-5. schistose appearance				
	- some surfaces altered white				
	- orangish-brown alteration on some chips				
	- <5% black, slate-like chips				
	- <10% quartz				
	- Trace disseminated pyrite				
	STOP DRILL AT 64 1/2'				

KERR ADDISON MINES LIMITED


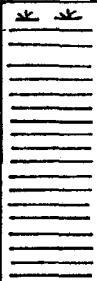


OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-85-161 LOCATION L 150+00 W, 9+90 S DEPTH 84 1/2'

DATE STARTED JULY 21, 1985; 11:05 am HOLE ELEVATION _____

DATE COMPLETED JULY 21, 1985; 12:00 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	 No RETURN: 0-3'				
10'	 <p>ORGANICS - CLAY: 3-5' - dark grey, non-gritty clay INTERBEDDED CLAY-SILT: 5-8 1/2' - 5-10' brown, non-gritty, soft clay lumps - 10-25' clay changed to light grey colour, < 1% coarse sand - 25-45' - Interbedded grey clay and silt - 45-55' - silt, minor (1%) coarse sand - 55-8 1/2' - liquidous brown clay and clay lumps clay changing to light grey colour at 70' - minor silt interbedded</p>				
60'	 <p>SAND / SANDY TILL?: 81 1/2' - 82' - moderately sorted, fine - coarse grained sand Matrix - 80% of return, fine sand, polyolithic Clasts - 20% of return; mafic / felsic = 80%/20% - Boulder: 82 - 82 1/2' black, slate-like</p>				
80'	 <p>BEDROCK: SEDIMENTARY: 83-84 1/2' Argillite - dark to light grey (slightly greenish tone), slightly schistose, non-carbonitized, fine grained, hardness between 3-5 - Trace pyrite cubes in host - 30% Black, slate-like, highly magnetized, non-carbonitized; decreases with depth - 5% quartz - pink and white - 1% red granitoids - coarse sand to small pebblic size - sample becomes cleaner with depth</p>	01 02	81 1/2' 83'	83' 84 1/2'	
84 1/2'	STOP DRILL AT 84 1/2'				

KERR ADDISON MINES LIMITED


OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-85-162 LOCATION L152+50W, 10+25S DEPTH 87'

DATE STARTED JULY 21, 1985; 12:20 pm HOLE ELEVATION _____

DATE COMPLETED JULY 21, 1985; 1:40 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>ORGANICS - SILT : 0-2'</p> <p>INTERBEDDED CLAY - SILT : 2-92'</p> <ul style="list-style-type: none"> - clay is non-gritty, soft lumps - 2-15' - light grey clay changes colour to brown at 5' - 15-45' - interbedded clay and silt - clay is brown until 26' then it is light grey - 35' introduction of coarse sand - pebbles into silt (<1%) - 45-58' - silt, <1% coarse sand - 58-92' - grey clay 				
10					
20					
30					
40	<p>SANDY TILL : 92-85 1/2'</p> <p>Matrix (10 return) - fine grained, poly lithic sands 80-90% of return.</p> <p>Clasts (10 return) - 10-20% of return; coarse sand, rock fragments and small pebbles.</p> <ul style="list-style-type: none"> - Rock fragments > grains; grains are sub-angular to sub-round; till is poorly sorted. - Mafic / Felsic = 80%/20%; Mafic = Volcanics, 40%; Sedimentary, 40%. Felsic = Granitoids, 10-15%. Quartz, 1%. - 84 1/2 Cobble 				
50					
60					
70	<p>BEDROCK: SEDIMENTARY: 85 1/2 - 87' Argillite</p> <ul style="list-style-type: none"> - pearly grey to dark grey, faintly schistose, fine grained, appears like there is a darker lamination within light grey layers; non-carbonitized, hardness between 3-5. - 15-25' black, slaty cleavage, magnetic argillite. - Trace pyrite cubes in host and black argillite - 1% red, coarse sand sized granitoid 				
80		01	92'	85'	
		02	85'	85 1/2'	
		03	85 1/2'	87'	
90	<p>STOP DRILL AT 87'</p>				

KERR ADDISON MINES LIMITED




OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-85-163 LOCATION L 155+00 W, 9+50S DEPTH 99 1/2'

DATE STARTED JULY 21, 1985; 1:50 pm HOLE ELEVATION _____

DATE COMPLETED JULY 21, 1985; 3:30 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>INTERBEDDED CLAY WITH SILT-SAND: 0-92'</p> <ul style="list-style-type: none"> -0-5' - organics and light grey, non-gritty clay lumps -5-25' - light grey clay lumps -25-55' - Interbedded silt-sand (fine-coarse grained) with clay -35-45' - brown, non-gritty, soft clay, no +10 return in silt-sand layers -49 1/2 - 52 1/2 - fine-coarse sand horizon -55-65' - silt with small brown clay balls -65-92' - brown, soft, non-gritty clay lumps changing to light grey colour at 78' 				
92	<p>SANDY TILL / GRAVEL: 92-98'</p> <p>Matrix (+10 return) - fine-medium, polyolithic sand; increases in % and fineness after approximately 1' of till.</p> <p>Clasts (+10 return): Mafic / Felsic = 80% / 20%</p> <p>Mafic = Sedimentary and Volcanics</p> <p>Felsic = Granitoids</p> <ul style="list-style-type: none"> - grains are sub-angular to subround - till is poorly sorted 				
98	<p>BEDROCK: SEDIMENTARY: 98-99 1/2' Argillite</p> <ul style="list-style-type: none"> - charcoal grey, slaty cleavage, argillaceous hardness between 3-5, non-carbonitized - Trace pyrite in host - 5% - black, slaty cleavage, argillaceous chips - 1% granitoids (red), coarse sand size - impurities decrease with depth. - light grey alteration surface on host chips 				
99 1/2	<p>STOP DRILL AT 99 1/2'</p>				
99 1/2		01	92'	95'	
99 1/2		02	95'	98'	
99 1/2		03	98'	99 1/2'	

KERR ADDISON MINES LIMITED

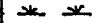
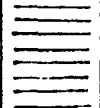

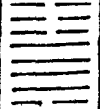


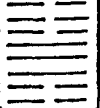
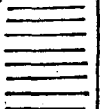
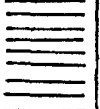
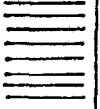
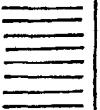

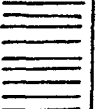
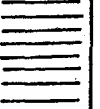
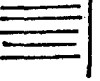

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-85-164 LOCATION L157+50W, 9+50S DEPTH 154 1/2'

DATE STARTED JULY 21, 1985; 3:40 pm HOLE ELEVATION _____

DATE COMPLETED JULY 21, 1985; 6:15 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	 <p>ORGANICS: 0-1'</p>				
1	 <p>INTERBEDDED CLAY-SILT: 1-45'</p> <ul style="list-style-type: none"> - clay is non-gritty, soft lumps - 1'-15' - Light gray clay - 15-45' - Light grey clay and silt layers - 25' introduction of ~1% coarse sand and pebbles 				
15					
20					
25					
30					
35					
40					
45	 <p>CLAY: 45-105'</p> <ul style="list-style-type: none"> - 45-55' - brown, hard, non-gritty clay balls (slow drill) - 55-105' - brown, non-gritty, soft clay lumps changing colour to grey at 73' 				
50					
55					
60					
65					
70					
75					
80					
85					
90					
95					
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALONGNY GEOLOGIST AMY NISHIO

HOLE NO MA-85-164 LOCATION L 157°50' W, 9+50S DEPTH 154 1/2'

DATE STARTED JULY 21, 1985; 3:40 pm HOLE ELEVATION _____

DATE COMPLETED JULY 21, 1985; 6:15 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'					
110'	<p><u>SAND: 105-116'</u></p> <ul style="list-style-type: none"> - moderately sorted, poly lithic, fine to coarse grained sand. - 110' return = coarse sand, occasional small pebble; 1% of return - 112' - increase of 110' return to 10% but 110' return decreases again almost immediately - gradation contact into Sandy Till 	01	114'	115'	
130'	<p><u>SANDY TILL?: 116-153'</u></p> <ul style="list-style-type: none"> Matrix (-10' return) = fine to medium grained, poly lithic sand; 50-70% of return Clast (110' return) = 30-50% of return; coarse sand, rock fragments and small pebbles Grains are sub-angular to sub-round Mafic / Felsic = 80%/20%; Mafic = Sedimentary (black, slaty cleavage, argillaceous), 50%; Volcanics (green), 30%. Felsic = Granitoids, 20-30% Quartz, <1%. - till is poorly sorted. - 116' - Cobble - Trace pyrite cubes - 132' - Boulder - small (3"), granitoid - white and black crystalline - 135' - Cobble; decrease of matrix, return appears coarser grained - possibly gravel? - 149 1/2', 150 1/2' - Cobble - from 116' return appears like gravel - abundant return - decrease matrix, -10' return is coarser grained - Rock Fragments > Grains, grains are sub-angular to sub-rounded 	02	115'	135'	
140'		03	135'	145'	
150'		04	145'	149'	
		05	149 1/2'	153'	
		06	153'	157 1/2'	
160'	<p><u>BEDROCK: SCHIST ? : 153-154 1/2'</u> <u>Andesite</u></p> <ul style="list-style-type: none"> - dove grey to dark grey, schistose, carbonitized; yellowish alteration; moderately hard (hardness between 3-5). - no visible pyrite - 10-15% black, slaty cleavage, argillaceous, magnetic sediment - 5% calcite veining - 1-5% red, coarse sand sized granitoids <p>STOP DRILL AT 154 1/2'</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - Alolgnv GEOLOGIST B. OTTON

HOLE NO MA-85-165 LOCATION L 157+50W, 5+75S DEPTH 115'

DATE STARTED July 21, 1985 7:40 pm HOLE ELEVATION _____

DATE COMPLETED July 21, 1985 8:35 pm

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
	CLAY: 0 - 114'				
	0-10' - stiff, grey, calcareous clay				
	- 1% grit				
10	10' - 114' - soft, grey clay				
	- 4% medium sand, 1/2% pebbles				
	40' - 1% sand				
20					
30					
40					
50					
60					
70					
80					
90					
100					

KERR ADDISON MINES LIMITED


OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-165 LOCATION L157+50 W, S+75 S DEPTH 115'

DATE STARTED July 21, 1985 7:40 pm HOLE ELEVATION _____

DATE COMPLETED July 21, 1985 8:35 pm

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100					
110					
	114' - 6" boulder, medium grey, fine grained - Bedrock material?				
		01	114.5	115	
120	BEDROCK: 114.5' - 115' Volcanic - medium grey, fine grained - massive texture - Carbonatized - 5% of rock is 1/8" veinlets of 90% quartz and 10% carbonate - 1% 1/4" calcite veinlet - soft, hardness is 3-4 - calcite veinlets are locally cross-cut by quartz veinlets - trace epidote as veinlets - trace fine, disseminated sulphides associated with localized blebs of quartz. - sediment				
	END OF HOLE 115'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST P. OTTON

HOLE NO MA-85-166 LOCATION L155+00W, 5+50 S DEPTH 179'

DATE STARTED July 21, 1985 9:00 pm HOLE ELEVATION _____

DATE COMPLETED July 21, 1985 11:20 pm

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	✱ ✱				
	ORGANIC: 0-5' - brown muck				
10	CLAY: 5'-114' 5'-114' - soft, grey clay, calcareous - 1% sand 30' - 4% sand 70' - 1% sand, clay not calcareous 111' - 70% well sorted sand, 30% clay				
20					
30	GRAVEL: 114'-141' - well sorted - 50% fine sand, 10% pebbles 40% clay assumed - clasts are 70% rounded - 30% granitoid, 45% volcanic, 20% sedimentary, 5% quartz 114'-116' - 1% fine pyrite in coarse agglomerates. - cobbles				
40					
50	120' - 20% granitoid, 55% volcanic, 10% sediment, 5% quartz 126' - light green volcanic boulder 1'				
60	127' - 30-40% fine sand, 10% pebbles, 50-60% clay assumed 136' - 3" grey cobble with 1% pyrite 137' - 6" grey clay seam				
70	TILL: ? 141'-174' - poorly sorted - 10-20% fine to medium sand, 5-10% pebbles 70-85% clay assumed. - 18% granitoid, 60% volcanic, 20% sedimentary 2% quartz - 5-10% rounded - cobbles				
80					
90	151' - 1' smooth, grey clay seam 154' - one dark green volcanic pebble with 10% fine disseminated pyrite 155' - 4" medium grey cobble with 7% pyrite 156' - clay ball, clay armouring 160' - 3% sulphides as grains 160'-174' - occasional dark grey pebble with 20% pyrite and good quartz veining				
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-166 LOCATION L 155+00 W, S+50 S DEPTH 179'

DATE STARTED July 21, 1985 9:00 pm HOLE ELEVATION _____

DATE COMPLETED July 21, 1985 11:20 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100					
110					
120		01	114	126	
130		02	126	135	
140		03	135	145	
150		04	145	155	
160		05	155	165	
170		06	165	174	
174-179'	<p>BEDROCK: 174'-179' Graphitic schist/wacke</p> <ul style="list-style-type: none"> - black - very fine grained - 10% of return near bedrock surface was as black clay lumps - 5-10% carbonate veinlets - host rock not carbonatized. - hardness of 4-5 - 20% irregular 1/4" veinlets of pink carbonate? and white quartz - 2% pyrite as coarse grains - 1% fine pyrite as coarse agglomerates - 1% fine pyrite disseminated in host. - sediment 	07	174	179	
180	S	08			fine portion of Sample 07

END OF HOLE 179'

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALDENY GEOLOGIST B. OTTON

HOLE NO MA-85-167 LOCATION L152+50 W, 6+00 S DEPTH 135'

DATE STARTED July 22, 1985 12:25 am HOLE ELEVATION _____

DATE COMPLETED July 22, 1985 3:45 am

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p><u>CLAY: 0-98'</u> 0-2' - soft, brown, calcareous clay 2'-98' - soft, grey, calcareous clay - 4% sand, 1/2% pebbles</p>				
10					
20					
30					
40					
50					
60					
70					
80					
90					
98	<p><u>GRAVEL: 98'-114'</u> - 20-30% fine to coarse sand, 5-10% pebbles, 60-85% clay - cobbles - 10-20% rounded clasts - 20% granitoid, 55% volcanic, 20% sedimentary, 5% quartz. - water table 99' - 1' sand seam 106' - 6" fine sand-silt seam 109' - 40% fine to coarse sand, 10-15% pebbles - 50% rounded clasts</p>				
100					
		01	98	105	

KERR ADDISON MINES LIMITED












OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-167 LOCATION L152+50 W, 6+00 S DEPTH 135'

DATE STARTED July 22, 1985 12:25 am HOLE ELEVATION _____

DATE COMPLETED July 22, 1985 3:45 am

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100	 <p>TILL: 114' - 133.5'</p> <ul style="list-style-type: none"> - reduced sample return - poorly sorted - 20% fine to coarse sand, 3% pebbles, 77% clay assumed, occasional clay balls - cobbles 	01	98	105	
110	 <p>115' - 117' - white and dark green cobble</p> <ul style="list-style-type: none"> - very hard 	02	105	115	
120	 <p>117' - 15% granitoid, 60% volcanic, 20% sedimentary, 5% quartz</p>	03	115	125	
	 <p>120' - 20-30% medium sand, 5-10% pebbles</p>				
	 <p>121' - 50% medium sand</p>				
	 <p>122' - 70% rounded clasts</p>	04	125	128	
130	 <p>122' - superpoly drilling mud added to the water</p>	05	128	133.5	
	 <p>125' - 10-20% medium sand, 10-15% pebbles</p>				
	 <p>127' - 3-5% iron formation pebbles</p>	06	133.5	135	
	 <p>130' - 2" iron formation cobble</p>				
140	 <p>BEDROCK: 133.5' - 135' Arenite</p> <ul style="list-style-type: none"> - fine grained - 5% bright green (fuchsite?) - 55% greyish green, 5% medium green - 30% yellowish green - 5% quartz veinlets up to 1/4" - medium hardness, hardness approx. 5 - no carbonates - no sulphides - silicified - very irregular, blobby colour pattern - 1-2% contamination from above. - altered volcanic? <p>END OF HOLE 135'</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-168 LOCATION L150+00 W, 600 S DEPTH 158'

DATE STARTED July 22, 1985 4:35 am HOLE ELEVATION _____

DATE COMPLETED July 22, 1985

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	↓				
	ORGANIC: 0-2' - brown muck				
10	CLAY: 2'-104' 2'-7' - stiff, blueish grey, calcareous clay 7'-104' - soft, grey, calcareous clay - 9% medium sand, 1/2% pebbles				
20					
30					
40					
50					
60					
70	TILL: 104'-156' - poorly sorted - 30% medium to coarse sand, 10% pebbles, 60% clay assumed - 25% granitoid, 50% volcanic, 20% sedimentary, 5% quartz - 20% rounded clasts - cobbles - 3% angular, iron formation pebbles				
80					
90	112' - 1' dark grey, finegrained, magnetic boulder 114' - well sorted medium sand 20-30%, 5% pebbles 116' - 156' - trace coarse pyrite 129' - 3" medium green volcanic cobble with 1-2% coarse pyrite				
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON / K. KRYKLYWY

HOLE NO MA-85-168 LOCATION L 150+00 W, 6+00 S DEPTH 158'

DATE STARTED July 22, 1985 4:35 am HOLE ELEVATION _____

DATE COMPLETED July 22, 1985

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100					
	149' - 6" boulder of yellowish green volcanic				
	152' - clay balls and clay armouring				
110	152' - 5" medium grey sedimentary cobble with 3% coarse pyrite	01	104'	115'	
120		02	115'	125'	
130		03	125'	135'	
140		04	135'	145'	
150		05	145'	149'	
		06	149'	154.5'	
		07	154.5'	156'	
		08	156'	158'	
160	<p>BEDROCK: 156' - 158' Arenite</p> <ul style="list-style-type: none"> - tale for 1" then fine grained, light grey schist - white quartz veins with carbonate along contact between quartz and host rock - 80% white quartz, 20% fine grained schist - some green mineral within quartz - 2% fine disseminated pyrite in quartz - 157.5' - more mottled appearance of 40% light and dark green minerals and 60% white quartz, calcareous along contact - now up to 5% Pyrite - moderately hard rock <p>END OF HOLE: 158'</p>				

KERR ADDISON MINES LIMITED

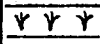
OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST BRIAN MILLER

HOLE NO MA-85-169 LOCATION L140+00W, 1+00N DEPTH 142.5'

DATE STARTED JULY 22, 1985; 12:10 PM HOLE ELEVATION -

DATE COMPLETED JULY 22, 1985; 2:30 PM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	 <p>MUSKEG: 0-2'</p>				
2					
10	<p>CLAY: 2-103'</p> <p>- grey, non-gritty, moderately stiff clay</p> <p>25-45': minor pebbles and silt</p> <p>55-65': 20% medium-grained sand</p>				
20					
30					
40					
50					
60					
70					
80					
90					
100					

KERR ADDISON MINES LIMITED



OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST BRIAN MILLER

HOLE NO MA-85-169 LOCATION L 140+00W, 1+00N DEPTH 142.5'

DATE STARTED JULY 22, 1985; 12:10 PM HOLE ELEVATION -

DATE COMPLETED JULY 22, 1985; 2:30 PM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100					
	SAND TILL: 103-140'				
	103': 50% pebbles, 50% sand, pebbles are 75% fine-grained (volcanic?), 20% granitoid, 5% other; pebbles are 80% subangular, 20% angular; very poor sorting.	01	103	115	
110	104': 20% pebbles, 80% sand; sand is fine-grained and brown in colour				
	116.5': cobbles				
120	120': 30% pebbles, 70% sand; pebbles are 50% volcanic, 30% granitoid, 10% quartz, 10% other; sand is medium-grained, brown, polyolithic	02	115	125	
	- equal amounts of subangular and angular pebbles				
	- poor sorting				
130	127': pebbles are now 80% volcanic, 15% granitoid, 5% other	03	125	135	
	132': 20% pebbles, 80% sand; pebbles are 95% volcanic, 5% other; 70% subangular, 30% angular; sand is medium-grained, brown, polyolithic; poor sorting.	04	135	140	
140		05	140	142.5	
	138': an increase in relative sand content to 90% sand, 10% pebbles; sand is medium-grained, brown, polyolithic; pebbles are of equal amounts of volcanic and granitoids, plus 5% other; 80% subangular, 20% angular; moderate sorting.				
150					
	BEDROCK: 140-142.5' Arenite or tuff				
160	- 55% light-green, fine-grained with a hardness of 3 to 4, slight laminae present, possibly chlorite				
	- 40% white mineral, hardness of about 6, possibly quartz				
170	- yellow alteration product occurs on green fraction, constitutes about 5% of total specimen				
	- possibly a chlorite schist				
180	END OF HOLE: 142.5'				
190					
200					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER /ALOIGNY GEOLOGIST KATHY KRYKLYWY

HOLE NO PA-85-170 LOCATION L142+50W, 1+75N DEPTH 160'

DATE STARTED July 22, 1985; 2:40 pm HOLE ELEVATION _____

DATE COMPLETED July 22, 1985; 5:10 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	v v <u>ORGANICS: 0-2'</u> <u>CLAY: 2' - 110'</u> - grey, moderately soft, calcareous - 10' becomes soft - 31' - 70' Poor Return - minor sand - fine material probably washing away				
10					
20					
30					
40					
50					
60					
70					
80					
90					
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER /ALOIGNY GEOLOGIST KATHY KRYKLYWY

HOLE NO MA-85-170 LOCATION L 142+50 W, 1+75 N DEPTH 160'

DATE STARTED July 22, 1985; 2:40 pm HOLE ELEVATION _____

DATE COMPLETED July 22, 1985; 5:10 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	<u>TILL: 110' - 157'</u>				
	- 50-70% fine grained sand, 30-50% pebbles/cobbles/boulders				
	- poorly sorted, < 5% rounded clasts				
110	- pebbles - 20% granitoids, 50-60% fine grained, medium green schist, 10-20% dark green schist, 5-10% sedimentary rock	01	110'	115'	
	- 114' - up to 20% rounded clasts				
120	- 132' - up to 95% fine grained sand, 5% pebbles	02	115'	125'	
	- 139' CLAY TILL				
	- 80% fine grained sand, 10% grey, gritty clay, 10% cobbles				
130	- 140' - 141' possible GRAVEL	03	125'	135'	
	- coarse grained sand ~75% and 20% small pebbles, 5% boulders				
	- moderately sorted				
140	- 141' back to good TILL	04	135'	145'	
	- 149' - increase in sediment return				
	- 152' - 154' BOULDER - light green, fine grained, calcareous schist with trace pyrite				
150		05	145'	155'	
	<u>BEDROCK: 157' - 160' Arenite</u>	06	155'	157'	
	- light green, fine grained				
	- moderately hard and becoming softer with depth	07	157'	160'	
160	- 159' - som soft, white veins with platy cleavage				
	- felsic volcanic?				
170					
	END OF HOLE: 160'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. Miller / B. OTTON

HOLE NO MA-85-171 LOCATION L 145+00 W, 2+00 N DEPTH 156'

DATE STARTED July 22, 1985 6:15 pm HOLE ELEVATION _____

DATE COMPLETED July 23, 1985 2:05 am

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	Y V Y				
	MUSKEG: 0-2'				
	CLAY: 2-110'				
	2-5': brown, non-gritty, moderately stiff clay				
10	5-110': grey, non-gritty, moderately stiff to soft clay.				
20					
30					
40					
50					
60					
70					
80					
90					
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-171 LOCATION L 145+00 W, 2+00 N DEPTH 156'

DATE STARTED July 22, 1985 6:15 pm HOLE ELEVATION _____

DATE COMPLETED July 23, 1985 2:05 am

DEPTH feet	GRAPHIC LOG		SAMPLE NO		FOOTAGE		ASSAY
			FROM	TO	FROM	TO	
100		TILL : - 154'					
		- poorly sorted					
		- 30% fine to coarse sand, 10% pebbles, 60% clay assumed					
110		- 30% granitoid, 40% volcanic, 25% sedimentary, 5% quartz					
		- 5-10% rounded clasts					
		- 1% coarse pyrite grains					
		- 1/2% iron formation pebbles, angular					
120		- 1% black and quartz pebbles with 30% pyrite	01	115	125		
		- cobbles					
		129' - 9" grey clay seam					
		133' - clay balls					
130		145' - clay armoring on pebbles	02	125	135		
		146' - 6" grey clay seam					
		147' - dark green, dioritic textured cobble with 3% pyrite					
		148' - 1' dark green volcanic boulder					
140		148'-154' - alluvion till ?	03	135	145		
		- 60% boulders					
		- varied lithologies					
150			04	145	154		
		BEDROCK: 154'-156' Arenite	05	154	156		
		- light to medium brownish grey, with 10% medium grey in 1/2" patches					
		- fine grained					
		- carbonatized host					
		- 1/8" calcite veinlets					
		- moderately hard, hardness 5-6					
		- weakly foliated					
		- trace dark grey mineral as individual grains					
		- sediment ?					
160		END OF HOLE 156'					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-172 LOCATION L 147+50W, 1+50N DEPTH 138'

DATE STARTED July 23, 1985 2:45 am HOLE ELEVATION _____

DATE COMPLETED July 23, 1985 4:25 am

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>CLAY: 0-110'</p> <p>0-2' - stiff, blueish grey clay</p> <p>2'-9' - stiff, brown clay</p> <p>9'-110' - soft, grey clay</p> <p> - 2% sand, 1/2% pebbles</p> <p>35'- - 1% sand, 0% pebbles</p>				
10					
20					
30					
40					
50					
60					
70					
80					
90					
100					
110					
120					
130					
138					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-172 LOCATION L147+50W, 1+50N DEPTH 138'

DATE STARTED July 23, 1985 HOLE ELEVATION _____

DATE COMPLETED July 23, 1985

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
110	<p>TILL: 110' - 135.5'</p> <p>110'-115' - moderately sorted - 40% sand, 10% pebbles - large amount of sample</p> <p>115' - 135.5' - poorly sorted - 20-30% sand, 5% pebbles - 50% granitoid, 30% volcanic, 15% sedimentary, 5% quartz - 10% rounded clasts - clay armouring on pebbles - normal amount of sample</p>	01	110	115	
120	<p>116' - 9" white granite boulder</p> <p>120'-123' poorly sorted - 90% medium sand, 10% pebbles - 50% rounded - 1% iron formation pebbles - trace rhyolite with 15% pyrite</p>	02	115	125	
130	<p>125'-128' - large amount of sample</p> <p>135' - 4" gray clay seam - clay armouring on pebbles</p>	03	125	135.5	
140	<p>BEDROCK: 135.5' - 138' Basalt (possible diorite) - medium green, medium grained - dioritic texture - not carbonatized - 1/8" calcite veinlets - 2% - hard, hardness of 6 - trace medium grained pyrite - Volcanic</p>	04	135.5	138	
	<p>END OF HOLE 138'</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON / AMY NISHIO

HOLE NO MA-85-173 LOCATION L150+00W, 6+25N DEPTH 160'

DATE STARTED July 23, 1985 5:10 pm HOLE ELEVATION _____

DATE COMPLETED July 23, 1985 9:30 am

DEPTH feet 0	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	<p>✕ ✕ ORGANICS: 0-3'</p> <p>- brown muck</p>				
10	<p>CLAY: 3'-100'</p> <p>3'-5' - stiff, blueish grey clay</p> <p>5'-16' - soft, brown clay</p> <p>16'-100' - soft, grey clay</p> <p>- 2% medium to coarse sand</p>				
20	<p>80' - 50% silt</p>				
30	<p>GRAVEL: 100'-119'</p> <p>- 40% medium to coarse sand, 20% pebbles, 40% clay assumed.</p> <p>- 30% rounded clasts</p> <p>- 45% granitoid, 25% volcanic 15% sedimentary, 5% quartz</p>				
40	<p>104' - 20% sand, 10% pebbles</p> <p>106'-107' - 80% silt, 20% pebbles</p>				
	<p>115' - 100% silt seam, 1' thick</p> <p>116'-119' - grey clay seam, 5% grit</p>				
50	<p>TILL: 119'-135'</p> <p>- poorly sorted</p> <p>- 30% fine to medium sand, 10% pebbles, 60% clay assumed</p> <p>- cobbley</p> <p>- clay balls</p>				
60	<p>130' - bouldery</p> <p>131' - Volcanic Boulder</p> <p>133-135': Cobbley Horizon - Sedimentary (dark grey, slaty cleavage, argillite)</p> <p>- Granitoid (granite)</p> <p>- Sedimentary</p>				
70	<p>- 135' Gravel - coarsening downward sequence of the -10 return. Fine-medium grained polylitic sand gradually gets coarser until +10 return = 50%; moderately well sorted. Grains are sub-angular to sub-rounded. Volcanics (50%); Granitoids (20%); Sedimentary (black, slaty cleavage argillite) (30%).</p> <p>- abundant return.</p>				
80	<p>- 136-137' : Cobbley</p> <p>- 139' : 149' : Sandy Till</p> <p>- 143-145' : Cobbley</p> <p>- Sedimentary (145 1/2')</p>				
90	<p>- 149' : Sandy Horizon - +10 return = 10%; fine-medium grained, polylitic sand = 90%; moderately well sorted sand</p>				
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON / AMY NISHIO

HOLE NO MA-85-173 LOCATION L150+00 W, 6+25 N DEPTH 160'

DATE STARTED July 23, 1985 5:10 am HOLE ELEVATION _____

DATE COMPLETED July 23, 1985 9:30 am

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100	149-153' : increased coarsening to moderately sorted Gravel, then alter to a Till composition (70% Matrix of fine sand)	01	100	105	
110	153' : Cobbley 155' : Fine sand - silt horizon	02	105	115	
120	135-159' : Horizons of fining and coarsening of return	03	115	125	
130		04	125	135	
140		05	135	139	
150		06	139	145	
		07	145	155	
	<u>BEDROCK: CHLORITE SCHIST?: 159-160' (Andesite)</u>	08	155	159	
160	<ul style="list-style-type: none"> - olive green, slightly schistose, non-carbonitized, hardness between 3-5; grainy texture - mafic grains visible with naked eye. - yellowish-white alteration - 30% - Black, slaty cleavage, strongly magnetic argillite; minor rust coloured staining on chips - 10% - Red and white, coarse sand - small pebble size granitoid - 1% - Quartz - Trace pyrite cubes 	09	159	160	
	STOP DRILL AT 160'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALDIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-85-174 LOCATION L 147+50W, G+50N DEPTH 177'

DATE STARTED JULY 23, 1985; 9:35 am HOLE ELEVATION _____

DATE COMPLETED JULY 23, 1985; 3:30 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p><u>ORGANICS - SILT - CLAY: 0-5'</u> - clay is light grey, non-gritty, hard lumps</p> <p><u>CLAY: 5-114 1/2'</u> 5-10': brown, non-gritty, soft clay lumps; at 15'-40' introduction of <1% coarse sand to pebble 40-52': brown, non-gritty, soft clay lumps with silt, no +10 return; introduction of 10% coarse sand at 45' 52-114 1/2': brown, non-gritty, soft clay lumps</p>				
10'					
20'					
30'					
40'	<p><u>BOULDER SANDY TILL - CLAY TILL: 114 1/2 - 174 1/2'</u></p> <p><u>SANDY TILL:</u> Matrix (-10 return): fine to medium grained, poly lithic sand; 70% of the return. Clasts (+10 return): 30% of the return; +10 rock fragments, small pebbles and coarse sand. Rock Fragments > Grains; grains are sub-angular to sub-rounded definite composition sorting due to boulder and cobbly horizons. Mafic / Felsic = 80%/20%; Mafic = Sedimentary (black, slaty cleavage, argillaceous), 40%; Volcanics (green, fine grained), 40%. Felsic = Granitoids (10-20%). Quartz (1%) - Till is poorly sorted; till has horizons of fining and coarsening of the return</p>				
50'					
60'					
70'	<p><u>CLAY TILL:</u> - generally accompanied by a decrease of coarseness and abundance of +10 return. - strong tendency towards compositional sorting of +10 return; black, slaty cleavage argillitic and clay balls. - clay balls - grey, gritty, soft balls - 5-15% of +10 return Matrix (-10 return): fine-medium grained sand, poly lithic; 75% of return Clasts (+10 return): 10% coarse grained sand; 5-15% clay balls</p>				
80'					
90'					
100'	<p>- 114 1/2 - 118': Sandy Till - 118' - 119 1/2': Boulder = Granitoid - black and white mottled, medium grained crystalline - 26% black, fine grained. 1) slaty cleavage, magnetic 2) slightly laminated, non-magnetic</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-25-174 LOCATION L147+50 W, 6+50N DEPTH 177'

DATE STARTED JULY 23, 1985; 9:35 am HOLE ELEVATION _____

DATE COMPLETED JULY 23, 1985; 3:30 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'	- <1% Quartz and red granitoids				
	- 119 1/2 - 122': Cobble Sandy Till - predominately green, fine grained volcanic				
	- 122 - 129': Clay Till				
110'	- 122 1/2': Volcanic Boulder (1 1/2') - army green, non-carbonitized, finely laminated, tight green alteration; 20% black, slaty cleavage argillite				
	- 129': Volcanic Boulder (2') - army green, finely laminated, grainy texture, strongly carbonitized	01	114 1/2'	12	
120'	- 129 - 33': Sandy Till				
	- 133': Volcanic? Boulder (6") - light green, carbonitized; fine grained; 30% black slaty cleavage, strongly magnetic argillite; Quartz veining, increasing amount with depth.	02	125'	133'	
130'	- 133 1/2' - Granite Cobble	03	133'	135'	
	- 134 - 135' - Sandy Till fining downward to moderately sorted Sand Horizon (<10% coarse sand).	04	135'	137'	
140'	- 135' - Boulder (3") - black, slaty cleavage argillite	05	137'	142'	
	- 138' - Boulder - same as 135'	06	142'	145'	
	- 139 - 147 1/2' - Clay Till - horizons of increased clay in 110 return (140', 147')				
150'	- 142 1/2' - Granite Cobble	07	145'	155'	
	- 146 1/2' - dark greenish-grey, slaty cleavage, non-carbonitized, hardness between 3 to 5 : Boulder				
	- 147 1/2' - 158 1/2': Sandy Till				
160'	- 150': Volcanic Cobble	08	155'	165'	
	- 153 - 154 1/2': Boulder (1 1/2') - dark green, medium grained, finely laminated slightly carbonitized, grainy texture hardness between 2-5; lighter green alteration; 5% black, slaty cleavage, magnetic argillite; 1% Quartz; 1% red granitoids	09	165'	174 1/2'	
170'	- Cobble - Granite (154 1/2'), Sedimentary (155')	10	174 1/2'	177'	
180'	- 157 - 165': Clay fill - cobble horizon : Granitoid (158') Granite (159'), Sedimentary (160')				
	- 165 - 174 1/2': Sandy Till - cobble horizon : Granitoid, green volcanic (165 1/2'); 171'; 173'; 174'.				
	BEDROCK: SEDIMENTARY : 174 1/2' - 177' Argillite				
	- light grey, slaty cleavage, slightly carbonitized, pearly luster, hardness between 3-5, fine grained				
	- whitish alteration, yellowish alteration on some edges at 1' depth.				
	- 10-15% black, magnetic, slaty cleavage argillite				
	- 5% green volcanic?				
	- 1% carbonate veining				
	- 1% red granitoids, coarse sand size				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-85-175 LOCATION L 145+00W, 6+75N DEPTH 160 1/2'

DATE STARTED JULY 23, 1985; 3:40pm HOLE ELEVATION _____

DATE COMPLETED JULY 23, 1985; 6:30pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>No RETURN: 0-1'</p> <p>ORGANICS-SILT: 1-3'</p> <p>CLAY: 3-107'</p> <p>- clay is brown, non-gritty, soft lumps</p> <p>- 3-25': clay and <1% coarse sand</p> <p>- 25-45': clay and silt, <1% coarse sand.</p> <p>- 45-105': clay</p>				
30	<p><u>COBBLY SANDY TILL - CLAY TILL: 107- 158 1/2'</u></p> <p><u>SANDY TILL:</u></p> <p>Matrix (-10 return): fine to medium grained, polythic sand; 60-75% of return.</p> <p>Clasts (+10 return): 25-40% of return; coarse sand, pebbles, rock fragments = +10</p> <p>Rock Fragments > Grains, grains are sub-angular to sub-round</p> <p>Mafic /Felsic = 80% /20%. Mafics = Volcanics (50%); Sedimentary (30%). Felsics = Granitoids (20%). Quartz <1%.</p> <p>- till is poorly sorted; gradational fining and coarsening common.</p>				
60	<p><u>CLAY TILL:</u></p> <p>Matrix (-10 return) = fine to medium grained, polythic sand; ~80% of return.</p> <p>Clasts (+10 return): 5% coarse sand</p> <p>- 1-10% light grey, gritty clay balls</p> <p>- occasional clay horizons where % increases to ~90% of the return.</p> <p>- moderately well sorted sand</p>				
70	<p>-107-114': Sandy Till</p> <p>- cobbly at 114'</p>				
90	<p>-114-132': Clay Till</p> <p>- 122 1/2' : Cobbly</p> <p>- 123' : 1% clay balls</p> <p>- 123 1/2' : Volcanic green boulder (3")</p> <p>- 123 1/2-124': Sedimentary Cobble - black fine grained, laminated and light greyish-green, slaty cleavage, argillite</p> <p>- 125' - small Granitoid Boulder (2")</p> <p>- 126' - gradual coarsening of Sandy Horizon; 1% coarse sand and 20% clay balls in +10 return.</p>				
100	<p>- 126 1/2' - cobbly</p> <p>- 127' - Fining of Clay Till - <5% coarse sand and clay balls; 95% fine to medium grained sand</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALBOURN GEOLOGIST AMY NISHIO

HOLE NO MA-85-175 LOCATION L145+00W, 4+75N DEPTH 160 1/2'

DATE STARTED JULY 23, 1985; 3:40 pm HOLE ELEVATION _____

DATE COMPLETED JULY 23, 1985; 6:30 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'					
	-128 1/2' - Sedimentary Cobble - light grey, finely laminated, argillite				
	-132' : Moderately sorted sand; +10 return = 90% clay balls				
110'	- 132-141' : Sandy Till	01	107'	115'	
	-133' : coarsens sandy horizon to till				
	-134 1/2' : Volcanic cobbly - olive green, medium grained.				
	-135' : cobbly				
120'	-137 1/2' : Volcanic Boulder - light green, grainy texture	02	115'	125'	
	-140' : Cobbly				
	-141-158 1/2' : Clay till				
	-141 1/2' : cobbly	03	125'	135'	
130'	-142' : Sedimentary Cobble - black, slaty cleavage, argillaceous, magnetic				
	-144' : Volcanic Cobble				
	-145' : Volcanic cobble.				
	-148' : Sedimentary cobble - light grey				
140'	-150' : Cobble - chert-like, white, conchoidal fractures.	04	135'	145'	
	-155' : +10 return = 40% clay balls				
	-155' : Cobbly - granite				
	-156' : Cobbly - volcanic	05	145'	155'	
150'					
	BEDROCK: SEDIMENTARY: 158 1/2' - 160 1/2' Argillite	06	155'	158 1/2'	
160'	- dark grey, finely laminated, fine grained, hard (≈ 5).	07	158 1/2'	160 1/2'	
	- 15% Pyrite - disseminated and cubic forms in host chip and free chips				
	- 5% Red granitoids, green volcanics; coarse sand size				
	- 1% Quartz				
170'					
	STOP DRILL AT 160 1/2'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD
 HOLE NO MA-85-176 LOCATION L142+50W, 5175 N DEPTH 159'
 DATE STARTED July 23, 1985; 7:30 pm HOLE ELEVATION _____
 DATE COMPLETED July 23, 1985; 9:40 pm

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
0-2'	<u>ORGANICS</u> : 0-2' : dark brown peat, muck				
2-93'	<u>CLAY</u> : 2'-93' : 2'-60' : soft, grey, calcareous : 15% silt, fine sand : <1% angular, poly lithic pebbles : 60'-93' : pure, grey, calcareous				
93-107'	<u>GRAVEL</u> : 93'-107' : stratified : 93'-95' - coarse sand matrix : 95'-98' - silty-fine sand matrix : 98'-105' - coarse sand matrix : 105'-107' - silty-fine sand matrix : moderately well sorted : 60-80% fine to coarse sand : 20-40% pebbles, cobbles : 30-40% grey, finely laminated, fine grained sediments : 30-50% green, aphanitic volcanics with trace pyrite : 15% granitoids : 5% megacrysts, black, very fine grained, finely laminated argillite. : clasts : sub rounded				
100		01	93'	105'	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONT GOLFIER-ALOIGNY GEOLOGIST DOON FORD

HOLE NO MA-BS-176 LOCATION L142+50W, 5775 N DEPTH 159'

DATE STARTED July 23, 1985; 7:30 pm HOLE ELEVATION _____

DATE COMPLETED July 23, 1985; 9:40 pm

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100					
110	<p>SAND TILL: 107' - 156.5' : poorly sorted : 20-30% pebbles : 50-60% sand : 10% silt.</p> <p>clasts: subangular : 30-40% grey, laminated, fine grained, sediments : 30-50% green, aphanitic volcanics : 15% granitoids : 5% magnetic, black, very fine grained, finely laminated argillite</p>	02	105'	115'	
120		03	115'	125'	
130		04	125'	135'	
140	<p>BOULDERS 114' : green, very fine grained, slightly carbonatized andesite with trace, finely disseminated pyrite, 1% carbonate veinlets (1')</p> <p>130' : as at 114', but with 10% carbonate veining (1')</p> <p>136' : as at 114', but without carbonate veining (1')</p> <p>155' : black, very fine grained, finely foliated sediment (graphite) (1')</p>	05	135'	145'	
150		06	145'	155'	
		07	155'	156'	
160	<p>BE Brock: 156.5' - 159' Tuff : green, aphanitic andesite with trace disseminated pyrite, 5% quartz-carbonate veinlets : moderately carbonatized.</p> <p>: END OF HOLE at 159'</p>	08	156'	159'	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montgolfier-Alouigny Q-30 GEOLOGIST B. Gray

HOLE NO MA-85-177 LOCATION 145⁺00 W / 17⁺00 S DEPTH 65'

DATE STARTED July 23 / Night Shift 12:15 am HOLE ELEVATION _____

DATE COMPLETED July 23 / 85 1:10 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0-3	Organics				
	<u>Lacustrine Sediments 3-61</u>				
3-13	Lumpy grey calcareous clay - slightly gritty				
13-18	Grey silt and clay, 2% polyhedral dropstone (c. sand + small pebbles)				
18-61	fine sand with 25% medium grain sand - minor interbedded clay				
	<u>Bedrock 61' Arenite</u>				
20	Fine to medium grain, olive green with 10% yellowy green chips (alt?). finely laminated and moderately soft/hard. Note ~ 40% rounded (qtz?) clasts (< 1/2 mm) in very fine grain (siliceous?) matrix. Not carbonatized				
30	Tr Py, Tr th. kochite. 3% qtz chips. BR: Sediment				
40					
50					
60					
	<u>End of Hole 65'</u>				
	<u>S</u>	01	61	65	
70					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-178 LOCATION L147+50W, 17+00S DEPTH 75'

DATE STARTED July 24, 1985; 1:30 am HOLE ELEVATION _____

DATE COMPLETED July 24, 1985; 2:00 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
0-2	<u>ORGANICS</u> : 0'-2' : dark brown peat, muck				
2-69	<u>CLAY</u> : 2'-69' : 2'-55' : soft, grey, calcareous : 5-10% silt, fine sand : <1% angular, poly lithic pebbles : 55'-69' : clean, soft, grey, calcareous				
69-72	<u>SAND TILL</u> : 69'-72' : poorly sorted : 60-70% sand : 10% silt : 20-30% pebbles : sub angular : 40% grey, very fine grained sediments : 35% green, aphanitic volcanics : 15% granitoids				
72-75	<u>BEDROCK</u> : 72'-75' Arenite : fine grained, grey-green, sheared andesite : trace disseminated pyrite. : 5% quartz veins : yellow-green alteration veinlets. : soft, fractured.				
75	END OF HOLE at 75'				
70		01	69'	72'	
72		02	72'	75'	
80					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montgolfier - Aloigny Q-30 GEOLOGIST B. Gray

HOLE NO MA-85-179 LOCATION 150⁺00 W / 17⁰⁰S DEPTH 135'

DATE STARTED July 23 Night Shift 2:30am HOLE ELEVATION _____

DATE COMPLETED July 23/85 3:45am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	<p>✓ ✓ 0-2 Organics</p> <p>Lacustrine Sediments 2-129 1/2'</p>				
	<p>2-30 Grey, lumpy, calcareous, slightly gritty clay. (Brown for 1st 10') 17% polybitic dropstone</p>	N/S ↓			
10	<p>30-56 Grey silt and fine sand with 20% medium grain sand and 2% dropstone</p>				
	<p>56-115 Wet grey clay with interbedded silt after 66'</p>				
	<p>114' Gravelly horizon 2"</p>				
	<p>117' Gravelly horizon 2"</p>				
20	<p>115-129 1/2 Fine sands with 30% medium grain sand</p>				
	<p>125 Gravelly horizon 2"</p>				
	<p>Bedrock 129 1/2' Subgraphitic schist/wacke</p>				
30	<p>20% grey, 50% rusty brown, 15% yellow, 15% black rk chips. Rk is soft, fine grain, finely laminated, dull lustre. Trace Pyrite. (Subgraphitic)</p>				
	<p>Rk is less graphitic after 131'. After 134'</p>				
	<p>to return to 20% rusty chips, 50% grey chips, 15% black, 15% light grey chips. Laminations are more apparent.</p>				
40	<p>BK = Sediment : Subgraphitic.</p>				
	<p>End of Hole 135'</p>				
50					
60					
70					
80					
90					
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Q-30 GEOLOGIST Gray

HOLE NO HA-85-179 LOCATION 150⁺00 W / 17⁺00 S DEPTH 135'

DATE STARTED _____ HOLE ELEVATION _____

DATE COMPLETED _____

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
110					
120		01	115	129 1/2	
130		02	129 1/2	134	
140		03	134	135	

Assay - 10 #110 together

#110 only
#110 only

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONT GOLFIER - ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-BS-180 LOCATION L 15Z+50W, 17+00S DEPTH 97'

DATE STARTED July 24, 1985; 4:00am HOLE ELEVATION _____

DATE COMPLETED July 24, 1985; 4:45 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
0-2'	<u>ORGANICS</u> : 0'-2' : dark brown peat, muck				
2-94'	<u>CLAY</u> : 2'-94' : 2'-65': soft, grey, calcareous : 10% silt, fine sand : <1% angular, poly lithic pebbles : 65'-94': clean clay no silt/pebbles : 94': thin veneer (0.3") of gravel				
94'-97'	<u>BEDROCK</u> : 94'-97' Arenite : fine grained, grey, finely foliated sediment. : banded: light grey/dark grey : yellow-green alteration zones. : slightly carbonatized : 2-3% fine pyrite concentrated near the alteration. : 1% quartz veinlets (1/8")				
97'	END OF HOLE AT 97'				
94'		01	94'	97'	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montgomerie - Alouiny GEOLOGIST R. Gray

HOLE NO MA-85-181 LOCATION 152+50W/21+80S DEPTH 59'

DATE STARTED July 23 Night Shift 5:15 am HOLE ELEVATION _____

DATE COMPLETED July 23 /85 5:45 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0-1	Organics				
1-53	Lacustrine Sediments 1-53 Grey, lumpy, slightly gritty calcareous clay (Brown up to 4') 2% polyolithic dropstone. Interbedded silt and fine sand				
45-53	Wet grey clay				
53-56	Sand and Pebble Till 53-56 Unsorted Return = 90/10 -10/10 -10 = fine sand with 30% medium sand +10 = coarse sand with 5% small pebble size clast. Chips and grains in equal proportions. Grains tend to be angular to subangular				
56-57 3/4	Bedrock 56' Basalt Clay grass green, fine grain, moderately hard, non carbonated, slightly schistose it with 3-5% carbonate patches + fracture fill and Tr. Py. Note 10% lighter green chips in +10 BR = ?				
57 3/4	End of Hole = 59'	01	53	56	
59		02	56	59	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-182 LOCATION L 150+00 W, 22+00 S DEPTH 91'

DATE STARTED July 24, 1985; 7:10 am HOLE ELEVATION _____

DATE COMPLETED July 24, 1985; 8:45 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p><u>ORGANICS</u>: 0-12' : dark brown peat, muck</p>				
10	<p><u>CLAY</u>: 12'-58' : soft, grey, calcareous : 10-15% silt, fine sand : 1-1% subangular, poly lithic pebbles : 45' 2' granitoid boulder</p>				
20					
30	<p><u>SAND</u>: 58'-63' : fine grained, well sorted</p>				
40	<p><u>TILL</u>: 63' - 89.5' : 70-90% sand, 10-30% pebbles : sand - fine grained : poorly sorted, 20% rounded pebbles : 20-30% granitoids, 30-50% fine grained, medium green volcanic rock, 5-10% sediments, 5% Pyrite : 72' CLAY TILL : 5-20% gritty clay, 45-70% sand, 20-50% pebbles/cobbles/boulders : bouldery till with fine grained sand/silt matrix and minor clay</p>				
50					
60					
70	<p><u>BEDROCK</u>: 89.5' - 91' Basalt : dark green, fine grained : very calcareous : chloritized, 10% soft flakey-green : 2% carbonate veins - 1 mm wide : calcareous chlorite schist:</p>	01	65'	75'	
80		02	75'	85'	
90	<p>END OF HOLE: 91'</p>	03	85'	89.5'	
		04	89.5'	91'	
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST BRIAN MILLER

HOLE NO MA-85-183 LOCATION L 147+50W, 20+00S DEPTH 176.5'

DATE STARTED JULY 24, 1985; 9:20AM HOLE ELEVATION -

DATE COMPLETED JULY 24, 1985; 1:30PM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>Y Y Y</p> <p><u>MUSKEG: 0-2'</u></p> <p><u>CLAY: 2-60'</u> 2-5': brown, non-gritty, moderately stiff clay 5-30': grey, non-gritty, moderately stiff clay 30-33': introduction of about 10% sand 33-55': grey, non-gritty, soft clay. 55-60': introduction of about 20% sand</p>				
60	<p><u>SAND : 60-85'</u> - 90% sand, 10% pebbles - sand is coarse-grained, brown, poly-lithic - pebbles are 80% fine-grained (volcanic?) 15% granitoid, 5% other - moderate sorting - pebbles are 70% subangular, 30% angular</p>	01	60	65	
70		02	65	75	
80		03	75	85	
85	<p><u>CLAY: 85-87'</u> - poor return, clay assumed</p>				
87	<p><u>SAND TILL: 87-169'</u> 87-92.5': 70% sand, 30% pebbles; sand is medium-grained, brown, poly-lithic, pebbles are 80% volcanic, 15% granitoid, 5% other, pebbles are 60% subangular, 40% angular 92.5-97: increase in sand to 85%,</p>	04	85	95	
95		05	95	105	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST BRIAN MILLER

HOLE NO MA-85-183 LOCATION L147+50W, 20+00S DEPTH 176.5'

DATE STARTED JULY 24, 1985; 9:20 AM HOLE ELEVATION -

DATE COMPLETED JULY 24, 1985; 1:30 PM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100	<p>volcanic pebbles react to acid 108': pebbles are more rounded than previous - 40% subrounded, 40% sub-angular, 20% angular 114': 1% disseminated pyrite, poorly formed cubes up to 7mm diameter 114.5-115': medium-grained sand lens 118': increase in sand to 95% 126': 95% sand, 5% pebbles, sand is coarse-grained to medium-grained, brown, polyolithic; pebbles are 80% volcanic, 20% granitoid.</p>	05	95	105	
110		06	105	115	
120		07	115	125	
130		08	125	135	
140		09	135	145	
150		10	145	155	
160		11	155	165	
170		12	165	175	
180		13	175	176.5	
190					
200					

153-160': 90% sand, 10% pebbles; sand is medium-grained, brown, polyolithic, pebbles are 80% to 90% volcanic, 5% to 10% granitoid, about 5% other; pebbles are calcareous; 1% to 2% disseminated pyrite in 1mm to 5mm diameter cubes and irregular grains

CLAY: 169-172.5'
 - grey, non-gritty, moderately stiff clay with minor sand and pebbles

SAND TILL: 172.5-173.5'
 - 90% sand, 10% pebbles; sand is coarse-grained to medium-grained, brown, polyolithic; pebbles are 80% to 85% volcanic, 5% granitoid, 5% quartz, 5% other

173.5-174.5': black and white medium-grained boulder

BEDROCK: 174.5-176.5' Basalt (Andesite) or Sediment
 - three components in specimen include 50% medium green fine-grained chips, 40% yellow, soft, "clay-like" balls, 10%

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST BRIAN MILLER

HOLE NO MA-85-183 LOCATION L147+50W, 20+00S DEPTH 176.5'

DATE STARTED JULY 24, 1985; 9:20 AM HOLE ELEVATION -

DATE COMPLETED JULY 24, 1985; 1:30 PM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	dark grey-green fine-grained chips, -calcareous -possibly banded -possibly a schist (talc-chlorite)				
	END OF HOLE: 176.5'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER/ALOIGNY GEOLOGIST KATHY KRYKLYWY
 HOLE NO MA-85-184 LOCATION L145+00W, 22+00S DEPTH 137.5'
 DATE STARTED July 24, 1985; 2:15 pm HOLE ELEVATION _____
 DATE COMPLETED July 24, 1985; 4:50 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY		
			FROM	TO			
0	<p><u>CLAY : 0 - 69'</u></p> <ul style="list-style-type: none"> 0-2' - organics and dark grey clay 2' - light brown, moderately stiff 8' - becomes very soft, grey, calcareous 20'-35' - <1% pebbles and minor sand interbedded in clay 						
10							
20							
30							
40							
50							
60		<p><u>TILL : 69' - 77'</u></p> <ul style="list-style-type: none"> 50-70% sand, 30-50% pebbles poorly sorted, 5% rounded clasts sand - fine grained pebbles - 20% mafic volcanic rock, 20-30% granitoids, ~30% fine grained, light green volcanic rock, 10-20% graphitic schist, <10% sedimentary rock 					
70			01	69'	75'		
80			<p><u>SAND : 77' - 99'</u></p> <ul style="list-style-type: none"> 90-95% fine grained sand 81'-86' - coarse grained sand and small pebbles, well sorted 86' - back to fine to medium grained sand with <5% pebbles 93' - 97' coarse grained sand 97'-99' - medium grained sand 	02	75'	85'	
90				03	85'	95'	
100		04	95'	105'			

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER /ALOIGNY GEOLOGIST KATHY KRYKLYWY

HOLE NO MA-85-184 LOCATION L145+00W, 22+00S DEPTH 137.5'

DATE STARTED July 24, 1985; 2:15pm HOLE ELEVATION _____

DATE COMPLETED July 24, 1985; 4:50pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	<u>TILL: 99' - 135.5'</u>	04	95'	105'	
110	<ul style="list-style-type: none"> - poorly sorted, 5% rounded clasts - 50% sand, 50% pebbles - pebbles are approximately the same lithology as before - some medium grained sand matrix sections - very cobbly - 107'-107.5' 80% cobbles - 113'-116' CLAY TILL - 80% fine grained sand/silt, 10% gritty clay, 10% pebbles - 116' - back to ~50% sand, ~50% pebbles - some clay coating on pebbles - 10% rounded clasts 	05	105'	115'	
120		06	115'	125'	
130	<u>BEDROCK: 135.5' - 137.5' Basalt (Andesite)</u> <ul style="list-style-type: none"> - medium grained, light and dark green, calcareous, mottled, schistose - moderately hard - 136.5' carbonate veins 1cm wide - 30% white carbonate, 30% / green mineral chlorite?, 30% dark green mineral - by 137' - lose light green mineral - appears more graphitic with 5% chlorite flakes 	07	125'	135.5'	
140		08	135.5'	137.5'	
	END OF HOLE: 137.5'				

KERR ADDISON MINES LIMITED



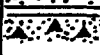
OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST BRIAN MILLER/DON FORD

HOLE NO MA-85-185 LOCATION L 142+50W, 23+50S DEPTH 119'

DATE STARTED JULY 24, 1985; 5:25 PM HOLE ELEVATION -

DATE COMPLETED JULY 24, 1985; 8:45 PM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	 <p>MUSKEG: 0-2'</p>				
10	<p>CLAY: 2-85'</p> <p>2-5': brown, non-gritty, moderately stiff clay</p> <p>5-85': grey, non-gritty, moderately stiff clay</p>				
20					
30					
40					
50					
60					
70					
80	<p>SAND: 85-97'</p> <p>-fine-grained, brown colour, polyolithic</p>				
90	 <p>CLAY: 97-98'</p> <p>-grey, non-gritty clay with minor silt</p>				
100	 <p>SAND TILL: 98-116.5'</p> <p>-75% sand, 25% pebbles</p>	01	95	105	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST BRIAN MILLER/DON FORD

HOLE NO MA-85-185 LOCATION L 142 +50W, 23+50S DEPTH 119'

DATE STARTED JULY 24, 1985; 5:25 PM HOLE ELEVATION -

DATE COMPLETED JULY 24, 1985; 8:45 PM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100	<p>- sand is medium-grained, brown, poly lithic - pebbles are 90% fine-grained (volcanic?), 10% granitoid; pebbles are 80% subangular, 20% angular; calcareous - moderate sorting - 2% disseminated pyrite in irregularly shaped grains from a fraction of a mm to 5 mm diameter 106': 50% sand, 50% pebbles, decrease in relative amount of sand has occurred; pebbles are 60% subrounded, 40% subangular, calcareous.</p> <p><u>BEDROCK: 116.5' - 119' Andesite</u> : grey-green, fine grained, finely foliated andesite : 2-3% disseminated, fine cubes : 20% quartz-carbonate veinlets (1/4") : 2-3% dark green bands</p> <p>END OF HOLE AT 119'</p>	01	95	105	
110		02	105	115	
120		03	115	116.5	
		04	116.5	119	
130					
140					
150					
160					
170					
180					
190					
200					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-186 LOCATION L140+20W, 23+50S DEPTH 111'

DATE STARTED July 24, 1985; 9:15 pm HOLE ELEVATION _____

DATE COMPLETED July 24, 1985; 10:30 pm

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
10					
20					
30					
40					
50					
60					
70					
80					
90					
100					

CLAY : 0-95'
 : soft, grey, calcareous
 : 0-65' : 10% silt, fine sand
 : <1% angular, poly lithic
 pebbles
 : 65-95' : 100% clay

SILT : 95-107'
 : grey, calcareous
 : 60% silt / 40% clay

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-186 LOCATION L140+20W/23+50S DEPTH 111'

DATE STARTED July 24, 1985; 9:15 pm HOLE ELEVATION _____

DATE COMPLETED July 24, 1985; 10:30 pm

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100					
	SAND TILL : 107'-108.5'				
	: poorly sorted				
	: 10% silt	01	107'	108.5'	
110		02	108.5'	111'	
	: 60-70% sand				
	: 20-30% pebbles, cobbles				
	: sub angular				
	: 50% green, aphanitic volcanics				
120	: 40% grey, very fine grained, finely foliated sediments				
	: 10% granitoids				
	BEDROCK : 108.5'-111' Andesite (Basalt)				
	: medium green, fine grained, finely foliated andesite (sheared)				
	: 20-50% carbonate veinlets (1/4")				
	: strongly carbonatized.				
	: trace disseminated pyrite.				
	: moderately hard				
	END OF HOLE AT 111'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-187 LOCATION L 137+15W, 23+25S DEPTH 177'

DATE STARTED July 24, 1985; 10:45 pm HOLE ELEVATION _____

DATE COMPLETED July 25, 1985; 1:20 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
0-2'	<u>ORGANICS</u> : dark brown peat, muck				
2-110'	<u>CLAY</u> : 10% silt, fine sand. < 1% angular pebbles (poly lithic)				
65-110'	: clean, 100% clay				
110-112'	<u>SILT</u> : soft, grey, calcareous				
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-187 LOCATION L137+15 W, 23+50S DEPTH 177'

DATE STARTED July 24, 1985; 10:45 pm HOLE ELEVATION _____

DATE COMPLETED July 25, 1985; 1:20 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE FROM	TO	ASSAY
100					
110	GRAVEL : 112'-140' : moderately well sorted. : 40% medium sand. : 60% pebbles, cobbles subrounded. : 50% green, aphanitic volcanics : 40% grey, fine grained, andesite. : 10% granitoids : stratified. : 115-122: well sorted : 65% well rounded poly-lithic pebbles				
120					
130	SAND TILL : 140'-175.5' : poorly sorted : 10% silt : 60-70% sand : 20-30% pebbles, cobbles. : subangular : 50% green, aphanitic volcanics. : 40% grey, finely laminated sediments : 10% granitoids. : 160' syenite boulder (1') : 162' aphanitic, green, andesite boulder. (6") : 172.5' medium green, aphanitic andesite boulder (6") : 174.5' granite boulder (1')	01	125'	135'	
140		02	135'	145'	
150		03	145'	155'	
160		04	155'	165'	
170	BEDROCK : 175.5'-177' Argillite : medium green, aphanitic andesite with 2% carbonate veinlets : trace disseminated pyrite. : moderately hard. (= 5)	05	165'	175'	
175		06	175'	176.5'	
180		07	172.5'	177'	
	END OF HOLE AT 177'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-188 LOCATION L122+50 W, 22+255 DEPTH 75'

DATE STARTED July 25, 1985; 1:20 am HOLE ELEVATION _____

DATE COMPLETED July 25, 1985; 2:50 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
10	<p><u>CLAY</u>: 0' - 62'</p> <ul style="list-style-type: none"> : 0' - 6': light brown, moderately stiff : 6' - 35': soft, grey, calcareous <li style="padding-left: 20px;">: 10% silt, fine sand <li style="padding-left: 20px;">: <1% subangular, poly lithic pebbles : 35' - 62': 100% clay. 				
20					
30	<p><u>GRAVEL</u>: 62' - 71'</p> <ul style="list-style-type: none"> : moderately well sorted. : 60-70% fine sand : 30-40% pebbles, cobbles <li style="padding-left: 20px;">: sub rounded. <li style="padding-left: 20px;">: 50% green, fine grained andesite. <li style="padding-left: 20px;">: 35% grey, finely foliated, fine grained sediment <li style="padding-left: 20px;">: 15% granitoids 				
40					
50	<p><u>BEDROCK</u>: 71' - 75' <i>Argillite</i></p> <ul style="list-style-type: none"> : dark green, well foliated, aphanitic andesite. : 40% pervasive olive green alteration : slightly graphitic : 1-2% finely disseminated pyrite. : very soft fractured. 				
60					
70	<p>END OF HOLE AT 75'</p>	01	62'	71'	
80		02	71'	75'	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-189 LOCATION L117+25W, 22+25S DEPTH 85'

DATE STARTED July 25, 1985; 3:15 am HOLE ELEVATION _____

DATE COMPLETED July 25, 1985; 3:50 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
10	<p><u>CLAY</u>: 0-82'</p> <ul style="list-style-type: none"> : 0-47': soft, grey, calcareous : 10-15% silt, fine sand : <1% subangular, poly lithic pebbles : 47'-82': 100% clay 				
20					
30	<p><u>SAND TILL?</u>: 82'-83'</p> <ul style="list-style-type: none"> : poorly sorted : 10% silt : 60-70% sand : 20-30% pebbles, cobbles : 60% green, aphanitic andesite : 20% grey, finely foliated sediments : 20% granitoids : subangular. 				
40					
50	<p><u>BEDROCK</u>: ^{Acquility.} dark green, aphanitic andesite</p> <ul style="list-style-type: none"> : slightly sheared : 2% carbonate veinlets (1/16") 				
60	<p><u>END OF HOLE AT 85'</u></p>				
70					
80					
81		01	82'	83'	
82		02	83'	85'	
90					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-190 LOCATION L112+60W, 21450S DEPTH 89'

DATE STARTED July 25, 1985; 4:15 am HOLE ELEVATION _____

DATE COMPLETED July 25, 1985; 5:10 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>ORGANICS : 0-2' : dark brown peat, muck</p>				
10	<p>CLAY : 2'-83' : 2'-55': soft, grey, calcareous : 10% silt, fine sand : <1% angular, poly lithic pebbles : 55'-83': 100% clay</p>				
20					
30	<p>SAND : 83'-85' (possibly TILL) : well sorted : 90% sand : 10% clasts : poly lithic : rounded. : 85': coarse elastic veneer over bedrock</p>				
40					
50	<p>BEDROCK : 85'-89' Argillite : dark green, aphanitic andesite with 20% carbonate veinlets : 1% finely disseminated pyrite. : very soft : sheared.</p>				
60					
70					
80					
89	<p>END OF HOLE AT 89'</p>	01	85'	89'	
90					

KERR ADDISON MINES LIMITED


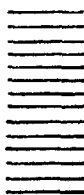


OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-191 LOCATION L110 100W, 21P505 DEPTH 101'

DATE STARTED July 25, 1985; 5:30 am HOLE ELEVATION _____

DATE COMPLETED July 25, 1985; 6:00 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	 <p><u>ORGANICS</u>: 0'-5' : dark brown peat, muck</p>				
10	 <p><u>CLAY</u>: 5'-83' : 5'-25' : soft, grey, calcareous : 10-20 silt, fine sand. : 41% angular, poly lithic pebbles : 25'-83' : 100% clay</p>				
20					
30	<p><u>GRAVEL</u>: 83'-98' : moderately sorted. : 70-80% sand : 20-30% pebbles, cobbles : subrounded : 50% aphanitic, dark green volcanics : 35% grey, very fine grained argillite : 15% granitoids : 91' : 1 1/2 foot boulder : dark green, fine grained andesite cut by : 5% quartz-carbonate veinlets</p>				
40					
50					
60	<p><u>BEDROCK</u>: 98'-101' Argillite. : dark grey-green, finely foliated, very fine grained andesite (graphitic) : 10% quartz-carbonate veinlets</p>				
70					
80	<p>END OF HOLE AT 101'</p>				
90		01	83'	95'	
100		02	95'	98'	
		03	98'	101'	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER /ALOIGNY GEOLOGIST KATHY KRYKLYWY

HOLE NO MA-85-192 LOCATION L122+50 W, 7+75 S DEPTH 120'

DATE STARTED July 25, 1985; 9:30 am HOLE ELEVATION _____

DATE COMPLETED July 25, 1985; 10:30 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	ORGANICS : 0 - 4'				
	CLAY : 4' - 107'				
	- grey, soft, calcareous				
10	- 20 - 64' Poor Return - fines washing away - appears to be dominantly silt.				
	- 64' back to good return of grey, soft clay				
	- 94' - introduction of pebbles 10-20%				
20					
30					
40					
50					
60					
70					
80					
90					
100					

KERR ADDISON MINES LIMITED

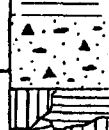
OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER / ALOIGNY GEOLOGIST KATHY KRYKLYWY

HOLE NO MA-85-192 LOCATION L127+SDW, 7+75 S DEPTH 120'

DATE STARTED July 25, 1985; 9:30 am HOLE ELEVATION _____

DATE COMPLETED July 25, 1985; 10:30 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	<p><u>TILL: 107' - 111.5'</u></p> <ul style="list-style-type: none"> - 40-50% sand, 50-60% pebbles - poorly sorted, 5% rounded clasts - sand - fine grained, brown - cobbly till - 30-50% medium green schist, - 10% dark green mafic volcanic rock, ~20% granitoids, ~20% sedimentary rock 				
110		01	105	111.5	
120	<p><u>BEDROCK: 111.5' - 120' Sericite schist (ruff)</u></p> <ul style="list-style-type: none"> - appears to be fractured from 111.5' to 115.5' - talc - grey/green, pearly lustre, very soft - very fine disseminated Pyrite (20%) - 10% light grey, highly schistose, very soft rock - sericite schist? - Pyrite cubes up to 3mm - silver colour - yellow alteration seams in talc and sericite - 114' - white quartz vein ~ 6" wide - 115.5' - pyrite is now typical colour - 20-50% fine disseminated and cubic (5mm) - now 5% talc and 95-75% soft, light grey schist - 118.5' - decrease in pyrite to ~10% - 1" pink, granitic vein with 6" of medium green alteration around it - some massive pyrite veinlets <p>END OF HOLE: 120'</p>	02	115.5	120	

KERR ADDISON MINES LIMITED

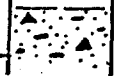
OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER / ALOIGNY GEOLOGIST KATHY KRYKLYWY / BARRY OTTAN

HOLE NO HA-85-193 LOCATION 1 97+50 W, 6+35 S DEPTH 185'

DATE STARTED July 25, 1985; 12:40 pm HOLE ELEVATION _____

DATE COMPLETED July 25, 1985; 7:50 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	<p>✓ ✓</p> <p><u>ORGANIC</u> : 0 - 2'</p>				
	<p><u>CLAY</u> : 2' - 93'</p> <ul style="list-style-type: none"> - light brown, moderately soft - 8' - grey, soft - 10 - 25' SAND - well sorted, fine grained - 45% rounded pebbles - some interbedded clay seams - 25' - 45' - Poor Return - fines washing away - 47' back to good return of grey, soft clay 				
	<p><u>SILT</u> : 93' - 97'</p> <ul style="list-style-type: none"> - well sorted 				
	<p><u>TILL</u> : 97' - 100'</p> <ul style="list-style-type: none"> - 80% sand, 20% pebbles - poorly sorted, 5-20% rounded clasts - sand - fine grained, brown - pebbles - 10-20% granitoids, ~ 40% medium green, fine grained volcanic rock, 15-20% graphitic schist, 5-10% fine grained mafic volcanic, 5-10% sedimentary rock. 				
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER /ALOIGNY GEOLOGIST KATHY KRYKLYWY / B. OTTON

HOLE NO MA-85-193 LOCATION L 97+50 W, 6+35 S DEPTH 185'

DATE STARTED July 25, 1985; 12:40 pm HOLE ELEVATION _____

DATE COMPLETED July 25, 1985; 7:50 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	GRAVEL: 100' - 102' - 50% coarse grained sand, 50% pebbles/cobbles/boulders - moderately sorted	01	97'	105'	
110	TILL: 102' - 120' - very bouldery with clay coating - 107' - 111' - medium grained sand matrix - 50% sand, 50% pebbles - 111' - 80-90% sand, 5-10% gritty clay, 5-10% pebbles - very cobbly - 118' - 119' - 80% gritty clay	02	105'	115'	
120		03	115'	122'	
		04	122'	125'	
	CLAY: 120' - 122' - no grit, grey, moderately stiff	05	125'	129'	
130					
	CLAY TILL: 122' - 129' - high percentage of silt - being washed away - very bouldery				
140					
	CLAY: 129' - 143' - lacustrine, grey, stiff, calcareous	06	143'	146'	
150		07	145'	155'	
	TILL: 143' - 180' - 80-90% fine grained sand/silt, 10-20% pebbles/cobbles/boulders - poorly sorted, <5% rounded clasts - pebbles - 20-30% granitoids, 10% dark green volcanic rock, 30-50% light to medium grained fine grained volcanic rock, -5% graphitic schist, 5-10% sedimentary rock, 5-10% gabbro, Trace Pyrite - clay coating to 5% gritty clay balls - 151' - chert cobbles in return - 161' - 164' SILT - <5% small pebbles - 164' - back to ~20% cobbles - 169' - very cobbly - 50% sand, 50% pebbles - 172' SILT - very well sorted.	08	155'	165'	
160		09	165'	175'	
170		10	175'	180'	
	BEDROCK: 180' - 185' Graphitic sediment - dark grey, fine grained - granular texture - graphitic - 30-40% massive pyrite - 5% fine to medium disseminated pyrite in host - 2-3% quartz veinlets up to 1/8" separating massive pyrite from graphitic host - soft, hardness approx. 3 - trace light brown oxidation on fractures - no carbonate - sample 11 coarse (<10) fraction, 40-50% pyrite	11,12,13	180'	185'	
180					
190					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST KATHY KRYKLYWY / B. OTTON

HOLE NO NA - 85 - 193 LOCATION L 97+50 W, 6+35 S DEPTH 185'

DATE STARTED July 25, 1985; 12:40 pm HOLE ELEVATION _____

DATE COMPLETED July 25, 1985; 7:50 pm

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	<ul style="list-style-type: none"> - Sample 12 fines (-10) fraction, 40-50% pyrite - first bucket - Sample 13 fines (-10) fraction, 30-40% pyrite - second bucket - sediment 				
	<p>END OF HOLE 185'</p>				

KERR ADDISON MINES LIMITED

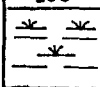
OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGAY GEOLOGIST AMY NISHIO

HOLE NO MA-85-194 LOCATION L102+50W, 12+00S DEPTH 111 1/2'

DATE STARTED JULY 26, 1985; 9:00 am HOLE ELEVATION _____

DATE COMPLETED JULY 26, 1985; 11:30 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	 <p><u>ORGANICS - CLAY - SILT: 0-5'</u> - introduction of light grey, non-gritty, soft clay lumps at 25'</p>				
10'	<p><u>CLAY - SILT INTERBEDDED: 5-91'</u> - light grey, non-gritty, soft clay lumps - 5-15': clay - 15-25': clay-silt, 1% coarse sand - 25-35': clay-silt-fine grained sand and 1% coarse sand. - 35-50': Silt-fine grained, polyolithic sand; no +10 return; return water is clear - no clay in suspension - 50-81': Clay</p>				
30'	<p><u>SANDY TILL - GRAVEL INTERBEDDED: 81-110 1/2'</u></p>				
40'	<p><u>GRAVEL</u> : Matrix (+10 return): fine-medium grained, polyolithic sand (coarse looking matrix); 40% of return. Clasts (+10 return): 60% of return; +10 = coarse sand, pebbles, rock fragments Mafic / Felsic = 60% / 40%; Matres = Volcanics - green, grainy texture (20-25%); Sedimentary (30%) types of black, fine grained: 1) magnetic, slaty cleavage, trace pyrite; 2) non-magnetic, slightly laminated; dark grey argillite; Felsics = Granitoids (35-45%). 1% Quartz; Trace Epidote and Calcite.</p>				
50'	<p>- Gravel is moderately well sorted; Rock fragments < Grains; grains are sub-angular to sub-rounded, not particularly rounded.</p>				
70'	<p><u>SANDY TILL</u> : Matrix (+10 return): fine-grained, polyolithic sand; 70-80% of return. Matrix is finer than Gravel's matrix. Clasts (+10 return): composition basically the same. 20-30% of return. Generally less coarse and abundant. - Till is poorly sorted.</p>				
80'		01	91'	95'	
90'		02	85'	95'	
100'	<p>81'-109 1/2': Sequences of fining and coarsening of the return.</p>				

KERR ADDISON MINES LIMITED


OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-85-194 LOCATION L102+50W, 13+00S DEPTH 111 1/2'

DATE STARTED JULY 26, 1985; 9:00 am HOLE ELEVATION _____

DATE COMPLETED JULY 26, 1985; 11:30 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'	 <ul style="list-style-type: none"> -81-85': Gravel -85-93': Sandy Till -90': Cobbly -90 1/2': Granite Cobble 	03	95'	105'	
110'		04	105'	110 1/2'	
		05	110 1/2'	111 1/2'	
120'	<ul style="list-style-type: none"> -91': Increase of matrix ~80%, decrease in +10 return. -92 1/2': Cobbly 				
	<ul style="list-style-type: none"> -93-100': Gravel -93': Minor calcite veining (190) in a volcanic -95', 96': Cobbly -97 1/2': Small Boulder (2") - dark grey finely laminated argillite -98': Cobbly 				
	<ul style="list-style-type: none"> -100-109 1/2': Sandy Till -102': cobbly -102 1/2': NOTE: pink quartz and hematite coloured granitoid? - hematite staining -103-105': Fining of Till, +10 = ~10% - coarsening gradually back to a Till -105': Cobbly - greenish-grey, grainy textured volcanic -107-109 1/2': Cobbly horizon <ul style="list-style-type: none"> - light grey argillite - granitoid - white and black, medium crystallite - Greenish-grey, laminated sedimentary - Green volcanic - Black, finely laminated, non-magnetic sedimentary -109 1/2': Boulder (3") - army green, grainy texture, non-carbonitized 				
	<p><u>BEDROCK: VOLCANIC? : 110 1/2 - 111 1/2' : Arenite</u></p> <ul style="list-style-type: none"> - army green, finely laminated, grainy texture - mafic grains visible with the naked eye, slightly carbonitized moderately hard between 3-5. - not a clean return; rusty coloured alteration on host. - 15% Black, finely laminated, argillaceous non-magnetic sedimentary - 5% Red, coarse sand size, granitoid - 1% Pyrite cubes 				
	STOP DRILL AT 111 1/2'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST BRIAN MILLER

HOLE NO MA-85-195 LOCATION L 100+00W, T.L. 12+00S DEPTH 142'

DATE STARTED JULY 26, 1985; 12:10 PM HOLE ELEVATION -

DATE COMPLETED JULY 26, 1985; 3:15 PM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	Y Y Y MUSKEG: 0-2'				
10	CLAY: 2-82.5' -grey, non-gritty, moderately stiff clay				
20					
30					
40					
50					
60					
70					
80	SAND TILL: 82.5-90.5' 82.5': 80% sand, 20% pebbles; sand is medium-grained, brown, poly lithic, pebbles are 80% volcanic(?), 15% granitoid, 5% other; calcareous; 75% subangular, 25% subrounded; poor sorting.	01	82.5	85	
90	89': 60% sand, 40% pebbles.	02	85	95	
	CLAY: 90.5-93' -grey, non-gritty, moderately stiff clay				
100	SAND TILL: 93-139'	03	95	105	

KERR ADDISON MINES LIMITED


OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER GEOLOGIST BRIAN MILLER

HOLE NO MA-85-195 LOCATION L100+00W, T.L.12+00S DEPTH 142'

DATE STARTED JULY 26, 1985; 12:10 PM HOLE ELEVATION -

DATE COMPLETED JULY 26, 1985; 3:15 PM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100	 <p>93': 85% sand, 15% pebbles; sand is medium-grained, brown, polyolithic; pebbles are 80% volcanic, 15% granitoid, 5% other; pebbles are 70% subangular, 30% subrounded; poor to moderate sorting</p> <p>95.5': granite boulder, orange-pink colour, contains 5% mafics; 6" diameter.</p> <p>106': 65% sand, 35% pebbles</p> <p>113': 90% sand, 10% pebbles; sand is medium-grained, brown, polyolithic; pebbles are 90% volcanic, 5% granitoid, 5% other; 70% subangular, 30% subrounded; moderate sorting, minor clayballs.</p> <p>120-127': 95% to 98% sand, 5% to 2% pebbles; sand is fine-grained, brown, polyolithic, pebbles are 80% to 90% volcanic, 5% granitoid, 5% other; 80% subangular, 20% subrounded; good sorting; calcareous.</p> <p>134': 95% sand, 5% pebbles</p> <p>136': cobbles; 70% sand, 30% pebbles, sand is medium-grained, brown to green in colour, polyolithic; pebbles are 80% volcanic, 15% granitoid, 5% other; 50% subangular, 25% angular, 25% subrounded; about 1% disseminated pyrite in cubes 3mm to 4mm in diameter</p>	03	95	105	
110		04	105	115	
120		05	115	125	
130		06	125	135	
		07	135	139	
140		08	139	142	
150					
160					
170					
180					
190					
200					

BEDROCK: 139-142' Arenite

- medium green-grey colour
- fine-grained
- calcareous
- slight planar fabric on scale of mm's or fractions of mm's, possibly foliation or schistosity
- disseminated pyrite, 5%, in cubes and irregular grains ranging in size from a fraction of a mm to 3mm
- possibly a sediment

END OF HOLE: 142'

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MOAIT-GOLFIER - BLOIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-85-196 LOCATION L100+00W, 20+50S DEPTH 100'

DATE STARTED JULY 26, 1985; 3:45 pm HOLE ELEVATION _____

DATE COMPLETED JULY 26, 1985; 5:15 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p><u>ORGANICS - SAND : 0-3'</u></p> <p><u>CLAY : 3-66 1/2'</u></p> <p>- light brown, non-gritty, soft clay lumps changing colour to light grey at 35'</p> <p>- silt, fine sand (poly lithic) and < 1% coarse sand admixed with clay up to 35' depth.</p>				
20	<p><u>SANDY TILL : 66 1/2 - 97'</u></p> <p>Matrix (10 return): fine - medium grained, poly lithic sand; 60-80% of return.</p> <p>Clasts (10 return): 20-40% of return; 10% coarse sand, pebbles and rock fragments</p> <p>Mafic / Felsic = 60%/40%. Mafics =</p> <p>Volcanics (green laminated, grainy texture, carbonitized), 30%; Sedimentary (two types of black sedimentary 1) magnetic, slaty cleavage 2) non-magnetic, finely laminated; light grey argillite), 40%.</p> <p>Felsics = Granitoids - very felsic re pink/white, 30%.</p> <p>- Quartz (1%) ; Trace Pyrite - generally in sedimentary</p> <p>- Till is poorly sorted ; Rock Fragments < Grains (unless cobbly horizon) ; grains are predominately sub-angular (70%) to sub-rounded.</p> <p>- 79 1/2' ; 80' : Cobbly - black, non-magnetic sedimentary</p> <p>- 84-85' : Volcanic Boulder - see Bedrock description</p> <p>- 85' : Cobbly</p> <p>- 96' : Sandy horizon - fine, poly lithic sand, < 5% coarse sand and pebbles ; moderately sorted sand.</p> <p>- 97' : Cobble.</p>				
70	<p><u>BEDROCK : VOLCANIC : 97-100' Argillite</u></p> <p>- dark forest green, grainy texture - mafic and felsic grains are visible with the naked eye ; finely laminated, non-carbonitized, moderately hard</p> <p>- 1-20% Calcite veining - veining increases with depth to ~20-30% (3mm-8mm size)</p> <p>- 5% Black, slaty cleavage, non-magnetic argillite</p> <p>- 5% Pink, red, orange, coarse sand size, granitoids ?</p> <p>- return becomes cleaner with depth with the exception of the calcite</p>	01	66 1/2'	75'	
80		02	75'	85'	
90		03	85'	95'	
		04	95'	97'	
100		05	97'	100'	

STOP DRILL AT 100'

KERR ADDISON MINES LIMITED




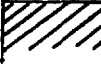
OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST BRIAN MILLER

HOLE NO MA-85-197 LOCATION L95+00W, 20+10S DEPTH 99'

DATE STARTED JULY 26, 1985; 5:35 PM HOLE ELEVATION -

DATE COMPLETED JULY 26, 1985; 7:00 PM

DEPTH	GRAPHIC LOG	SAMPLE NO		FOOTAGE FROM TO		ASSAY
0						
	MUSKEG: 0-1'					
	CLAY: 1-50.5'					
	1-6': brown, non-gritty, moderately stiff clay					
10	6-50.5: grey, non-gritty, moderately stiff clay					
20						
30						
40						
50						
	SAND TILL: 50.5-80'					
	50.5': 80% sand, 20% pebbles; sand is medium-grained, brown to green in colour, poly lithic; pebbles are 75% fine-grained (volcanic?), 20% granitoid, 5% other, 50% subangular, 50% subrounded, poor sorting.	01	50.5	55		
60	67-70': cobbles, 60% sand, 40% pebbles.	02	55	65		
	70-80': 90% sand, 10% pebbles; sand is medium-grained, brown, poly lithic	03	65	75		
70	CLAY: 80-80.5'					
	-grey, non-gritty, stiff clay					
80						
	SAND TILL: 80.5-96'					
	80.5': 85% sand, 15% pebbles; sand is medium-grained, brown, poly lithic; pebbles are 85% volcanic, 10% granitoid, 5% other; pebbles are 70% subangular, 30% angular; poor to moderate sorting.	04	75	85		
90	85.5': cobbles, 65% sand, 35% pebbles; sand is medium-grained, brown to green in colour, poly lithic; pebbles are 90% volcanic, 5% granitoid, 5% quartz; ~1% disseminated pyrite in cubes a fraction of a mm in diameter	05	85	95		
	93': 65% sand, 35% pebbles	06	95	96		
		07	96	99		
100						

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST BRIAN MILLER

HOLE NO MA-85-197 LOCATION L95+00W, 20+10S DEPTH 99'

DATE STARTED JULY 26, 1985; 5:35 PM HOLE ELEVATION -

DATE COMPLETED JULY 26, 1985; 7:00 PM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100	<p><u>BEDROCK: 96-99'</u> Basalt or argillite</p> <ul style="list-style-type: none"> - medium grey-green colour - fine-grained - distinct planar fabric on scale of mm's, possibly foliation or schistosity - approximately 1% sulfide present in grains \leq 1mm diameter - possibly a sediment <p>END OF HOLE: 99'</p>				
110					
120					
130					
140					
150					
160					
170					
180					
190					
200					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-85-201 LOCATION 4+85E, 0+50S DEPTH 95'

DATE STARTED JULY 12, 1985; 9:45 am HOLE ELEVATION _____

DATE COMPLETED JULY 12, 1985; 1:00 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	0' - 4 1/2' No Return				
10	ORGANICS - SILT-SAND : 4 1/2' - 5 1/2' - sand is salt and pepper, fine-grained, well sorted				
20	SAND : 5 1/2' - 25' - fine grained, polyolithic, well-sorted sand - initial first ft., light brown, slightly gritty clay - minor coarse sand component (<1%)				
30	GRAVEL : 25' - 95' - abundant return, moderately well sorted MATRIX is medium grained, polyolithic, ~70% of return; some metallic-looking grains GRAINS (+10 return) : coarse sand and pebbles size = 30% of return Rock Fragments > Grains with sub-round (+60%) to sub-angular shape Mafic / Felsic = 60% / 40% Mafics = Sedimentary (dark grey or green, finely laminated, fairly hard) 50% Volcanics (25%) Felsic = Granitoids 20-30%; high quartz content 1-5% - some rock fragments are very schistose, olive green, soft, carbonitized, sedimentary? - carbonates in +10	01	25'	35'	
40		02	35'	45'	
50		03	45'	55'	
60		04	65'	65'	
70	STOP DRILL AT 95' AFTER THREE ATTEMPTS AT RE-DRILLING	05	65'	75'	
80		06	75'	85'	
90		07	85'	95'	
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST ELLEN LEASK I B. GRAY

HOLE NO MA-85-202 LOCATION L2+50W 3+48S DEPTH 145'

DATE STARTED JULY 12, 1985; 3PM HOLE ELEVATION _____

DATE COMPLETED JULY 12, 1985; 11:45 PM

DEPTH 0'	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY		
			FROM	TO			
0'	<p><u>CLAY: 0-29'</u> - moderately firm to very soft, grey. - medium grained polyolithic sand interbeds common</p>						
10'							
20'							
30'		<p><u>SAND & SILT INTERBEDS: 29-105'</u> - grey silt; fine to medium grained polyolithic calcarious sand, poorly sorted; occasional dropstone 95-105: 0-10% soft, non-gritty clay; 1% black, aphanitic volcanic dropstones</p>					
40'							
50'							
60'							
70'							
80'							
90'							
100'							

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST ELLEN LEASK & B. GRAY

HOLE NO MA-85-202 LOCATION L2+50W, 3+48S DEPTH 145'

DATE STARTED JULY 12, 1985; 3PM HOLE ELEVATION _____

DATE COMPLETED JULY 12, 1985; 11:45 PM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'					
110'	<p>TILL: 105-115'</p> <p>Sand 90-70%, pebbles 10-30%; fine sand moderately sorted; equal amounts of volcanic and granitoid pebbles</p> <p>- POSSIBLY JUST ANOTHER SAND WTR. BED: END OF DAY SHIFT AND RODS. BLOCKED UP</p>	01	105	115	
120'	<p><u>Fine Sands 115-?</u></p> <p>Fine polyhedral sand with 15% mafic flecks.</p> <p>Blocked up at 135' - Try mud - works</p> <p>Trip in</p> <p>Blocked up at 145'</p>				
130'	<p>End of Hole = 145'</p> <p>move ahead 50 metres and redrill as MA-85-202A</p>				
140'					
150'	?				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montgolfier - Aloigny Q-30 GEOLOGIST B. Gray

HOLE NO 1A-85-202A LOCATION 3⁰⁰ W / 3⁵⁰ S DEPTH 196'

DATE STARTED July 12 Night Shift Midnight HOLE ELEVATION 0'

DATE COMPLETED July 13 3:15 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	Use drill mud from the top				
0-5'	Organics	N/S			
	<u>Lawstine Sediments 5-171'</u>	↓			
5-55'	lumpy brownish-grey clay - finely laminated. 5% dropstone. More liquid after 15' - (mud effect or more silty?)				
55-65'	grey silt and fine sand				
65-170'	brownish-grey fine silica sands - 15% mafic flecks				
170-171'	grey clay				
	<u>Sandy Till 171'-182'</u>				
	Unsorted				
30'	Return = 95/5 -10/10 -10 = fine to medium grained polyolithic sands				
40'	t10 = coarse sand with 5-10% small pebble size fragments. Rk chips and grains in equal proportions. Grains are angular to subround				
50'	t10 = 70-90% mafics, 10-30% felsics. Mafics are dominantly andesitic (50% of t10) with lesser seeds (argillite = 20% of t10) Felsics dominantly granitic (25% of t10) 17% Qtz, 17% rhyolite Note Tr Py in argillaceous and rhyolitic chips.				
179-180'	Return = 99/1 -10/10				
	<u>Cobbly Till 182'-190'</u>				
60'	Return = 70-80% -10 / 20-30% t10				
	Abundant washing in.				
70'	t10 = 70-75% mafics 25-30% felsics. felsics are dominantly coarse sand size grains whereas mafics tend to form the larger size fragments. t10 contains 10-20% small pebble size fragments - dominantly chips.				
183'	andesite then tuffaceous then basaltic then andesitic cobbles				
184'	dioritic cobble				
	<u>Bedrock 190'</u> Intermediate to Felsic volcanic				
90'	Minor washing in Grey, fine grained, moderately hard volcanic with Tr < 1% Py. Pyrite is finely disseminated and in cubes to 1/2 mm. Rk not carbonatized BR = Dacite				
	End of Hole 196'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Q-30 GEOLOGIST B. Gray

HOLE NO 11A-85-202A LOCATION ~ 31°00' W / 31°50' S DEPTH 196'

DATE STARTED _____ HOLE ELEVATION _____

DATE COMPLETED _____

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY		
			FROM	TO			
100		N/S ↓					
110							
120							
130							
140							
150							
160							
170							
180				01	171	185	
190				02	185	190	
196		03	190	196			
200							

KERR ADDISON MINES LIMITED


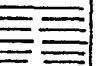
OVERBURDEN DRILL LOG

PROPERTY Aloigay - Montgolfier GEOLOGIST JEFF BROWN

HOLE NO MA-85-203 LOCATION L 5+00W, 4+50S DEPTH 135'

DATE STARTED July 13, 1985; 3:30 AM HOLE ELEVATION _____

DATE COMPLETED July 13, 1985; 4:45 AM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
	<p><u>Organics</u> 0 to 4'</p>				
	<p><u>Clay</u> 4' to 57'</p> <p>grey, stiff, non gritty clay</p> <p>14' - small, approximately 1" thick pebble band.</p> <p>20' - grey soupy clay with some 2% dropstones, lacustrine</p>				
10'					
20'					
30'					
40'					
50'					
60'					
	<p><u>Silt</u> 57' to 61'</p>				
	<p><u>Sand</u> 61' to 135'</p> <p>61' - fine, well sorted sand</p> <p>75' - 1/2' pebble band</p> <p>95' - fine to medium grained, well sorted sand.</p>				
70'					
80'					
90'					
100'					

KERR ADDISON MINES LIMITED

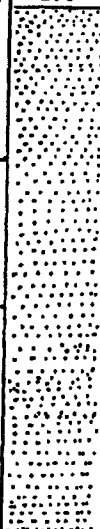
OVERBURDEN DRILL LOG

PROPERTY Aloigay - Montgolfier GEOLOGIST JEFF BROWN

HOLE NO MA-85-203 LOCATION L 5+00W, 4+50S DEPTH 135

DATE STARTED July 13, 1985; 3:30 AM HOLE ELEVATION _____

DATE COMPLETED July 13, 1985; 4:45 AM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'	 <p>135' - plugged rods</p> <p>END OF HOLE : 135'</p>				
110'					
120'					
130'					
140'					

KERR ADDISON MINES LIMITED


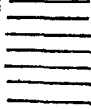




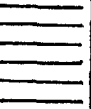
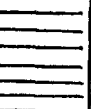

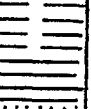
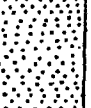
OVERBURDEN DRILL LOG

PROPERTY Aloigay - Montgolfer GEOLOGIST JEFF BROWN

HOLE NO MA-85-203A LOCATION L 5+ 25W, 4+50S DEPTH 147'

DATE STARTED July 13, 1985; 5:20 AM HOLE ELEVATION _____

DATE COMPLETED July 13, 1985; 6:15 AM

DEPTH	GRAPHIC LOG		SAMPLE NO		FOOTAGE		ASSAY
			FROM	TO	FROM	TO	
0'		<u>Organics</u> 0 to 3'					
10'		<u>Clay</u> 3' to 55' gray, stiff, non gritty clay rare observes of drop stones; lacustrine					
20'							
30'							
40'							
50'							
60'		<u>Silt</u> 55' to 65'					
70'		<u>Clay</u> 65' to 68' gray, gritty, clay balls					
80'		<u>Sand</u> 68' to 105' 68' - fine, well sorted sand 75' - 1' pebble band 76' - fine to medium, well sorted sand.					
90'							
100'		<u>Clay</u> 105' to 105.5' gray, gritty, clay balls					

KERR ADDISON MINES LIMITED

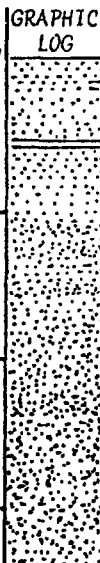

OVERBURDEN DRILL LOG

PROPERTY Aloigay - Montgolfier GEOLOGIST JEFF BROWN

HOLE NO MA-85-203A LOCATION L 5+25 W, 4+50 S DEPTH 147'

DATE STARTED July 13, 1985; 5:20 AM HOLE ELEVATION _____

DATE COMPLETED July 13, 1985; 6:15 AM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'	 <p><u>Sand</u> 105.5' to 135' Fine grained and well sorted.</p>				
110'					
120'	 <p><u>Till</u> 135' to 147'</p> <p>135' - Sandy Till 90% fine grained sand and 10% pebbles. Poorly sorted. 30% granitoid, 20% intermediate volcanics, 30% ultramafic volcanics and 20% other.</p> <p>144' - Boulder</p> <p>145' - large fragments found in sieve. Drill bit cone destroyed.</p> <p>147' - drilling stopped.</p>				
130'					
140'		01	135'	145'	
150'		02	145'	147'	

KERR ADDISON MINES LIMITED

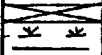

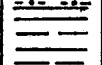
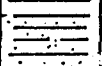

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-BLOIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-85-203C LOCATION 2+50W+180', 3+50S DEPTH 128'

DATE STARTED JULY 13, 1985; 9:00 am HOLE ELEVATION _____

DATE COMPLETED JULY 13, 1985; 9:50 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	 <p>No Return : 0-1' ORGANICS : 1-2'</p>				
10'	 <p>CLAY-SILT : 2-65' - light grey, non-gritty clay with silt</p>				
20'	 <p>- 15' - minor (1%) coarse sand and pebble component</p>				
30'					
40'					
50'					
60'	 <p>- 55' - introduction of minor fine, salt and pepper sand component</p>				
70'	 <p>SAND : 65 - 124 1/2' - predominately fine grained, polyhedral, well-sorted sand - minor (1%) coarse sand and soft, non-gritty, light grey clay lumps</p>				
80'					
90'					
100'					

KERR ADDISON MINES LIMITED.

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - BLOIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-85-203C LOCATION 2+50W + 120', 3+50S DEPTH 128'


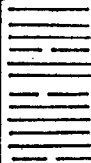

DATE STARTED JULY 13, 1983; 9:00 am HOLE ELEVATION _____

DATE COMPLETED JULY 13, 1983; 9:50 am

DEPTH	GRAPHIC LOG	SAMPLE NO.	FOOTAGE		ASSAY
			FROM	TO	
100'					
110'					
120'					
124.5'		01	124.5'	126'	
126'		02	126'	128'	
130'	<p><u>GRAVEL / SANDY TILL : 124 1/2 - 126'</u> Matrix = fine to medium sand, 60-70% of return. GRAINS (+10 return) = 30-40% of return +10 = Rock Fragment (70%) > Grains (30%) - grains are sub-angular to sub-rounded - Sedimentary, Volcanics (50-75%), Granitoids (25%) - poorly sorted</p> <p><u>BEDROCK : VOLCANIC ? : 126-128' (possible boulder)</u> - dark green, non-laminate to very slightly laminar, grainy texture, mafic grains visible with sizes ~.25mm hard - trace amounts of lime green chips, possibly alteration - <1% Black, aphanitic, hard, non-magnetic in free chips and within bedrock chips - trace carbonate (white - calcite?).</p> <p>STOP DRILL AT 128'</p>				

KERR ADDISON MINES LIMITED
OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOI & NY GEOLOGIST AMY NISHIO
HOLE NO MA-85-204 LOCATION L7+50W, S+50S DEPTH 196'
DATE STARTED JULY 13, 1985; 10:00 am HOLE ELEVATION _____
DATE COMPLETED JULY 13, 1985; 12:15 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	 <p><u>ORGANIC - CLAY: 0-5'</u> - brown clay</p>				
10'	 <p><u>CLAY-SILT: 5-65'</u> - light grey, soft, non-gritty clay and silt - minor fine-grained sand - <1% coarse grained sand periodically</p>				
20'					
30'					
40'					
50'					
60'					
70'	 <p><u>SAND: 65'-170'</u> - fine-medium grained, well-sorted, poly lithic sand with <5% clay balls and coarse sand</p>				
80'					
90'					
100'					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALDANY GEOLOGIST AMY NISHIO
 HOLE NO MA-85-204 LOCATION L7+50 W, 5+50 S DEPTH 196'
 DATE STARTED JULY 13, 1985; 10:00 am HOLE ELEVATION _____
 DATE COMPLETED JULY 13, 1985; 12:15 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'					
110'	- coarse sand increase to 10% for 113-114'				
120'					
130'					
140'					
150'	- 149' - Granitoid Cobble				
160'	- 155' - Light grey, non-gritty lacustrine clay lumps				
170'	- 165' - silt seam.				
170'	<u>GRAVEL: 170 - 194' (Possibly TILL)</u> - abundant, moderately well-sorted return MATRIX (10 return) = 50-75% of return; medium, poly lithic sand CLAST (+10 return) = 25-50% of return	01	170'	175'	
180'	- compositional sorting due to cobbly zones - +10 = coarse sand, pebbles and rock fragments; rock fragments > grains - Sedimentary (40-50%); volcanics (25-35%); Granitoids (25%); Quartz (1%); Trace Epidote - Mafic / felsic = 75% / 25%	02	175'	185'	
190'	- grains are sub-round (75%) - sub-angular shaped.	03	185'	190'	
190'	- 176' Volcanic? Cobble - black, aphanitic, hard.	04	190'	194'	
200'	- 182' - Cabbly	05	194'	196'	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-85-204 LOCATION L 7+50 W, 5+50 S DEPTH 196'

DATE STARTED JULY 13, 1985; 10:00 am HOLE ELEVATION _____

DATE COMPLETED JULY 13, 1985; 12:15 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	<ul style="list-style-type: none"> -184' - Granitoid Cobble -184 1/2' - Volcanic? Cobble - same as 176' -190' - Boulder - see bedrock description for Hole No. MA-85-203C -190-191' - Gravel -191'-192' - Appears like Bedrock material for this hole -192-194' - seam of sand grades into gravel return <p><u>BEDROCK: Volcanic: 194-196' Basalt</u></p> <ul style="list-style-type: none"> - dark green, carbonitized, hard, grainy texture - grains visible 4-5mm - not a clean return: Calcite (0.5%) - chips and within chip as veinlet - small red granitoid? - coarse sand size - trace quartz - yellowish chips (1%), possibly alteration? - calcite decreases with depth <p>WATER TABLE AT 196' ?</p> <p>STOP DRILL AT 196'</p>				

KERR ADDISON MINES LIMITED


OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-85-205 LOCATION 10+00 W, 6+50 S DEPTH 82 1/2'

DATE STARTED JULY 13, 1985; 12:30 pm HOLE ELEVATION _____

DATE COMPLETED JULY 13, 1985; 1:30 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	 <p><u>NO RETURN</u> : 0-2' <u>ORGANICS-SILT</u> : 2-5' <u>CLAY</u> : 5-75' - soft, non-gritty, light grey clay lumps</p>				
10'					
20'					
30'					
40'					
50'					
60'					
70'					
75'					
75-79 1/2'	<p><u>SAND</u> : 75-79 1/2' - fine grained, poly lithic, well-sorted sand</p>				
79 1/2-81'	<p><u>GRAVEL (SANDY TILL)</u> : 79 1/2-81' Matrix (+10 return) : silt, fine-medium, salt and pepper sand; +70% of return CLASTS (+10 return) : coarse sand, pebbles; +30% of return Mafic / Felsic = 65%/35%; Mafics = Volcanics (40%), sedimentary (25%) Felsics = Granitoids (30%); 1% quartz - unsorted, sub-angular to sub-rounded clasts - 80 1/2-81': +10 return decreases to <5% Cobbly zone - Granitoid, Volcanic</p>				
80'		01	79 1/2'	81'	
		02	81'	82 1/2'	
90'					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALONGY GEOLOGIST AMY NISHIO

HOLE NO MA-85-205 LOCATION 10+00W, 6+50S DEPTH 82 1/2'

DATE STARTED JULY 13, 1985; 12:30 pm HOLE ELEVATION _____

DATE COMPLETED JULY 13, 1985; 1:30 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	<p>BEDROCK: VOLCANIC: 81-82 1/2' Andesite</p> <ul style="list-style-type: none"> - army green, carbonitized, very slightly laminated, grainy texture, hard - calcite veinlet (5-10%) decreases with depth - 1% black, non-magnetic, hard platelets - yellowish chip shows a dark discolouration (possibly green) indicating alteration? - red chips, similar texture and hardness as host <p>STOP DRILL AT 82 1/2'</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-85-206 LOCATION 12+50 W, 7+50 S DEPTH 99 1/2'

DATE STARTED JULY 13, 1985; 1:40 pm HOLE ELEVATION _____

DATE COMPLETED JULY 13, 1985; 3:00 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>No RETURN: 0-2'</p>				
0-5'	<p>ORGANICS-SILT-CLAY: 2-5' - 5% light grey, hard, non-gritty clay</p>				
5-74'	<p>CLAY-SILT: 5-74' - light grey clay liquid with silt and clay lumps</p>				
23'	- 23' - occasional coarse sand or pebble in clay return				
74'	- 74' - introduction of fine grained, polythitic in return				
75-92'	<p>SAND: 75-92' - fine grained, polythitic, well-sorted sand</p>				
80'	- 80' - Boulder (2') - Granite				
82'	- 82' - sand contains 1% clay lumps and 1% sub-rounded pebbles				
92-98'	<p>GRAVEL: 92-98' Matrix (+10 return) = medium grained, polythitic sand; 60% of return Clasts (+10 return): Clast dominated, only 25% Rock Fragments</p>				
98'		01	15'	98'	
99 1/2'		02	98'	99 1/2'	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-85-206 LOCATION L12+50 W, 7+50 S DEPTH 99 1/2'

DATE STARTED JULY 13, 1985; 1:40 pm HOLE ELEVATION _____

DATE COMPLETED JULY 13, 1985; 2:00 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	<p>Mafic / Felsic = 75% / 25%</p> <p>Mafics = Sedimentary (black, laminated, fine grained); Volcanics (bedrock material from Hole No. MA-85-205)</p> <p>Felsics = Granitoids (20-30%)</p> <p>Quartz (1%)</p> <ul style="list-style-type: none"> - unsorted; grains are subrounded (50-60%) to sub-angular shaped <p>BEDROCK: VOLCANICS: 98-99 1/2' Andesite</p> <ul style="list-style-type: none"> - initial return is contaminated by upper gravel unit - army green, carbonitized, grainy texture, slightly laminated, hard, grains of .25mm. - minor quartz (<1%) - Blood red alteration surface on some chips, trace amounts of similar blood red chips - Trace amounts of black, slate-like chips, hard, non-magnetic - purer return than previous holes 				

KERR ADDISON MINES LIMITED


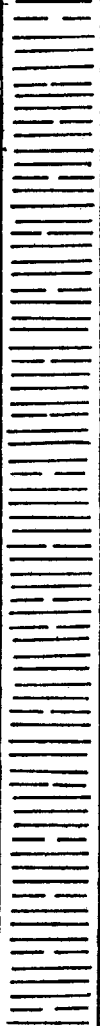
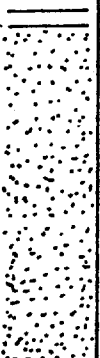

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALDIGNY GEOLOGIST AMY NISHID

HOLE NO MA-85-207 LOCATION L15+00W, 8+45S DEPTH 143'

DATE STARTED JULY 13, 1985; 3:15 pm HOLE ELEVATION _____


DATE COMPLETED JULY 13, 1985; 5:45 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	 <p><u>NO RETURN: 0-1'</u> <u>ORGANICS - SILT - CLAY: 1-15'</u> - brown, non-gritty clay lumps</p>				
15	 <p><u>CLAY: 15-75'</u> - clay is liquidous with light grey, soft, non-gritty lumps and silt</p>				
75	 <p><u>SAND: 75-98'</u> - fine grained, salt and pepper, well-sorted - < 1% coarse sand and pebbles</p>				
98	 <p>- 98' - Boulder (~1') - dark green, grainy texture, slightly carbonitized, hard, mafic grains of ~25 mm; Volcanic?</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST AMY NISHIO
 HOLE NO MR-85-207 LOCATION L 15+00W, 8+455 DEPTH 143'
 DATE STARTED JULY 13, 1985; 3:15 pm HOLE ELEVATION _____
 DATE COMPLETED JULY 13, 1985; 5:45 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'	 <p><u>GRAVEL: 99-141'</u> - abundant return, unsorted Matrix (-10 return) medium-grained, polyolithic sand, ~50-60% of return Grains (+10 return): Mafic / Felsic = 75%/25% Mafic = Sedimentary; Volcanic (25%) Felsic = Granitoids (30%) - Trace calcite; Epidote (<1%) - light grey, aphanitic, non-laminated rock fragments (10%) - rock fragments ± grains - grains are largely subround (60%) to sub-angular 120' - decrease of matrix, coarsening gravel 127'-131' - Sand Horizon: fine-grained, polyolithic, moderately well sorted - 5% coarse sand and small pebbles - grading into gravel - 135' - Return to fine sandy horizon - 136' - Cobble - 138-139' - Cobble; 139' Volcanic</p>	01	99'	105'	
110'		02	105'	115'	
120'		03	115'	125'	
130'		04	125'	135'	
140'		05	135'	141'	
		06	141'	143'	
130'	<p><u>BEDROCK: VOLCANIC? : 141-143' Andesite (Sediment?)</u> - greenish-grey, hard, slightly carbonitized, finely laminated, fine grained - 1% calcite veining - 5-10% black, aphanitic, hard, slate-like chips - <1% yellowish chips - Trace amounts of pink chips - pink quartz - <1% red granite chips? - darker green chips increases with depth to ~40%</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montgolfier - Aloigny Q-30 GEOLOGIST B. Gray
 HOLE NO HA-85-208 LOCATION 17+50W/7+50S DEPTH 111'
 DATE STARTED July 13 Night Shift 10:00 pm HOLE ELEVATION 0'
 DATE COMPLETED July 13/85 11:30 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0-1	Organics	N/S ↓			
1-87'	Lacustrine Sediments				
1-5	grey lumpy finely laminated clay				
5-15	grey silt				
15-16	dropstone horizon (?) return = 99/1 +10 = granitic mafic, sed pebbles + chips				
16-87	wet grey clay				
87-105	Gravel				
10-20	Sorted: from returns of 99/1 to 80/20 -10/110 on scale of 5'				
20-30	-10 = medium to fine grained polyolithic sands +10 = coarse sands with 210% subangular to subrd pebbles. +10 is 70% mafic, 30% felsic.				
105-110	Sandy Till ? or Gravel				
40-50	Weakly Sorted Return = 70/30 -10/110 -10 is dominantly medium grained sands +10 = coarse sand with 5% small pebble size fragments. Grains outnumber chips. +10 = 50% mafic / 50% felsic. mafic = andesite, felsic = granitoids. +10 is subrd to subang				
110	Bedrock Andesite				
60-70	Aphanitic to finegrained, grass green, weakly carbonatized, slightly schistose volc with 21% qtz-carb veining (up to 2mm wide) BR = Andesite				
111	End of Hole 111'				

KERR ADDISON MINES LIMITED


OVERBURDEN DRILL LOG

PROPERTY Q-30 GEOLOGIST B. Gray

HOLE NO NA-85-208 LOCATION 17°50'W / 71°50'S DEPTH 111'

DATE STARTED _____ HOLE ELEVATION _____

DATE COMPLETED _____

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
		N/S ↓			
110	////	01	108	110	
		02	110	111	
120					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONT GOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-209 LOCATION L 20700W, 9145S DEPTH 122.5'

DATE STARTED July 14, 1985; 12:50 a.m. HOLE ELEVATION _____

DATE COMPLETED July 14, 1985; 2:00 a.m.

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p><u>CLAY</u>: 0' - 55'</p> <ul style="list-style-type: none"> : 0-4' stiff, grey, calcareous : 4-55' soft, grey, calcareous : introduction of silt at 23' : < 1% pebbles : 10% silt, fine sand. 				
10					
20					
30					
40					
50					
60					
70					
80					
90					
100	<p><u>SILT</u>: 55' - 113'</p> <ul style="list-style-type: none"> : 60-80% silt/fine sand : 20-40% clay : < 1% angular pebbles (poly lithic) 				

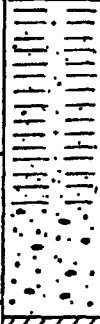
KERR ADDISON MINES LIMITED
OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - AL0IGNY GEOLOGIST DON FORD

HOLE NO MA-85-209 LOCATION L20100W, 9445S DEPTH 122.5'

DATE STARTED July 14, 1985; 12:50 am HOLE ELEVATION _____

DATE COMPLETED July 14, 1985; 2:00 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100					
110					
120		01	113'	121'	
		02	121'	122.5'	
130					

GRAVEL : 113' - 121'
 : moderately well sorted
 : 80% medium to coarse sand
 : 20% sub rounded to sub angular
 pebbles.
 : 50% grey-green, aphanitic
 volcanics
 : 30% very fine grained
 sediments (finely
 foliated.)
 : 20% granitoids.

BEDROCK : 121' - 122.5' **Andesite**
 : grey-green, aphanitic volcanic.
 : 5% carbonate veinlets (< 1/4"
 wide.)
 : moderately soft
 : 10% contamination
 from above.

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montgolfier - Alouiny (Q-30) GEOLOGIST B. Gray
 HOLE NO 11A-85-210 LOCATION L 22°50'W / 9135 S DEPTH 66 1/2'
 DATE STARTED July 13 2:30 am HOLE ELEVATION _____
 DATE COMPLETED July 13/85 3:15 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0-1	Organics				
1-61'	Lacustrine Sediments Brown, lumpy clay turning grey at 6', turning wet at 8'. 23% dropstone. More silty after 40' More fine sand after 55'				
55-61	Fine sands + minor silt				
61-65	Gravel Sorted on scale of 2' Return = 99/11 to 80/20 -10/110 -10 = fine to medium grained sands 110 = c. sands + 5-10% small pebble size chips + grains (variable) Sometimes chips outnumber grains and vice-versa. 110 grains tend to be subround 110 = 70/30 mafic/felsic. 110s = andesite (50% of 110) basalt or sod (20% of 110) felsics dominantly granitoids				
65'	Bedrock Andesite Light green, aphanitic to fine grained, non-carbonatized volcanic rk with <1% Qtz-carb threads + strings (up to 1/2 mm width) Note several slightly rusty chips BR's Andesite				
66 1/2'	End of hole = 66 1/2'				
		01	61	65	
		02	65	66 1/2	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-211 LOCATION L 32+50 W, 4+50 S DEPTH 93'

DATE STARTED July 14, 1985; 5:00 am HOLE ELEVATION _____

DATE COMPLETED July 14, 1985; 6:00 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p><u>ORGANICS</u>: 0'-6' dark brown peat, muck.</p>				
10	<p><u>CLAY</u>: 6'-75' : soft, grey, calcareous : <1% angular pebbles : 10% silt</p>				
20	<p><u>SILT</u>: 75'-86' : 80% silt / 20% clay : <1% angular pebbles : grey</p>				
30	<p><u>GRAVEL</u>: 86'-90' (Possibly <u>TILL</u>) : moderately well sorted : 80% medium to coarse grained, grey sand. : 20% pebbles: sub-rounded. : 60% dark green, aphanitic volcanics : 20% grey-green, aphanitic, finely foliated sediments. : 20% granitoids : 86' Boulder: 3" grey-green aphanitic, mafic volcanic.</p>				
40					
50					
60	<p><u>BEDROCK</u>: 90'-93' Arenite : grey-green, fine grained volcanic : slightly carbonatized (<1% quartz-carbonate veinlets (<1/8"))</p>				
70					
80					
90	<p>END OF HOLE at 93'</p>				
		01	86'	90'	
		02	90'	93'	
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-212 LOCATION L35+25W, 4+50S DEPTH 57.5'

DATE STARTED JULY 14, 1985; 9am HOLE ELEVATION _____

DATE COMPLETED JULY 14, 1985; 10:15am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY	
			FROM	TO		
0	<p><u>CLAY: 0-50'</u> 0-10': brown, soft, no grit; becomes grey and very soft at 10'; 20': 3% carbonaceous and sedimentary dropstones</p>					
10'						
20'						
30'						
40'						
50'		<p><u>SILT: 50-56'</u> grey; 0-3% dropstones: dominantly green and black volcanics and altered volcanics (aphanitic, no slaty cleavage), minor granitoids and carbonates, angular.</p>	01	55	56	
			02	56	57.5	
			03	56	57.5	
60'						
		<p><u>BEDROCK: 56-57.5'</u> Volcanic - green aphanitic, poor - no slaty cleavage - carbonaceous but <1% vein carbonate - very hard - <3% black, aphanitic volcanics; at least one contained sulfides - fracture fill? ** poor return because the rock was so hard; therefore <u>sample 02 is chips, sample 03 is fines of bedrock</u></p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LENSCH

HOLE NO MA-85-213 LOCATION L37+75 W, 4+25 S DEPTH 70'

DATE STARTED JULY 14, 1985; 10:40 AM HOLE ELEVATION _____

DATE COMPLETED JULY 14, 1985; 11:40 AM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0'	<p><u>CLAY</u>: 0-60'</p> <p>0-5': soft, brown, no grit</p> <p>5': becomes grey and very soft (thick fluid)</p>				
10'					
20'					
30'					
40'					
50'					
60'	<p><u>GRAVEL</u>: 60-68'</p> <p>- possible till</p> <p>60-62': 40-70% fine sand, 30% pebbles; - of pebbles: 60-80% grey and green volcanics (possibly some sediments), 20% granitoids; 20% angular; poorly sorted</p> <p>62-68': as above but moderately sorted, minor carbonate pebbles</p>	01	55	65	
65'		02	65	68	
68'		03	68	70	
70'	<p><u>BEDROCK</u>: 68-70' Volcanic</p> <p>- altered volcanic</p> <p>- green, carbonaceous (no veins), aphanitic, hard, no slaty cleavage</p> <p>END OF HOLE 70'</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALAIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-214 LOCATION L40+00W, 4+25S DEPTH 115'

DATE STARTED JULY 14, 1985; 12:20 pm HOLE ELEVATION _____

DATE COMPLETED JULY 14, 1985; 1:15 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0'	<p><u>CLAY: 0-88'</u></p> <ul style="list-style-type: none"> - soft to very soft ("soupy"), no grit - fine sand, silt and pebble (<5%) interbeds 				
10'					
20'					
30'					
40'					
50'					
60'					
70'					
80'	<p><u>GRAVEL: 88-113' (possibly Till)</u></p> <p>50-80% medium, poly lithic sand, 50-20% pebbles: black, green, grey volcanics and altered volcanics (possibly some meta sediments) 60-80%, 40%-20% granitoids, 5% carbonates; 25% rounded; well sorted</p>	01	88	95	
90'		02	95	105	
100'					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-214 LOCATION L40+00W, 4+25S DEPTH 115'

DATE STARTED July 14, 1985; 12:20 pm HOLE ELEVATION _____

DATE COMPLETED July 14, 1985; 1:15 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'		02	95	105	
110'		03	105	113	
120'		04	113	115	

BEDROCK: 113-115' Andesite
 - altered volcanic
 - pale green, carbonaceous (vein ^{only} ~5mm at 115'), poor - no slaty cleavage, moderately hard; <5% disseminated sulfides

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montgolfier-Alouiny Q-30 GEOLOGIST B. Gray

HOLE NO 11A-B5-215 LOCATION 67°50'W/6°25'S DEPTH 117'

DATE STARTED July 14 Night Shift 10:00 pm HOLE ELEVATION _____

DATE COMPLETED July 14/85 11:30 pm

New Bit CB 67091

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0-8	Organics				
	<u>Loastrine Sediments 8-91'</u>				
10	grey lumpy clay turning wet at 10' 1" dropstone horizon more silty after 26' 42% dropstone				
	<u>Gravel or Sandy Till? 91-105</u>				
20	Somewhat sorted Returns 95/5 -10/110. -100 fine to medium grained polyolithic sands 110 = coarse sand with 5-10% small pebble size chips and grains. Grains outnumber chips. Grains are subrd. chips tend to be of small pebble size. Matrix comprise more of the st chips than do the felsics				
30	110 = 63/35 datic/felsic. Matrix are dominantly andesitic with lesser basalt + 5% mafic intrusives. felsics are dominantly granitic. 21% gtz.				
40	95' 1" of oxidized return				
	<u>Gravel 105-116</u>				
	Sorted on scale of 4' Return varies from 99/1 to 80/20 -10/110 Composition similar to above				
50	111' dacitic cobble				
	115' note minor (trace) hematized gtz grains				
	<u>Bedrock 116' Andesite</u>				
60	Grey-green, aphanitic, finely laminated or slightly schistose weakly carbonatized walc or sed with trace gtz-carb blebs + strings Trace pyrite. BR = Andesite				
70	End of Hole 117'				
80					
90					
100		01	95	105	

KERR ADDISON MINES LIMITED













OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-216 LOCATION L72+50W, 5+00S DEPTH 165'

DATE STARTED JULY 15, 1985; 8:05 AM HOLE ELEVATION _____

DATE COMPLETED JULY 15, 1985; 9:40 AM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0'	 <p>ORGANICS: 0-5'</p>				
5'	 <p>CLAY: 5-120'</p> <p>- grey, soft, non-gritty - inter beds of medium-grained polyolithic sand and minor pebbles</p>				
10'					
20'					
30'					
40'					
50'					
60'					
70'					
80'					
90'					
100'					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-BS-216 LOCATION L72+50W, 5+00S DEPTH 165'

DATE STARTED JULY 15, 1985; 8:05 AM HOLE ELEVATION _____

DATE COMPLETED JULY 15, 1985; 9:40 AM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'					
110'					
120'					
120'	<p><u>GRAVEL: 120 - 162' (Possibly Till)</u> 50-80% pebbles, 50-20% sand; pebbles: 70-30% black aphanitic vol- canics, 10-50% green aphanitic altered volcanics, 20% granitoids, <5% carbon- ates; 20-30% rounded; sand: medium grained poly lithic; moderately well to well sorted, bimodal. 130'-140': periods of fine sand up to 60%, pebbles smaller 140': cobbles begin 152', 160': momentarily, sulfides common: <3%, nuggets and disseminated 153-162': 60% medium poly lithic sand, 40% pebbles and cobbles (153' granitoid cobble, very altered, yellowish)</p>	01	120	125	
130'		02	125	135	
140'		03	135	145	
150'		04	145	155	
160'		05	155	162	
160'		06	162	165	
170'	<p><u>BEDROCK: 162-165' Basalt</u> - volcanic - black to dark grey, aphanitic, poor to no slaty cleavage, carbonaceous but no veins, moderately hard.</p> <p>END OF HOLE 165'</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-217 LOCATION L 75+00W, 4+50S DEPTH 105'

DATE STARTED JULY 15, 1985; 9:55 am HOLE ELEVATION _____

DATE COMPLETED JULY 15, 1985; 10:30 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY		
			FROM	TO			
0'	<p>CLAY: 0-98.5'</p> <p>0-5': brown, soft, non-gritty clay + organics</p> <p>5-98.5': becomes gray, soft to very soft ("soupy")</p> <p>sand and pebble interbeds common</p>						
10'							
20'							
30'							
40'							
50'							
60'		<p>GRAVEL: 98.5 - 103' (possibly TILL)</p> <p>50-20% medium-grained, polytuffic sand, 50-80% pebbles: 80% volcanics and altered volcanics (grey, green, black aphanitic, poor slaty cleavage) + minor sulfides, 5-10% carbonates, 10-15% granitoids; 20% rounded; moderately well to well sorted</p>					
70'							
80'			<p>BEDROCK: 103-105' Subgraphitic wacke or Volcanic</p> <p>- volcanic</p> <p>- black, aphanitic, poor to no slaty cleavage, carbonaceous <3mm veins, trace sulfides, moderately hard</p>				
90'							
100'	END OF HOLE 105'	01	95	103			
		02	103	105			

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOISNY GEOLOGIST ELLEN LETSK

HOLE NO MA-85-218 LOCATION L80+00W, 4+25S DEPTH 117'

DATE STARTED JULY 15, 1985; 10:45 AM HOLE ELEVATION _____

DATE COMPLETED JULY 15, 1985; 12:00 PM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY	
			FROM	TO		
0'	<p>CLAY : 0-98'</p> <p>0-5: organics + grey, soft, non-gritty clay 5: becomes very soft ("soupy") - fine sand with a few pebbles interbedded</p>					
10'						
20'						
30'						
40'						
50'						
60'						
70'						
80'		<p>GRAVEL : 98'-115.5' (possibly TILL)</p> <p>50-70% sand, 50-30% pebbles; 90% vol- canics and altered volcanics (green, grey, black, aphanitic, poor slaty cleavage), 10% granitoids, 2% carbonates; 30% rounded; moderately well to well sorted; sand matrix: medium-grained, poly lithic</p>				
90'						
100'		01	98	105		

KERR ADDISON MINES LIMITED


OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-218 LOCATION L80+00W, 4+25S DEPTH 117'

DATE STARTED JULY 15, 1985; 10:45am HOLE ELEVATION _____

DATE COMPLETED JULY 15, 1985; 12:00pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'	 <p><u>BEDROCK</u>: 115.5 - 117' Sediment or Volcanic green, aphanitic, no carbonate veins, poor reaction to HCl, no slaty cleavage; <5% black, aphanitic volcanics; hard -altered volcanic</p>	01	98	105	
110'		02	105	115.5	
120'		03	115.5	117	
		END OF HOLE 117'			

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-219 LOCATION L 82+50 W, 4+25 S DEPTH 133'

DATE STARTED JULY 15, 1985; 12:15 pm HOLE ELEVATION _____

DATE COMPLETED JULY 15, 1985; 1:50 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY	
			FROM	TO		
0	<p>CLAY: 0-88'</p> <p>0-5': grey, moderately firm, no grit</p> <p>5': becomes very soft, often 'soupy' with interbeds of medium-grained poly-lithic sand and a few pebbles</p>					
10						
20						
30						
40						
50						
60						
70						
80		<p>GRAVEL: 88-131'</p> <p>50% medium-grained, poly-lithic sand, 50% pebbles: 70-90% volcanics, altered volcanics and sediments (dark aphanitic, few with slaty cleavage), 10-30% granitoids; 10-30% round; well-sorted.</p> <p>110-111': fine-medium grained poly-lithic sand increases to 80-90%</p> <p>112' - cobbles begin (example carbonate, green aphanitic volcanic with euhedral feldspar laths □) 125-131': poor-moderate sorting</p>				
90			01	88	95	
100	02		95	105		

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-219 LOCATION L82+50W, 4+25 S DEPTH 133'

DATE STARTED JULY 15, 1985; 12:15 pm HOLE ELEVATION _____

DATE COMPLETED JULY 15, 1985; 1:50 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'	<p> BEDROCK: 131-133' Subgraphitic schist -black, aphanitic, moderately developed slaty cleavage - turns water black ... probably contains graphite -abundant sulfides (5%) especially in the fines, massive at 133' (4mm chips), increasing to <10% ; 1% carbon- aceous veins (2mm); soft. </p>	02	95	105	
110'		03	105	115	
120'		04	115	125	
130'		05	125	131	
		06	131	133	
140'					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-220 LOCATION L 85+00 W, 4+25S DEPTH 103'

DATE STARTED JULY 15, 1985; 2:10 pm HOLE ELEVATION _____

DATE COMPLETED JULY 15, 1985; 3:50 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p><u>CLAY</u>: 0-96'</p> <p>- gray, non-gritty, moderately soft to very soft and "soupy"</p> <p>- medium to coarse grained, poly lithic sand interbeds, with 10-15% pebbles: carbonates, volcanics, granitoids equal</p>				
10'					
20'					
30'					
40'					
50'					
60'	<p><u>GRAVEL</u>: 96-101' (Possibly TILL)</p> <p>50% fine to medium-grained poly lithic sand, 50% pebbles: 50-70% grey, green black, aphanitic volcanics and altered volcanics, some with a shiny, greasy lustre (graphitic?); balance were granitoids and carbonates; 30% rounded; moderately well sorted</p> <p>100': 80% of pebbles were carbonate - probably a cobble</p> <p>100.5': massive and disseminated sulfides 1%</p>				
70'					
80'					
90'					
90'	<p><u>BED ROCK</u>: 101'-103' altered volcanic? or greywacke (graphitic)</p> <p>- very hard; 90% aphanitic, carbonaceous pale grey, 2% cubic pyrite; 5-10% black, greasy lustre, good cleavage, magnetic (magnetite?)</p> <p>102: carbonaceous vein of at least 3mm</p> <p>102.5: chips larger and more altered, more yellow; unit probably contains sand seams</p>				
100'		01	96	101	
		02	101	103	
	END OF HOLE 103'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-221 LOCATION L92+50W/L92+60W, 7+25S DEPTH 109.5'

DATE STARTED JULY 15, 1985; 4:20 pm HOLE ELEVATION _____

DATE COMPLETED JULY 15, 1985; 6:00 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0'	* * CLAY : 0 - 98'				
10'	0-5' : soft, brown, non-gritty 5-98' : becomes grey, often soupy - interbeds of medium, polyolithic sand and pebbles (equal amounts of carbonates, granitoids and volcanics) present				
20'					
30'					
40'					
50'					
60'					
70'					
80'	GRAVEL : 98 - 112' * (possibly TILL) 50% medium grained, polyolithic sand, 50% pebbles : 70-90% volcanics and altered volcanics (possibly some metasediments - grey, green, black, aphanitic, poor cleavage), 5% carbonates, 30-10% granitoids; moderately well sorted, 30% rounded. 105' : cobbles begin				
90'	* ROD BROKE AT 112' AT L 92+50W - IN BEDROCK. HOLE 'B' AT L92+60W - BEDROCK REACHED AT 107'				
100'		01	98	105	

KERR ADDISON MINES LIMITED


OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-221 LOCATION L92+50W/L92+60W, 7+25S DEPTH 109.5'

DATE STARTED JULY 15, 1985; 4:20pm HOLE ELEVATION _____

DATE COMPLETED JULY 15, 1985; 6:00pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'	 <p style="text-align: center;">Basalt</p> <p><u>BEDROCK</u>: 107' - 109.5' (@ L92+60W)</p> <p>- altered volcanic - dark green, aphanitic, poor - no cleavage, hard, pervasive alteration (no veins)</p>	01	98	105	
110'		02	105	112	
		03	@ L92+60W 107	109.5	
120'	<p>END OF HOLE :</p> <p>112' @ L92+50W</p> <p>109.5' @ L92+60W</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-222 LOCATION L95+00W, 6+90 S DEPTH 160'

DATE STARTED July 15, 1985 7:30 pm HOLE ELEVATION _____

DATE COMPLETED July 15 10:05 pm

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	CLAY: 0-93'				
	0-6' - soft, brown clay				
	6'-93' - soft, grey, calcareous clay - 1% grit, 1/2% pebbles				
10	40' - 4% grit, 1% pebbles				
	60' - 1% grit, 0% pebbles				
20	GRAVEL: 93'-144'				
	- water table				
	- moderately sorted				
	- 30-40% medium grained sand, 5% pebbles, 55-65% clay assumed				
	- 30% rounded clasts				
30	- large volume of sample return				
	- cobbley				
	102' - 3" granite cobble				
	106' - moderately to well sorted				
	- 60% fine to medium grained sand, 5% pebbles, 35% clay assumed.				
40	109' - 5" fine grained, grey cobble with 5% fine pyrite on fractures				
	111' - 3" green volcanic cobble				
	112' - 20-30% sand, 5% pebbles, 65-8% clay assumed.				
50	- 80-90% of clasts are volcanic.				
	113'-116' - cobbley				
	116'-117' - grey, stiff clay seam, very calcareous				
	119' - 4" pink granite cobble				
60	119.5' - 6" dark green volcanic cobble				
	121' - 5" grey, aphanitic cobble.				
	122' - 9" sand seam				
	123' - 5-10% medium grained pyrite in medium green, fine grained pebbles				
70	130' - 50-70% medium grained sand, 20% pebbles, 10-30% clay assumed.				
	130.5' - 1' dark green volcanic boulder				
	140' - occasional coarse pyrite cubes				
80					
90					
100		01	93	105	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-222 LOCATION L 95+00W, 6+90S DEPTH 160'

DATE STARTED July 15, 1985 7:30 pm HOLE ELEVATION _____

DATE COMPLETED July 15, 1985 10:05 pm

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100	0				
	TILL: 144' - 153'	01	95	105	
	- poorly sorted				
	- 50% fine sand, 10% medium sand,				
	5-10% pebbles, 30% clay assumed				
110	- angular clasts	02	105	115	
	- one clay ball				
	149' - 151' - 3% dark green, aphanitic				
	pebbles with 15% coarse				
120	pyrite	03	115	125	
	151' - 6" dark green, aphanitic cobble				
	BEDROCK: 153' - 160' Subgraphitic wacke				
	- dark grey, aphanitic	04	125	135	
130	- soft, hardness ≈ 3				
	- weak foliation				
	- very carbonaceous → carbon (graphitic)				
	- 2-5% coarse pyrite crystals				
	- fractured				
140	158' - 159' - oxidized zone	05	135	145	
	- dark brown alteration along				
	fractures				
	- return water changed from				
	grey to brown				
150	- 10% coarse pyrite	06	145	153	
	153' - 155' - 20% contamination from				
	above so not sampled				
160	S	07	155	160	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montgolfier-Alouay Q-30 GEOLOGIST B. Gray

HOLE NO MA-85-223 LOCATION 72⁺⁵⁰ W/24⁺²⁵ S DEPTH 114'

DATE STARTED July 16/85 10:00 pm HOLE ELEVATION _____

DATE COMPLETED July 16/85 1:30 am

New bit at 82' = C867092

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0-5	Organics				
5-60'	Lacustrine Sediments				
5-8	Lumpy grey calcareous clay with 5% coarse sand				
8-12	More silty				
12-40	Wet brownish-grey clay				
40-47	Grey silt and fine sand				
47-60	fine to medium grained sand - 20% mafic flecks				
60'-112 1/2'	Gravel				
60-70	Return = 99/1 to 80/20 -10/110 -10 = f.-m. sands (dominantly fine) with 20% mafic flecks, 15% granitic flecks 110 = c. sand with 5-20% small pebble size chips and grains (variable) chips and grains in equal proportions. Grains tend to be subrd. 110 = 70/30 mafic/felsic = 60% basalt, 10% andesite, 10% argillite, 15% granitoid, 1% rusty diorite, 1% epidotized volcanics. Composition variable depending on cobble drilled.				
61'	2" mafic cobble				
70-75'	Coarser - Pebbles + Small Cobbles Well Sorted Return = 60/40 to 90/10 -10/110	01	60	65	
70'	Note 1% hematized qtz grains in 110				
71'	Basalt cobble				
75-76	Fine Sands	02	65	75	
76-81 1/2'	Finer gravel - Similar to 60'-70'				
80'	Dioritic cobble				
81'	1% rusty sed chips	03	75	85	
81 1/2-100	Coarser - Cobbles + Small Boulders Return = 70/30 -10/110 Same -10 washed in. Chips greatly outnumber grains in 110 Grains are subround 110 = 80% mafic volc, 20% granitoid, Tr py in volcs.				
84 1/2'	6" andesite boulder				
85'	Granitic cobble				
86'	1' Andesite boulder				
90'	3" andesite boulder	04	85	95	
100'		05	95	105	

Cont

KERR ADDISON MINES LIMITED




OVERBURDEN DRILL LOG

PROPERTY Q-30 GEOLOGIST B. Gray

HOLE NO MA-85-223 LOCATION 72°50'W / 24°25'S DEPTH 114'

DATE STARTED _____ HOLE ELEVATION _____

DATE COMPLETED _____

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	 <p>95' andesite cobble w 2% qtz-carbonate inlets to 3mm 100' felsic tuff cobble - no visible sulphides</p>	05	95	105	
110	 <p>100-105 Finer Gravel Return = 75/25 - 10/110 +10 dominantly c. sands. grains outnumber chips. +10 contains 5% non-gritty clay (washed in - shake down)</p>	06	105	112.5	
	 <p>105-112.5 Finer (Sands) Return = 98/2 - 10/110 +10 = c. sands - 70/30 mafic/felsic</p>	07	112.5	114	
120	<p>109' andesite cobble 111' dacite cobble</p> <p><u>Bedrock 112.5' Basalt</u></p> <p>Army green, fine grained, slightly schistose, non carbonatized volcanic with 2-1% qtz veining. Moderately hard. Tr Py - cubes to 1/2 mm. Minor washing in. Tr epidote at 114' Bl - Basalt w Tr Py</p> <p>End of Hole = 114'</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montgolfier - Aloigny Q-30 GEOLOGIST B. Gray

HOLE NO HA-85-224 LOCATION 75¹⁰⁰W/23¹²⁵S DEPTH 30'

DATE STARTED July 16 Night Shift 2:00am HOLE ELEVATION _____

DATE COMPLETED July 16 /85 3:00am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	<u>Lacustrine Sediments 0-20'</u>				
	<i>Lumpy grey calcareous clay - slightly sandy wetter after 8'</i>				
10	<i>11' 1" dropstone horizon</i>				
	<i>18' Medium grain andesitic cobble</i>				
	<u>Gravel or Sandy Till (?) 20-27</u>				
20	<i>Weakly sorted Return = 80/20 -10/110. -10 = fine to medium sands with 15% mica flecks +10 = c. sand with 5% small pebble size fragments. Chips outnumber grains. Grains tend to be subangular</i>				
	<i>110 = 80/20 fatic/felic. Latics are dominantly basalt with 1% banded iron formation. Felsics dominantly granitic with 1% rhyolite + 1-2% rusty qtz.</i>	01	25	27	
30	<i> </i>	02	27	30	
40	<u>Bedrock 27' Basalt</u>				
	<i>Army green, fine grained, slightly substo moderately carbonatized volcanic. e28 1/2' Qtz-carb vein (dominantly carb) 7cm wide with Tr Py - cubes to 1/2 mm. No visible sulphides in basalt BR = Basalt : carbonatized</i>				
	<i>End of Hole = 30'</i>				

KERR ADDISON MINES LIMITED
OVERBURDEN DRILL LOG

PROPERTY Montgolfier - Ailoigny GEOLOGIST B. Gray
 HOLE NO 1A-85-225 LOCATION 77°50' W / 22°50' S DEPTH 59'
 DATE STARTED July 16 Night Shift 3:00 am HOLE ELEVATION _____
 DATE COMPLETED July 16/85 4:15 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0-4	Organics <u>Lacustrine Sediments 4-43</u>				
4-14	<i>lumpy, finely laminated, calcareous grey clay with < 2% dropstone</i>				
14-38	<i>Grey silt and fine sand with 1% t10 (c. sand)</i>				
38-43	<i>Fine Sands</i>				
43-57 1/2	<u>Gravel</u> (Possibly Till) Somewhat Sorted Return = 80/20 to 99/1 -10/t10 t10 = coarse sand with 5% pebble. Grains outnumber chips. Grains tend to be subround to round. t10 = 70/30 mafic/felsic. Slates dominantly volcanic with 10% sed (banded iron & plus argillite) felsics dominantly intrusive, 1% free qtz, 3% felsic tuff.				
49-57 1/2	<u>Courser- pebbles and small cobbles</u> chips and grains in equal proportion in t10. t10 = 85/15 mafic/felsic. Abundant fines washing in				
49'	1cm andesite chip with 30% finely disseminated py				
50	50 medium grained andesite cobble	01	43	55	
52	52 medium grained andesite bldr - 8"				
55-57 1/2	Return = 75/25 -10/t10 Pebbles increase to 35% of t10.				
56'	Note Py (or cpy?) in sed chip	02	55	57 1/2	
57'	qtz-felds tuff cobble	03	57 1/2	59	
57 1/2'	<u>Bedrock</u> Volcanic				
70	<i>Grey-green, fine grained, sheared, slightly talcose volc. 3% qtz-carb veinling to 1/2 cm. Host volc not carbonatized - carb only in veins and as microfracture fill. No visible sulphides</i> BR = Altered Volcanic End of Hole = 59'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montgothier - Alouany GEOLOGIST B. Gray

HOLE NO 1A-85-226 LOCATION 80¹⁰⁰ W / 21¹⁵⁰ S DEPTH 80'

DATE STARTED July 16 Night Shift 4:30 am HOLE ELEVATION _____

DATE COMPLETED July 16/85 6:00 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0-4	Organics				
	<u>Lacustrine Sediments 4'-47'</u>				
10	Finely laminated, lumpy, grey, calcareous clay + minor silt. 21% dropstone Clay turns wet				
25'	More silty				
41-47	Fine sands + silt - 15% mafic flecks				
20	<u>Gravel 47-78 1/2'</u>				
	Moderately Sorted Return = 91/1 to 60/40 -10/110 -10 = fine to medium sands +10 = coarse sand with 5-10% small pebble size fragments. Grains outnumber chips. Grains tend to be subround to round. +10 = 70/30 to 90/10 (average 80/20) mafic/felsic. = 45% basalt, 20% andesite, 20% sed, 10% quartzoid, 2% fregtz, 1% rhyolite.				
40					
48-70	Sands - Part of gravel fine to coarse grained 22% pebble loosing return - strong back pressures				
50	56'	01	47	55	
	56-64 Return = 65/35 -10/110 +10 = c. sands, 21% pebble				
60	64-67 Return = 80/20 -10/110 +10 = c. sands, 21% pebble. +10 pebbles still round to subround	02	55	65	
70	70-78 1/2' Coarser - Less well sorted (Possibly Till) Return = 80/20 -10/110. Chips outnumber grains 20% pebble in +10 then down to 10% 2% qtz-carb chips in +10	03	65	75	
	70-73 77'				
	<u>Bedrock 78 1/2'</u> Cherty sediment	04	75	78 1/2	
80	Very hard, grey with green tinge, fine grain finely laminated, non carbonated sed. with 21% carbonate fracture fill + veinlets to 2mm. Tr Py in host. BR = Cherty Sediment	05	78 1/2	80	
90	End of hole 80'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-227 LOCATION L82+50W 21+75S DEPTH 120.5'

DATE STARTED JULY 17, 1985; 7:20 AM HOLE ELEVATION _____

DATE COMPLETED JULY 17, 1985; 9:45 AM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY	
			FROM	TO		
0'	<p>CLAY: 0-30' - gray, soft to very soft and soupy; no grit, few pebbles (dropstones)</p>					
10'						
20'						
30'		<p>SAND: 30-35' - medium-grained, poly lithic</p>				
40'		<p>GRAVEL: 35'-118' (Possibly TILL) 35-35.5': fine sand 35.5-40': 90% fine sand, salt & pepper colour 10-30% pebbles: 50% granitoids, 50% volcanics and dark aphanitic sediments; 10% rounded, moderately sorted 40': increase in pebble sand ratio - pebbles 50-80%: 90% volcanics and dark, aphanitic sediments, 5-10% granitoids, 0-5% carbonates 50-20% sand; moderately well sorted, 5-10% rounded. 70': cobbles begin; sorting alternates between poor-moderate and moderate-well sorted, as drill passes through cobbles 77-78.5' black, aphanitic, graphitic boulder</p>	01	55	65	
50'			02	65	75	
60'			03	75	85	
70'			04	85	95	
80'			05	95	105	
90'						
100'						

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-227 LOCATION LB2+50W 21+75S DEPTH 120.5

DATE STARTED JULY 17, 1985 ; 7:20 AM HOLE ELEVATION _____

DATE COMPLETED JULY 17, 1985 ; 9:45 AM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'	<p>BEDROCK: 118-120.5' Volcanic</p> <ul style="list-style-type: none"> - Volcanic - black, aphanitic, poor - no slaty cleavage, moderately hard - pervasive carbonation as well as carbonate veins of at least 2mm - veins not common - $\leq 1\%$ disseminated, anhedral sulfides of 2mm maximum 	05	95	105	
110'		06	105	115	
		07	115	118	
120'		08	118	120.5	
	END OF HOLE 120.5'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-228 LOCATION L85+00W, 21+00S DEPTH 113'

DATE STARTED July 17, 1985; 10:00 AM HOLE ELEVATION _____

DATE COMPLETED July 17, 1985; 12:10 PM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'		07	95	105	
110'		08	105	110	
		09	110	113	
120'					

BEDROCK: 110' - 113' Arsenite or tuff
 grey, poor - no slaty cleavage, moderately soft
 - pervasive carbonation, strong reaction to acid; also 2mm vein of carbonate at 112.5'
 - 5% cubic pyrite, up to 2 mm
 - probably volcanic

END OF HOLE: 113'

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-229 LOCATION L87+50W 20+25S DEPTH 114'

DATE STARTED JULY 17, 1985; 12:30 pm HOLE ELEVATION _____

DATE COMPLETED JULY 17, 1985; 3:40 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY	
			FROM	TO		
0'	<p>CLAY: 0-31'</p> <p>0-15' grey, moderately firm, non-gritty, minor pebbles</p> <p>15' : soft, often 'soupy'; probably interbeds of medium grained sand and 10-15% pebbles</p>					
10'						
20'						
30'		<p>GRAVEL: 31-110'</p> <p>50% fine-to medium-grained, polyolithic sand,</p> <p>50% pebbles: 70-80% dark, aphanitic volcanics and sediments (minor magnetic pebbles with poor cleavage), 20-30% granitoids, 0-5% carbonates;</p> <p>- moderately well sorted; 30% rounded</p> <p>63-110' : cobbly - very cobbly</p> <p>91-92' : gritty clay balls 10-15% (clay cobble?)</p>				
40'						
50'			01	41	55	
60'			02	55	65	
70'			03	65	75	
80'			04	75	85	
90'		05	85	93.5		
100'	06	93.5	101.5			

KERR ADDISON MINES LIMITED


OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-229 LOCATION 187+50W, 20+25S DEPTH 114'

DATE STARTED JULY 17, 1985; 12:30 pm HOLE ELEVATION _____

DATE COMPLETED JULY 17, 1985; 3:40 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'	 <p>BEDROCK: 110-114' Argillite or Volcanic</p> <ul style="list-style-type: none"> - rust coloured water and rock chips becoming yellow and finally pale grey with depth. - carbonaceous, moderately soft, poor to no slaty cleavage - probably fractured as 'rust' returned and left again. <p>* RODS PULLED AT 109' BECAUSE THEY WERE JAMMED IN A BOULDER. THERE WAS AN OVERLAP IN SAMPLING WHEN THE RODS AND A NEW BIT WERE PUT BACK IN.</p> <p>END OF HOLE: 114'</p>	07	101.5	109*	
		08	105*	110	
110'		09	110	114	
120'					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOISNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-230 LOCATION L90+00W, 19+50 S DEPTH 143'

DATE STARTED JULY 17, 1985; 4:05 pm HOLE ELEVATION _____

DATE COMPLETED JULY 17, 1985; 6:20 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0'	<p>CLAY : 0-48'</p> <p>0-5: organics and grey, soft, non-gritty clay</p> <p>5-35: water colour indicates clay; so fine it was washing through; medium-grained polyolithic sand present, possibly interbeds</p> <p>35-48': very soft; soupy grey clay, non-gritty</p>				
50'	<p>GRAVEL: 48-140'</p> <p>60-90% fine to medium-grained polyolithic sand; 40-10% pebbles: 70-90% volcanics and altered volcanics (black, green, aphanitic, trace pyrite, 3% magnetic), 10-20% granitoids, 0-5% carbonates; 20% rounded; well sorted</p>	01	48	55	
60'	<p>69': cobbles begin</p> <p>112'-114.5' boulder: silver-grey, poor slaty cleavage, aphanitic; carbonaceous veins of at least 2mm, not abundant</p>	02	55	65	
70'	<p>139-140': 5-10% clay (clay cobble?)</p>	03	65	75	
80'		04	75	85	
90'		05	85	95	
100'		06	95	105	

KERR ADDISON MINES LIMITED


OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-230 LOCATION L 90+00 W, 19+50 S DEPTH 143'

DATE STARTED JULY 17, 1985; 4:05 pm HOLE ELEVATION _____

DATE COMPLETED JULY 17, 1985; 6:20 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'	 <p><u>BEDROCK: 140' - 143'</u> Arenite - yellowy-grey, moderately hard, poor cleavage, aphanitic - pervasive carbonation, no veins - probably fractured with sand seams containing volcanics and granitoids; it is possible that it is a large boulder - hole stopped at end of shift when rods jammed.</p> <p>END OF HOLE: 143'</p>	06	95	105	
110'		07	105	112	
120'		08	112	115	
130'		09	115	125	
		10	125	135	
140'		11	135	140	
		12	140	143	
150'					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONT GOLFIER - ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-231 LOCATION L90+00W. 24+50S DEPTH 67'

DATE STARTED July 17, 1985; 7:30 pm HOLE ELEVATION _____

DATE COMPLETED July 17, 1985; 8:30 pm

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p><u>CLAY</u> : 0'-56'</p> <ul style="list-style-type: none"> : 0-7' : stiff, medium brown : 7'-56' : soft, grey, calcareous <li style="padding-left: 20px;">: 2-5% angular, poly lithic dropstone pebbles <li style="padding-left: 20px;">: 10% silt, fine sand. : 17' : 40% silt, fine sand. : 20' : 10-15% silt, fine sand. 				
10					
20					
30					
40					
50					
60	<p><u>SAND</u> : 56'-60'</p> <ul style="list-style-type: none"> : well sorted, grey, 5% rounded pebbles 				
60	<p><u>SAND TILL</u> : 60'-64.5'</p> <ul style="list-style-type: none"> : poorly sorted : 10% silt/clay : 60-70% sand : 20-25% pebbles : sub angular <li style="padding-left: 20px;">: 60% dark green, fine grained volcanics <li style="padding-left: 20px;">: 20% grey-green, fine grained, finely foliated sediments <li style="padding-left: 20px;">: 20% granitoids <li style="padding-left: 20px;">: 1% iron formation : 62' well sorted, grey sand lens (2') <li style="padding-left: 20px;">: 5% rounded pebbles 	01	60'	64.5'	
60		02	64.5'	67'	
70	<p><u>BEDROCK</u> : 64.5'-67' Basalt</p> <ul style="list-style-type: none"> : fine grained, finely foliated medium to dark green volcanic : sheared, banded (light/dark green) : 5% carbonate veinlets : 1-2% finely disseminated pyrite 				

END OF HOLE AT 67'

KERR ADDISON MINES LIMITED


OVERBURDEN DRILL LOG

PROPERTY Montgolfier - Alouiny Q-30 GEOLOGIST B Gray

HOLE NO HA-85-232 LOCATION L 87+50 W/ 25+25 S DEPTH 49'

DATE STARTED July 17 Night Shift 8:45pm HOLE ELEVATION _____

DATE COMPLETED July 17/85 9:30pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0-3	Organics				
	<u>Lacustrine Sediments 3-44</u>				
10	Brown clay turning grey at 5'. Finely laminated and lumpy, calcareous, 2% dropstone				
13-44	Fine Sands - brnsh grey - 10% mafic flecks 1% +10				
20	<u>Sandy Till 44-46'</u> Unsorted and high % local clasts Return: 85/15 -10/110 -10% f.-m. sands +10 = c. sands with 5% small pebble size fragments. grains are subangular to subrd.				
30	+10 = 80/20 mafic/felsic. = 75% basalt, 5% andesite, 10% granitoids, minor epidotized felsic intrusives; 10% other				
	Gas produced by hole - little washing in.				
40	<u>Bedrock 46 Basalt - Schistose</u> grey-green (army green), fine grain, slightly schistose, non carbonatized mafic volc. Tr - 2% finely disseminated Py. 1% carbonate fracture + microfracture fill. Top 1' contains 40% slightly rusty chips. Note rusty selvage on qtz-carb veinlet at 47'. Rusty chips appear to be related to banding				
50	 band of rusty, lighter green material with py selvage host basalt with py	01	44	46	
		02	46	49	
60	Bk = Basalt? with localized carbonate all End of Hole 49'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-B5-233 LOCATION L B5700W, 26700S DEPTH 35'

DATE STARTED July 17, 1985; 9:40 pm HOLE ELEVATION _____

DATE COMPLETED July 17, 1985; 10:45 pm

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY	
			FROM	TO		
0	<p><u>CLAY</u> : 0' - 31'</p> <ul style="list-style-type: none"> : 0'-4' : moderately stiff grey-brown : 4'-8' : soft, grey, calcareous : 8'-18' : soft, grey, calcareous <li style="padding-left: 20px;">: 17% angular, poly lithic dropstone pebbles <li style="padding-left: 20px;">: 5% silt, sand : 18'-31' : soft, grey, calcareous 					
10						
20						
30		<p><u>SAND TILL</u> : 31' - 32.5'</p> <ul style="list-style-type: none"> : poorly sorted : 10% silt, clay : 70-90% sand : 10-20% pebbles : subangular <li style="padding-left: 20px;">: 70% fine grained, dark green volcanics <li style="padding-left: 20px;">: 20% fine grained, grey-green sediments <li style="padding-left: 20px;">: 10% granitoids <li style="padding-left: 20px;">: 1% iron formation 	01	31'	32.5'	
35			02	32.5'	35'	
40		<p><u>BEDROCK</u> : 32.5' - 35' Basalt or Arenite</p> <ul style="list-style-type: none"> : hard, fine grained, dark green mafic volcanic : 5% carbonate veinlets (< 1/4") : slightly carbonatized. <p>END OF HOLE AT 35'</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montgolfier - Alogny Q-30 GEOLOGIST B. Gray
 HOLE NO MA-85-234 LOCATION L 82°50' W / 26°17' S DEPTH 42'
 DATE STARTED July 17 Night Shift 10:45 pm HOLE ELEVATION _____
 DATE COMPLETED July 17/85 11:45 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0-3	Organics				
	<u>Lacustrine Sediments 3-28</u>				
10	lumpy grey clay - calcareous, slightly gritty 2% dropstone = coarse sand				
10-28	Grey silt and fine sand				
27	Dioritic cobble				
	<u>Gravel? 28-40'</u>				
20	Modestly well sorted (drill response) return averages 80/20 -10/10. -10 = fine to medium grained sand t10 = coarse sands with 15% pebble. grains outnumber rk chips and are subrd. t10 = 80/20 felsic/felsic.				
30	70% basalt, 5% sed (argillite) 2% magnetic iron formation, 1% gabbro, 15% granitoids, 1% free qtz, 5% other felsic intrusives.	01	28	35	
40	After 33' Coarser rare chips in t10	02	35	40	
	e34' Dioritic cobble	03	40	42	
	35-40 Pebbles increase to 10-20% of t10 (variable)				
	36' basalt cobble				
50	34 1/2 rusty return for 6". Note massive sulphide pebble in t10 = finely disseminate py aggregate = 1 cm around, angular.				
	<u>Bedrock 40-42 Schistose volcanic or arenite</u>				
	fine grain, dark limy and army green chips of schistose, non carbonated rk with 2% qtz-carb veinlet chips in top 6" = veinlets to 3mm width, dominantly qtz. Tr py in host - cubes to 1mm, No visible sulphides in veinlets				
40 1/2'	30% qtz-carb chips in t10 2% qtz carb chips in last 3" of hole				
	End of Hole = 42'				

KERR ADDISON MINES LIMITED




OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-B5-235 LOCATION L80+00W, 26+50S DEPTH 16'

DATE STARTED July 18, 1985; 12:03 am HOLE ELEVATION _____

DATE COMPLETED July 18, 1985; 1:00 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
	<u>ORGANICS</u> : 0'-2' : dark brown peat, muck				
	<u>CLAY</u> : 2'-12' : moderately stiff to soft, grey calcareous				
10		01	12'	13'	
	<u>SAND TILL</u> : 12'-13' : poorly sorted : 10% silt/clay : 60-70% sand : 20-25% pebbles: subangular : 70% dark green, fine grained volcanics : 20% grey-green, fine grained, finely foliated sediments. : 10% granitoids	02	13'	16'	
20					
	<u>BEDROCK</u> : 13'-16' Greywacke : yellow-brown to grey, fine grained greywacke : very hard : 2% finely disseminated pyrite : 5% quartz veinlets ($\leq 1/4''$) : interbeds of grey-green, fine grained greywacke.				
	END OF HOLE AT 16'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montgolfier-Aloisay Q-30 GEOLOGIST B. Gray

HOLE NO MA-85-236 LOCATION L 77°50'W / 27°50'S DEPTH 52'

DATE STARTED July 17/85 1:20 am HOLE ELEVATION _____

DATE COMPLETED July 17 Night Shift 2:40 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0-1	Organics				
	<u>Lacustrine Sediments 1-26</u>				
10	finely laminated, lumpy, clay - calcareous ± 1% dropstone. Brown turning grey at 7'. clay has 5% fine to medium grained sand.				
0-15	grey silt, fine sand + wet clay				
15-25	grey silt				
25-26	polylitic fine sands - 15% mafic flecks				
26-49	<u>Gravel? 26-49</u> Weakly Sorted Return = 90/10 - 10/110.				
30	110 = coarse sand + 5% small pebble size chips + grains. Grains outnumber chips. Grains are subround.	01	26	35	
40	110 = 70/30 mafic felsic. Felsics are dominantly basalt with 2% magnetic iron formation sed. Felsics dominantly granitic with 3% sandstone, 2% free qtz.	02	35	45	
40-49	28-29 Slightly coarser horizon (large mafic pebbles) 23' Note Tr free Py in 110 After 32' Coarser	03	45	49	
50	More rk chips and now chips = grains. Weakly sorted on scale of 1-2'. Return from 90/10 to 80/20 - 10/110	04	49	52	
34-35	110-90% very coarse sand + for very small pebbles				
35'	3" granitic rich horizon = c. sands				
39'	3" kiwi green fine-medium grain sed cobble with Tr Py (glauconite??)				
42'	medium grain andesite cobble				
44'	Note Tr Py in graphitic chip				
44'	andesitic cobble				
45'	Tr fuchsite(?) in strongly sheared chip				
45'	Slightly oxidized return for 1"				
45 1/2'	Dioritic cobble then granitic cobble				
48'	1% hematized qtz chips in 110				
49'	kusty return for 1" - Gossan?				
	<u>Bedrock 49-52</u> Volcanic or Siltstone				
	Light green, fine to medium grained (dominantly fine (45% m.g.)) slightly schistose and finely laminated (3mm bedding). Somewhat grainy texture. Tr finely disseminated Py. 2% qtz veinlets with Tr Py				
at 50 1/2'	Becomes lighter, limey green				
51 1/2'	5% rusty chips				
	25% qtz chips in 110				
52'	loose qtz chips				
	BR = Siltstone w Tr Py End of hole 52'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONT GOLFIER - ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-237 LOCATION L 75 +00W, 28+255 DEPTH 28'

DATE STARTED July 18, 1985; 2:50 am HOLE ELEVATION _____

DATE COMPLETED July 18, 1985; 3:45 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
10	<p><u>CLAY</u> : 0'-20'</p> <ul style="list-style-type: none"> : moderately stiff to soft, grey, calcareous : 15% silt, sand : 1% angular polythia pebbles 				
20	<p><u>SILT</u> : 20'-28'</p> <ul style="list-style-type: none"> : grey, well sorted 				
30	<p><u>SAND TILL</u> : 28'-36'</p> <ul style="list-style-type: none"> : poorly sorted : 10% silt/clay : 70-80% sand : 10-25% pebbles 	01	28'	36'	
40	<p><u>SAND TILL</u> (continued)</p> <ul style="list-style-type: none"> : subangular : 50% dark green, fine grained mafic volcanics : 30% grey-green, finely foliated sediments : 20% medium grained granitoids 	02	36'	38'	
	<p><u>BEDROCK</u> : 36'-38' Basalt</p> <ul style="list-style-type: none"> : grey-green, fine grained, finely foliated, sheared volcanic. : 1% finely disseminated pyrite : 2% quartz-carbonate veinlets : slightly carbonatized 				
	<p>END OF HOLE AT 38'</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montgolfier - Alogay Q-30 GEOLOGIST B. Gray

HOLE NO 1A-85-238 LOCATION L 72+50 W / 28+50 S DEPTH 28 1/2'

DATE STARTED July 17 Night Shift 4:00am HOLE ELEVATION _____

DATE COMPLETED July 17/85 5:15am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0-1	Organics				
1-11'	Lacustrine Sediments				
10	finely laminated, lumpy, calcareous grey clay slightly gritty (5% fine-medium sand)				
8'	Clay turns wet				
10'	Coarse sand horizon - 4"	01	11	15	
11-25	Pebbly Till ?				
20	Unsorted Return = 90/10 -10/110 -10 = f.-m. sands, dominantly fine. 110 = c.sand with 10% small pebble size chips + grains. grains outnumber chips.	02	15	25	
25-28 1/2	110 = 80/20 mat/felsic. = 50% basalt, 25% andesite, 5% sed (argillite + minor iron formation) ~20% granitic, 1% free qtz.	03	25	28 1/2	
13'	Basalt cobble				
15'	Note lime green schistose chips with 1% Py				
16'	Note galena in felsic intrusive chip				
19'	Note free Py grains				
21'	4" andesite bldr in Tr Py - cubes to 2mm				
22'	2 1/2" andesite bldr				
24 1/2'	6" till seam				
25-28 1/2	Bedrock Basalt fine grained, army green, schistose mafic volc. with 10-15% qtz-carb chips (dominantly qtz - 1% of which are rusty) Volc. is not carbonatized - carbonate fracture fill + veinlets only. Volc. is only of moderate hardness. After 26 1/2' qtz-carb veinlet chips decrease to 10% of 110 and are barren. Tr Py in volc and near veinlets but not as selvaige. At 28' 10% qtz-carb veinlet chips with rusty selvaige. 28-28 1/2 1% qtz-carb chips.				
	BR = Basalt				
	End of Hole 28 1/2'				

KERR ADDISON MINES LIMITED



OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-239 LOCATION 67+50W, TL 12+50S DEPTH 125'

DATE STARTED JULY 18, 1985; 8:55 AM HOLE ELEVATION -

DATE COMPLETED JULY 18, 1985; 10:00 AM

DEPTH 0 ft	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	 <p>ORGANICS: 0-5'</p>				
10	<p>CLAY: 15-91'</p> <p>5-15': brown, soft, non-gritty clay</p> <p>15-91': grey, soft, non-gritty clay</p>				
20					
30					
40					
50					
60					
70					
80					
90					
100	 <p>GRAVEL: 91-120' possible till</p> <p>- pebbles 40%, sand 60%: fine to medium grained poly lithic</p> <p>- pebbles are of equal amounts of volcanics and granitoids, plus 5% carbonaceous minerals</p>	01	91	105	

KERR ADDISON MINES LIMITED


OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-239 LOCATION 67+50W, TL 12+50S DEPTH 125'

DATE STARTED JULY 18, 1985; 8:55AM HOLE ELEVATION -

DATE COMPLETED JULY 18, 1985; 10:00AM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100	 <p>- usually 10% to 15% rounded, up to 40% rounded - moderately well sorted 110': 70% volcanic (dark coloured, aphanitic), 30% granitoid, 5% carbonaceous, 1% magnetic</p>	01	95	105	
110		02	105	115	
120		03	115	120	
120		04	120	125	
130	<p>BEDROCK: 120-125' Graphitic wacke - black colour and aphanitic - pervasively carbonaceous and veined with veins being at least 3mm across - Sulfides occur as semi-massive, and vein-like up to 3mm across; constitute 5% of rock - soft - poor to moderate cleavage - possibly graphitic (black drill water)</p>				
140	<p>END OF HOLE: 125'</p>				
150					
160					
170					
180					
190					
200					


KERR ADDISON MINES LIMITED
OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-240 LOCATION L65+00W, TL12+50S DEPTH 122'

DATE STARTED JULY 18, 1985; 10:10 AM HOLE ELEVATION _____

DATE COMPLETED JULY 18, 1985; 11:30 AM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'	 <p>Bedrock: 118-122' Graphitic Schist black, graphitic, soft, aphanitic, greasy lustre, poor to moderate slaty cleavage -no reaction to acid -no sulfides observed *note hose still pinched</p>	03	95	105	
110'		04	105	115	
		no return	115	118	
120'		05	118	122	
130'		END OF HOLE = 122'			

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-241 LOCATION G2+50W, TL12+50S DEPTH 92'

DATE STARTED JULY 18, 1985; 11:40AM HOLE ELEVATION _____

DATE COMPLETED JULY 18, 1985; 12:35PM

DEPTH 0 ft	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	ORGANICS: 0-5'				
5	CLAY: 5-70'				
7	5-7': brown mud				
10	7-70': grey, soft, non-gritty clay, often washed through or thick and 'soupy'				
15	- 5% sand with pebbles, probably interbedded				
20					
30					
40					
50					
60					
70	GRAVEL: 70-89' (Possibly T14)				
75	50-70% medium-grained polyolithic sand, 50-30% pebbles: 80% volcanics and other grey, green or black aphanitic pebbles, 10-20% granitoids, 0-3% carbonates; 1% of volcanics were magnetic;	01	70	85	
80	- 10-30% rounded, well sorted				
85	80' cobbles begin; pebbles increase to 60-80%: 60-70% volcanics, 0-3% carbonates, 40-30% granitoids.				
88	85-86.5': poor sorting				
89	BEDROCK: 89'-92' Arenite	02	85	89	
90	- altered volcanic??				
92	- greenish-grey, aphanitic, poor slaty cleavage, strongly pervasively carbonated, moderately soft; fines have a lustre like mercury	03	89	92	

END OF HOLE: 92'

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-242 LOCATION L60+00W TL12+50S DEPTH 79'

DATE STARTED JULY 18, 1985; 12:45pm HOLE ELEVATION _____

DATE COMPLETED JULY 18, 1985; 1:30pm

DEPTH OF	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>CLAY : 0-60'</p> <p>0-5' : no return 5-7' : brown mud 7-60' : grey, soft, non-gritty, often washed through; occasional pebble and stiff, non-gritty clay ball</p>				
10					
20					
30					
40					
50					
60	<p>GRAVEL : 60-76' -possible till</p> <p>60-70' : 50-90% fine to medium-grained, poly lithic sand, 50-10% pebbles as follows: equal amounts of volcanics/metasediments (dark, aphanitic) and granitoids, 3-5% carbonaceous (white, reacts with acid); of the volcanics/metasediments, 1% are magnetic; well sorted; 10-20% rounded.</p> <p>70-76' : cobbly; 10-50% medium-grained poly lithic sand, 90-50% pebbles: 80-90% volcanics/metasediments, 10-20% granitoids, 3% carbonates; 10% rounded; well sorted.</p>	01	60	76	
70					
80	<p>BEDROCK : 76-79' Graphitic schist black, aphanitic, moderate slaty cleavage, graphitic? - other than at least 3mm veins of carbonate, slow reaction to acid - disseminated cubic sulfides <1mm, 1-3% - Zone of alteration (77-78') : brownish-yellow, rusty and grey; shiny or greasy lustre</p> <p>END OF HOLE : 79'</p>	02	76	79	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST BRIAN MILLER

HOLE NO MA-85-243 LOCATION L 57+50W, TL 12+50S DEPTH 85'

DATE STARTED JULY 18, 1985; 2:06 PM HOLE ELEVATION -

DATE COMPLETED JULY 18, 1985; 2:37 PM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p><u>CLAY: 0-75'</u> - grey, non-gritty, moderately stiff clay</p>				
10					
20					
30					
40					
50					
60					
70					
80	<p><u>SAND TILL: 75-83'</u> - 20% pebbles, 80% sand, medium grained - pebbles are 40% light green volcanic? (calcareous), 40% dark green volcanic?, 10% granitoid, 10% other - pebbles are 50% angular, 50% subangular</p>	01	75	83	
		02	83	85	
90	<p><u>BEDROCK?: 83-85'</u> - black colour, aphanitic, calcareous - slaty cleavage - slightly magnetic - irregular patches of disseminated pyrite up to 3mm in diameter make up 2% - possibly graphitic - possibly volcanic</p>				
100					

END OF HOLE: 85'

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-244 LOCATION L55+50W, TL12+50S DEPTH 62'

DATE STARTED JULY 15, 1985; 2:55 pm HOLE ELEVATION _____

DATE COMPLETED JULY 15, 1985; 3:20 pm

DEPTH ft	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>CLAY: 0-59'</p> <p>grey, soft, non-gritty; often washed through, with occasional sand and pebble interbeds</p>				
10					
20					
30					
40					
50					
60	<p>GRAVEL: 59-60'</p> <p>- possible till</p>	01	59	62	
62	<p>BEDROCK: 60-62' Subgraphitic schist/wacke</p> <p>black to dark grey, aphanitic, graphitic, moderately soft, poor to moderate slaty cleavage; pervasive carbonation; 60-61': calcite veins of at least 3mm, but not common; sulfides common, but not abundant (3%) in 2-3mm disseminated subhedral cubes.</p> <p>- also 60-61': minor yellowish alteration</p>				
	<p>END OF HOLE: 62'</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST BRIAN MILLER

HOLE NO MA-85-245 LOCATION L 52+50W TL12+50S DEPTH 55'

DATE STARTED JULY 18, 1985; 3:40PM HOLE ELEVATION -

DATE COMPLETED JULY 18, 1985; 4:15 PM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY	
			FROM	TO		
0	<p><u>CLAY: 0-47'</u> 0-5': brown, non-gritty, moderately stiff clay. 5-47': grey, non-gritty, moderately stiff clay.</p>					
10						
20						
30						
40						
47		<p><u>SAND TILL: 47-52'</u> - 20% pebbles, 80% sand, sand is brown and medium grained - pebbles are 80% green volcanic?, 10% granitoid, 10% other - pebbles are 45% subangular, 45% subrounded, 10% rounded - poor sorting - contains 2% pyrite cubes up to 4mm in diameter</p>	01	45	52	
52		<p>- 40% pebbles, 60% sand, sand is brown and medium grained - pebbles are 60% green volcanic?, 25% granitoid, 15% other - calcareous - poorly sorted - pebbles are 50% subrounded, 50% subangular</p>	02	52	55	
55		<p><u>BEDROCK?: 52-55'</u> Subgraphitic wacke - black to dark grey colour, aphanitic, calcareous - 5% visible calcite - slightly magnetic - possibly graphitic - 2% disseminated pyrite in irregular grains up to 4mm in diameter - possibly volcanic</p>				
100		<p>END OF HOLE: 55'</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST E. LEASK & B. OTTON

HOLE NO MA-85-246 LOCATION L50+00W, 14+25S DEPTH 116'

DATE STARTED JULY 18, 1985; 5:15pm HOLE ELEVATION _____

DATE COMPLETED JULY 18, 1985; 8:10 pm

DEPTH ft	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p><u>CLAY: 0-55'</u> - grey, soft, non-gritty, often washed through; minor pebbles</p>				
10					
20					
30					
40					
50	<p><u>GRAVEL: 55-66'</u> possible till 50-70% fine, beige to medium-grained polyolithic sand; 50-30% pebbles: 50-60% volcanics/metasediments (dark, aphanitic), 50-40% granitoids, 3% carbonates (white), moderately well to well sorted; 10-30% rounded.</p> <p><u>TILL: 66-112'</u> - cobbly till; possible gravel?? - periods of fine sand 70-90%, pebbles 30-100% and medium sand 50%, pebbles 50%; well sorted. - 86-87': 10-15% grey, firm, non-gritty clay (clay cobble?) - 30% granitoid, 3% volcanic, 30% sedimentary, 5% quartz - 111'- 3" graphitic, pyritic cobble</p>	01	55	65	
60		02	65	75	
70		03	75	85	
80		04	85	95	
90		05	95	105	
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST E. LEASK / P. OTTON

HOLE NO MA-85-246 LOCATION L50+00 W, 14+25 S DEPTH 116'

DATE STARTED July 18, 1985 ; 5:15 pm HOLE ELEVATION _____

DATE COMPLETED July 18, 1985 ; 8:10 pm

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100		05	95	105	
110		06	105	112	
		07	112	116	
120	<p>BEDROCK: 112' - 116' Subgraphitic wacke</p> <ul style="list-style-type: none"> - dark grey to black, fine grained - soft - $\frac{1}{4}$" veinlets of 90% quartz and 10% carbonate make up 10% of rock - 5-10% fine grained pyrite in agglomerates up to $\frac{1}{4}$" - weakly layered of layers with varying carbon content. - layers cross-cut by quartz-carbonate veinlets which contain 5% pink feldspar. - sediment <p>END OF HOLE 116'</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-247 LOCATION L47+50 W, 14+00 S DEPTH 121'

DATE STARTED July 18, 1985 8:35 pm HOLE ELEVATION _____

DATE COMPLETED July 18, 1985 11:00 pm

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<u>ORGANIC: 0-1'</u> - dark brown muck				
10	<u>CLAY: 1'-78'</u> 1'-78' - soft, grey, calcareous clay - 1% medium grained sand 45' - 0% sand 60' - 1% medium sand 64' - 1% medium sand, 1% silt				
20					
30	<u>TILL: 78'-116.5'</u> - poorly sorted - 50-70% fine to medium sand, 10% pebbles, 20-40% clay assumed - 45% granitoid, 30% volcanic, 15% sedimentary, 10% quartz - 10-20% rounded clasts				
40	87' - 40% fine-medium sand, 5% pebbles - 35% granitoid, 45% volcanic, 15% sedimentary, 5% quartz				
50	88' - very hard, dark grey cobble - 5% quartz-feldspar veinlets 1/4"				
60	90' - 20-30% fine-medium grained sand, 5% pebbles, 65-75% clay assumed				
70	93' - 3" medium green cobble - 10% white mineral - 5% fine, disseminated pyrite				
80	95' - 3" medium grey-green diorite cobble				
80	96' - 1' pale-medium green tuff? boulder - 5% dark green mineral				
80	97' - 4" medium-dark, greyish green cobble with a cherty appearance - 5% fine disseminated pyrite	01	78	85	
90	100' - clay balls	02	85	95	
100		03	95	105	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-247 LOCATION L 47450 W, 14400 S DEPTH 121'

DATE STARTED July 18, 1985 8:35 pm HOLE ELEVATION _____

DATE COMPLETED July 18, 1985 11:00 pm

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100		03	95	105	
110		04	105	116.5	
120		05	116.5	121	
130	<p>BEDROCK: 116.5' - 121' Subgraphitic waste</p> <ul style="list-style-type: none"> - dark grey - hardness approx. 4 - fine grained - carbonatized - foliated - fractured - 2% pyrite as medium-coarse cubes - 5% pyrite as fine grains in coarse agglomerates <p>120' - no longer carbonatized</p> <ul style="list-style-type: none"> - fractures are coated with a medium brown coloured mineral which gives a light brown powder → goethite? - rock contains a lot of carbon but little or no graphite - 2% contamination from above. - Carbon rich sediment <p>END OF HOLE 121'</p>				

KERR ADDISON MINES LIMITED



OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-248 LOCATION L 45+00W, 13+75 S DEPTH 115'

DATE STARTED July 18, 1985 11:25 pm HOLE ELEVATION _____

DATE COMPLETED July 19, 1985 2:10 am

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>CLAY: 0 - 84'</p> <p>0-4' - soft, brown, calcareous clay</p> <p>4-84' - soft, grey clay - 1/2% medium sand, 1/2% pebbles</p> <p>27' - 1% sand</p> <p>50' - 3% sand</p> <p>60' - 0% sand, 1% silt</p> <p>75' - 1% sand, 2% silt</p>				
10					
20					
30					
40					
50					
60					
70	<p>CLAY TILL: 84' - 111'</p> <p>- poorly sorted</p> <p>- 20-30% fine to medium sand</p> <p>- 5-10% pebbles, 60-75% clay assumed</p> <p>- 95% angular clasts, 5% rounded</p> <p>- 35% granitoid, 45% volcanic, 20% sedimentary, 5% quartz</p> <p>- water table?</p>				
80					
90		01	84	95	
100	 <p>100' - 10% fine to medium sand, 5% pebbles</p>	02	95	111	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-248 LOCATION L 45+00 W, 13+75 S DEPTH 115'

DATE STARTED July 18, 1985 11:25 pm HOLE ELEVATION _____

DATE COMPLETED July 19, 1985 2:10 am

DEPTH feet	GRAPHIC LOG		SAMPLE NO	FOOTAGE		ASSAY	
				FROM	TO		
100		102' - 25% fine to medium sand, 5% pebbles	02	95	111		
		103' - 10% fine to medium sand, 5% pebbles					
		103' - 5" clay seam with 5% grit					
		104' - 8" dark grey, fine grained cobble	03	111	115		
110		105' - 4" pink granitoid cobble					
		107' - 3" light green, fine grained cobble					
		109' - 6" medium green volcanic cobble					
		110' - 4" yellow granitoid cobble					
120		BEDROCK: 111' - 115' Sediment or Tuff <ul style="list-style-type: none"> - light grey - fine grained - weakly foliated - sparse layering of occasional pale grey to white layers $\frac{1}{8}$" thick. - not carbonatized - 3% medium grained pyrite in the light grey layers - hardness approx. 4-5 - occasional dark grey, rounded grains → Tuff? - medium to dark brown oxidation stain on fractures from 111' to 115'. These fractures are perpendicular to the foliation. - Sedimentary - 2% contamination from above. 					
		END OF HOLE 115'					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-249 LOCATION L42+50W, 14+00 S DEPTH 129.5'

DATE STARTED July 19, 1985 2:40 am HOLE ELEVATION _____

DATE COMPLETED July 19, 1985 4:55 am

DEPTH feet 0	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	* * <u>ORGANIC: 0-5'</u> - light brown, fibrous organic				
10	<u>CLAY: 5'-98'</u> 5'-8' - stiff, blue-grey clay 8'-98' - soft, grey, calcareous clay. - 1% sand				
20	63' - 1% silt				
30					
40					
50					
60					
70					
80					
90					
97	97' - 5% silt				
100	▲	01	98	105	

KERR ADDISON MINES LIMITED


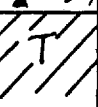
OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-249 LOCATION L 42 450 W, 14+00 S DEPTH 129.5'

DATE STARTED July 19, 1985 2:40 am HOLE ELEVATION _____

DATE COMPLETED July 19, 1985 4:55 am

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100	 <p>TILL ? : 98' - 127'</p> <ul style="list-style-type: none"> - poorly sorted - 20-30% fine, medium and coarse sand - 5% pebbles, 65-75% clay assumed - 10% rounded clasts - 35% granitoid, 45% volcanic, 15% sedimentary, 5% quartz <p>The water in the tanks was very thick. The till samples are small because only a small portion of the fines settled out into the sample buckets</p>	01	98	105	
110		02	105	115	
120		03	115	127	
130		04	127	129.5	
	 <p>117' - 10-20% silt, fine, medium and coarse sand</p> <p>125' - 6" silt seam</p>				
	<p>BEDROCK: 127 - 129.5' Sediment or Tuff</p> <ul style="list-style-type: none"> - light green - fine grained - massive - 5% fine to medium grained clear mineral → quartz? - Tuff? - 5-10% carbonate - hard, hardness approx. 5 - 5% contamination from above. 				
	<p>END OF HOLE 129.5'</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-250 LOCATION L40+00 W, 13+75 S DEPTH 105.5'

DATE STARTED July 19, 1985 5:50 am HOLE ELEVATION _____

DATE COMPLETED July 19, 1985 8:30 am

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>CLAY: 0 - 94'</p> <p>0 - 3' - stiff blue-grey clay</p> <p>3' - 8' - soft, brown, calcareous clay</p> <p>8' - 94' - soft, grey clay - 1% sand</p>				
10					
20					
30					
40					
50					
60					
70					
80					
90					
94	<p>GRAVEL? 94' - 103'</p> <p>- moderately sorted</p> <p>- 40% fine sand, 20% medium sand 3% pebbles</p> <p>- 10 - 20% rounded clasts</p> <p>- 50% granitoid, 30% volcanic, 15% sedimentary, 5% quartz</p>				
100		01	94	103	
	<p>100' - 40% fine sand, 0% medium sand, 3% pebbles</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-250 LOCATION L 40+00 W, 13+25 S DEPTH 105.5'

DATE STARTED July 19, 1985 5:50 am HOLE ELEVATION _____

DATE COMPLETED July 19, 1985 8:30 am

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100	<p>BEDROCK: 103-105.5' Arenite</p> <ul style="list-style-type: none"> - light greyish green - fine grained - weakly foliated - moderate hardness, h approx. 4-5 - 10% oxidation along and adjacent to fractures - 1% pyrite - cubic and massive forms - 5% black, finely laminated, fine grained non-magnetic, hard 	01	94	103	
		02	103	105.5	
110					

KERR ADDISON MINES LIMITED



OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-85-251 LOCATION L 32+75W, 12+25S DEPTH 11'

DATE STARTED JULY 19, 1985; 9:05 am HOLE ELEVATION _____

DATE COMPLETED JULY 19, 1985; 9:50 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
	<p>NO RETURN : 0-4'</p> <p>ORGANICS - SILT : 4-6'</p> <p>CLAY : 6-92'</p> <p>- clay is light grey, non-gritty, soft lumps</p> <p>- 15-50' : silt and clay, 41% coarse sand and pebbles</p> <p>- 50-92' : liquidous, light grey clay and clay lumps</p>				
	<p>GRAVEL ? : 92-99'</p> <p>Matrix (-10 return): fine to medium grained, polyolithic sands; ~60% of return.</p> <p>Clasts (+10 return): 40% of return; coarse sand small pebbles. Mafic/Felsic = 60%/40%.</p> <p>Mafic = Sedimentary, 15-25%; Volcanics, 35-45%.</p> <p>Felsic = Granitoid, 30%.</p> <p>Quartz, 1%.</p> <p>- grains are 60% sub-rounded, 40% sub-angular</p> <p>- 92 1/2' - Cobble</p>				
	<p>BEDROCK: SEDIMENTARY: 99-101' Subgraphitic schist</p> <p>- charcoal grey, finely laminated, fine grained, non-carbonitized, fairly hard;</p> <p>- rust coloured alteration, increases with depth to effect 30-40% of the host</p> <p>- fairly clean return</p> <p>- 1% pyrite grains (.25mm) disseminated in host and quartz, free cubic form of 3-5 mm in size</p> <p>- 5% quartz</p> <p>- 1% small orange coloured, coarse sand size granitoid?</p>				
	<p>STOP DRILL AT 101'</p>				
100'					

KERR ADDISON MINES LIMITED
OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST AMY NISHIO
 HOLE NO MA-95-252 LOCATION L 35+00W, 12+75S DEPTH 91'
 DATE STARTED JULY 19, 1985; 10:05am HOLE ELEVATION _____
 DATE COMPLETED JULY 19, 1985; 11:05am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>No RETURN: 0-4'</p> <p>ORGANICS - SILT: 4-5'</p> <p>CLAY: 5-60'</p> <p>- clay is light grey, non-gritty, soft lumps</p> <p>- 20-45': liquidous light grey clay and clay lumps</p> <p>- 45': introduction of silt in clay horizon</p>				
10'					
20'					
30'	<p>INTERGRADED SANDY TILL AND SAND: 60-89'</p> <p><u>SANDY TILL:</u></p> <p>Matrix (+10 return): fine grain, poly lithic sand, ~70% of return.</p> <p>Clasts (+10 return): 30% of return:</p> <p>Mafic/Felsic = 70%/30%; Mafics = Volcanics (40%); Sedimentary (25-30%).</p> <p>Felsic = Granitoids (25-35%)</p> <p><1% Pink Quartz.</p> <p>Tills poorly sorted; grains are sub-angular to sub-rounded, grains < rock fragments; grains are coarse sand to pebble sized</p>				
40'					
50'	<p><u>SAND:</u></p> <p>- fine grained, poly lithic sand; minor (varying percentage (1-5%) of coarse sand.</p> <p>- well sorted to moderately well sorted.</p> <p>- general gradation contact between sand and sandy till units</p>				
60'	<p>- Sand units: 70-77', 83', 85 1/2-89'</p> <p>- Cobble: 63', 78'</p>	01	60'	65'	
70'	<p><u>BEDROCK: SEDIMENTARY: 89-91'</u> Sediment or till</p> <p>- light to dark grey, finely laminated, fine grained, moderately hard, carbonitized</p> <p>- rust colored alteration on host chips</p> <p>- 10% black, slaty cleavage, fine grained carbonitized, rust alteration, disseminated and cubic pyrite</p> <p>- 1% red and orange, coarse sand sized granitoids?</p> <p>- <1% quartz</p>	02	65'	70'	
80'		03	75'	85'	
90'	<p>STOP DRILL AT 91'</p>	04	89'	91'	
100'					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-85-253 LOCATION L 38+00 W 13+00 S DEPTH 97'

DATE STARTED JULY 19, 1985; 11:40 pm HOLE ELEVATION _____

DATE COMPLETED JULY 19, 1985; 12:55 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>No RETURN: 0-4'</p> <p>ORGANICS - CLAY - SILT: 4-5' - dark brown, non-gritty, soft clay lumps</p> <p>INTERBEDDED CLAY - SILT - SAND: 5-83' - clay is non-gritty, soft lumps - 5-6': Light brown clay - 6-35': Sand - fine grain, poly lithic, well-sorted; 25' introduction of #10 return = 1% coarse sand. - 35-36': Liquidous brown clay - 36-42': Silt and fine-medium grained sand; well sorted - 45-83': Liquidous light grey clay and clay lumps - 70' introduction of silt into clay.</p>				
83	<p>SANDY TILL: 83-92' Matrix (#10 return): fine grained, poly lithic sand, 80% of return. Clasts (#10 return): 20% of return: coarse sand, rock fragments, and pebbles. Mafic (Felsic = 70%/30%; Mafic = Volcanics (40%); Sedimentary (25%); Felsic - Granitoid (25-30%). - Rock Fragments > Grains; grains are sub-angular to sub-round - Till is poorly sorted.</p> <p>- 86': Boulder (2") - light grey, sedimentary? chips</p> <p>- 88': Water with return is stained a Hematite rusty colour - indicative of hematite?</p> <p>- 90': Granite Cobble. Volcanic Cobble - green, grainy texture</p>				
92	<p>BEDROCK: GRAPHITIC: 92-97' Subgraphitic schist - black (turns water containing return black), finely laminated, non-magnetic, moderately hard to gritty clay-like return, non-carbonitized - 10% Pyrite - cubic form, in host and free grains - 10% Quartz veining, increase with depth to 40% - Trace red, coarse sand sized, granitoid</p>				
92	- drilled 5' of bedrock in order to obtain sample large enough for assay	01	93'	92'	
97		02	92'	97'	
97	STOP DRILL AT 97'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOISIA GEOLOGIST Amy NISHIO

HOLE NO MA-85-254 LOCATION LS0+004, 5+655 DEPTH 131'

DATE STARTED JULY 19, 1985; 3:10 pm HOLE ELEVATION _____

DATE COMPLETED JULY 19, 1985; 4:00 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	NO RETURN: 0-3'				
3	ORGANICS - SAND: 3-15' - fine to medium grained, polyolithic sand				
15	INTERBEDDED CLAY-SILT: 15-86' - clay is non-gritty, soft lumps - 20-43': light grey clay, silt with minor fine sand and 1% coarse sand - 43-45': lustrous brown clay - 45-75': interbedded light grey clay and silt - 75-86': silt				
86	SANDY TILL: 86-128' Matrix (no return): fine to medium grained, polyolithic sand; 60% of return. Clasts (no return): 40% of return. Grains > Rock Fragment (varies with cobble). Grains are coarse sand and pebble size. Grains are sub-angular to sub-rounded Mafic/Felsic = 50%/50%; Mafic = Volcanics and Sedimentary (50%); Felsics = Granitoids (40-50%); Quartz (1%); Trace Pyrite cubes - compositional sorting of volcanics and sedimentary due to cobbles				
90	- Sandy Till is poorly sorted - 90': Volcanic (green) cobble - 93': Cobble - 93 1/2': Boulder (1 1/2') - mottled greenish-white and black, non-carbonitized but	01	86'	93 1/2'	

KERR ADDISON MINES LIMITED


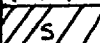
OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOISIA GEOLOGIST AMY NISHIO

HOLE NO MB-85-254 LOCATION L50+00W, S+65S DEPTH 131'

DATE STARTED JULY 19, 1985: 2:10 pm HOLE ELEVATION _____

DATE COMPLETED JULY 19, 1985: 4:00 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'		02	93 1/2'	105'	
110'		03	105'	115'	
		04	115'	125'	
		05	125'	128'	
		06	128'	131'	
130'					
131'	<p>some whitish patches on host chips that are slightly calcareous (calcite veining?)</p> <ul style="list-style-type: none"> - Fine grained darker regions on host appear crystalline in whitish regions - 10% Disseminated and cubic (.25 mm) Pyrite <p>- 95-96': Gradational coarsening upward to Sandy Till</p> <p>- 97 1/2' - 121 1/2': Very Cobby Sedimentary (97 1/2'); Volcanic (100 1/2'); Volcanic (104'); Sedimentary - black, fine grained, finely laminated, fine grained pyrite in host (104'); Volcanic - army green, moderately hard, finely laminated, grainy texture (111 1/2'); Sedimentary (115'); Sedimentary (121 1/2')</p> <p>- 115 1/2': Boulder - dark forest green, slightly laminated, slightly grainy texture.</p> <p>- 125': coarsens downward from fine-medium grained sand to Sandy Till</p> <ul style="list-style-type: none"> - Granitoids have decreased with depth <p>- 126 1/2': Boulder (4") - light-dark greenish-grey, non-carbonitized, fine grained finely laminated</p> <ul style="list-style-type: none"> - 20% white calcareous chips <p>BEDROCK: SEDIMENTARY? : 128-131' Argillite</p> <ul style="list-style-type: none"> - light coloured greenish-grey, fine grained, finely laminated, appears to have slight colour banding, non-carbonitized, fairly hard - 15% white calcareous veinlet - contact visible with host chips - Trace amounts of Pyrite Cubes - Trace amounts of granitoids, decrease with depth. <p>STOP DRILL AT 131'</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST AMY NISHIO

HOLE NO MA-85-255 LOCATION L45100W, G+00S DEPTH 86'

DATE STARTED JULY 17, 1985; 4:45 pm HOLE ELEVATION _____

DATE COMPLETED JULY 19, 1985; 5:45 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>NO RETURN: 0-3'</p> <p>ORGANICS - SAND: 3-8' - Fine grained, polyolithic sand</p> <p>INTERBEDDED CLAY - SILT: 8-76' - clay is non-gritty, soft lumps - 8-15': Light grey clay lumps - 15-40': Interbedded silt with minor fine grained, polyolithic sand and clay - 40-45': Liquidous brown clay - 45-53': Silt-clay, minor sand - 53-55': Light grey clay</p> <p>SANDY TILL: 76-83 1/2' Matrix (-10 return) - fine grained, polyolithic sand; 75% of return. Clasts (10 return) - 25% of return; Rock fragments, coarse sand and pebbles. - Rock fragments > grains; grains are sub-angular to sub-rounded. - Till is poorly sorted. - Mafic (Felsic = 70%/30%; Mafics = Volcanics (60%); Sedimentary (15%). Felsics = Granitoids (25-30%) - Trace Epidote</p> <p>- 78' Boulder (6") - dark (Army") green, finely laminated, non-carbonitized, mafic and felsic grains (.25 min), grainy texture. - 1% Quartz - 5% Black, slaty cleavage, non-magnetic argillite - 5% pink-orange, coarse sand sized granitoids</p> <p>- 80-81' - Cobbly - volcanic and sedimentary - 83' - Cobbly</p>				
80	<p>BEDROCK: VOLCANIC: 83 1/2-85' Basalt</p> <p>- same description as boulder as 78' - rust coloured alteration surface - calcareous surface, white, on some host chips; indication of possible calcite veining - hardness < 5 - impurities decrease with depth i.e. granitoids, argillite, quartz</p>	01	76'	83 1/2'	
86	<p>STOP DRILL AT 86'</p>	02	83 1/2'	86'	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montgolfier - Alouiny Q-30 GEOLOGIST B. Gray

HOLE NO HA-85-256 LOCATION L 102 +50W / 7+25 S DEPTH 134'

DATE STARTED July 19 Night Shift 11:45 pm HOLE ELEVATION _____

DATE COMPLETED July 19/85 2:00 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0-5	Organics				
5-87	Lacustrine Sediments				
5-10	Grey silt				
10-20	Grey silt w c 1% c. sand				
20-55	Fine sands				
55-65	Grey silt				
65-87	Interbedded fine sands + silt				
87-103	Sandy Till ? Weakly Sorted? Return = 70/10 -10/100				
100	100' Note Tr free ty - 2 mm cubes, also note tuffaceous chip with 1mm ty cubes				
103-113	Cobbly Gravel Moderate sorting with respect to grain size and matrix content. Return = 71/1 to 80/20 -10/100				
110	110 has equal proportions of grains & chips Grains tend to be subangular				
110	Matrix: 25% basalt, 20% andesite, 20% seds (argillite to s.st) 15% mafic intrusive felsics: 15% granitoid, 2% feldspars				
104	tuffaceous cobble				
106	cherty cobble				
108	olive green/rusty return for 1"				
113-117	Hard packed Sands Return = 71/1 -10/110 110 = c. sand, dominantly andesitic. -10 = f. sands				
116	granite cobble				
117	basalt cobble				
117-119	Clay Till Return = 70/110 -10/110 -10 = f. sands	01	87	95	
110	110 = c. sand with 20% soft gritty clayballs, 30% andesite, 30% basalt, 20% granitoids Grains outnumber chips. Return is unsorted	02	95	105	

KERR ADDISON MINES LIMITED






OVERBURDEN DRILL LOG

PROPERTY Q-30 GEOLOGIST B. Gray

HOLE NO 11A-85-256 LOCATION _____ DEPTH 134

DATE STARTED _____ HOLE ELEVATION _____

DATE COMPLETED _____

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
		02	95	105	
	Lawatone Clay 119-120' Gray, finely laminated				
110		03	105	115	
	Cobble Till ? 120-129 Unsorted - Sandy matrix Return = 90/10 - 10/110 -10 = fine + medium sands (50/50) 110 = dominantly chips from volcanic cobbles 220% granitoid, 110% sed (shaly arg. etc.)				
120		04	115	125	
	126 Sandy Till 129-132 Unsorted? Return = 80/20 - 10/110 110 = c. sand with 10% small pebble size chips + grains. Grains outnumber chips. 110 = 65/35 Mafic/Felsic Matrix = volcanic, 210% sed Felsic = granitoids				
130		05	125	132	
	131' Greywacke cobble				
		06	132	134	
	132' Felsic Volcanic? 1st 1" = qtz vein. - Some qtz is gray Gray, fine grained, moderately hard, non-carbonatized rk with 3% finely disseminated and cubic (to 1mm) Py. 4% Tr Py related to qtz veining. Minor washing in Py decreases to trace in last 3", qtz chips decrease to 1% BR = Volcanic (dacite) ?				
140	End of hole 134'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montgolfier-Alaigny Q-30 GEOLOGIST B. Gray

HOLE NO KA-86-257 LOCATION 107+50 W / 5+50 S DEPTH 93

DATE STARTED July 19 Night Shift 2:45 am HOLE ELEVATION _____

DATE COMPLETED July 19 /85 4:15 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0-1	Organics				
	Lacustrine Sediments 1-82				
1-8	finely laminated, lumpy, calcareous grey clay. Slightly gritty, 1% dropstone				
8-25	Grey silt				
25-82	Silt with interbedded fine to medium sand				
80'	1" dropstone horizon				
20	Sandy Till? 82-89				
	Weak Sorting to Unsorted Return = 70/30 -10/10 -10 = fine to medium sand (40% medium) +10 = c. sand with 10% small pebble size clasts. Grains slightly outnumber chips. Grains tend to be subangular +10 = 80/20 10% felsic = 40% basalt, 30% andesite, 10% sed (shaly argillite) 15% granitoid, 1% frc gtz. Note Tr free Py cubes Coarser after 88', chips outnumber grains				
30					
40	10% - 20% beads difficult to discern				
	bedrock or boulder? 89-90 1/2'				
50	light green-grey, fine grain, non carbonatized, slightly bitiated, somewhat grainy sed. with Tr finely disseminated Py BL = Sed (Arenite/greywacke?) 10% rusty chips + Tr-1% Py in +10 Return turns gravelly for 6"				
60	Bedrock (Altered) 91' Graphitic sediment				
70	91-92 Grey-black return. +10 = 70% Py, 100% graphite chips. Py in cubes and finely disseminated aggregates. Rest of +10 = 15% washed in material, 5% gtz chips 92-92 3/4 +10 = 60% graphite chips, 40% Py, Tr gtz chips 92 3/4 Py decreases to 20% of +10 BL = Graphitic Sediment				
80	End of Hole 93'				
90		01	82	89	
		02	89	91	
		03	91	93	
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montgolfier - Alaigny Q-30 GEOLOGIST B. Gray

HOLE NO HA-85-258 LOCATION L 110 100 W / 4775 S DEPTH 107'

DATE STARTED July 19 Night Shift 4:30am HOLE ELEVATION _____

DATE COMPLETED July 19/85 6:00am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0-1	Organics				
	<u>Lacustrine Sediments 1-98</u>				
1-5	Brown, lumpy, finely laminated calcareous clay				
5-10	Grey clay				
10-20	Grey silt with minor fine to medium sand				
20-25	Silt				
25-67	Silt + fine sand				
67-75	Wet grey clay + silt				
75-98	Grey silt + clay				
	<u>Sandy Till 98-105 1/2</u>				
	Unsorted to very weakly sorted				
	Returns = 80/20 to 85/15 -10/110				
	-10 = fine + medium sand (20% medium)				
	110 = c. sand with 5% small pebble size chst.				
	Grains outnumber chips. Grains tend to be subangular				
	110 = 80/20 <u>10% felsic</u>				
	30% basalt, 30% andesite, 20% sed (slaty argillite) + 20% granitoid, 1% frc gtz, 21% rusty felsic intrusive, 1% epidotized volcanic.				
	98' Dioritic boulder (4")				
	<u>Bedrock 105 1/2' Tuff</u>				
	Greenish-grey, fine to medium grained, hard, somewhat grainy non-calcareous sed with Tr Py - cubes to 1mm. Note poorly developed fine laminations. Rk has a weakly mottled surface texture in whites + greys (more + less siliceous zones?)				
	106-107 Note 5% rusty chips in t10 flour washing in				
	Bk = Sed (Arenite/wacke/Tuff?) with Py				
	End of Hole 107'				
100		01	98	105 1/2	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-259 LOCATION L115+00W, 5+00S DEPTH 185'

DATE STARTED July 20, 1985; 7:50 am HOLE ELEVATION _____

DATE COMPLETED July 20, 1985; 12:00 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0'	<p>CLAY: 0-120'</p> <p>0-5': organics & grey, moderately firm, non-gritty clay</p> <p>5-120': soft, grey, non-gritty clay, often so soft it's washed through; fine sand and pebble interbeds common</p>				
10'					
20'					
30'					
40'					
50'					
60'					
70'					
80'					
90'					
100'					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-259 LOCATION L115+00W, 5+00S DEPTH 185'

DATE STARTED JULY 20, 1985; 7:50am HOLE ELEVATION _____

DATE COMPLETED JULY 20, 1985; 12:00pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'					
110'					
120'					
120'	TILL: 120' - 151'	01	120	125	
120-128'	sandy till. 40-70% pebbles; 60-30% fine to medium sand, dominantly fine, brown; poor to moderately well sorted. - pebbles: 60% volcanics and metasediments (green, grey, black, aphanitic; ± 1% magnetic), 40% granitoids, 3-5% white calcite; 10-15% rounded.	02	125	135	
128-130'	possible gravel; possibly beginning of cobbly till.	03	135	140	
130-140'	- smaller pebbles, moderately sorted; same pebble/sand ratio as above, medium-grained sand polyolithic; pebbles: 80-90% volcanics & metasediments, 10% granitoids, 3-5% white calcite.	04	140	145	
140-150'	133-151' : cobbly till. 140' : boulder; 1-1½' dark green, aphanitic, carbonaceous, poor to no cleavage (volcanic).	05	145	151	
150-160'	CLAY: 151' - 160' - lacustrine; grey, very stiff, non-gritty				
160-170'	TILL: 160' - 180' - poorly sorted; return to cobbly till	06	160	165	
170-180'		07	165	172	
180-185'	BEDROCK: 180-185' Graphitic schist - grey to black, aphanitic, graphitic, moderately hard, moderate to good slaty cleavage; carbonate veins abundant (10%) and of at least 1mm; sulfides occur as veins and abundant (<10%) disseminated 1mm cubes of at least 3mm.	08	172	180	
180-185'		09	180	185	
185'	END OF HOLE: 185'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOISNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-260A LOCATION L110+00W, 7+75S DEPTH 135'

DATE STARTED JULY 20, 1985; 4:30pm HOLE ELEVATION _____

DATE COMPLETED JULY 20, 1985; 6:45pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'					
110'	<p>TILL: 109 - 130' 50-20% fine, salt and pepper coloured sand, 50-80% pebbles: 80-90% volcanics & meta- sediments (black, green, grey; aphanitic), 2-3% carbonate (white); 10-20% rounded; moderately sorted becoming poorly sorted at 116'. - cobbles begin at 117'; matrix fine to medium grained polyolithic sand; fragments 5-10% rounded.</p> <p>BEDROCK: 130-135' black, aphanitic, graphitic, moderate slaty cleavage, soft, pervasively carbonated. 3% disseminated 1mm cubic pyrite; also, with depth 1% massive sulfide chips of 5mm - note: water became rusty brown at 132' but there was no change in the appearance of the course material</p> <p>* Sample overlap of 2' when rods were pulled out & lowered again in looking for a prob- lem.</p> <p>END OF HOLE: 135'</p>	01	109	115	
		02	115	117	
120		03*	115	125	
		04	125	130	
130		05	130	135	
140					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-260A LOCATION L109+97W, 7+75S DEPTH 135'

DATE STARTED JULY 20, 1985; 4:30pm HOLE ELEVATION _____

DATE COMPLETED JULY 20, 1985; 6:45 pm *NOTE: BOULDER AT 5' IN HOLE MA-85-260
LOCATED AT 110+00W, 7+75S

DEPTH 0ft	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY	
			FROM	TO		
0	<p>CLAY: 0-10'</p> <p>grey, stiff, non-gritty clay becoming soft at 5', frequently washed through; fine to medium grained sand interbeds with a few pebbles common.</p>					
10						
20						
30						
40						
50						
60						
70						
80						
90						
100						

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montgolfier - Atoigny Q-30 GEOLOGIST B. Gray
 HOLE NO RA-85-261 LOCATION 107°50'W 71°12'S = 12°75'S DEPTH 101 1/2'
 DATE STARTED July 20 Night Shift 8:00pm HOLE ELEVATION _____
 DATE COMPLETED July 20/85 9:45 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	<u>Lacustrine Sediments 0-76</u>				
0-10	Lumpy grey calcareous clay, minor organics				
10-76	Wet and silty grey clay. 22% dropstone				
	<u>Gravel 76-100'</u>				
	Moderately sorted on scale of 5'				
	Return = 80/20 to 75/5 -10/+10				
10-20	-10 = fine sand with 20% medium grain sand				
20-30	+10 = coarse sand with 5% small pebble size clasts. Grains outnumber chips and tend to be subround				
30-40	+10 = 75/25 mafic/felsic = 30% basalt, 10% andesite, 30% sediments (shaly argillite to green sandstone) 20% granitoid, 1% free qtz, minor diorite.				
40-45	85-87 Pebbles increase to 15% of +10				
45-50	87 Note gneissic pebble with 3mm py cubes				
50-55	90 Note trace rusty qtz chips				
55-60	72-93 Pebbles increase to 20% of +10. chips outnumber grains.				
60-65	95 Rusty sandstone cobble				
65-70	95-100 Coarser				
70-75	-10 = 50% fine sand, 50% medium sand				
75-80	Pebbles increase to 10% of +10				
80-85	96' Ductile cobble 2"				
	<u>Bedrock 100'</u> <u>Arenite</u>				
60-70	1st 3" gossaneous. Dark grassy green, fine to medium grained, moderately hard, non carbonatized grainy rk with a slightly mottled surface texture in greens. Tr - 1% Py - finely disseminated				
70-75	After 100 3/4' only Tr Py				
75-80	15% washed in material in +10				
80-85	BR = Sediment (Arenite/wacke?)				
	End of Hole 101 1/2'				
80		01	76	85	
90		02	85	95	
100		03	95	100	
		04	100	101 1/2	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montgolfier - Alaiquy Q-30 GEOLOGIST B. Gray

HOLE NO MA-85-262 LOCATION 115⁰⁰W TL 12 S = 12¹⁶45 DEPTH 82'

DATE STARTED July 20 Night Shift 10:00pm HOLE ELEVATION _____

DATE COMPLETED July 20/85 11:30pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0-3	Organics				
3-56'	Lacustrine Sediments				
3-45	Grey, lumpy calcareous clay, slightly gritty, 22% dropstone + minor silt				
45-56	Wet grey clay				
56-81'	Gravel (Possibly Till)				
	Modestly sorted on scale of 3'				
	Return: 80/20 to 95/5 - 10/10				
	-10 = fine sand with 20% medium sands				
	+10 = coarse sand with 5% small pebble size clasts. Grains outnumber chips and tend to be subangular to subround				
	+10 = 75/25 felsic				
	= 25% andesite, 20% basalt, 25% sed (dominantly shaly argillite with lesser green sandstone) 20% granitoid, 1% fregtz, 1% rhyolite				
64-65	felsic increase to 30% of +10 (not a cobble)				
65-67	shaly argillite increases to 50% of +10				
66	Note grey gneissic chip with 2% Py				
66-68	Coarser				
67	granite boulder (6") then 3" gravel seam then rusty felsic intrusive bldr (3")				
75'	Pebbly horizon. Pebbles = 60% of +10 to 3"				
80-81	shaly argillite increases to 30% of +10				
81'	Bedrock Arenite				
60-65	Dark grassy green, fine grain (10% medium size grain) finely laminated or slightly schistose rk of moderate hardness. Rk has 1% carbonate blebs + fracture fill but host itself is not carbonatized. Rk is slightly mottled in greens + white (patchy carbonate). Tr finely disseminated Py	01	56	65	
65-75	Bk = Sediment (Arenite / Wacke?)	02	65	75	
75-81	End of Hole 82'	03	75	81	
81-82		04	81	82	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montyolter - Albion 0-30 GEOLOGIST B. Gray

HOLE NO MA-85-263 LOCATION 122°50' W T 12 S = 12°25' S DEPTH 15'

DATE STARTED July 20 11:45 pm HOLE ELEVATION _____

DATE COMPLETED July 24/85 12:25 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0-1	Organics				
	Lacustrine Sediments 1-12 Grey clay and silt				
10	Sandy Till? (Basal gravel) 12-12 1/2 Unsorted Return: 80/20 - 10/10 110 = coarse sand with 5% small pebble size clast. Grains outnumber chips (slightly) grains tend to be subang. 110 = 90/10 Mafic/felsic = 40% basalt, 50% sed (green sandstone) and 10% granitoids	01 02 03	12 12 1/4 14	12 1/2 19 15	
20	Broken Bedrock 12 1/2 - 14 Medium grained sediment, 30% washed in material then 1' of gravelly material Bedrock 14' Arenite Grass green, fine to medium grain, grainy, non carbonatized rk with 5% carbonate patches. Rk has a somewhat mottled surface texture in greens + whites. TR by BR Sediment (Arenite/Wacke/Tuff?) End of Hole = 15'				

-10 and 110 together

110 only

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montgolfier - Aloguy Q-30 GEOLOGIST B. Gray

HOLE NO HA-85-264 LOCATION 125⁰⁰W TL 12 S = 12²⁵S DEPTH 36

DATE STARTED July 24 Night Shift 12:35am HOLE ELEVATION _____

DATE COMPLETED July 24/85 1:15am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0-1	Organics				
	<u>Lacustrine Sediments 1-31'</u>				
1-21	Brown, slightly gritty calcareous clay turning grey at 7', 22% dropstone				
21-25	Wet grey clay				
25-31	Grey silt and fine sand				
	<u>Sandy Till? (Basal Gravel) 31-32'</u>				
	Return = 80/20 - 10/100				
20	-10% fine to medium grain sands				
	110 is dominantly sedimentary rk clasts				
	<u>Bedrock 32' Arenite</u>				
	1st 3" are gossaneous				
	Beige with greenish tinge, 15% yellow chips, 5% rusty chips, fine to medium grained, grainy-clastic somewhat mottled texture, soft near surface, harder further down, moderately carbonatized with Tr Py				
30		01	31	32	
		02	32	36	
35	2-3% grey qtz chips in t10 having 10% finely disseminated Py				
35 1/4	loose grey qtz with Py				
35 3/4	40% rusty chips in t10				
36	Loose rusty chips				
	BR = Sed (Arenite?) is grey qtz + Py				
	Similar to hole 263 but more strongly carbonatized				
	End of Hole = 36'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montgolfier-Aloigny Q-30 GEOLOGIST B Gray
 HOLE NO MA-85-265 LOCATION 127¹⁵⁰W TL125 = 12¹²⁰S DEPTH 65
 DATE STARTED July 24 Night Shift 1:30 am HOLE ELEVATION _____
 DATE COMPLETED July 24/85 2:15 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0-2	Organics				
2-10	<u>Loastrina Sediments 2-54'</u> Grey, lumpy, calcareous clay, slightly gritty, 21% dropstone (including limestones)				
10-54	Wet grey clay				
54-63	<u>Gravel 54-63 (Possibly Till)</u> Moderately Sorted Return = 80/20 -10/110 -10 = fine sand with 10% medium sand 110 = coarse sand with 5% small pebble size clasts. Grains outnumber chips and are generally subangular to subrd. 110 = 70/30 Matrix/Kalic = 25% shaly argillite, 25% green sandstone, 20% volcanic (basalt) 25% granitoid, 1% banded iron formation, 1% free grt.				
63-65	<u>Bedrock 63' Basalt</u> Dark green, fine grain, finely laminated or slightly schistose rk with 1% carbonate blebs and fracture fill. Host not carbonatized. Minor washing in. OK = Basalt? End of Hole = 65'				
60-63		01	54	63	
63-65		02	63	65	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montgolfier-Aloigny Q-30 GEOLOGIST B. Gray

HOLE NO MA-85-266 LOCATION 132⁺⁵⁰W TL 12S = 12⁺²⁵S DEPTH 75'

DATE STARTED July 24 Night Shift 2:25 am HOLE ELEVATION _____

DATE COMPLETED July 24 /85 3:25 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0-1	Organics				
	Lacustrine Sediments 1-64'				
1-15	Lumpy, calcareous grey clay				
15-35	Wet grey clay				
35-64	Grey silt, fine sands and grey clay sinterbedded				
	Basal Gravel? 64-66 (Possibly TILL)				
	Weakly Sorted				
	Return: 70/30 - 10/110				
20	-10 = fine sands with 10% medium grain sands				
	110 = coarse sand with 5-10% small pebble size clasts. Grains outnumber chips and are subangular				
30	110 = 80/20 Matrix/Felsic				
	Felsics are dominantly sandy, felsics dominantly granitic. Note Tr free by in 110.				
	65-66 Pebbles increase to 30% of 110				
	Bedrock 66' Argillite				
40	Gasaneous for first 4"				
	Greenish gray, fine grained, finely laminated and slightly schistose, moderately soft non-carbonatized rt with shiny lustre on shear planes. Tr by				
50	67' 50% rusty chips in 110 for 3"				
	68-73 80% rusty chips in 110 for 4' then 2" unaltered then 70% rusty chips for 1'				
	72' 230% qtz-carb chips in 110 - many are rusty				
60	73-74 1/2 Unaltered				
	74 1/2-75 70% rusty chips in 110				
	BR = Sed (Sheared silt-sandstone)				
	End of Hole = 75'				
		01	64	66	
		02	66	75	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montgolfier-Aloigny Q-30 GEOLOGIST B. Gray

HOLE NO 11A-85-267 LOCATION 135⁰⁰W / 7⁷⁵S DEPTH 170'

DATE STARTED July 28 Night Shift 3:45 am HOLE ELEVATION _____

DATE COMPLETED July 28/85 5:50 am

New bit CB67072 - cones loose on old bit

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0-1	Organics	N/S			
1-102	Lacustrine Sediments 1-102'				
1-15	Lumpy, grey calcareous clay - slightly gritty				
15-60	Silt and fine sand, 21% +10				
60-102	Wet grey clay silt and fine sand interbedded				
102-167	Gravel 102-167 (Possibly TILL)				
	Moderately sorted				
20	Return = 80/20 to 90/10 -10/+10				
	-10 = fine sand with 20% medium sand				
	+10 = coarse sand with 5% small pebble size clast. Grains outnumber chips and tend to be subround.				
30	+10 = 80/20 Mafic/felsic				
	50% seds (stalyargillite, green silt)				
	30% volcanics (basalt, andesite, trace epidotized voles) 20% granitoids, 21% free qtz, 21% clonite.				
40	105-109 Pebbles increase to 20% of +10				
	Return goes to 75/25 -10/+10				
	109' Andesite bldr (6")				
50	115-166 Well Sorted with respect to matrix vs clast content				
	-10 = fine sand with 30-40% medium sand				
	Pebbles = 5-15% of +10 (increases). Chips and grains in equal proportions. Felsics increase to 25% of +10.				
60	115' Return slightly oxidized for 3"				
	120' Dioritic cobble				
	130' 6" pebble horizon (Pebbles 80% of +10)				
	132' 1% banded iron formation in +10				
	135-150 Pebbles increase to 10-15% of +10				
	150 Green sandstone cobble				
70	150-154 Pebbles decrease to 5-10% of +10				
	156' Felsic intrusive cobble				
	166 Mafics increase to 90% of +10				
80	Bedrock 167' Subgraphitic schist/wacke				
	Grey-black return.				
	Rt is fine grained, finely laminated and locally schistose. Trace Pyrite.				
	Note 15% red chips and 1% qtz chips in +10. Red chips in host and in qtz - possibly hematite in qtz stringers or hematized by				
90	168' 10% qtz chips in +10				
	BR = Graphitic Sediment				
100	End of Hole = 170'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Q-30 GEOLOGIST B. Gray

HOLE NO MA-85-267 LOCATION _____ DEPTH 170'

DATE STARTED _____ HOLE ELEVATION _____

DATE COMPLETED _____

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
110		01	102	115	
120		02	115	125	
130		03	125	135	
140		04	135	145	
150		05	145	155	
160		06	155	165	
170		07	165	167	
		08	167	170	
180					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montgolfier-Alcayn GEOLOGIST B. Gray

HOLE NO MA-85-268 LOCATION 142°50'W / 9°25'S DEPTH 78'

DATE STARTED July 24 Night Shift 6:45 am HOLE ELEVATION _____

DATE COMPLETED July 24/85 7:40 am

(July 21 now) →

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	↓ 0-1 Organics				
	Lacustrine Sediments 1-66				
10	1-35 lumpy grey calcareous clay 3% coarse sand 35-50 Grey silt and fine sand 3% coarse sands 50-66 Wet grey clay				
20	Gravel 66-77 (Possibly TILL) Weak to moderately sorted Return = 80/20 to 75/5 -10/10 -10 = fine sand with 20% medium sand 10 = c. sand with 5% small pebble size clasts. Chips outnumber grains. Grains are subangular to subrounded with occasional well rounded.				
30	10 = 90/10 mafic/felsic = 50-60% shaly argillite, 10% basalt, 15% andesite, 1% banded non formation, 1% free qtz.				
40	70' Granitic boulder (6") 76' Note 10% hematized qtz chips Note Tr Py in green sandstone Note Tr Py in -10 fraction				
50	Bedrock 77 Wacke / Tuff Greyish-green, fine to medium grained, slightly mottled, somewhat grainy r.k. with trace qtz veinlets to 2mm and Tr Py. BR = Sed (Arenite/Wacke ??)				
60	End of Hole = 78'				
70		01	66	75	
		02	75	77	
		03	77	78	
80					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-269 LOCATION L 132+50 W, 7+75 S DEPTH 174'

DATE STARTED JULY 21, 1985; 8:15 am. HOLE ELEVATION _____

DATE COMPLETED JULY 21, 1985; 9:50 am.

DEPTH ft	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>CLAY : 0-142'</p> <p>grey, moderately firm, non-gritty, becoming very soft after 5', sometimes 'soupy', often washed through; sand and pebble interbeds common; medium-grained, polyolithic sand.</p>				
10					
20					
30					
40					
50					
60					
70					
80					
90					
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-269 LOCATION L132+S0W, 7+753 DEPTH 174'

DATE STARTED JULY 21, 1985; 8:15am HOLE ELEVATION _____

DATE COMPLETED JULY 21, 1985; 9:50 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'					
110'					
120'					
130'					
140'	<p>TILL: 142-170' 142-149': possible gravel 40-60% pebbles, 60-40% medium to coarse grained, poly lithic sand; pebbles: 80-90% volcanics and metasediments (dark, aphanitic, 5-7% magnetic), 10-20% granitoids 149-163': sandy till. - 70-90% fine salt and pepper coloured sand, 30-90% small pebbles; poorly sorted; occasional thin interbeds of the 'gravel' above 163-165': possible gravel, as above 165-170': 50-70% fine to medium grained poly lithic sand, 50-30% pebbles: 80-90% volcanics and metasediments, 10-20% granitoids, poorly sorted; 50% rounded.</p>	01	142	145	
150'		02	145	155	
160'		03	155	165	
170'	<p>BEDROCK: 170-174' Argillite/wacke black, aphanitic, poor slaty cleavage, moderately hard, slow reaction to acid, trace amounts of disseminated cubic pyrite (.5mm) - volcanic</p>	04	165	170	
		05	170	174	
180'					

END OF HOLE: 174'

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOISNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-270 LOCATION L 130700W, 7+75S DEPTH 170.5'

DATE STARTED JULY 21, 1985; 10:25am HOLE ELEVATION _____

DATE COMPLETED JULY 21, 1985; 12:25 pm

DEPTH 0ft	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	CLAY: 0 - 156' - grey, soft, non-gritty; frequently of a soupy constituency or washed through; medium grained sand and pebble inter- beds common				
10	147-150': silt interbed				
	150-155': poor return of medium-grained sand and pebbles; probably clay washed through.				
20	155-156': silt interbed.				
30					
40					
50					
60					
70					
80					
90					
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-270 LOCATION L130+00W, 7+75S DEPTH 170.5

DATE STARTED JULY 21, 1985; 10:25 am HOLE ELEVATION _____

DATE COMPLETED JULY 21, 1985; 12:25 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'					
110					
120					
130					
140					
150					
156-169'	TILL: 156-169'	01	147	157	
160	medium-grained poly lithic sand 50-30%, pebbles 50-70% as follows: 80-90% volcanics and meta sediments (dark, aphanitic; 3-5% black with good slaty cleavage, magnetic), 10-20% granitoids, 0-3% white carbonates; 20-35% rounded; moderately well to well sorted.	02	157	165	
	157-158': carbonaceous volcanic - no evidence of other cobbles or boulders	03	165	169	
170		04	169	170.5	
169-170.5'	BEDROCK: 169-170.5' Aronite pale green, aphanitic, poor-no slaty cleavage, moderately hard, pervasively carbonaceous				
180					
	END OF HOLE: 170.5'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-271 LOCATION L 127+50 W, 7+00 S DEPTH 129'

DATE STARTED JULY 21, 1985; 12:40 pm HOLE ELEVATION _____

DATE COMPLETED JULY 21, 1985; 1:50 pm

DEPTH OFF	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
	<p>CLAY: 0 - 110'</p> <p>0-': brown mud and organics</p> <p>7-110': grey, non-gritty, moderately firm to soft, frequently washed through; medium grained sand and pebble interbeds common.</p>				
10					
20					
30					
40					
50					
60					
70					
80					
90					
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALDIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-271 LOCATION L127+50 W, 7+00 S DEPTH 129'

DATE STARTED JULY 21, 1985; 12:40 pm HOLE ELEVATION _____

DATE COMPLETED JULY 21, 1985; 1:50 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'					
110'	<p>TILL: 110-125'</p> <p>110-115: possible gravel; 50-20% medium to coarse-grained, polyolithic sand, 50-80% pebbles comprised of 80-90% volcanics and meta sediments (dark, aphanitic), 10-20% granitoids, 3-5% white carbonates; 5-10% of the volcanics/sediments were black, magnetic, with good slaty cleavage.</p>	01	110	115	
120'	<p>10-20% rounded; poorly sorted</p>	02	115	125	
130'	<p>115-125: 50-80% fine to medium-grained polyolithic sand, 50-20% pebbles as described above; 5-10% rounded.</p> <p>BEDROCK: 125'-129' Subgraphitic Schist black, aphanitic, moderate slaty cleavage, moderately hard, pervasively carbonated. - trace pyrite in fines. - graphitic? water blackened initially but returned to normal - possible fractures or sand seams: 3-5% contamination</p> <p>END OF HOLE: 129'</p>	03	125	129	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-272 LOCATION L125+00W, 8+00S DEPTH 95'

DATE STARTED JULY 21, 1985; 2:10pm HOLE ELEVATION _____

DATE COMPLETED JULY 21, 1985; 3:05pm

DEPTH ft	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p><u>CLAY: 0-79'</u> 0-5': organics, pebbles, soft brown clay 5-80: soft, gray, non-gritty; often washed through or thick and soupy; sandy and pebble interbeds common.</p>				
10					
20					
30					
40					
50					
60	<p><u>Boulder Till: 79-90'</u> Between boulders: 50% medium-grained poly-lithic sand, 50% pebbles: 80-95% volcanics and metasediments (dark, aphanitic; 3-5% black, magnetic, good slaty cleavage), 5-20% granitoids, 0-3% white, carbonaceous. 10% rounded, poor-moderately sorted. boulders ~2' at least</p>				
70					
80					
85	<p><u>BEDROCK: 90-95'</u> Tuff or Akenitel(?) pale green and rust becoming grey and pale yellow with depth, moderately soft, carbonaceous, aphanitic, poor slaty cleavage; calcite chips ~3mm probably from a vein; trace cubic pyrite 1mm.</p>	01	79	85	
90		02	85	90	
95		03	90	95	
100					

END OF HOLE: 95'

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-273 LOCATION L125+00W, 2+75S DEPTH 138'

DATE STARTED JULY 21, 1985; 3:55 pm HOLE ELEVATION _____

DATE COMPLETED JULY 21, 1985; 4:40 pm

DEPTH 0ft	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>* * CLAY: 0-135' 0.5': organics 5-10': brown mud 10-135': grey, soft, non-gritty clay, fre- quently washed through or thick and soupy medium-grained sand and pebble interbeds common.</p>				
10					
20					
30					
40					
50					
60					
70					
80					
90					
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-273 LOCATION L125+00W, 2+75S DEPTH 138'

DATE STARTED JULY 21, 1985; 3:55 pm HOLE ELEVATION _____

DATE COMPLETED JULY 21, 1985; 4:40 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'					
110'					
120'					
130'	<p><u>BEDROCK: 135-138'</u> Graphitic schist/wacke black, aphanitic, moderate slaty cleavage, soft, graphitic (black water), 25-40% massive sulfides; becoming grey to black, moderately soft, poorer cleavage and 10-15% massive sulfides at 136'.</p>				
140'	<p>END OF HOLE: 138'</p>	01	135	138	

KERR ADDISON MINES LIMITED

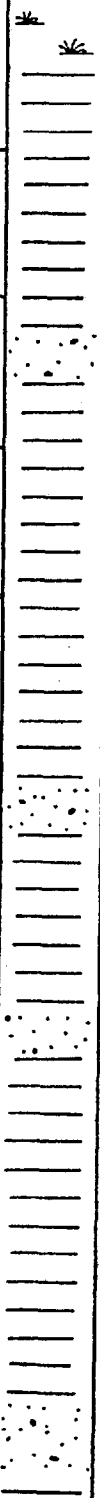
OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-274 LOCATION L127+50W, 2+80S DEPTH 168'

DATE STARTED JULY 21, 1985; 5:05 pm HOLE ELEVATION _____

DATE COMPLETED JULY 21, 1985; 6:25 pm

DEPTH OFF	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	 <p>ORGANICS: 0-5'</p> <p>CLAY: 5-129'</p> <p>grey, non-gritty, soft, often washed through; sand and pebble interbeds common.</p>				
10					
20					
30					
40					
50					
60					
70					
80					
90					
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALAINY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-274 LOCATION L127+50W, 2+80S DEPTH 168'

DATE STARTED July 21, 1985; 5:05 pm HOLE ELEVATION _____

DATE COMPLETED July 21, 1985; 6:25 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'					
110'					
120'					
130'	<p><u>Till</u>: 129-166'</p> <p>129-143': 50% medium-grained, polyolithic sand, 50% pebbles: 70-85% volcanics and meta-sediments (dark, aphanitic; 3% black, slaty & magnetic), 30-15% granitoids - poorly sorted; 10-30% rounded.</p> <p>143-155': increase in sand matrix to 85-95%; increase in volcanic/meta-sediment pebbles to 85-95%, granitoids 15-5% . - poor return, possibly clay??</p> <p>155-157': as in 129-143'</p> <p>157-160': as in 143-155'</p> <p>160-166': cobbly till; cobbles < 6"</p> <p><u>BEDROCK</u>: 166-168' Graphitic Schist (wacke) black, aphanitic, graphitic (black water), moderate slaty cleavage; massive sulfides 3%; carbonaceous but not strongly.</p>	01	129	135	
140'		02	135	145	
150'		03	145	155	
160'		04	155	166	
170'		05	166	168	
	END OF HOLE ' 168'				

KERR ADDISON MINES LIMITED


OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-275 LOCATION L130+00W, 2+75S DEPTH 189'

DATE STARTED July 21, 1985; 7:45 pm HOLE ELEVATION _____

DATE COMPLETED July 21, 1985; 10:00 pm

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
0-6	<p><u>ORGANICS</u> : 0'-6'</p> <p>: dark brown peat, muck.</p>				
6-133	<p><u>CLAY</u> : 6'-133'</p> <p>: soft, grey, calcareous</p> <p>6'-85' : 10-15% silt</p> <p>: 61% angular, poly lithic dropstones</p> <p>85'-133' : 60% silt, 40% clay</p> <p>: 1% sub angular, poly lithic dropstones.</p>				
10					
20					
30					
40					
50					
60					
70					
80					
90					
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALVIGNY GEOLOGIST DON FORD

HOLE NO MA-85-275 LOCATION L 130+00 W, 2+75 S DEPTH 189'

DATE STARTED July 21, 1985; 7:45 pm HOLE ELEVATION _____

DATE COMPLETED July 21, 1985, 10:00 pm

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100					
110					
120					
130					
140	<p><u>SAND TILL</u>: 133'-185'</p> <ul style="list-style-type: none"> : poorly sorted : 15% silt : 50-65% fine to medium sand : 20-30% pebbles, cobbles : 50-60% grey-green, fine grained sediments : 30-40% green, fine grained mafic volcanics : 10-20% granitoids 	01	133'	145'	
150		02	145'	155'	
160	<p><u>BEDROCK</u>: 185'-189' Graphitic schist</p> <ul style="list-style-type: none"> : very fine grained, finely foliated, black, graphitic sediment. : fractured, soft (2-3) : 5% pyrite as veinlets, coarse cubes : 1-2% quartz veining (1/8") 	03	155'	165'	
170		04	165'	175'	
180	<p>END OF HOLE AT 189'</p>	05	175'	185'	
189		06	185'	189'	
190					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-276 LOCATION L135+00W, 4+25S DEPTH 120'

DATE STARTED July 21, 1985; 10:30 pm HOLE ELEVATION _____

DATE COMPLETED July 21, 1985; 11:20 pm

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
10					
20					
30					
40					
50					
60					
70					
80					
90					
100					

CLAY: 0-116'

- 0-90' : soft, grey, calcareous
- : 10% silt, fine sand
- : 21% angular, poly lithic dropstones
- 90'-116' : 30-60% silt (increases down hole)
- : 40-70% clay
- : 1% subangular, poly lithic dropstones.

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-05-276 LOCATION L135+00 W, 4+255 DEPTH 120'

DATE STARTED July 21, 1985; 10:30 pm HOLE ELEVATION _____

DATE COMPLETED July 21, 1985; 11:20 pm

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100					
110					
120	S	01	116'	120'	

TILL? : 116'

- : Thin veneer over bedrock
- : appears to be poorly sorted,
 - : 50% sand
 - : 40% pebbles (subangular)
 - : 10% silt
- : pebbles are poly lithic with mafic volcanics and sediments dominating

BEDROCK : 116' Graphitic Schist

- : black, finely foliated, very fine grained graphitic sediment.
- : fractured, soft (<3)
- : 5-7% pyrite as veinlets and coarse cubes.
- : 2% quartz veins (1/8-1/4")

END OF HOLE AT 120'

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-277 LOCATION L 132+50 W. 3+50s DEPTH 189'

DATE STARTED July 21, 1985; 11:45 pm HOLE ELEVATION _____

DATE COMPLETED July 22, 1985; 1:30 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
5	<u>ORGANICS</u> : 0'-5' : dark brown peat, muck				
10	<u>CLAY</u> : 5'-141'				
15	: 5'-85' : soft, grey, calcareous				
20	: 10-15% silt, fine sand				
25	: <1% subangular, poly lithic dropstones				
30	: 85'-141' : 30-60% silt,				
35	: 40-70% clay as above.				
40	: 1% subangular, poly lithic dropstones.				
50					
60					
70					
80					
90					
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-277 LOCATION L132+50W, 3+503 DEPTH 185'

DATE STARTED July 21, 1985; 11:45 pm HOLE ELEVATION _____

DATE COMPLETED July 22, 1985; 1:30 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100					
110					
120					
130					
140					
141-143	SILT : 141'-143' : grey. : 10% clay, 90% silt : 1% subangular, polyhedral pebbles.				
143-185	SAND TILL : 143'-185' : poorly sorted : 10-20% silt : 60-70% sand : 10-30% pebbles : subangular : 30% green, fine grained mafic volcanics : 30% grey-green, fine grained sediments : 20% graphitic, well foliated black sediments : 10% magnetic, well foliated black argillites. : 10% granitoids. : 165'-170' : 80% silty sand. : clasts are subangular, percentages as above. : 175' pebbles: 30% granitoids, 1% magnetic argillites, 15% graphite, 30% mafics, 25% other sediments	01	143'	155'	
155-165		02	155'	165'	
165-175		03	165'	175'	
175-180		04	175'	180'	
180-185		05	180'	185'	
180-185	BEDROCK : 180-185' Graphitic sediment/tuff : black, fine grained, finely foliated graphitic sediment. : hard (4.5) : 2% finely disseminated pyrite				

END OF HOLE AT 185'

KERR ADDISON MINES LIMITED


OVERBURDEN DRILL LOG

PROPERTY MONT GOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-278 LOCATION L 137+50 W. 5+255 DEPTH 136'

DATE STARTED July 22, 1985; 2:50 am HOLE ELEVATION _____

DATE COMPLETED July 22, 1985; 3:10 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
0-2'	<u>ORGANICS</u> : 0'-2' : dark brown peat, muck.				
2-120'	<u>CLAY</u> : 2'-120' : 2'-8': stiff, grey, calcareous : 8'-95': soft, grey, calcareous : 10-15% silt, fine sand. : <1% angular, poly lithic drop stones : 95'-105': clay as 8'-95', but with 30% silt : 105'-120': clay as 8'-95', but with 50% silt.				
10					
20					
30					
40					
50					
60					
70					
80					
90					
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-278 LOCATION L 137+50 W, 5+255 DEPTH 136'

DATE STARTED July 22, 1985; 2:50 am HOLE ELEVATION _____

DATE COMPLETED July 22, 1985; 3:10 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100					
110					
120	<p>SAND TILL: 120'-134'</p> <ul style="list-style-type: none"> : poorly sorted : 10-20% silt : 50-70% sand : 20-30% pebbles, cobbles : sub angular : 50% grey-green, fine grained sediments : 30% dark green, fine grained mafic volcanics : 20% granitoids : 1% magnetic, finely foliated, black, fine grained argillite 	01	120'	125'	
130		02	125'	134'	
		03	134'	136'	
140					
	<p>BEDROCK: 134'-136' Arenite</p> <ul style="list-style-type: none"> : very fine grained, finely laminated, finely foliated grey-green sediment. : moderately carbonatized : 5% carbonate veinlets (1/8") : moderately hard (5) 				
	<p>END OF HOLE AT 136'</p>				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONT GOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-B5-279 LOCATION L140+00W, S1255 DEPTH 139'

DATE STARTED July 22, 1985, 3:10 am HOLE ELEVATION _____

DATE COMPLETED July 22, 1985, 5:45 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
10					
20					
30					
40					
50					
60					
70					
80					
90					
100					
	<p><u>CLAY</u> : 0-94'</p> <ul style="list-style-type: none"> : 0-47' : moderately stiff to soft, grey, calcareous : 10-15% silt, fine sand. : <1% angular, poly lithic dropstones. : 47-50' : sand lens : well sorted : 95% fine sand : 5% rounded pebbles. (poly lithic) : 50-94' : same as from 0-47' <p><u>SAND TILL</u> : 94'-138'</p> <ul style="list-style-type: none"> : poorly sorted : 10% silt : 60-70% sand. : 20-25% pebbles, cobbles. : subangular : 50% green-grey to black, finely foliated sediments : 40% green, aphanitic, mafic volcanics : 10% granitoids. 				
		01	94'	105'	

KERR ADDISON MINES LIMITED






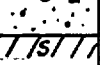
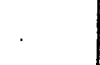
OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-279 LOCATION L140+00W, S+255 DEPTH 139'

DATE STARTED July 22, 1985; 3:10 am HOLE ELEVATION _____

DATE COMPLETED July 22, 1985; 5:45 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100					
110	 :112': 1' graphitic, finely foliated sediment boulder.	02	105'	115'	
120	 :113': 6' grey-green, fine grained sediment boulder.	03	115'	125'	
130	 :121': 3' medium grained syenite boulder.	04	125'	135'	
140	 :127': 6' granite boulder	05	135'	138'	
	 :128': 3' grey-green, fine grained sediment boulder	06	138'	139'	
	 :133': 1 1/2' grey-green, fine grained sediment boulder.				
	 :1% yellow/brown alteration. :5% quartz-carbonate veining (1/8")				
	<p>BEDROCK: 138'-139' Arenite or tuff</p> <ul style="list-style-type: none"> : fine grained, grey-green, sediment : moderately carbonatized. : 5% quartz-carbonate veinlets (1/16"-1/8") : 1% yellow/brown alteration. : hard (25) 				
	<p>END OF HOLE AT 139'</p>				

KERR ADDISON MINES LIMITED


OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-AL016NY GEOLOGIST DON FORD

HOLE NO MA-85-280 LOCATION L142150W, 5425S DEPTH 157'

DATE STARTED July 22, 1985; 6:15 am HOLE ELEVATION _____

DATE COMPLETED July 22, 1985; 8:05 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
0-2'	<u>ORGANICS</u> : : dark brown peat, muck				
2-105'	<u>CLAY</u> : : soft, grey, calcareous : 10-15% silt, fine sand : <1% subangular, polyhedral dropstones				
10					
20					
30					
40					
50					
60					
70					
80					
90					
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST DON FORD

HOLE NO MA-85-280 LOCATION L142+50 W, S1255 DEPTH 159'

DATE STARTED July 22, 1985; 6:15 am HOLE ELEVATION _____

DATE COMPLETED July 22, 1985; 8:05 am

DEPTH (feet)	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100					
110	<p><u>SAND TILL</u> : 105'-157'</p> <ul style="list-style-type: none"> : poorly sorted : 10% silt : 60-70% sand : 20-30% pebbles : subangular : 40% green, fine grained mafic volcanics 	01	105'	115'	
120	<ul style="list-style-type: none"> : 50-55% green-gray, fine grained sediments and black, finely laminated, very fine grained sediments. 	02	115'	125'	
130	<ul style="list-style-type: none"> : 5-15% granitoids : 1% graphite. : 117' to 125' : boulders : medium to fine grained mafic volcanics (3", 6") : granitoid (3") : sediment : grey-green, fine grained. (4") : granitoid cobbles between boulders. 	03	125'	135'	
140	<ul style="list-style-type: none"> : 135'-145' : very cobbly : granitoids, mafic volcanics, sediments. 	04	135'	145'	
150	<ul style="list-style-type: none"> : 145'-155' : fewer cobbles 	05	145'	155'	
		06	155'	157'	
160	<p><u>BEDROCK</u> : 157'-159' Argillite</p> <ul style="list-style-type: none"> : pale grey, very fine grained, finely laminated sediment. : 1% pyrite as coarse cubes and clusters. : moderately hard (25) : moderately carbonatized. 	07	157'	159'	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-281 LOCATION L145+00W ; 5+50S DEPTH 136.5'

DATE STARTED JULY 22, 1985 ; 8:15 am HOLE ELEVATION _____

DATE COMPLETED JULY 22, 1985 ; 9:15 am

DEPTH Oft	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	✱				
0-7'	✱				
7-118'	CLAY: 7-118' - grey, non-gritty, soft, often washed through; sand and pebble interbeds com- mon.				
10					
20					
30					
40					
50					
60					
70					
80					
90					
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-281 LOCATION L145+00 W, S+50 S DEPTH 136.5'

DATE STARTED JULY 22, 1985; 8:15 AM HOLE ELEVATION _____

DATE COMPLETED JULY 22, 1985; 9:15 AM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'					
110'					
120'	<p>TILL: 118-134'</p> <p>20% - 50% ^{fine to} medium-grained, poly lithic sand, 50-80% pebbles as follows: 90-95% vol- canics and metasediments (dark, aphanitic), 10-5% granitoids, 3% white calcite; 5-10% rounded; poorly sorted.</p> <p>124' : cobbles begin. 130' : moderately sorted</p>	01	118	124	
130'		02	124	134	
140'	<p>BEDROCK: 134-136' Arenite</p> <p>- greenish-grey, aphanitic, poor to moderate. Slaty cleavage, pervasively carbonated; trace shapeless sulfides. - very altered volcanic?</p> <p>END OF HOLE 136.5'</p>	03	134	136.5	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LERSK

HOLE NO MA-85-282 LOCATION L147+50W, 6+25S DEPTH 150'

DATE STARTED JULY 22, 1985; 9:30 am HOLE ELEVATION _____

DATE COMPLETED JULY 22, 1985; 11:15 am

DEPTH ft	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p><u>CLAY: 0-96'</u> 0-5': soft, brown, non-gritty clay + organics 5-96': soft to very soft, grey, non-gritty clay; sand and pebble interbeds common</p>				
10					
20					
30					
40					
50					
60					
70					
80					
90					
100	<p><u>TILL: 96-147.5'</u> poly lithic 20 to 50% fine to coarse-grained sand, 50-50% pebbles as follows: 80-90% volcanics and metasediments (dark, aphanitic; 5% magnetic), 10-20% granitoids; ~10% rounded; very poorly sorted; very cobbly.</p>	01	96	101.5	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-282 LOCATION L147+50W, 6+25S DEPTH 150'

DATE STARTED JULY 22, 1985; 9:30 am HOLE ELEVATION _____

DATE COMPLETED JULY 22, 1985; 11:15 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'	<p>BEDROCK: 147.5' Arenite - pale greenish-grey, aphanitic, moderate slaty cleavage, moderately soft; carbonaceous, with veins of at least 2mm.</p> <p>END OF HOLE: 150'</p>				
110		02	101.5	115	
120		03	115	125	
130		04	125	135	
140		05	135	145	
		06	145	147.5	
150		07	147.5	150	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOISNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-283 LOCATION L140+00W, 2+25S DEPTH 142'

DATE STARTED JULY 22, 1985; 11:55 am HOLE ELEVATION _____

DATE COMPLETED JULY 22, 1985; 12:55 pm

DEPTH ft	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>CLAY: 0-115' grey, soft, non-gritty; frequently washed through; sand and pebble interbeds common</p>				
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
20					
30					
40					
50					
60					
70					
80					
90					
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-283 LOCATION L140+00W, 2+25S DEPTH 142'

DATE STARTED JULY 22, 1985; 11:55am HOLE ELEVATION _____

DATE COMPLETED JULY 22, 1985; 12:55pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'					
110'					
120'	<p>TILL: 115-140' 40-50% medium to coarse-grained, poly-lithic sand, 60-50% pebbles as follows: 85-90% volcanics/metasediments (dark, aphanitic; 5-10% magmatic), 10-15% granitoids, 0-3% white calcite. 125': sand becomes fine to coarse-grained. 136': cobbles begin.</p>	01	115	125	
130'		02	125	135	
140'	<p>BEDROCK: 140-142' Tuff or arenite pale grey and rust coloured, becoming only pale grey with depth; moderately hard, aphanitic, moderate cleavage; strong pervasive carbonation. - 1% black aphanitic, volcanic chips contamination or fracture fill??</p> <p>END OF HOLE: 142'</p>	03	135	140	
150'		04	140	142	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-284 LOCATION L142+50W, 2+00S DEPTH 91'

DATE STARTED JULY 22, 1985; 11:00 pm HOLE ELEVATION _____

DATE COMPLETED JULY 22, 1985; 1:50 pm

DEPTH ft	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY	
			FROM	TO		
0	<p>CLAY: 0-88'</p> <p>grey, non-gritty, firm to very soft, often washed through; sand and pebble interbeds common.</p> <p>20</p> <p>30</p> <p>40</p> <p>50</p> <p>60</p> <p>70</p> <p>BEDROCK: 88-91' Basalt</p> <p>dark green, aphanitic, poor slaty cleavage pervasively carbonated, also very minor carbonate veins of mm increasing with depth to 25% white calcite (3-4mm chips); trace sulfides <1mm, cubic, disseminated.</p> <p>- carbonitized volcanic</p> <p>90</p> <p>END OF HOLE: 91'</p>					
10						
20						
30						
40						
50						
60						
70						
80						
90			01	88	91	
100						

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-285 LOCATION L145+00W, 1+50 S DEPTH 191'

DATE STARTED JULY 22, 1985; 2:05 pm HOLE ELEVATION _____

DATE COMPLETED JULY 22, 1985; 4:10 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0ft					
	CLAY: 0-125' - grey, soft, non-gritty; often washed through or thick and 'soupy'; sand and pebble interbeds common.				
10					
20					
30					
40					
50					
60					
70					
80					
90					
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST ELLEN LENSK

HOLE NO MA-85-285 LOCATION L145+00W, 1+50S DEPTH 191'

DATE STARTED JULY 22, 1985; 2:05pm HOLE ELEVATION _____

DATE COMPLETED JULY 22, 1985, 4:10pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100					
110					
120					
130	<p><u>TILL: 125-189.5</u> 50% fine to coarse, polyolithic sand, 50% pebbles as follows: 80% volcanic/meta-sediments (dark, aphanitic; ~5% black, magnetic with good slaty cleavage), 20% granitoids; 1-5% white calcareous; 5-10% rounded; poorly sorted; small (<6") but frequent cobbles 189' cobble or bedrock alteration? 50% black, good slaty cleavage, magnetic; 50% medium green, aphanitic, poor cleavage; ~2% granitoids.</p> <p><u>BEDROCK: 189.5' - 191' Volcanic?</u> 55-60% pale green, aphanitic, poor-to-slaty cleavage, pervasively carbonated; 40-45% black, magnetic, good slaty cleavage.</p> <p>END OF HOLE: 191'</p>	01	125	135	
140		02	135	145	
150		03	145	155	
160		04	155	165	
170		05	165	175	
180		06	175	185	
190		07	185	189	
		08	189	191	
200					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST E. LEASK & B. GRAY

HOLE NO MA-85-286 LOCATION L147+50 W, 1+00 S DEPTH 140'

DATE STARTED JULY 22, 1985; 4:20 pm HOLE ELEVATION _____

DATE COMPLETED JULY 22, 1985; 11:15 pm

DEPTH ft	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>CLAY: 0-115' grey, non-gritty, moderately firm to soft, washed though often or thick and 'soupy'; sand and pebble interbeds.</p>				
10					
20					
30					
40					
50					
60					
70					
80					
90					
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST E. LEASK & B. GRAY

HOLE NO MA-BS-286 LOCATION L147+50W, 1+00S DEPTH 140'

DATE STARTED JULY 22, 1985; 4:20pm HOLE ELEVATION _____

DATE COMPLETED JULY 22, 1985; 11:15pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'					
	<u>Till</u> : 115 - 125 20-50% fine to coarse-grained poly lithic sand, 50-80% pebbles: 80-95% volcanics and metasediments (dark, aphanitic; 43% magnetic), 5-20% granitoids, 0-2% white calcite; 5-20% rounded; poorly sorted. 125': cobbles begin				
120'	<u>Gravel</u> : 125 - 139 Moderately to Well Sorted Return: 80/20 to 98/2 - 10/110 -10: fine sand with 25% medium grain sand +10: coarse sand with 10-20% small pebble size fragments. Grains and chips in equal proportions. Grains tend to be subround.	01	115	125	
		02	125	129	
130'	+10: 85/15 fatic/felsic = 240% volcanic (andesite) 440% sed (shaly argillite + minor green sandstone) 15% granitoid, 21% free quartz.	03	129	135	
	137 1/2' - Medium grain andesite cobble (4")	04	135	139	
140'	<u>Bedrock</u> 139' <u>Basalt</u> Dark green, fine grained, slightly schistose, non-carbonatized mafic volcanic with 1% qtz-carb veinlets to 4mm (dominantly carb = calcite). 139 1/2' Qtz-carb chips increase to 15% of +10 Bedrock = Basalt End of Hble = 140'	05	139	140	

KERR ADDISON MINES LIMITED


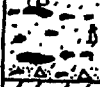
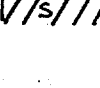
OVERBURDEN DRILL LOG

PROPERTY Montgolfier-Aloigny Q-30 GEOLOGIST B. Gray

HOLE NO NA-85-287 LOCATION L 137+50 W / O+85 S DEPTH 103'

DATE STARTED July 22 Night Shift 12:30 am HOLE ELEVATION _____

DATE COMPLETED July 22/85 3:00 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0-1	Organics				
1-6	Lacustrine Sediments 1-90'				
6-30	Grey gritty calcareous clay (5-10% fine to medium grained sand)				
30-70	Wet silty clay - 1% polyhedral dropstone				
70-90	Grey silt and fine sand				
	Wet grey clay				
90-100	Gravel (Possibly Till)				
	Weakly sorted compositionally				
	moderately sorted in matrix vs. clast content				
	Return 80/20 = 10/110				
	10 = fine with 40% medium sand				
	110 = coarse sand with 5-20% small pebble size clast (variable). Grains outnumber clasts. Grains tend to be subangular				
	110 = 80/20 to 75/25 slate / felsic				
	= 40-60% shaly argillite, 15-35% andesite, 5-20% basalt, 20% granitoid.				
74	Note Tr free py in 110 (3mm cube)				
74	Andesite cobble (2") with Tr-1% py				
76	Basalt cobble				
77	Note shaly argillite chip with 80% py				
100	Basalt cobble				
100-101 1/2	Basal Till / Gravel ?				
	Strata more densely packed - harder than above				
	Grains slightly more angular, more matrix in 110				
	Unsorted				
101 1/2	Bedrock Arenite or Andesite				
	Greenish grey, fine grain (with a 3% medium grained clast), finely laminated and/or slightly schistose, non carbonated, grainy with trace carbonate fracture fill and Tr py. RK moderately hard. Minor washing in.				
	BR = Sediment (Ashfall Till ??)				
	End of Hole 103'				
90		01	90	95	
95		02	95	101 1/2	
103		03	101 1/2	103	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montgolfier - Atoigny Q-30 GEOLOGIST B. Gray/E. Leask

HOLE NO MA-85-288 LOCATION 135¹⁰⁰W / 23¹⁰⁰S DEPTH 165'

DATE STARTED July 22/85 Night Shift 5:00 am HOLE ELEVATION _____

DATE COMPLETED July 24/85 5:30 pm

Ry down 5:30 am, July 22 - Compressor
or Transmission ceased - lack of oil

DEPTH 0 ft	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	0-1 Organics				
	<u>lacustrine Sediments 1-158'</u>				
	1-20 Brown lumpy calcareous clay turning grey at 12'				
	20-50 Interbedded wet grey clay, silt and fine sand				
10	50-80 fine sand + silt + 1% coarse sand				
	80-115 Wet grey clay				
	115-145 Interbedded wet grey clay + silt				
	145-158 grey silt				
20					
30					
40					
50					
60					
70					
80					
90					
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALGAINY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-288 LOCATION L135+00 W / 23+00 S DEPTH 165'

DATE STARTED JULY 22nd, 1985; 5:00am HOLE ELEVATION _____

DATE COMPLETED JULY 24, 1985; 5:30 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'					
110					
120					
130					
140					
150					
158-164'	TILL: 50% medium-grained polyolithic sand (possibly fine to medium-water was very dirty), 50% pebbles: 90% volcanics/metasediments (dark, aphanitic), 10% granitoids; 20-30% rounded; poor to moderately well sorted.	01	158	164	
164-165'	BEDROCK: Subgraphitic schist/wacke black, aphanitic, moderately hard, poor slaty cleavage; 2 mm white veins abundant - possibly some quartz and calcite, very slow reaction to acid. [pulled rods after 1' because torque too high]	02	164	165	
170					
	END OF HOLE 165'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-289 LOCATION L132+50 W, 22+75 S DEPTH 124'

DATE STARTED July 24, 1985 8:25 pm HOLE ELEVATION _____

DATE COMPLETED July 24, 1985 9:25 pm

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	↓				
	* ORGANIC: 0-8' - light brown, fibrous organics				
	* CLAY: 8'-108'				
10	8'-12' - brown, soft clay				
	12'-15' - stiff, blueish-grey clay				
	15'-108' - soft, grey clay				
	- 1% sand				
20					
30					
40					
50					
60					
70					
80	80'- 10% silt				
90					
100					

KERR ADDISON MINES LIMITED

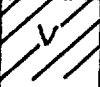
OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-289 LOCATION L 132+50 W, 22+75 S DEPTH 124'

DATE STARTED July 24, 1985 8:25 pm HOLE ELEVATION _____

DATE COMPLETED July 24, 1985 9:25 pm

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100					
	GRAVEL: 108' - 122'				
	- moderately sorted				
	- 50% sand, 10% pebbles				
	- 45% granitoid, 30% volcanic,				
	- 20% sedimentary, 5% quartz				
110	- 60% rounded	01	108	115	
	110' - 1' medium and dark green speckled boulder, 10% quartz-carbonate veinlets				
	- water table				
	111' - 2% iron formation, angular pebbles	02	115	122	
120	120' - trace coarse pyrite				
	 BEDROCK: 122' - 124' Andesite	03	122	124	
	- medium greyish green, 10% yellowish green alteration parallel to foliation as stringers				
130	- foliated				
	- hard, hardness approx. 6				
	- 10% irregular quartz carbonate veinlets, 10% quartz, 10% carbonate				
	- host not carbonatized				
	- 2% fine disseminated pyrite associated with quartz				
	- altered volcanic				
	END OF HOLE 124'				

KERR ADDISON MINES LIMITED


OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-290 LOCATION L130+00 W, 22+75 S DEPTH 100'

DATE STARTED July 24, 1985 10:00 pm HOLE ELEVATION _____

DATE COMPLETED July 24, 1985 11:20 pm

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	↓ * <u>ORGANIC: 0-6'</u> - brown, fibrous				
10	<u>CLAY: 6'-92'</u> 6'-11' - stiff, blueish grey clay 11'-92' - soft, brownish grey clay 30' - 2-5% medium sand 90' - 1" pebble bed				
20					
30	<u>GRAVEL: 92'-98'</u> - poor to moderately sorted - 30-40% fine to medium sand, 5% pebbles, 55-65% clay assumed. 94' - 6" granite boulder - gravel is 20-30% rounded - 30% granitoid, 50% volcanic, 15% sedimentary including 2% iron formation, 5% quartz				
40					
50	<u>BEDROCK: 98'-100'</u> Andesite - medium green, fine grained - strongly foliated - 1% fine to medium pyrite crystals - not carbonatized - moderately hard, hardness 4-5 - 2" carbonate veinlets cross cutting foliation - 2% contamination from above - Volcanic?				
60					
70					
80	END OF HOLE 100'				
90	No duplicate of basal sample 02				
100		01	92	95	
		02	95	98	
		03	98	100	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-291 LOCATION L 127+50 W, 22+50 S DEPTH 85'

DATE STARTED July 24, 1985 11:45 pm HOLE ELEVATION _____

DATE COMPLETED July 25, 1985 12:30 am

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p><u>ORGANIC: 0-1'</u> - brown, fibrous organics</p>				
10	<p><u>CLAY: 1'-30'</u> 1' - 7' - stiff, blueish grey clay 7' - 11' - stiff, brownish grey clay, calcareous 11' - 16' - soft, brownish grey clay 16' - 80' - soft, grey clay</p>				
20					
30					
40					
50	<p><u>GRAVEL: 80'-82'</u> - poorly to moderately sorted - 40% fine to medium sand, 5% pebbles, 55% clay assumed - 30% granitoid, 50% volcanic, 15% sedimentary, 5% quartz - cobble</p>				
60					
70	<p><u>BEDROCK: 82'-85' Basalt</u> - medium green with 2% dark green grains - fine grained - well foliated - $\frac{1}{20}$" quartz veinlets cross cutting foliation - $\frac{1}{16}$" quartz-carbonate veinlets parallel to foliation. equal portions of quartz and carbonate - hard, hardness approx. 6 - 1% fine grained pyrite cubes - not carbonatized - 2% $\frac{1}{20}$" veinlets of yellowish quartz cross-cutting foliation and cross-cutting $\frac{1}{16}$" quartz-carbonate veinlets - $\frac{1}{20}$" veinlets of moderately hard, dark brown mineral (ankerite) and carbonate parallel to and cross cutting foliation - volcanic? No duplicate of basal sample END OF HOLE 85'</p>	01	80	82	
80		02	82	85	
90					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-292 LOCATION L 125+00 W, 22+25 S DEPTH 83'

DATE STARTED July 25, 1985 10:5 am HOLE ELEVATION _____

DATE COMPLETED July 25, 1985 1:55 am

DEPTH Feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	ORGANIC: 0-1'				
10	CLAY: 1'-75' 1'-2'- stiff, blueish grey clay 2'-8'- stiff, brownish grey clay 8'-75'- soft, grey clay 25'- 5% medium sand				
20					
30					
40	GRAVEL: 75'-80' - well sorted - fine to medium sand 50%, 10% pebbles - 35% granitoid, 45% volcanic, 15% sedimentary, 5% quartz - 30% rounded - cobbles - water table				
50					
60	BEDROCK: 80'-83' Sediment? (or Volcanic) 80'-80.4'- beige, very fine grained quartzite - hard, hardness approx. 7 - with 2% fine disseminated pyrite - no carbonate				
70	80.4'-80.5' - transition - finely intercalated 1/16" - 1/8" bands				
80	80.5-83' - fine grained - medium to dark grey - minor speckling of dark grey grains - moderately to well foliated - 2-3% fine to medium disseminated pyrite - 4% minor dark brown mineral (ankerite?) in veinlets. - 2% 1/16" quartz veinlets parallel to foliation - not carbonatized - well fractured - dark brown oxidation stains extend 1/4" away from some fractures - sediment	01	75	80	
		02	80	83	
90					

END OF HOLE 83'

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA - 85 - 293 LOCATION L120+00 W, 22+00 S DEPTH 102'

DATE STARTED July 25, 1985 2:30 am HOLE ELEVATION _____

DATE COMPLETED July 25, 1985 3:20 am

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
0-3'	NO RETURN: 0-3'				
3-4'	ORGANIC: 3'-4' - light brown, fibrous organics				
4-80'	CLAY: 4'-80' 4'-6' - stiff, blueish grey clay 6'-80' - soft, grey, calcareous clay - 5% sand				
80-90'	CLAY TILL: 80'-90' - poorly sorted - silt 10%, fine sand 5-10%, pebbles 5-10%, 70-80% clay assumed - 55% granitoid, 30% volcanic, 10% sedimentary, 5% quartz - 1% iron formation pebbles - 20% rounded clasts				
90-99'	SAND: 90'-99' - well sorted fine sand with 10% pebbles				
99-100'	TILL: 99'-100' - poorly sorted - 40% granitoid, 35% volcanic, 20% sedimentary, 5% quartz - 1-2% coarse pyrite - 1% iron formation pebbles - slow drilling				
100-102'	BEDROCK: 100'-102' Basalt - medium greyish green - fine grained - moderately to well foliated - 5% medium grained free quartz grains with fuzzy grain boundaries - not carbonatized - 3% 1/8" quartz veinlets oblique to foliation, with sharp and fuzzy veinlet contacts - trace medium grained pyrite - Volcanic?	01	80	85	
		02	85	95	
		03	95	100	
		04	100	102	

END OF HOLE 102'

KERR ADDISON MINES LIMITED

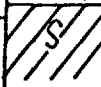
OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST B. OTTON

HOLE NO MA-85-294 LOCATION L115+00 W, 21+50 S DEPTH 91'

DATE STARTED July 25, 1985 4:05 am HOLE ELEVATION _____

DATE COMPLETED July 25, 1985 4:45 am

DEPTH feet	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0					
	<p><u>ORGANIC: 0-1'</u> - light brown, fibrous organics</p>				
10	<p><u>CLAY: 1'-86'</u> 1'-6' - stiff, brownish grey clay 6'-86' - soft, grey clay - 3% medium grained sand</p>				
20					
30					
40					
50	<p><u>GRAVEL: 86'-89'</u> - moderately sorted - 30% fine sand, 10% medium sand, 5% pebbles - 45% granitoid, 30% volcanic, 20% sedimentary, 5% quartz - 10-20% rounded clasts - occasional cobbles</p>				
60					
70	<p><u>BEDROCK: 89'-91' Argillite & Basalt</u> - medium to dark green - fine grained - weakly foliated - soft, hardness approx. 4 - 1% fine disseminated pyrite - 1/4" layer (bed) of dark gray or black sediment intercalated with the host. Black layer is soft, hardness of 4 - 5% calcite in host - 1/4" calcite veinlet with irregular contacts 1%. - sediment - no duplicate of basal sample</p>				
80					
90	 <p>END OF HOLE 91'</p>	01	86	89	
		02	89	91	
100					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST KEN KRYKLYWY / BRIAN GRAY

HOLE NO MA-BS-295 LOCATION 99+50W, 5+75S DEPTH 187'

DATE STARTED JULY 25, 1985; 11:15 AM HOLE ELEVATION _____

DATE COMPLETED JULY 25, 1985; 10:30 PM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	CLAY: 0-15' - grey, soft clay				
10'					
20'	SILT?: 15-50' - very poor return - probably silt with fine sand and minor (<5%) pebbles				
30'					
40'					
50'	CLAY: 50-80' - grey, soft, non-gritty clay				
60'					
70'					
80'	TILL: 80'-107' - poorly sorted with 75% pebbles, 25% sand - 50% angular, 10% rounded clasts - 75% medium to dark green volcanics, 25% granitoids, quartz, sediments	01	80	85	
90'	- by 83': increase to 75% sand, 25% pebbles - 88': medium green, medium grained, mottled volcanic cobble	02	85	95	
100'	- 90': change to 50% sand, 50% pebbles - more cobbly, pebbly - 95-96': grey-green, fine grained volcanic boulder	03	95	105	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER-ALOIGNY GEOLOGIST KEN KRUKLYWY/BRIAN GRAY

HOLE NO MA-85-295 LOCATION 99+50w, 5+7SS DEPTH 187'

DATE STARTED JULY 25, 1985; 11:15 AM HOLE ELEVATION _____

DATE COMPLETED JULY 25, 1985; 10:30 PM

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'	<p>96': change to 90-95% fine sand, 5-10% pebbles - moderately sorted pebbles angular * below average return implies a silt or clay matrix which has been washed away</p>	03	95	105	
110'	<p>CLAY TILL: 107'-112' - 75% gritty clay, 25% sand-pebbles - pebbles still mostly angular - 75% dark green volcanic, 25% others</p>	04	105	115	
120'	<p>110': WATER TABLE SAND TILL: 112'-129' - 75% sand, 25% pebbles, <5% clay - angular, poorly sorted clasts up to 1/2 cm - same composition pebbles as above tills - 121'-123': change to more cobbly till - mostly dark green, fine to medium grained volcanic with some granitoids</p>	05	115	125	
130'	<p>CLAY TILL: 129'-133' - less than average sample in this section - 75% sand, 25% pebbles in poor return - minor clay (probably mostly washed away) - by 132' - clay increases to 50%</p>	06	125	135	
140'	<p>CLAY: 133'-135' - dark grey, stiff, non-gritty COARSE SAND - FINE GRAVEL: 135'-136' COBBLES: 136'-138' FINE - MEDIUM GRAINED SAND: 138'-142'</p>				
150'	<p>CLAY-SAND: 142'-146' - dark grey, sandy clay (fluvial?) - non-calcareous - 10-20% sand - clay has mica (?) specks throughout</p>	07	154	165	
160'	<p>Hard Pack Clay 146-154 - Gray, finely laminated lacustrine clay</p>	08	165	175	
170'	<p>Pebbly Till 154-177 Unsorted Return = 70/10 - 10/10 - 10 = fine sand with 30-40% medium sand - 10 = coarse sand with 10% small pebble size fragments. Chips outnumber grains. Grains tend to be subangular - 10 = 80/20 flint/felsic = 40% andesite, 20% sand (shaly argillite) 15% granitoids, 5% diorites, 5% mafic intrusive, 14% fragtz.</p>	09	175	185 1/2	
180'	<p>After 186' pebbles increase to 20-30% of #10 - 10 = fine sand with 20-35% medium sand - 10 = 75/25 flint/felsic</p>	10	185 1/2	187	
190'					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Q-30 GEOLOGIST K. Kryklywy / B. Gray

HOLE NO MA-B5-295 LOCATION 99+50W/S+75S DEPTH 187'

DATE STARTED _____ HOLE ELEVATION _____

DATE COMPLETED _____

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
158'	Note Tr Py in volc chips				
162	Green argillite cobble				
165	Andesite cobble				
166-177	Pebble + Cobble drilling: chips greatly outnumber grains Return = 98/2 -10/110 Abundant washing in of -10 fraction -10 = fine with 20% medium sand <u>Fine to Medium Grained Sands 177-180</u> <u>Pebbly Till 180-185 1/2</u> Similar to 154 to 177 but with only 5% small pebble size fragments in t10.				
180 1/2	Abundant -10 washing in for 3" - Water table?				
184	Andesite cobble - Abundant -10 washing in				
185	Note Py in sedimentary rk chips. <u>Bedrock 185 1/2' Andesite</u> Greenish-gray, aphanitic to fine grained, weakly carbonatized, hard r/k with a poorly developed schistosity, 1% carbonate (calcite) veinlets and Trace Pyrite - finely disseminated cubes Bedrock = Volcanic (Silicified Andesite?)				
	End of Hole = 187'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montgolfier-Aloigay Q-30 GEOLOGIST B. Gray

HOLE NO MA-85-296 LOCATION 82°50'W/16°25'S DEPTH 68

DATE STARTED July 25 Night Shift / 12:30 am HOLE ELEVATION _____

DATE COMPLETED July 25 / 85 1:15 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0-2	Organics				
	<u>Lacustrine Sediments 2-63</u>				
1-15	Lumpy grey calcareous clay with 1% polyhedral drapstone				
15-60	Grey silt with 2% drapstone				
60-63	Fine sands				
	<u>Sand-Pebble Till 63-67</u>				
	Unsorted				
20	Return = 80/20 -10/10				
	-10 = fine sand with 30% medium grain sand				
	-10 = coarse sand with 5% small pebble size clasts. Grains and chips in equal proportions. Grains tend to be subround.				
30	-10 = 75/25 mafic/felsic				
	= 40% sed's (shaly argillite), 30% volcanic (andesite), 20% granitoid, 5% diorite.				
40	64' monzonitic-dioritic bldr - 6" - moderate amount - 10 washing in.				
	66% Trace banded iron formation in -10 - rounded pebbles				
	<u>Bedrock 67 Basalt</u>				
50	Dark green, fine to medium grain, moderately carbonatized slightly schistose rk - Inequant, anhedral to subhedral mafic and felsic crystals in very fine grain matrix.				
60	67% 40% of -10 = gr. calc chips - dominantly carbonate. No visible sulphides. Minor washing in.				
	BP = 1 flat Volc - Intrusive				
	End of Hole = 68'	01	63	65	
		02	65	67	
		03	67	68	
70	114-111				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montgolfier-Aloigny Q-30 GEOLOGIST P. Gray

HOLE NO 1A-85-297 LOCATION L85¹⁰⁰W/16⁷⁵S DEPTH 59'

DATE STARTED July 25 Night Shift / 1:30 am HOLE ELEVATION _____

DATE COMPLETED July 25/85 2:45 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0-1	Organics				
	<u>Lacustrine Sediments 1-50</u>				
1-10	Lumpy brown calcareous clay turning grey at 6'. <1% dropstone				
10-38	Grey silt and fine sand with ~15% medium grain sand				
38-50	Grey silt.				
	<u>Sandy Till 50-55'</u>				
20	Unsorted Return = 80/20 -10/10 -10 = fine sand with 25% medium grain sand +10 = coarse sand with 5-10% small pebble size chips and grains. Grains outnumber chips. Grains tend to be subround.				
30	+10 = 75/25 rlatc/felsic = 45% sed (shaly argillite, green s.st.) 30% volcanic (intermediate to mafic) 20% granitoids				
34-55	Green siltstone cobble Slightly rusty andesitic cobble				
	<u>Broken Bedrock 55-57</u> Bedrock as described below with gravelly seams				
50	<u>Bedrock 57' Arenite</u> Olive green, fine grain, slightly rusty, weakly sheared rk. with 1% carbonate fracture fill. RK maybe weakly sericitized and/or carbonatized? BR = Volc - alt d	01	50	55	
		N/S	55	57	
		02	57	59	
60	End of Hole = 59'				
70					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montgolfier - Alouiny Q-30 GEOLOGIST J. Gray

HOLE NO 1A-85-298 LOCATION L 87th W / 16th S DEPTH 48'

DATE STARTED July 25, Night Shift / 3:00 am HOLE ELEVATION _____

DATE COMPLETED July 25 / 85 4:15 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0-1	Organics				
	<u>Lacustrine Sediments 1-44</u>				
1-20	Grey, lumpy, finely laminated calcareous clay				
20-30	Fine sands				
30-44	Grey silt - 1% polyhedral dropstone				
	<u>Sandy Till 44-46</u>				
	Unsorted				
20	Return = 90/10 - 10/110				
	-10 = fine with 10-20% medium grain sand				
	+10 = coarse sand with 5% small pebble size clasts. Grains and chips in equal proportions. Grains tend to be subround				
30	+10 = 80/20 fatic/fabric				
	= 50% sed (shaly argillite) 30% volc (intermediate to melt), 20% granitoid, 1% free gr.				
	<u>Bedrock 46' Aronite or Volcanic</u>				
40	1st 1" is brnsh grey (rusty?)				
	Grey, fine grain, hard, weak to moderately carbonatized (fracture + microfracture fill) silicified?				
47-48	Tr Py, +10 = 30% rusty grey-green chips	01	44	46	
	BR. Silicified volcanic (?)	02	46	48	
50	End of Hole = 48'				
60					

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY Montgolfier - Alouiny GEOLOGIST B. Gray

HOLE NO MA-85-299 LOCATION 90⁰⁰ W / 16²⁵ S DEPTH 69'

DATE STARTED July 25 Night Shift / 4:30 am HOLE ELEVATION _____

DATE COMPLETED July 25 / 85 5:45 am

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0-1	Organics				
1-13'	<u>Lacustrine Sediments 1-56</u> Lumpy brown calcareous clay + silt turning grey at 10'				
13-16	Dominantly grey silt with lesser fine sand				
16-35	Wet grey clay + silt				
35-56	Fine and medium grain sand.				
56-62	<u>Sandy Till / Gravel ? 56-62</u> Weakly sorted Returns: 70/30 -10/110 -10 = fine with 50% medium grain sand -110 = coarse sand with 10-20% small pebble size clast. Grains outnumber chips. Grains tend to be subround. -110 = 75/25 Mafic / felsic • 45% volcanic (andesite dominant) 35% sed (green siltstone, shaly argillite) • 20% granitoid, 1% free qtz.				
60'	Note mafic intrusive pebble with 50% Py				
62-67	<u>Cobbly Gravel ? 62-67</u> Moderately sorted Returns: 70/30 -10/110 pebble size fragments increase to 25% of +10 moderate amount of -10 washing in.				
62'	Rusty siltstone cobble then granitic cobble				
64'	Basalt cobble				
64 1/2'	Rusty medium grain sericitized andesitic cobble then 1' basalt bldr.				
67'	<u>bedrock 67' Arenite</u> Gossaneous for 1st 3" - 1% rusty qtz chips at 3" into bedrock	01	56	65	
67'	Dirty greyish green, fine to medium grain laminated (thin beds) sedimentary tk(?) having clastic texture. Non carbonatized with Tr - 1% finely disseminated by BR = Sed (Arenite?)	02	65	67	
67'		03	67	69	
69'					
80'	End of Hole 69'				

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-300 LOCATION L80+00W, 14+75S DEPTH _____

DATE STARTED JULY 26, 1985; 8:50 AM HOLE ELEVATION _____

DATE COMPLETED JULY 26, 1985; 10:00 AM

DEPTH 0ft	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>CLAY: 0-70'</p> <p>0-5': brown mud and organics</p> <p>5-70': grey, soft, non-gritty clay; often washed - occasional pebbles and minor sand, probably interbeds washed through</p>				
10					
20					
30					
40					
50					
60	<p>TILL: 70-100'</p> <p>40-60% fine to medium grained sand, poly-lithic, 60-40% pebbles: 80% volcanics/metasediments (grey to black, aphanitic, 60% poor ^{slaty} cleavage, 40% moderate-good slaty cleavage), 20% granitoids, 1-2% quartz.</p>				
70	<p>74': cobbles begin: magnetic & black, pink granitoids, black volcanics (aphanitic, poor cleavage) and green altered volcanics common. - poorly sorted; 10-20% rounded</p>	01	70	75	
80	<p>BEDROCK: 100'-104' Asernite</p> <p>- first few inches: brownish yellow alteration</p> <p>- became pale green, aphanitic, poor slaty cleavage, moderately hard</p> <p>- pervasively carbonated; also 3mm calcite veins at least, common in the first 6-8'; fewer later</p> <p>101': ~6" rusty alteration, brown drill water and sand seam - +10 more grey following alteration</p>	02	75	85	
90		03	85	95	
100		04	95	100	
105	<p>END OF HOLE 104'</p>	05	100	104	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-301 LOCATION L102+50 W, 20+50 S DEPTH 149'

DATE STARTED JULY 26, 1985, 11:25 am HOLE ELEVATION _____

DATE COMPLETED JULY 26, 1985, 1:40 pm

DEPTH ft	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p>CLAY: 0-54' 0-5': brown, soft, non-gritty 5': becomes grey, often washed through - sand and pebble interbeds present.</p>				
10					
20					
30					
40					
50	<p>TILL: 54-147' 50-70% fine to medium-grained, beige to poly- lithic sand, 50-30% pebbles: 90% volcanics and metasediments (dark, aphanitic), 10% granitoid, 0-2% carbonates; poorly sorted, ~10% rounded. 63-64': poly-lithic, coarse-grained sand and small pebbles, well sorted. - gravel? trick of drill? 64-65': fine to coarse sand matrix 65': return to till described from 54' 68': cobbles begin: many ~6" 70-71': 5-10% black, magnetic, moderate to good slaty cleavage; 75-143': pink granitoid, green altered volcanic, black volcanics common (84-85' greywacke??); 143-147': similar cobbles except granitoids white, also 5% quartz at 146' (~3")</p>				
60		01	54	65	
70		02	65	75	
80		03	75	85	
90		04	85	95	
100	05	95	105		

KERR ADDISON MINES LIMITED


OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - ALOIGNY GEOLOGIST ELLEN LEASK

HOLE NO MA-85-301 LOCATION L102+50W, 20+50S DEPTH 149'

DATE STARTED JULY 26, 1985; 11:25 am HOLE ELEVATION _____

DATE COMPLETED JULY 26, 1985; 1:40 pm

DEPTH	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
100'	 <p>BEDROCK: 147-149' Basalt greenish-dark grey, poor slaty cleavage, aphanitic, moderately hard; pervasively carbonated, also 2-3 mm carbonate veins abundant (5-7%).</p> <p>END OF HOLE: 149'</p>	05	95	105	
110'		06	105	115	
120'		07	115	125	
130'		08	125	135	
140'		09	135	144	
		10	144	147	
150'		11	147	149	

KERR ADDISON MINES LIMITED

OVERBURDEN DRILL LOG

PROPERTY MONTGOLFIER - Aloisny GEOLOGIST ELLEN LEASK

HOLE NO MA-85-302 LOCATION L97+50, 20+25S DEPTH 96'

DATE STARTED July 26, 1985; 5:00pm HOLE ELEVATION _____

DATE COMPLETED July 26, 1985; 5:50pm

DEPTH 0 ft	GRAPHIC LOG	SAMPLE NO	FOOTAGE		ASSAY
			FROM	TO	
0	<p><u>CLAY: 0-77'</u> - grey, non-gritty, soft, often washed through or thick and 'soupy'; sand and pebble interbeds common.</p>				
10					
20					
30					
40					
50					
60					
70	<p><u>TILL: 77-93'</u> 50-80% fine, polyolithic sand, 50-20% pebbles: 85-95% volcanics/metasediments (dark, aphanitic), 5-15% granitoids, 2% quartz; 5-10% rounded; poorly sorted. 90-93': severe drill bounce, probably cobbles</p>				
80		01	77	85	
90		02	85	93	
96	<p><u>BEDROCK: 93-96'</u> Subgraphitic Wacke- - black, aphanitic, poor-no slaty cleavage, moderately soft - calcite chips 20-25%, probably from veins of at least 4-5mm; no reaction with acid on black chips - volcanic</p>	03	93	96	
100		END OF HOLE: 96'			