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1990 REVERSE CIRCULATION OVERBURDEN DRILLING AND HEAVY MINERAL GEOCHEMICAL SAMPLING, BLONDEL PROPERTY

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BLONDEL PROPERTY

MONTGOLFIER AND ORVILLIERS TOWNSHIPS, NORTHWESTERN QUEBEC

1990 REVERSE CIRCULATION OVERBURDEN DRILLING AND HEAVY MINERAL GEOCHEMICAL SAMPLING

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OVERBURDEN DRILLING MANAGEMENT LIMITED

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TABLE OF CONTENTS

TABLE OF CONTENTS (cont'd)

FIGURES

TABLE OF CONTENTS

1. SUMMARY

This report describes a reverse circulation overburden drilling/heavy mineral geochemical sampling program conducted by INCO Exploration and Technical Services Inc. on its Blondel property in Montgolfier and Orvilliers Townships in the Casa-Berardi region of the Abitibi Greenstone Belt, northwestern Quebec. Thirty-nine vertical holes were drilled near weak conductive horizons representing potential auriferous shear zones. Bedrock was sampled to identify zones of deformation and alteration that could host epigenetic gold mineralization, and overburden was sampled to test for glacially dispersed gold indicative of subcropping mineralization within these structural zones. Total invoiced project costs averaged $90.48/metre or $27.58/foot.

Stratigraphically the drill area is dominated by basalt, turbidites and granitoid rocks. Abitibi-type, lower greenschist, submarine plain tholeiitic basalt predominates in the south and granodiorite and quartz diorite of the Orvilliers Batholith predominate in the north. Upper greenschist to lower amphibolite, Pontiac-type turbidites occur between the batholith and volcanics, and are separated from the volcanics by the South Discordance, a major crustal suture highlighted on Blondel by opposing geophysical/stratigraphic trends in the Abitibi and Pontiac Terranes. Shearing and alteration are largely restricted to the Abitibi volcanic rocks, and a discrete shear axis -- the Blondel Shear -- occurs 1 to 1.5 km south of, and parallel to, the South Discordance. The only significant bedrock anomalies (529 and 240 ppb Au in Hole 84920) occur in basalt near the Blondel Shear.

Overburden thickness in the drill holes averages 26.5 metres. Quaternary strata are of Late Wisconsinan and Holocene age. South-southeast transported, Late Wisconsinan-age Matheson Till forms a thin, semi-continuous blanket over the property, and is the primary sampling medium. It directly overlies bedrock and is of sufficient thickness to sample in 85 percent of the drill holes. The Matheson Till is overlain and locally supplanted by rare, coeval glaciofluvial sand and gravel and extensive Lake Ojibway II deep water glaciolacustrine sand-silt-clay. Gritty, pebbly clay, either Cochrane Till or shallow water glaciolacustrine sediments deposited proximal to the Cochrane ice lobe, overlies the Lake Ojibway II sediments. This, in turn, is capped by a thin layer of Holocene peat and humus.

Significant overburden gold anomalies do not occur on Blondel. All seven anomalies detected are due to visible gold grains which form the regional background. Anomalies in other elements (arsenic, zinc, copper) are rare, and lacking a gold association are too weak to be significant.

The Hole 84920 bedrock gold anomaly forms a low priority diamond drill target. The only other exploration that may be warranted is further testing of the South Discordance, which has been partly tested by previous owners of the property but was not a target of the present survey.

2. INTRODUCTION

2.1 Project Outline

From February 14 to 24, 1990, INCO Exploration and Technical Services Inc. ("INCO") performed reverse circulation drilling for the purpose of heavy mineral geochemical sampling of Quaternary overburden and chip sampling of the Archean bedrock subcrop on the southern and northwestern portions of its Blondel mineral property in Montgolfier and Orvilliers Townships in the Casa-Berardi - Matagami section of the Abitibi Greenstone Belt, northwestern Quebec (Figs. 1, 2, 3). The property lies immediately north of the inferred position of the Casa-Berardi Fault 40 kilometres east of INCO's Golden Pond gold deposits (Figs. 2, 3). It also straddles a second major structure -- the South Discordance (MacNeil and Averill, 1989) -- which separates ENE trending Abitibi terrane from ESE trending, highly metamorphosed and lithologically distinct Pontiac-type terrane. The position of the property on or adjacent to the two structural zones makes it an attractive exploration target.

The general objectives of the drilling program were to identify zones of intense bedrock deformation and/or alteration that could host epigenetic gold mineralization and to test the overburden for glacially dispersed gold indicative of subcropping mineralization within these zones. The program covered about 35 percent of the property at a reconnaissance to semi-detailed scale focussing on bedding parallel, weak HLEM conductors.

INCO contracted Overburden Drilling Management Limited ("ODM") of Nepean, Ontario to manage the program and Bradley Bros. Ltd. of Timmins, Ontario to perform the drilling and provide ancillary support services including road clearing. J.-P. Bérubé of INCO supplied a preliminary hole layout. Following a limited ground magnetic/HLEM survey, the results of which became available during drilling, the layout was modified by K. MacNeil and S. Averill of ODM in consultation with Mr. Bérubé. ODM geologist K. MacNeil and geotechnicians B. Rudnicki and G. Chase spotted, logged and sampled the drill holes and supervised the drilling and road clearing operations.

Thirty-nine holes were drilled including one redrill (Appendix A; Plan 1). All of the holes penetrated the entire overburden section and were extended approximately 1.5 metres into bedrock. In total, 114 overburden and 115 bedrock chip samples were collected (Table 1).

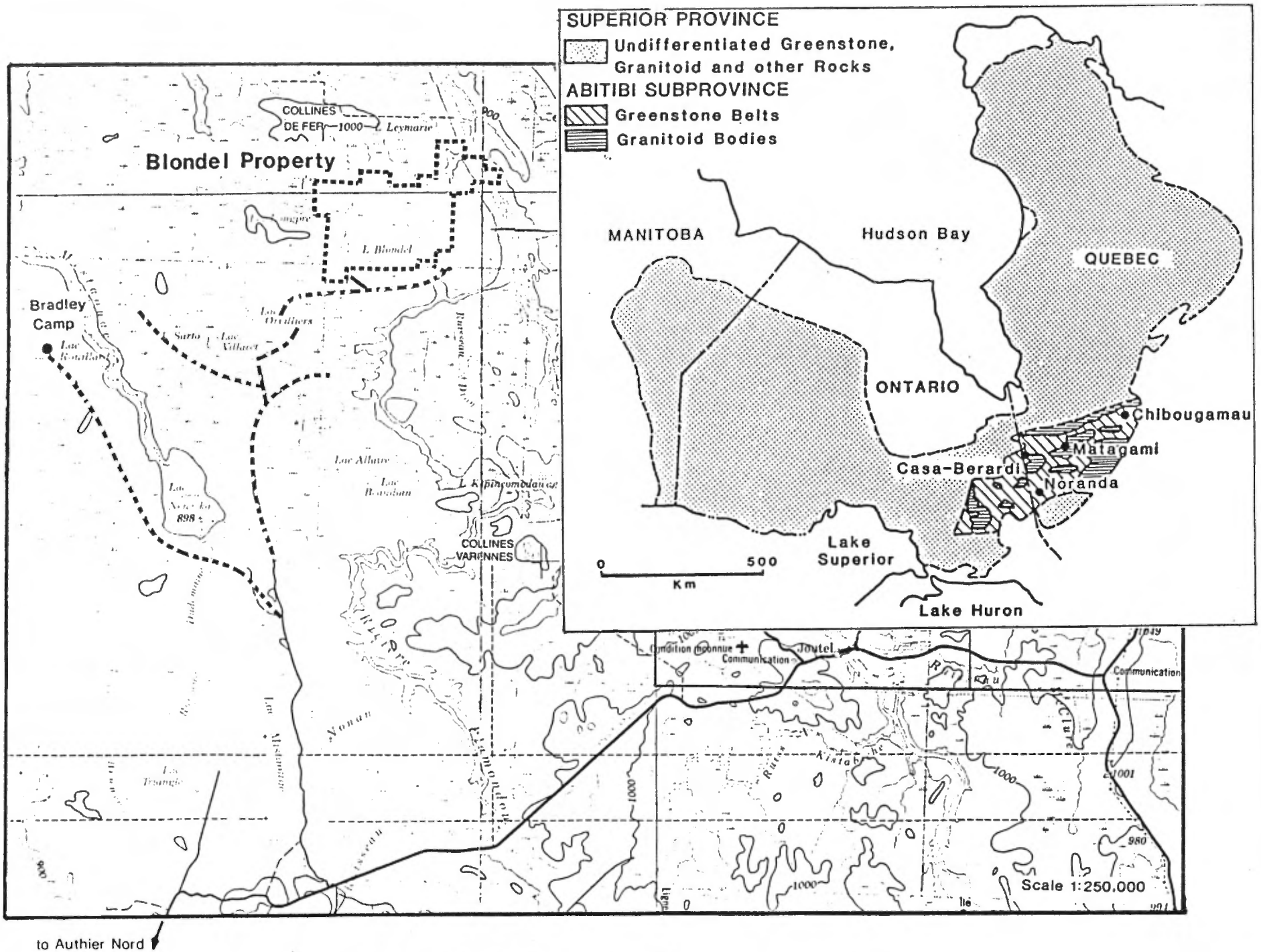

Figure 1 – Blondel Property Location
(Inset source: Pattison et al., 1986)

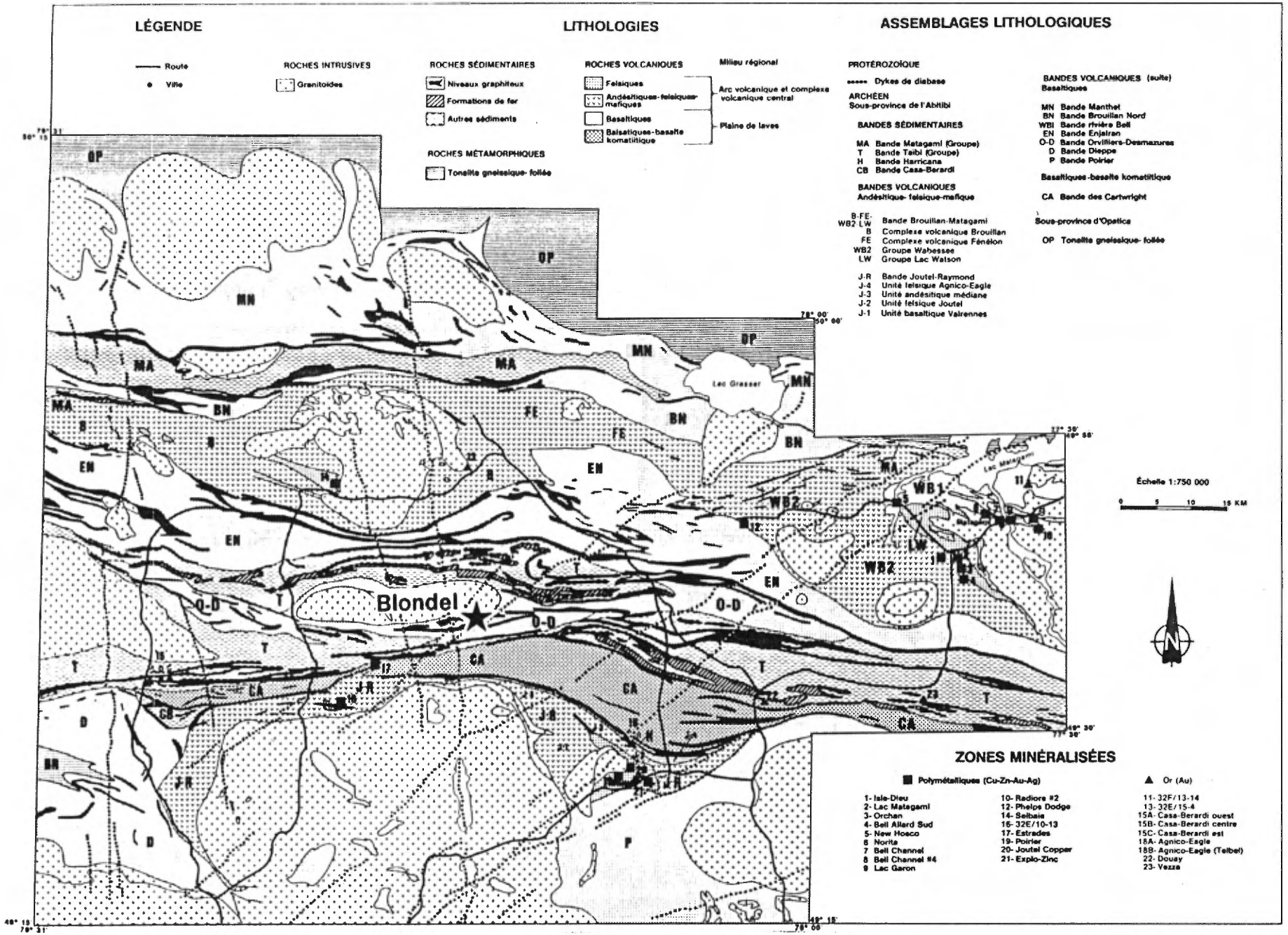

Figure 2 – Lithologic Map of the Casa–Berardi – Matagami Region
(Source: Lacroix et al., 1989)

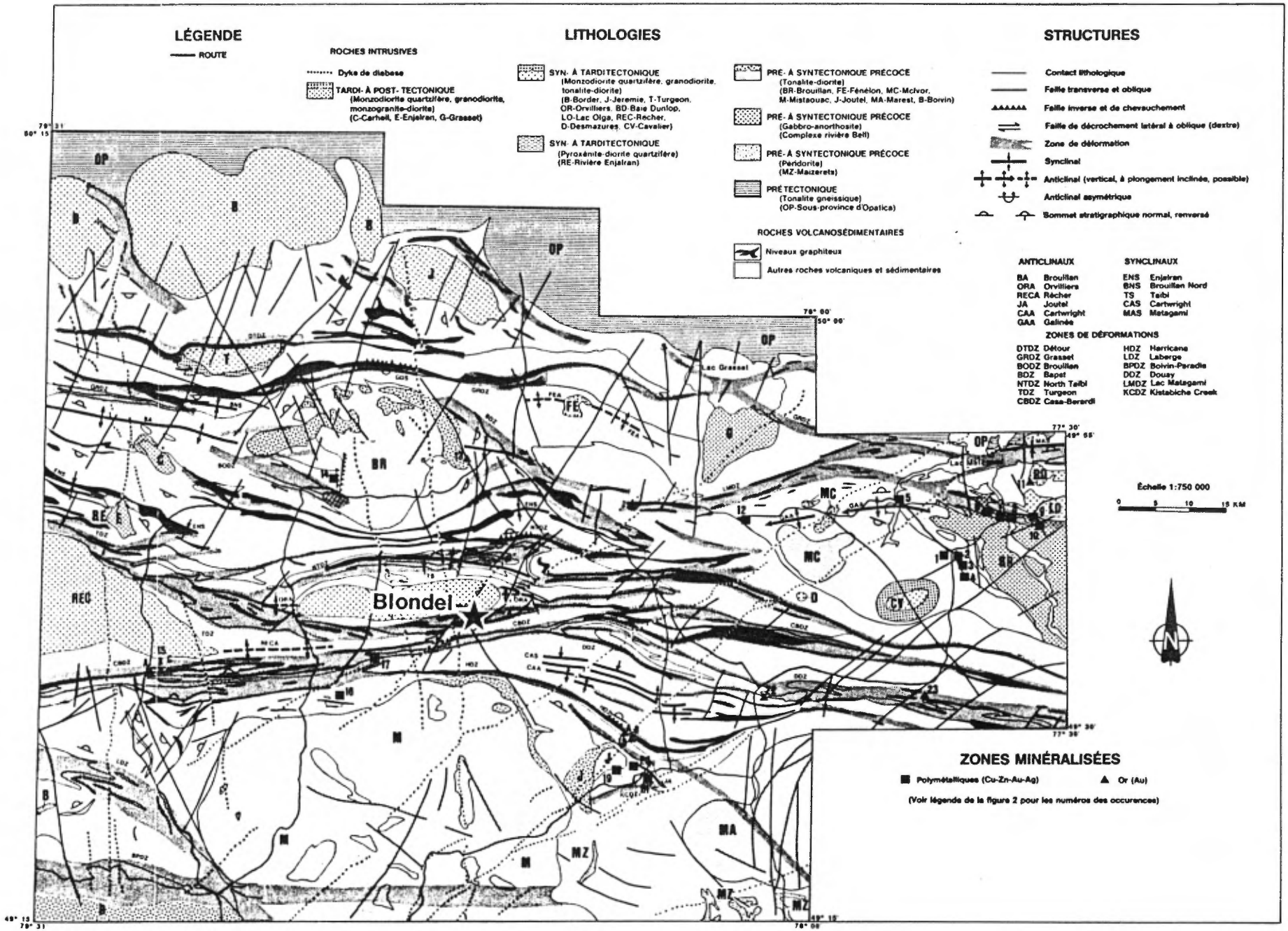

Figure 3 – Structural Map of the Casa–Berardi – Matagami Region
(Source: Lacroix et al., 1989)

Hole Number	Grid Coordinates	Metres Drilled: Overburden	Metres Drilled: Bedrock	Hole Depth (metres)	Samples Collected: Overburden	Samples Collected: Bedrock
84901	L12E; 3+25S	20.6	1.4	22.0	4	3
84902	L 8E; 2+75S	16.2	1.8	18.0	1	3
84903	L 4E; 2+50S	9.0	1.5	10.5	1	3
84904	L 0; 3+00S	21.6	1.5	23.1	1	3
84905	L 4E; 5+25S	24.6	1.5	26.1	2	3
84906	L 4E; 2+75N	37.6	1.7	39.3	3	3
84907	L 8E; 2+50N	37.3	1.3	38.6	7	3
84908	L12E; 2+50N	28.2	1.5	29.7	7	3
84909	L16E; 2+25N	25.1	1.9	27.0	2	3
84910	L20E; 3+00N	18.5	1.5	20.0	1	3
84911	L32E; 4+00N	15.8	1.5	17.3	1	3
84912	L32E; 0+75N	25.6	1.4	27.0	2	3
84913	L28E; 3+25N	32.0	1.5	33.5	10	3
84914	L36E; 4+25N	16.4	1.6	18.0	1	3
84915	L40E; 8+25N	28.4	1.6	30.0	1	3
84916	L40E; 4+75N	20.6	1.4	22.0	4	3
84917	L40E; 1+25N	24.6	1.6	26.2	2	3
84918	L36E; 1+00N	35.0	1.5	36.5	7	3
84919	L44E; 2+75N	25.8	1.5	27.3	2	3
84920	L44E; 5+50N	29.9	1.6	31.5	5	3
84921	L48E; 6+75N	19.3	1.7	21.0	0	3
84922	L48E; 0+75N	37.1	1.4	38.5	2	3
84923	L48E; 3+50N	29.7	1.8	31.5	1	3
84924	L52E; 4+00N	30.0	0.4	30.4	3	1
84925	L52E; 7+25N	31.3	1.7	33.0	1	3
84926	L36E; 8+10N	11.9	1.6	13.5	1	3
84926A	35+88E; 8+10N	12.0	0.1	12.1	3	1
84927	L 2E; 18+00N	20.5	1.5	22.0	2	3
84928	L 4E; 18+50N	18.1	1.4	19.5	0	3
84929	L 8E; 18+75N	27.1	1.4	28.5	1	3
84930	L10E; 18+75N	34.2	1.5	35.7	1	3
84931	L12E; 22+00N	36.6	1.6	38.2	0	3
84932	L 7E; 25+00N	36.2	1.3	37.5	2	3
84933	L 5E; 24+00N	37.4	0.6	38.0	3	2
84934	L 5E; 28+00N	21.6	1.5	23.1	1	3
84935	L 6E; 31+25N	28.5	1.5	30.0	1	3
84936	L 2E; 31+25N	29.8	1.5	31.3	2	3
84937	L 9E; 30+00N	30.3	1.2	31.5	2	3
84938	L24E; 3+75N	19.2	1.5	20.7	2	3
84939	L 0E; 5+20N	55.2	1.3	56.5	21	3
Totals		1058.8	57.3	1116.1	114	115

Table 1 – Drilling and Sampling Statistics

Heavy mineral concentrates (Appendix B) were prepared from the overburden samples at ODM's laboratory in Nepean, Ontario. Gold particles sighted during processing were measured to determine their individual contributions to the overall gold content of the concentrates and were classified according to their distance of glacial transport (Appendix C).

Following INCO's standard procedure, three 0.5 metre samples were taken from each 1.5 metre bedrock intersection. Representative bedrock chip samples from each hole were logged under a binocular microscope (Appendix D) and were analyzed for the major oxides (Appendix E); their lithologies and chemistry were then used to map the geology of the property (Plan 1) in relation to existing interpretations (Figs. 2, 3). Subsamples of all bedrock chip samples and the whole heavy mineral concentrates were analyzed for gold plus 33 elements (Appendix E, F) by instrumental neutron activation (INA) analysis and for copper by atomic absorption (AA). Subsequently the heavy mineral concentrates of some overburden samples that unexpectedly yielded gold anomalies were check panned to determine the probable cause of the anomalies.

This report documents the work performed and results obtained. An in-depth analysis of regional and local Archean and Quaternary stratigraphy is included and used in the interpretation of the bedrock and heavy mineral geochemistry.

2.2 Principles of Deep Overburden Geochemistry in Glaciated Terrain

During the Pleistocene epoch of the Quaternary period, the crowns of all ore bodies that subcropped beneath the continental ice sheets of North America were eroded and dispersed down-ice in the glacial debris. The dispersal mechanisms were systematic (Averill, 1978) and the resulting ore "trains" in the overburden are generally long, thin and narrow but most importantly are several hundred times larger than the subcrop of the parent ore bodies. These large trains can be used very effectively to locate the remaining roots of the ore bodies.

Because the dispersal trains originated at the base of the ice, they are either partly or entirely buried by younger, nonanomalous glacial debris. Most trains are confined to the bottom layer of debris deposited during glacial recession -- the basal till. In fact, the sampling of glacial overburden for exploration purposes is commonly referred to as "basal till sampling". It is important to note, however, that in areas affected by multiple glaciations the bottom layer of debris in the overburden section

may be only the lowermost of several stacked basal till horizons. Consequently, the term "basal till sampling" is not synonymous with the collection of samples from the base of the overburden section. Moreover, the term is not strictly correct because significant glacial dispersal trains can occur in formations other than basal till.

From the foregoing statements it can be seen that glacial dispersion and glacial stratigraphy are interdependent. Consequently, the effectiveness of overburden sampling as an exploration method is related to the ability of the sampling equipment to deliver stratigraphic information from the unconsolidated glacial deposits. In areas of deep overburden, including most of the Abitibi Greenstone Belt in northwestern Quebec and northeastern Ontario, drills must be used. Most drills have been designed to sample bedrock and are unsuitable for overburden exploration, but in the last twenty years rotasonic coring rigs and reverse circulation rotary rigs have been developed to sample the overburden as well as the bedrock. Both drills provide accurate stratigraphic information throughout the hole and also deliver large samples that compensate for the natural inhomogeneity of glacial debris.

Reverse circulation rotary rigs are much more widely used in the Abitibi than are rotasonic coring rigs. They employ dual-tube pipe and a tricone bit with the outer pipe acting as a casing to contain the drill water for recirculation and to prevent contamination of samples by material caving from overlying sections. Air and water are injected at high pressure through the annulus between the outer and inner pipes to deliver a continuous sample of the entire overburden section through the small inner pipe (Fig.4). The sample is disturbed but returns to surface instantly, and the precise positions of stratigraphic contacts can be identified. Full sample recovery is possible in all formations regardless of porosity or consistency, although sample loss due to blow-out commonly occurs in the first 1 to 3 metres of the hole until a sediment seal is made around the outer pipe.

Reverse circulation holes are normally extended 1.5 metres into bedrock. Cuttings of maximum 1 cm size are obtained. These cuttings are used to determine the bedrock stratigraphy, structure and geochemistry and are also compared to the till clasts to help determine ice flow directions and glacial dispersal patterns.

Most of the glacial overburden at depth in Canada is fresh, and metals in the overburden occur in primary, mechanically dispersed minerals rather than in secondary

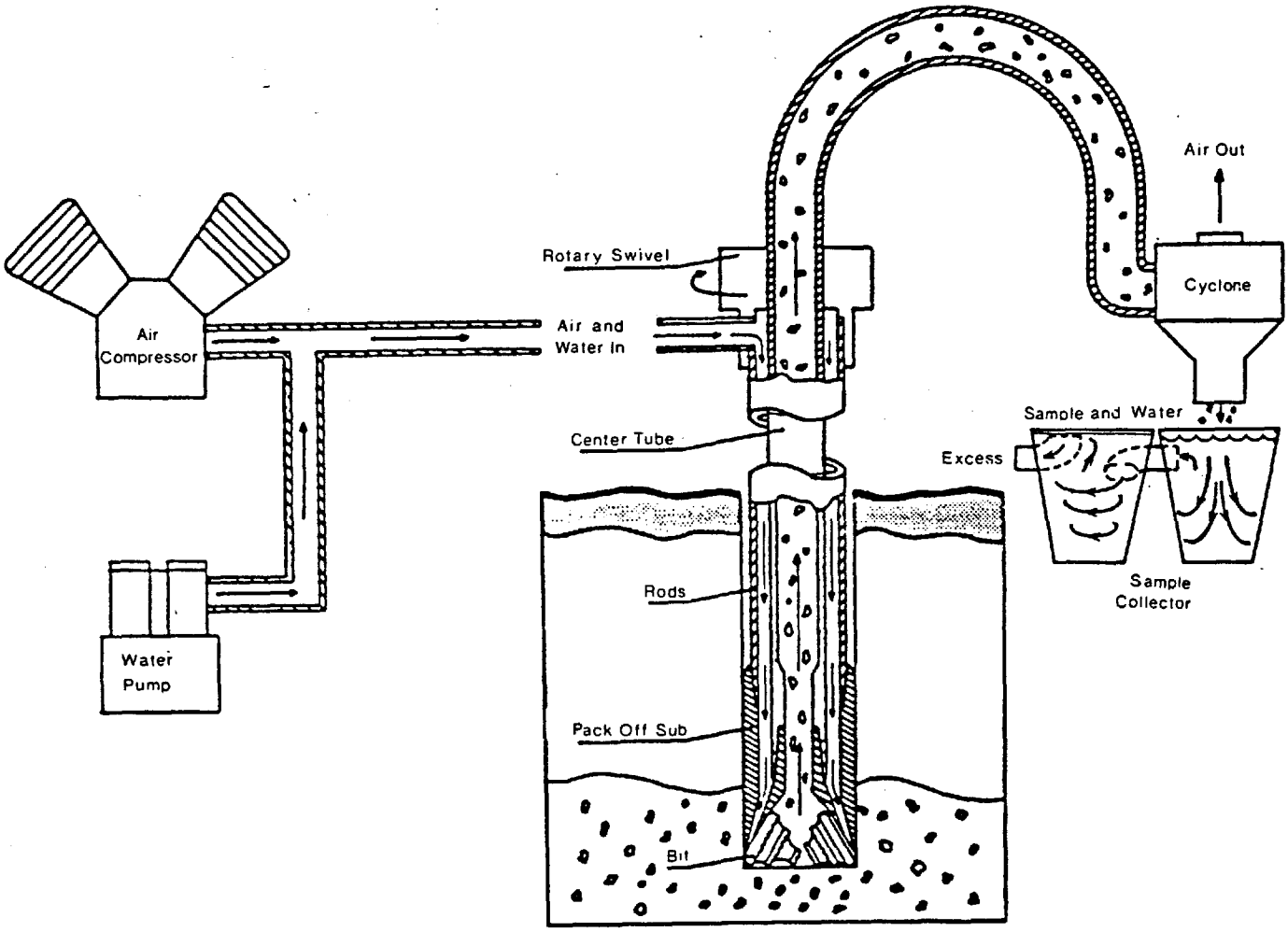

Figure 4 – Schematic Diagram of a Typical Reverse Circulation Rotary Drilling System

chemical precipitates. While ore mineral dispersal trains are very large, they are also weak due to dilution by glacial transport and are difficult to identify with a normal "soil" analysis of the fine fraction of the samples. Consequently, heavy mineral concentrates are prepared to amplify the primary anomalies, and analysis of the fines is normally reserved for areas where significant post-glacial oxidation is evident. The heavy mineral concentrates are very sensitive, and special care must be taken to avoid the introduction of contaminants into the samples. On gold exploration programs, it is advantageous to separate and examine any free gold particles because most gold anomalies in heavy mineral concentrates are caused by background nugget grains that are of no interest.

2.3 Property Description and Access

The Blondel property consists of 171 contiguous mining claims (Fig. 5; Table 2) in west-central Montgolfier Township (168 claims) and east-central Orvilliers Township (3 claims), approximately 30 km northwest of Joutel. INCO acquired the claims through staking in 1989.

Access to the property is provided by proceeding westerly on the Joutel - Authier Nord road and thence northerly on an all-weather logging road along the east side of Lac Mistaouac (Fig. 1). A spur road servicing an established Bradley Bros. drill camp near Lac Rouillard branches off the main logging road between Lac Mistaouac and Lac Newiska. The Bradley camp is 15 km southwest of Blondel but served as the base for the drilling. Winter drill roads constructed during pre-1990 exploration lead directly from the camp to the property and also through much of the property (Fig. 6). These roads were reopened and provided direct access for the drill rig. Where required, drill trails were bulldozed between hole sites, generally avoiding areas of mature forest growth. Daily travel to and from the drill area was by helicopter from the Bradley base camp.

2.4 Physiography and Vegetation

The Blondel property lies within the northeastern portion of the Abitibi Upland (Bostock, 1968), a north-sloping clay belt region that was covered by Lake Ojibway II during Late Wisconsinan ice withdrawal 10,000 years ago. The southern boundary of the clay belt is the Hudson Bay - St. Lawrence River drainage divide, and also roughly coincides with the southern edge of the Abitibi Greenstone Belt. Average overburden

Claim Number	Number of Claims	Township
5016097 to 5016099	3	Montgolfier
5019993 to 5019998	6	Montgolfier
5039119 to 5039121	3	Orvillievs
5039122 to 5039134	13	Montgolfier
5051001 to 5051025	25	Montgolfier
5051397 to 5051514	118	Montgolfier
5051516	1	Montgolfier
5051525 to 5051526	2	Montgolfier
TOTAL	171	

Table 2 – Blondel Property Mining Claims

thickness in the clay belt ranges from 10 metres in the south where Lake Ojibway was shallow to 30 metres in the north where the lake was deeper. Average overburden thickness in the 39 Blondel drill holes was 26.5 metres.

Relief on the property is subdued, with elevations ranging from approximately 280 to 290 metres above sea level (Fig. 7). The lowest elevations occur in the west where two small lakes -- Lac Blondel and Lac Longpré -- are situated. Overburden mantles the entire property and there are no known outcrops.

The property straddles the Harricana - Angle River watershed. These rivers flow to the northwest in essentially parallel courses and join 20 km north of Selbaie en route to James Bay. Several small, sluggish creeks on the central part of the property feed Lac Blondel and Lac Longpré, which drain northwesterly to the Angle River. In the east half of the property, drainage is eastward to the Harricana River and southward to its tributary, the Plamandon River.

The property is 35 percent covered by a mature growth of black spruce and 65 percent covered by stunted spruce and swamp, reflecting minor local relief and variable drainage.

2.5 Previous Work

Remick (1969) mapped the Harricana - Turgeon area, which encompasses the Blondel property and extends westward to the Ontario-Quebec border, for the Quebec Department of Natural Resources in 1959 at a scale of 1:63,360 (1 inch = 1 mile). The Ministère de l'Énergie et des Ressources (MERQ) conducted INPUT and total field and gradient (Fig. 8) magnetic surveys of the region between 1974 and 1982 (MERQ, 1983). The magnetic survey covering the Blondel area has also been re-released in a colour relief format at a scale of 1:50,000 (MERQ, 1985b).

Remick's 1959 mapping followed the discovery of massive sulphide deposits at Matagami in 1957. It was then thought that formations in the Harricana - Turgeon area could represent extensions of Matagami stratigraphy. Due to poor outcrop distribution and an extensive overburden cover, the mapping was essentially lithologic in scope, and detailed structural, stratigraphic and genetic interpretations were not proposed. Remick's work indicated that the Blondel property is underlain by ENE to ESE trending volcanics and sediments with a small granitoid stock north of Lac Longpré.

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Exploration in the Harricana - Turgeon area initially focussed on volcanogenic base metal mineralization and iron deposits. With falling base metal prices and rising gold prices in the early eighties, the exploration focus shifted to gold. Further impetus was provided by the discovery in the 1981-85 period by INCO of their Golden Pond gold deposits and by Teck-Golden Group of their Estrades gold-copper-zinc-silver deposit along the Casa-Berardi trend in the southern part of the Harricana - Turgeon area. These discoveries also resulted in the initiation by MERQ of a multidisciplinary geology, geophysics and geochemistry program (Harricana - Grasset Project) to generate a data base and geological synthesis for essentially the same area as mapped by Remick. Preliminary results are described by Lacroix et al. (1989). His geological synthesis (Figs. 2, 3) is based on geophysical interpretation and on Remick's early mapping, supplemented by some recent mapping in the south part of the area.

Lacroix's interpretation indicates the Blondel property is immediately north of a thin band of sedimentary rocks that broadens to the west and east of the property. He has correlated these sediments with the Taibi Group of the Matagami area. The property itself is said to be underlain by submarine plain basalt and interflow graphitic sediments (Orvilliers-Desmazures Band) occurring in an anticlinal structure cored by the syn- to late tectonic Orvilliers Batholith. Two regional deformation zones -- the Turgeon Deformation Zone and Casa-Berardi Deformation Zone --occur along laterally continuous conductive horizons at the north and south margins of the Taibi Group, respectively. The Casa-Berardi Deformation Zone correlates with INCO's Casa-Berardi Fault, the main control on gold mineralization at Golden Pond.

Prior to 1984, little exploration was conducted on the Blondel property (Fig. 7; H.E. Neal & Associates Ltd, 1987). Work that was done was concentrated in the northeast part of the property in search of base metals, and consisted of ground magnetic and electromagnetic surveys with limited follow-up diamond drilling. In total, seven diamond drill holes were completed to test electromagnetic anomalies. These holes intersected mixed sequences of undifferentiated volcanics, andesite, tuff, sediments, and granitoid rocks. Conductivity was typically due to graphite or pyrrhotite/pyrite rich sediments. Several holes are noted to contain copper and zinc mineralization but the lack of follow-up exploration indicates the results were not significant.

Tandem Resources Inc. and San Paulo Explorations Inc. ("Tandem") staked most of the present Blondel property as well as an additional 13 km of strike extension to the west in Orvilliers Township in 1984. The claims were staked on a linear conductive horizon

that was identified in the MERQ airborne survey (Fig. 8) and lies 2 km north of and parallels the conductive Casa-Berardi Fault.

Between 1984 and 1987, Tandem conducted an integrated geophysical, reverse circulation drilling and diamond drilling program on their property. Ground geophysical surveys (HLEM, Mag) indicate two opposing geophysical trends on Blondel (also apparent from airborne geophysics; Fig. 8). In the north, conductors strike ESE while in the south they strike ENE. Near the east end of the property the two trends converge to a single ENE trend.

Tandem drilled a total of 368 reverse circulation holes and 85 diamond drill holes on their property. Of these, approximately 110 of the reverse circulation and 28 of the diamond drill holes were completed on the present Blondel property to test various geophysical, geochemical and geological targets. The only report available to ODM deals with the final year's program (66 reverse circulation holes, including re-drills, and all diamond drill holes; H.E. Neal & Associates Ltd., 1987). A detailed listing of results was not appended with the text but strong overburden or bedrock gold or base metal anomalies are not indicated. The best heavy mineral gold anomaly occurs in Hole 285 (27 gold grains in two samples; assays of 544 and 595 ppb Au) near the batholith/sediment contact (Plan 1). Diamond drill hole TS-77 failed to delineate a bedrock source for this gold. Tandem's geological interpretation based on bedrock logging and lithogeochemistry suggests that calc-alkalic felsic to mafic volcanic rocks (rhyolite to basalt) underlie most of Blondel, but some tholeiitic intermediate to mafic volcanics and komatiitic flows are present. The dominance of calc-alkalic volcanics is in sharp contrast to Lacroix's interpretation. Conductivity was invaribly traced to graphitic to pyritic interflow sediments. No coherent deformation or alteration zones were delineated.

Tandem's claims lapsed in 1989 at which time INCO staked the present Blondel property. Other than a limited pre-drilling HLEM survey to tie down Tandem's conductors, which are generally very weak, the present reverse circulation program is the initial exploration performed by INCO.

2.6 Project Costs

Budgeted and actual costs for the 1990 reverse circulation drilling program are presented in Table 3. The budget figure of $129,700.00 ($144.11/metre) was based on the following assumptions:

	Service	Company	Budget $Total	Budget $/Metre	Budget $/Foot	Actual $Total	Actual $/Metre	Actual $/Foot	%
1.	Pre-drilling	ODM	1,200.00	1.33	0.41	552.00	0.49	0.15	1.5
2.	Work Permits	Quebec Government, G. Lacroix	1,000.00	1.11	0.34	417.75	0.37	0.11	0.3
3.	Road clearing and drilling operations, helicopter	Bradley Bros. Ltd. Nordic	86,570.00	96.19	29.33	70,280.20	62.97	19.19	69.6
4.	Field supervision, logging and sampling	ODM	15,935.00	17.71	5.40	10,197.42	9.14	2.79	10.1
5.	Sample shipping and processing	Various, ODM	9,250.00	10.28	3.13	5,082.00	4.55	1.39	5.0
6.	Analytical	Activation Laboratories Ltd.	5,745.00	6.38	1.95	4,450.80	3.99	1.22	4.4
7.	Report	ODM	10,000.00	11.11	3.39	(est.) 10,000.00	8.97	2.73	9.9
	TOTALS		129,700.00	144.11	43.95	100,980.97	90.48	27.58	

Note: 10% of cost goes into the reporting. = 33 days @ $300/day.

Table 3 – Invoiced Costs of the Blondel Reverse Circulation Drilling Program

1. Thirty holes totalling 900 metres (average 30 m per hole);
2. Drilling productivity at 8 m per operating hour;
3. An average bit life of 70 m;
4. A total of 210 overburden samples (average 7 samples per hole);
5. A total of 26 hours of helicopter time.

Average hole depth was 27.9 metres, 7 percent below the budget estimate. Drilling productivity was 10.1 metres per hour and bit life averaged 85.9 metres per bit, each figure representing an approximate 25 percent improvement over the budget estimates. An average of 2.9 overburden samples per hole was collected, approximately 59 percent fewer than anticipated. Helicopter time was 24 hours, closely matching the budget figure. As a result of the high drilling productivity, the long bit life, and the fewer than expected overburden samples, nine extra holes were drilled and project costs fell to $100,980.97. or $90.48/metre, 37 percent less than the budget estimate.

3. DRILLING AND SAMPLING

3.1 Drill Hole Pattern

In reverse circulation drilling, the hole pattern is (or should be) based on the length, width and orientation of the expected dispersal train. Heavy mineral dispersal trains from known gold deposits display varying configurations depending on the relationship between the orientation of the deposit and the direction of ice flow (Fig. 9). Dispersal trains from deposits oriented parallel to ice movement are generally ribbon-like, with widths of 100 to 200 m and a detectable length of a kilometre or more (e.g. the EP train, Table 4). In contrast, dispersal trains from deposits oriented perpendicular to ice movement are apron-like with widths of 300 to 400 m (including low grade fringes related to the anomalous alteration haloes that enclose most gold deposits) and an average detectable length of 500 m.

On the Blondel property , the till was deposited in Late Wisconsinan time by a south-southeastward (170) flowing ice mass. However, numerous indicators suggest that the south-southeastward trend represents a relatively minor shift during glacial recession from major west-southwesterly flow (240 to 270 degrees) during most of the Wisconsinan glaciation (Veillette et al.,1989). Both directions should be considered when tracing dispersal trains in the Late Wisconsinan till horizon; however, with the bedrock

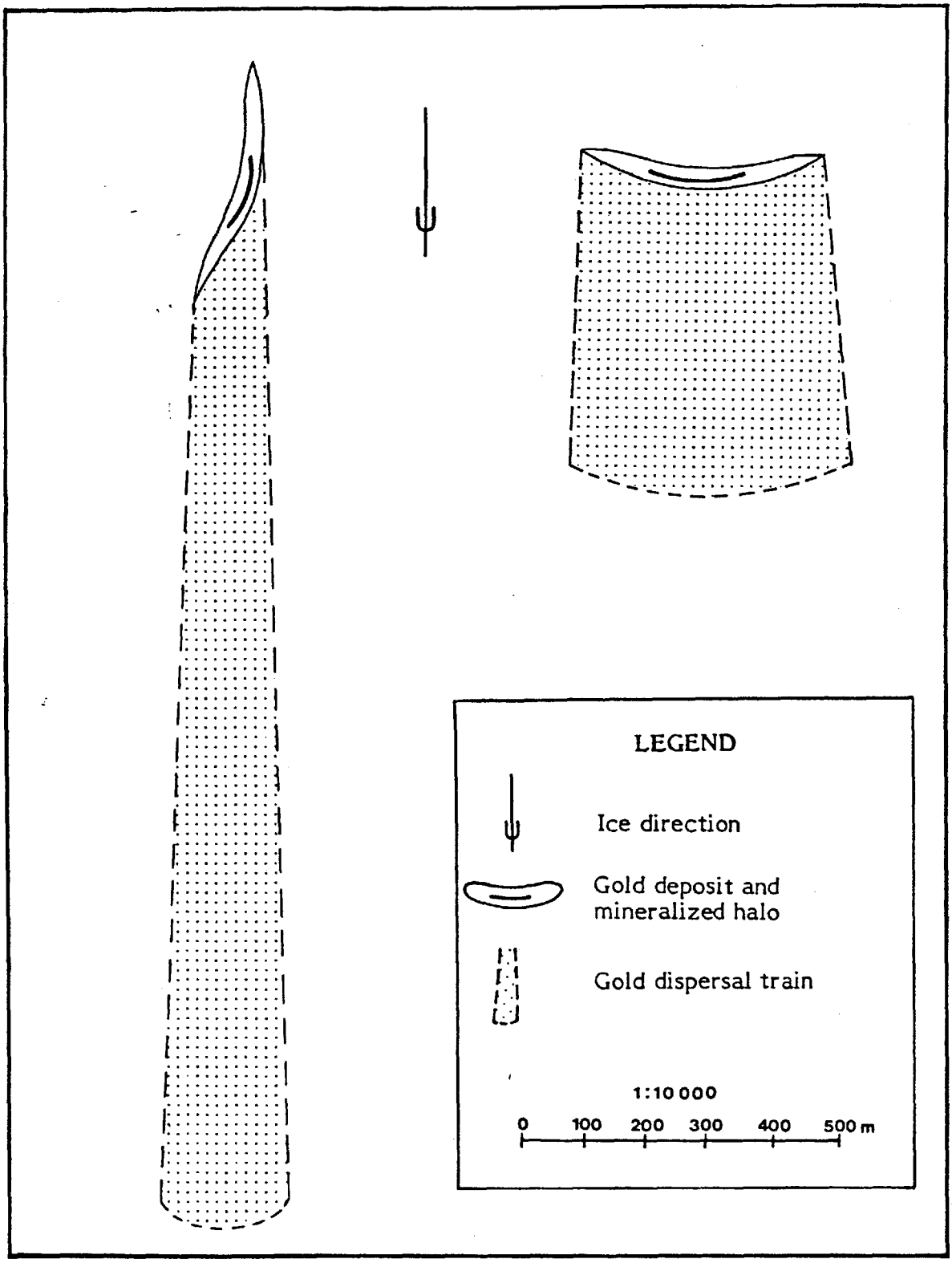


Figure 9 – Typical Sizes and Shapes of Gold Dispersal Trains for Ice–Parallel and Cross–Ice Trending Bedrock Sources

PROVINCE	GOLD DEPOSIT	TRAIN LENGTH[1] (m) TRACED	EST. TOTAL
Saskatchewan	Star Lake	300	800
Saskatchewan	Tower Lake	500	700
Saskatchewan	EP[2]	600	2000
Saskatchewan	Bakos	2000	2000
Ontario	McCool	300	400
Quebec	Cooke Mine[3]	800	1000
Quebec	Golden Pond West	300	400[4]
Quebec	Golden Pond	400	500[4]
Quebec	Golden Pond East	800	1000[4]
Quebec	Orenada	100	200
Quebec	Kiena	100	300
Quebec	Chimo	600	1000
Newfoundland	Devil's Cove	2000	2000

1 Based on minimum 10 gold grains of similar size and shape per 8 kg sample for free gold trains and on coincident high gold and base metal assays for occluded gold trains

2 Deposit oriented parallel to glacial advance

3 Occluded gold deposit

4 Train foreshortened and/or gapped by erosion in last ice advance

Table 4 – Heavy Mineral Gold Dispersal Trains Identified by Overburden Drilling Management Limited Laboratory

surface being relatively flat, the 170 degree dispersal trend should be dominant. As the bedrock strata and structures in most of the drill area trend roughly east-west (Plan 1), and the drilling was focused on HLEM conductors having this trend, then apron-type trains are the most likely overburden target. The holes drilled in the south half of Blondel were spaced 400 m apart and 25 to 50 m south (down-ice) of the conductors. Where several parallel conductive horizons are present (e.g. from Lines 32 to 52E), the resulting pattern approximates a 400 by 300 m rectangle. To the east and northeast of Lac Longpré, several short conductors or conductive zones were tested by a single traverse of two or three holes 200 to 400 m apart and 25 to 50 m south of the target.

3.2 Drilling Equipment

Bradley Bros.' drill rig employed an Acker MP drill head with a 3 metre feed cylinder. The drill, together with all its ancillary equipment including air compressor, water pump and logging and sampling facilities, was unitized and enclosed on the bed of the Nodwell Model 160 tracked carrier for all-terrain mobility and all-weather operation.

The rig employed an air compressor with a rated capacity of 300 cfm at 160 psi and a water pump having a capacity of 20 gpm at 600 psi. Water flow was normally restricted to 4 to 6 gpm to improve recovery of fines. The rig was equipped with a 110 volt generator and Cool White fluorescent lighting that simulates natural sunlight for accurate sample logging. All equipment except the air compressor was operated hydrostatically from the Nodwell engine.

The rig carried thirty 10-foot drill rods. The holes were logged in metres using the approximate conversion factor of 3 metres to 10 feet. This resulted in the logged hole depth being 1.6 percent less than true depth.

Bradley Bros. supported the drill rig with a Bombardier Muskeg tractor equipped with two 250 gallon water tanks. They also provided a D-6 LGP bulldozer for road clearing.

3.3 Logging and Sampling

The Blondel overburden samples were collected in two 20 litre buckets coupled with a plastic tube. This procedure ensures a quiet settling environment, thus reducing the loss of fines encountered if only one bucket is used and allowed to overflow. Most of

the clay is still lost but a research study made by ODM (Dimock, 1985) using a more primitive two-bucket system showed that sand loss is insignificant and silt loss is reduced to 40 percent compared to 72 percent with the one-bucket system. Interestingly, fine gold is lost in direct proportion to fine minerals of low specific gravity such as quartz and feldspar because the flake shape rather than high density of fine gold is the primary factor controlling the rate of settling. Further research conducted by ODM (Kurina, 1986) on various inlet/outlet attachments on the second bucket showed that an additional 33 percent of the fine material in the overflow could be retained by utilizing a horizontally curved inlet tube, which induces spiral flow, and a vertical stack skimmer on the outlet. The two-bucket system with the modified flow configuration was employed on the Blondel program.

A 10-mesh (1700 micron) screen was employed over the first bucket to separate and discard the majority of rock cuttings and thereby increase the proportion of matrix material which is used to identify and trace dispersal trains. The +10 mesh rock cuttings on the screen were constantly monitored for any variations which could give clues to overburden stratigraphy, or for any clasts indicative of an environment suitable for gold or base metal mineralization. Approximately 20 percent of the cuttings were kept for future reference. The degree of sorting of the -10 mesh matrix was monitored to differentiate till from sand and gravel.

The main till unit and related sand and gravel horizons were sampled continuously using an average sample interval of 1.5 metres. Glaciolacustrine clay and silt were not normally sampled because they are of no exploration value.

INCO designates drill holes with job specific numbers. The thirty-nine Blondel holes were numbered consecutively beginning at 84901 and ending at 84939. Samples in each hole were numbered in consecutive order beginning at 01. Thus a designation such as 84902-03 indicates the third sample collected in Hole 84902.

Following collection, the overburden samples were reduced to 7 to 9 kilograms with an aluminum scoop, packed in heavy plastic bags and shipped in 20-litre metal pails to ODM's processing laboratory in Nepean, Ontario.

3.4 Sample Processing

ODM's processing procedures for overburden samples are illustrated in the flow sheet of Figure 10 and can be divided into several stages.

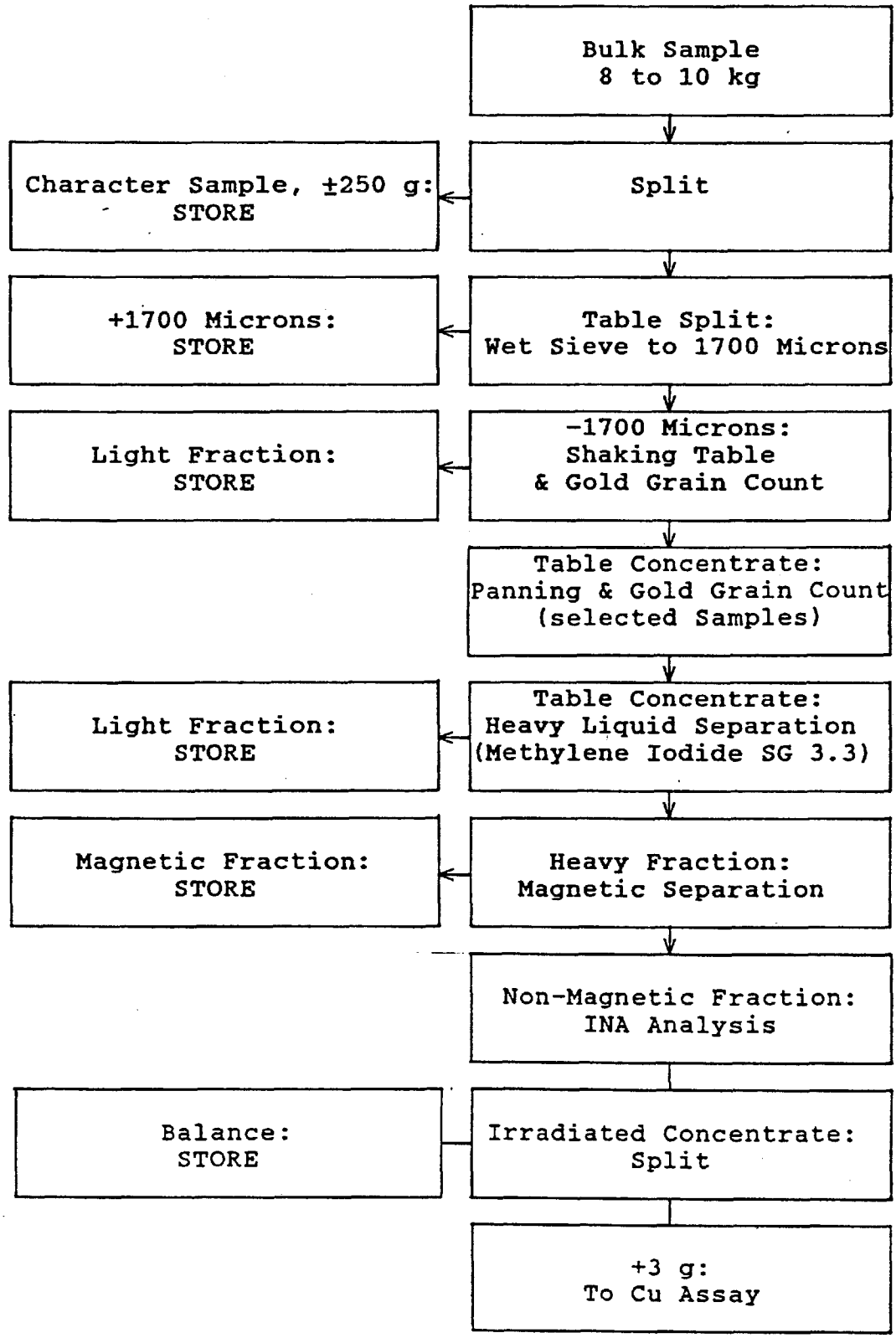


Figure 10 – Sample Processing Flow Sheet

First, a 250 gram character sample is extracted from the bulk sample using a tube-type sampler. This character sample is dried and stored for future reference. On some programs, its minus 250 mesh fraction is separated and analyzed to check for metals that are occluded in low density minerals and therefore not recovered in the heavy mineral concentrates.

The remainder of the bulk sample is weighed wet and is sieved at 1700 microns (10 mesh) to separate the clasts from the matrix. The +1700 micron clasts are weighed wet and the -1700 micron matrix is processed on a shaking table to obtain a preconcentrate (Fig. 11). The table concentrate and all fractions obtained from it are weighed dry. The sample weights are listed in Appendix B.

While the samples are being tabled, special procedures developed by ODM are used to effect the separation of gold grains from the other heavy minerals. These grains are picked from the deck, placed under a binocular microscope, measured to obtain an estimate of their contribution to the eventual assay of the concentrate (Table 5), and classified as pristine, modified or reshaped (Fig. 12; equivalent to delicate, irregular and abraded in the old classification; changed to adopt DiLabio's (in press) nomenclature) to determine their approximate distance of glacial transport. Photomicrographs (35 mm slides) are sometimes taken if more than 10 gold grains are present.

Magnetite, with a specific gravity of 5.2, is the heaviest of the common minerals and normally forms the top mineral band on the table above garnet and epidote/pyroxene. Common flake gold coarser than 125 microns separates completely from the magnetite and is readily counted. Fine gold, thick gold and pristine gold travel with the magnetite due to size and shape effects, and only 10 to 20 percent of such grains are readily sighted on the table. Gold particles can also be obscured by pyrite which, if abundant, tends to cross the table in the gold path. However, ODM has developed a delicate hand panning technique to recover the hidden particles together with some copper, lead and arsenic pathfinder minerals. Samples are normally panned if: 1) two or more gold particles are sighted on the table; 2) any pristine gold is sighted on the table; or 3) the table concentrate contains more than 10 percent pyrite. The table and pan gold counts are listed in Appendix C.

After the gold grains have been examined, they are recombined with the table concentrate. This concentrate is dried and a heavy liquid separation in methylene

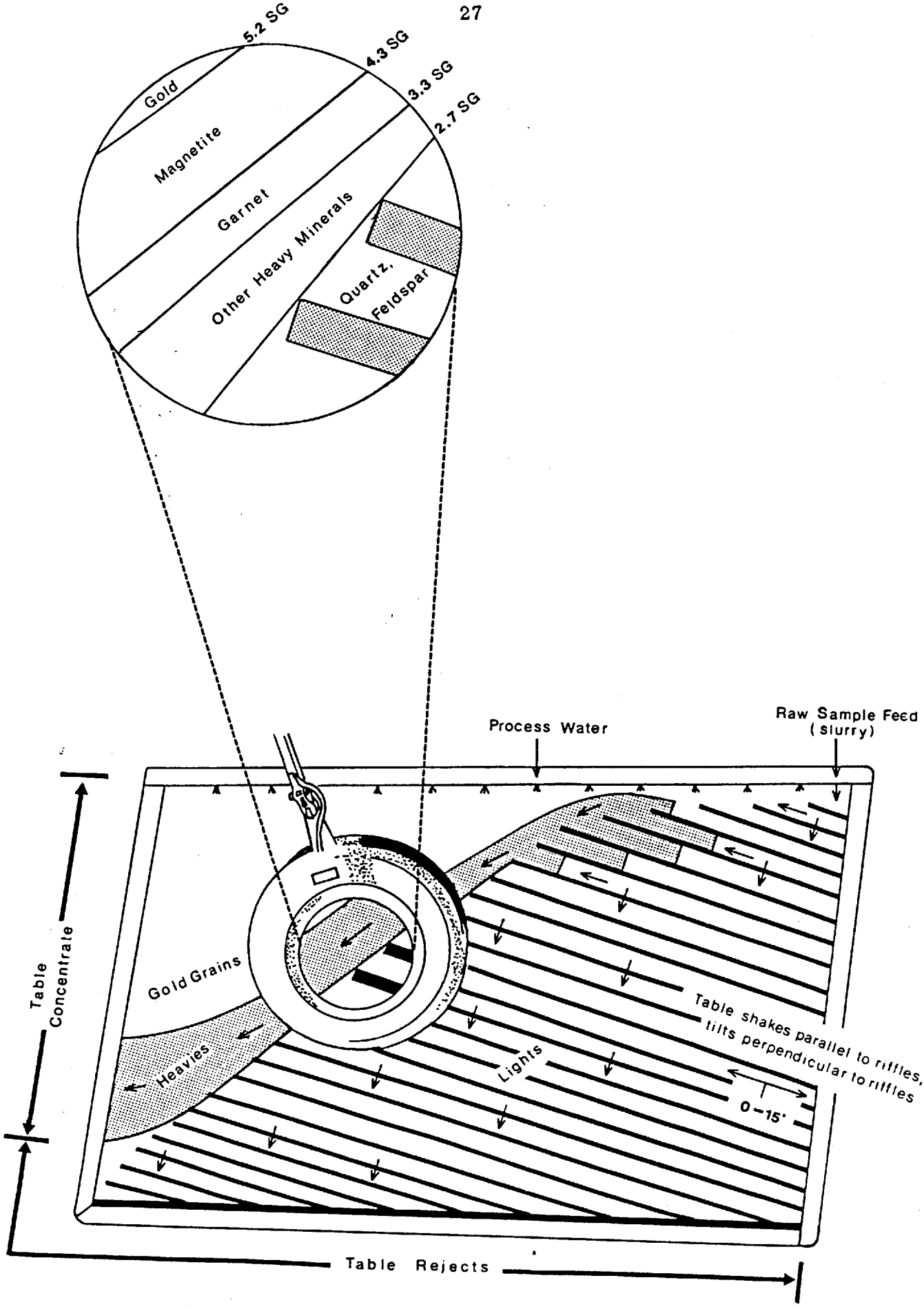


Figure 11 - Plan View of Mineral Separation on a Shaking Table

Size Classification	Flake Diameter (microns)	ppb Au
Very Fine	50	10
"	100	100
Fine	150	330
"	200	760
Medium	300	2,400
"	400	5,400
"	500	10,000
Coarse	600	16,200
"	700	24,000
"	800	33,300
"	900	43,700
"	1,000	55,000
Very Coarse	1,000+	55,000+

Table 5 – Geochemical Contribution of One Gold Grain to a Fifteen Gram Sample

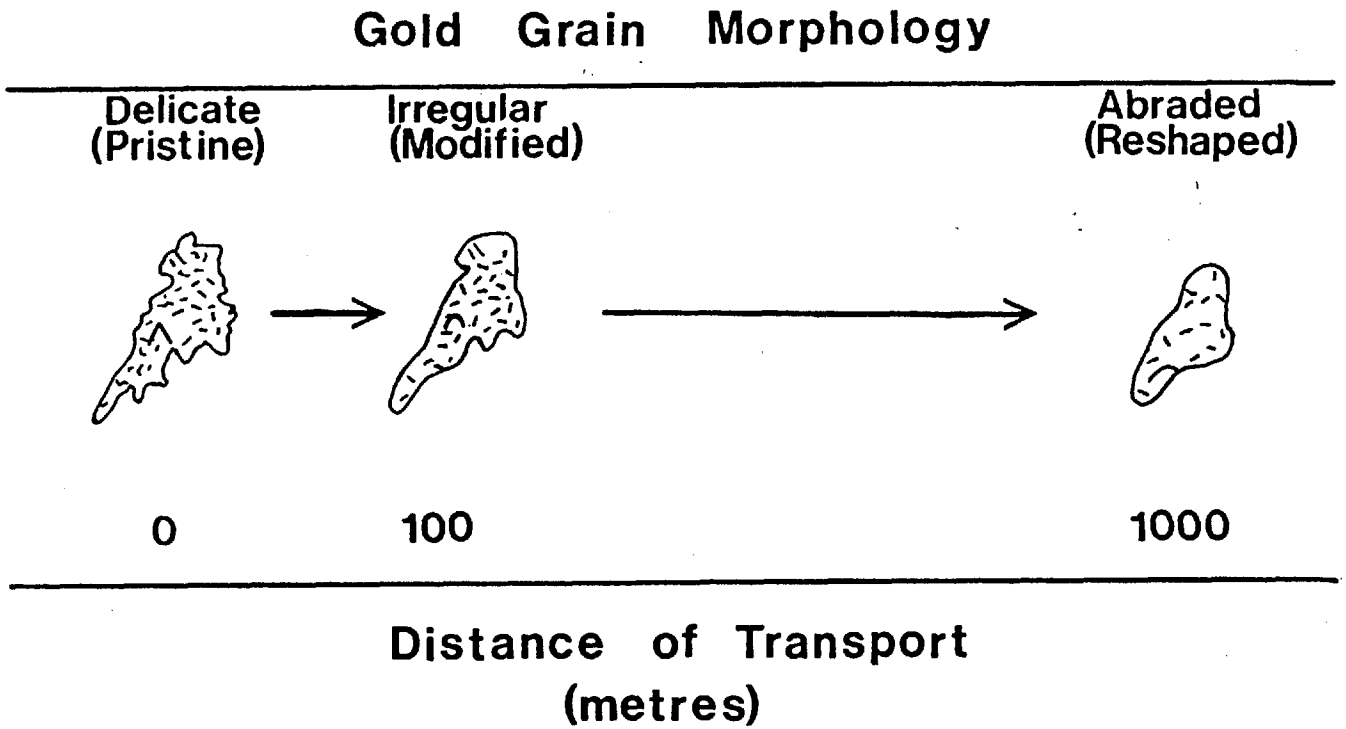


Figure 12 – Effects of Glacial Transport on Gold Particle Size and Shape
(Developed by Overburden Drilling Management Limited)

iodide (specific gravity 3.3) is performed. The light fraction (specific gravity less than 3.3) is stored and the heavy fraction undergoes a magnetic separation to remove drill steel and magnetite. The magnetic separates are checked to ensure that they contain not more than five percent pyrrhotite.

3.5 Sample Analysis

Subsamples of the bedrock chips (Appendix E) and whole non-magnetic overburden heavy mineral concentrates (Appendix F) were analyzed for gold + 33 elements (plus tin for bedrock samples) by instrumental neutron activation (INA) analysis. In addition, 3 g splits of both sample types were analyzed for copper by atomic absorption (AA). In the case of the concentrates, the copper subsample was extracted after irradiation and subsequent examination of selected concentrates to ensure that no gold grains were removed prior to these operations. A representative bedrock sample from each hole was analyzed for whole rock components by inductively coupled plasma spectroscopy and for barium, strontium, zirconium and yttrium by X-ray flourescence. The analytical work was performed by Activation Laboratories Ltd. of Ancaster, Ontario. Analytical specifications are shown in Table 6.

Using the INA procedure, the heavy mineral concentrates require no sample preparation (pulping); thus, the sample is preserved for additional geochemical or mineralogical work that may subsequently be required. In contrast, the bedrock chips are pulped to -150 mesh and a one assay ton (30 gram) subsample is analyzed. Essentially the same element suite is reported for both bedrock and heavy minerals but improved detectability is obtained for several of the bedrock elements (e.g. nickel and zinc detection limits are lowered to 50 ppm from 200 ppm).

The two most useful pathfinder elements in gold exploration in the Abitibi Belt are arsenic and copper. Several other elements obtained in the INA package, such as silver, zinc, antimony, molybdenum and tungsten, are of potential value as gold pathfinders depending on deposit type. However, silver, molybdenum and zinc have relatively high INA detection limits of 5, 20 and 200 ppm, respectively, and most tungsten anomalies on reverse circulation drill programs are caused by contamination from the tungsten carbide buttons on the tricone bits.

The remaining INA elements (Table 6) are of little value in heavy mineral gold exploration although some such as chromium, cobalt, nickel and iron may correlate with specific rock types within a drill area.

Sample Type	Sample Preparation	Element		Lower Detection Limit HMC	Lower Detection Limit Bedrock	Unit	Extraction	Method
Heavy mineral concentrates and Bedrock chips	None	Au	Gold	5	5	ppb	None	Neutron Activation
		Ag	Silver	5	5	ppm	None	Neutron Activation
	Pulverize to -150 mesh (30 g subsample)	As	Arsenic	2	2	ppm	None	Neutron Activation
		Ba	Barite	200	100	ppm	None	Neutron Activation
		Br	Bromine	5	1	ppm	None	Neutron Activation
		Ca	Calcium	1	1	percent	None	Neutron Activation
		Co	Cobalt	5	5	ppm	None	Neutron Activation
		Cr	Chromium	10	10	ppm	None	Neutron Activation
		Cs	Cesium	2	2	ppm	None	Neutron Activation
		Fe	Iron	0.02	0.02	percent	None	Neutron Activation
		Hf	Hafnium	1	1	ppm	None	Neutron Activation
		Hg	Mercury	5	1	ppm	None	Neutron Activation
		Ir	Iridium	40	5	ppb	None	Neutron Activation
		Mo	Molybdenum	20	5	ppm	None	Neutron Activation
		Na	Sodium	500	500	ppm	None	Neutron Activation
		Ni	Nickel	200	50	ppm	None	Neutron Activation
		Rb	Rubidium	50	30	ppm	None	Neutron Activation
		Sb	Antimony	0.2	0.2	ppm	None	Neutron Activation
		Sc	Scandium	0.1	0.1	ppm	None	Neutron Activation
		Se	Selenium	20	5	ppm	None	Neutron Activation
		Sn	Tin	NA	0.01	percent	None	Neutron Activation
		Sr	Strontium	0.2	0.05	percent	None	Neutron Activation
		Ta	Tantalum	1	1	ppm	None	Neutron Activation
		Th	Thorium	0.5	0.5	ppm	None	Neutron Activation
		U	Uranium	0.5	0.5	ppm	None	Neutron Activation
		W	Tungsten	4	4	ppm	None	Neutron Activation
		Zn	Zinc	200	50	ppm	None	Neutron Activation
		La	Lanthanum	1	1	ppm	None	Neutron Activation
		Ce	Cerium	3	3	ppm	None	Neutron Activation
		Nd	Neodymium	10	5	ppm	None	Neutron Activation
		Sm	Samarium	0.1	0.1	ppm	None	Neutron Activation
		Eu	Europium	0.2	0.2	ppm	None	Neutron Activation
		Tb	Terbium	2	0.5	ppm	None	Neutron Activation
		Yb	Ytterbium	0.2	0.05	ppm	None	Neutron Activation
		Lu	Lutetium	0.1	0.05	ppm	None	Neutron Activation
		Cu	Copper **	1	1	ppm	$HCl-HNO_3$ (1:3)	Atomic Absorption
Bedrock Chips (one sample per hole)	Pulverize to -150 mesh	SiO_2	Silica		0.01	percent	Borate Fusion	ICP-AES
		TiO_2	Titanium		0.01	percent	Borate Fusion	ICP-AES
		Al_2	Alumina		0.01	percent	Borate Fusion	ICP-AES
		Fe_2O_3	Total Iron		0.01	percent	Borate Fusion	ICP-AES
		MnO	Manganese		0.01	percent	Borate Fusion	ICP-AES
		MgO	Magnesium		0.01	percent	Borate Fusion	ICP-AES
		CaO	Calcium		0.01	percent	Borate Fusion	ICP-AES
		Na_2O	Sodium		0.01	percent	Borate Fusion	ICP-AES
		K_2O	Potassium		0.01	percent	Borate Fusion	ICP-AES
		P_2O_5	Phosphorous		0.01	percent	Borate Fusion	ICP-AES
		LOI	Loss on Ignition		0.01	percent		Gravimetric
		Total	Whole Rock Total		0.01	percent		Calculated
		Ba	Barium		5	ppm	None	X-ray Flourescence
		St	Strontium		1	ppm	None	X-ray Flourescence
		Zr	Zirconium		5	ppm	None	X-ray Flourescence
		Y	Yttrium		2	ppm	None	X-ray Flourescence

** 3 g of HMC is pulverized for Cu analysis.

Table 6 – Analytical Specifications

4. BEDROCK GEOLOGY

4.1 Regional Geology

The Casa-Berardi area is in the northern Matagami - Chibougamau sector of the Late Archean-age (approximately 2700 Ma) Abitibi Greenstone Belt. The Matagami - Chibougamau sector of the belt, like the rest of the belt, consists of submarine plain komatiitic to tholeiitic basalt flows that are locally surmounted by calc-alkalic volcanic and volcaniclastic complexes and associated turbidites, but is up to 50 million years older (Marmont and Corfu, 1989) and contains distinctive layered mafic/ultramafic sills.

Lacroix et al. (1989), in their preliminary geological synthesis for the region, coin the term Harricana - Turgeon Trench for the supracrustal sequence extending from the northwest corner of the Abitibi Belt southward to the Mistawak Batholith and eastward and southeastward to the felsic volcanic centres at Matagami and Joutel, respectively (Figs. 2, 3). Rocks within the trench are said to include poorly differentiated submarine plain ultramafic to mafic volcanics, strongly differentiated central complex type mafic to felsic volcanics and pyroclastics with associated synvolcanic intrusives, clastic sediments and iron formation, and post-volcanic/tectonic intrusives. The units trend approximately east-west and the major lithologic blocks are bounded by anastomosing, bedding parallel deformation zones such as the Casa-Berardi Deformation Zone and the Douay Deformation Zone (Fig. 3). The lithologies and structure are claimed to be analagous to those found in the La Motte - Vassan Trench (Imreh, 1984) of the southern Abitibi Belt.

The Blondel property lies in the south-central portion of the Harricana - Turgeon Trench. In this part of the trench, Lacroix postulates that the supracrustal rocks include three lithologic assemblages. These are, from south to north (Figs. 2, 3):

1. Submarine plain basalt, komatiitic basalt and thin interflow sediments of the Cartwright Band.

2. Turbidites and associated iron formation of the Taibi Band (Taibi Group).

3. Submarine plain basalt and graphitic interflow sediments of the Orvilliers - Desmazures Band.

The Orvilliers – Desmazures Band occurs in a regional anticlinal structure cored by the syn- to late tectonic Orvilliers Batholith. Taibi Group sediments are shown to reappear north of the Orvilliers – Desmazures Band.

The contact zone between the Taibi Group and Cartwright Band is the Casa-Berardi Deformation Zone in the west and the Douay Deformation Zone in the east. The Orvilliers – Desmazures Band is enveloped by and Taibi Band, and the southern and northern contacts are the Turgeon Deformation Zone and the North Turgeon Deformation Zone, respectively.

In Lacroix's scheme, the Blondel property lies within the Orvilliers – Desmazures Band along the Turgeon Deformation Zone. However, several flaws are apparent in Lacroix's interpretation based on ODM's drilling of more than 1000 reverse circulation holes across the region. ODM has established that a 170 km long, east-west trending wedge of rocks that underlies the northern part of the Casa-Berardi region does not, in fact, belong to the Abitibi Belt (Fig. 13; MacNeil and Averill, 1989). This wedge of rocks appears to be analogous to the Pontiac Group which borders the Abitibi Belt on the south in the Noranda and Val d'Or regions, and we refer to it as the Pontiac Terrane. The northern and southern boundaries of the Pontiac Terrane are major structural breaks that we call the North and South Discordances, respectively (Fig. 13). These discordances are assumed to represent collision zones between the Pontiac and Abitibi Terranes, and to be analogous to the Cadillac – Larder Lake Break which separates the Pontiac Group from the Abitibi Belt in the the Noranda – Val d'Or region (Mortenson, et al., 1988). The Casa-Berardi Fault, which controls the gold mineralization at Golden Pond (Pattison et al., 1986), lies in the Abitibi Terrane about 2 km south of the South Discordance and is probably a splay branch of this discordance, just as the auriferous Main Break at Kirkland Lake and Bousquet Fault at Cadillac are branches of the Cadillac – Larder Lake Fault.

The most obvious difference between the Abitibi and Pontiac Terranes is in grade of metamorphism. The Abitibi Terrane has undergone only subgreenschist to lower greenschist facies metamorphism; primary textures and structures are well preserved, plagioclase is retrograded to albite and calcite, and pyroxene is largely altered to chlorite. The Pontiac Terrane has undergone much higher grade, upper greenschist to lower amphibolite facies metamorphism; recrystallized sugary textures and subgneissic structures are widespread, plagioclase is very calcic and calcite is correspondingly sparse, chlorite is altered to biotite, pyroxene is altered to amphibole, and garnet occurs locally. Other workers who have observed this higher grade metamorphism at

property scale have always assumed that it is a local thermal effect caused by post-kinematic emplacement of granodiorite batholiths into the Abitibi Belt. However, the metamorphism is of regional scale as its intensity does not change perceptibly along the 170 km expanse of Pontiac Terrane. It is not manifested in the Abitibi Terrane, even near major plutons such as the Recher granite (Averill and Graham, 1990), and apparently records deep burial of the Pontiac Terrane prior to collision with the Abitibi Terrane. The lower grade Abitibi metamorphism is later, was probably triggered in part by the collision, and was a retrograde event for the Pontiac Terrane. However, the crustal thickening that resulted from the collision, and from subsequent folding of the Abitibi Terrane and refolding of the Pontiac Terrane, caused granodiorite plutonism which produced local thermal aureoles in both terranes.

Another difference between the Abitibi and Pontiac Terranes is their supracrustal suites. The Abitibi Terrane consists of repeated submarine plain basalt/turbidite successions that are locally surmounted by central complex-type edifices of intermediate to felsic volcanics and tuffs. The Pontiac Terrane is not so highly evolved, comprising the following submarine plain rock units:

1. Basalt;
2. Turbidites;
3. Iron formation (mainly chert-magnetite facies);
4. Gabbro sills;
5. Feldspar porphyry dykes and stocks.

The turbidites occupy about 70 percent of the Pontiac Terrane. Basalt layers and gabbro sills are laterally extensive but of limited thickness. Feldspar porphyry stocks and dykes are concentrated near the basalt, and probably represent the final differentiation product of the magma that fed the gabbro sills and basalt flows.

ODM's interpretation (Fig. 13) indicates the South Discordance traverses the Blondel property near an ENE trending conductive horizon (Fig. 8) passing through the north end of Lac Blondel -- here the South Discordance essentially coincides with Lacroix's Turgeon Deformation Zone. Near the Wawagosic River 20 km to the west, where the Turgeon Deformation Zone is shown to sweep to the northwest through our Pontiac Terrane (Fig. 3), paralleling the major magnetic and conductive units and the margin of the Recher Batholith, ODM has performed extensive drilling and has found no evidence of deformation. ODM's evidence shows the South Discordance passing in a

west-southwesterly direction south of the Recher Batholith and north of Golden Pond and the Casa-Berardi Fault (Averill and Graham, 1990) where conductive horizons are less continuous. Also, on Blondel and further west, ESE-trending conductors in the Pontiac Terrane oppose the ENE trend of the South Discordance and Abitibi conductors, a feature that is often ignored in regional compilations and that suggests the Orvilliers - Desmazures Band cannot be as structurally simple as envisioned by Lacroix.

The principal gold occurrences discovered to date in the Pontiac Terrane are:

1. The Duration zone northwest of Blondel (Fig. 13);

2. The Newmont zone immediately north of INCO's QSR claims in the Burntbush area of Ontario (Averill, 1990);

3. The Cogema zone 1.5 km north of the Newmont zone.

These occurrences are small and none have mining potential. They were found using exploration programs based on the Golden Pond model, but are hosted in feldspar porphyry stocks.

In contrast to these small porphyry showings, the major mineral deposits in the region all occur in Abitibi Terrane (Fig. 2) and include:

1. Shear-controlled gold deposits in tuffs and sediments at Golden Pond (Pattison et al., 1986), in pyrite-siderite iron formation at Joutel (Agnico-Eagle; Wyman et al., 1986), and in chert at Detour Lake (Marmont, 1986);

2. Volcanogenic massive sulphide Cu-Zn-Ag deposits at Joutel and Matagami and also in Estrades Township where the sulphides carry unusually strong gold values (Phillips, 1987);

3. Semi-syngenetic Cu-Zn-Ag veins and stockworks in a caldera environment at Selbaie (Deptuck et al.,1982).

4.2 Bedrock Geology of the Reverse Circulation Drill Holes

4.2.1 Bedrock Stratigraphy, Structure, Metamorphism, Alteration and Topography

Bedrock lithologies intersected on Blondel are listed in Table 7 and their distribution is illustrated on Plan 1.

Basalt is the most common rock type, occurring in 26 of the 28 holes drilled on the south half of the property. The only other rock type intersected here is andesite in Holes 84809 and 84839. However, several ultramafic flows are known to be present, as well as interflow graphitic sediments which account for the conductivity (H.E. Neal & Associates, 1987). The volcanics are predominantly high iron tholeiites (Fig. 14), indicating volcanism is of the submarine plain type. Tandem's interpretation that calc-alkalic intermediate to mafic volcanics and even rhyolite are abundant is erroneous. The volcanics are well-foliated and have undergone lower greenschist facies metamorphism defined by variable chloritization of primary pyroxene and the presence of an average of five percent disseminated metamorphic calcite. Clearly they belong to the Abitibi Terrane.

In the northern part of the drill area east of Lac Longpré, sedimentary and intrusive rocks are found. The intrusive rocks form the southeast part of the Orvilliers Batholith and comprise a marginal quartz diorite phase (Holes 84832 and 84833) and an inner granodiorite phase (Holes 84834 to 84837). The margin of the batholith is easily discernible from airborne magnetics (Fig. 13). The samples are essentially unmetamorphosed, except for some chloritization of horneblende, and are massive.

Between the Orvilliers Batholith and the southern volcanics, fine grained turbidites occur. It is these sediments which display the ESE conductive trend (Fig. 8) that is juxtaposed against the ENE conductive and magnetic trend of the southern volcanics. In contrast to the weakly metamorphosed volcanic and intrusive rocks, the turbidites have the upper greenschist to lower amphibolite metamorphic grade diagnostic of the Pontiac Terrane. This is best illustrated by greywacke in Hole 84831 which has been recrystallized to a sugary biotite schist. The other turbidites are fissile to sub-fissile siltstones which due to their fine grain size do not display the recrystallization effects as well as the coarser greywacke. However, siltstone and chert in Hole 84828 is extensively recrystallized and none of the turbidites contain the disseminated calcite that is characteristic of lower greenshist metamorphism.

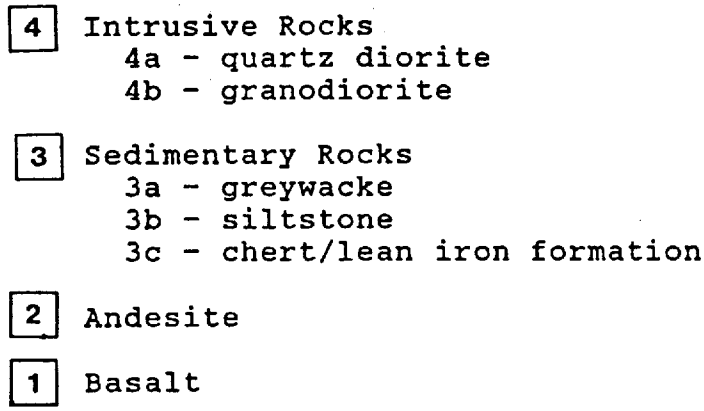


Table 7 – Bedrock Lithologies of the Reverse Circulation Drill Holes

Several small gabbro/diorite bodies were identified by Tandem on the property but no similar rocks were intersected in the INCO drill holes. A northeast trending diabase dyke cuts the property between Lac Blondel and Lac Longpré.

Structurally, the most important feature of the area is the juxtaposition of the Pontiac and Abitibi Terranes along the South Discordance. This structure may roughly coincide with a fairly broad bedrock depression (Plan 2) that was identified by the INCO drilling and the previous Tandem drilling.

Only the Abitibi Terrane volcanic rocks and the quartz diorite in Hole 84933 display shear deformation and hydrothermal alteration. The volcanic intersections in about 60 percent of the southern holes displays weak to strong shearing variably manifested by a secondary shear foliation, microlamination and local mineral lineation (ductile deformation). Brecciation (brittle deformation) is noted only in Hole 84907. The shearing is often accompanied by concomitant alteration usually manifested by weak secondary carbonate development (Fe/Mg carbonate, calcite) with local bleaching and sericitization. Tourmaline occurs with calcite veinlets in basalt in Holes 84921 and 84925, and very strong silica, sericite and chloritoid development occurs in basalt in Hole 84938. Andesite in Hole 84909 is also strongly silicified.

A rough measure of the intensity of carbonatization can be obtained by adding total Fe/Mg carbonate as established by acid tests during binocular logging to any disseminated and fracture calcite in excess of the normal five percent concentration that is produced by greenschist facies metamorphism. Further, a rough measure of the intensity of shearing can be obtained by visually balancing deformation and alteration effects. As shown in Plan 1, both methods give similar results. Carbonate alteration and shearing appears to define a weak, discontinuous, linear zone extending from Hole 84908 in an east-northeasterly direction to Hole 84925. Included in this zone are non-carbonated but strongly silicified volcanics in Holes 84909 and 84938. This zone probably traces a poorly developed splay shear related to the South Discordance and informally named the Blondel Shear. It is near this structure that the only bedrock samples with anomalous gold values are found (529 and 240 ppb Au in basalt Samples 84920-06 and 07, respectively). Bedrock samples in several other drill holes are also sheared but the shearing cannot be related to coherent, traceable structures.

4.2.2 Lithologic Descriptions

Brief binocular lithologic descriptions of one bedrock sample from each hole were prepared (Appendix D) to confirm and amplify field descriptions. Particular attention was paid to primary features, and the rocks were assigned genetic names such as basalt rather than metamorphic names such as chlorite schist.

Reasonably accurate measurements of primary mineralogy, structure, texture, degree of metamorphism, and alteration can be made from chip samples with a binocular microscope, but inherent limitations are present. These limitations include:

1. Inability to differentiate grey plagioclase from grey-brown and grey-green pyroxene where the grain size is less than 0.1 mm as in many volcanic rocks. In subgreenschist facies belts where primary pyroxene is preserved, this often impedes differentiation of intermediate volcanics from mafic volcanics, and calc-alkalic species from tholeiitic or komatiitic species. In greenschist and amphibolite facies belts where primary proxene has been largely converted to green chlorite and black amphibole, respectively, intermediate and mafic units can be reliably differentiated but primary textures are often obliterated.

2. Inability to determine bedding thickness or fragment size where the dimensions of the beds or fragments are greater than the 1 cm diameter of the coarsest drill cuttings.

3. Inability to recognize tops in bedded sections.

4. Difficulty in differentiating certain primary structures such as pillow selvages from secondary veins and shears.

5. Necessity of inferring gross mineralogy of aphanitic samples from rock colour and hardness.

A summary description of each lithologic unit is presented in the following sections.

4.2.2.1 Basalt (Map Unit 1)

Basalt is the predominant rock type in the drill area, occurring in 27 of the 39 holes; all basalt intersections are south of the South Discordance.

Basalt samples are fine grained (aphanitic to 0.15 mm, rarely to 0.3 mm) and well foliated to schistose; the fabric often appears to be at least partially due to shear deformation. They range in colour from dark green to locally buff-grey to grey, reflecting bleaching and secondary alteration. The basalt has an equigranular, interlocking, holocrystalline texture. More than half of the intersections contain a few percent calcite + quartz filled amygdules to 2.0 mm, and several contain 20 to 25 percent dark, irregular, chloritized pyroxene "clots" to 3.0 mm. Several other samples contain less than one percent quartz eyes of 0.5 mm.

Mineralogically the basalt is composed of subequal proportions of plagioclase (often weakly saussuritized) and mafic minerals, variably pyroxene, chloritized pyroxene, and chlorite. Low concentrations (0.5 to 3 percent) of leucoxene or magnetite are found in a few samples. Pyrite is often present but its concentration rarely exceeds 0.5 percent.

Disseminated and stringer calcite resulting from lower greenschist metamorphism is present in most basalt samples in concentrations that average about 5 percent. Higher concentrations of calcite (5 to 15 percent, with associated tourmaline in Holes 84921 and 84925) or Fe/Mg carbonate (3 to 10 percent) reflect secondary alteration and are found predominantly near the Blondel Shear. Likewise, silicified, sericitized and chloritoid rich basalt in Hole 84938 occurs near the Blondel Shear. Alteration in other basalt samples tends to be weak and erratic.

The mineralogical identification of basalt is generally chemically supported as most samples contain 40 to 52 percent SiO_2 (Appendix E) and plot as high iron tholeiitic basalts (Fig. 14). However, samples in Holes 84906, 84907, and 84908 contain 55 to 65 percent SiO_2 and plot as tholeiitic andesite. Another, in Hole 84938, contains 80 percent SiO_2 and plots as rhyolite but this reflects very strong secondary silicification.

4.2.2.2 Andesite (Map Unit 2)

Andesite was logged in Holes 84909 and 84939. Both samples are medium green-grey, very fine grained (0.05 mm) to aphanitic, and moderately to strongly sheared. With the exception of about 5 percent visible chlorite, the andesite samples are composed of a holocrystalline groundmass in which the plagioclase:pyroxene ratio appears to exceed 70:30. Two percent quartz and chlorite filled amygdules to 1.0 mm and 5 percent anhedral to subhedral plagioclase phenocrysts to 2.0 mm are present in the Hole 84939 andesite. The Hole 84909 sample contains 2 percent quartz eyes to 0.8 mm.

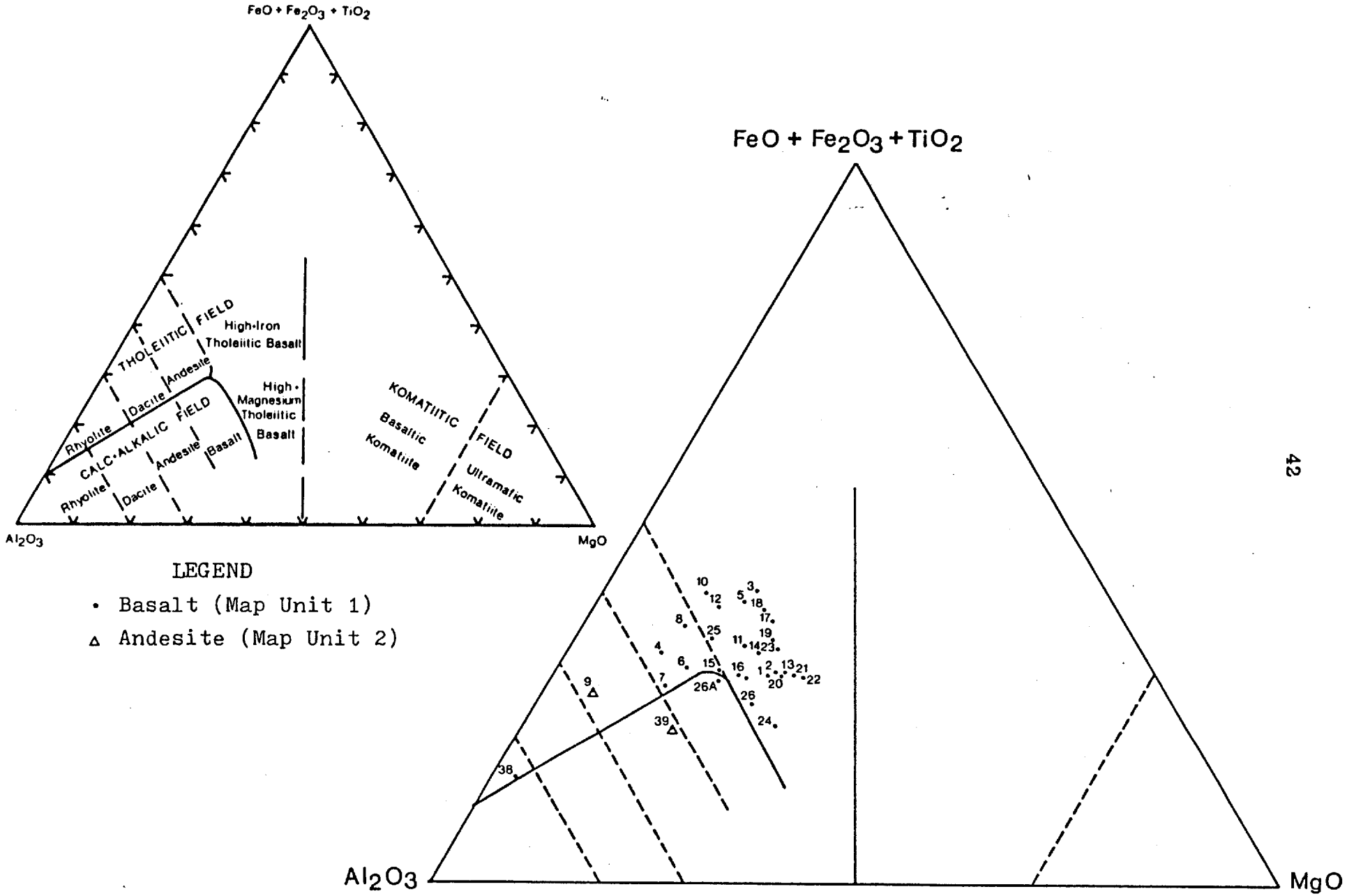


Figure 14 – Jensen Cation Plot of Basalt and Andesite Samples

In addition to the major rock forming minerals, the andesite contains low (3 to 5 percent) concentrations of calcite as disseminations, stringers and associated with quartz in veinlets (Hole 84909) and trace to 0.7 percent disseminated pyrite. The andesite in Hole 84909 is strongly silicified.

Both samples have an intermediate affinity; the Hole 84938 sample plots as a calc-alkalic andesite while that of Hole 84909 plots as a tholeiitic dacite (Fig. 14).

4.2.2.3 Metasediments (Map Unit 3)

Sedimentary rocks of the Pontiac Terrane are present in Holes 84927 to 84931 between the Orvilliers Batholith and the southern Abitibi volcanic terrane.

Greywacke (biotite schist; Subunit 3a) is present in Hole 84931. It is medium beige-grey in colour with a grain size of 0.1 to 0.3 mm and is poorly foliated. It consists of a recrystallized, sugary groundmass with 10 to 15 percent relict quartz sand and several percent colourless to cloudy, partially recrystallized, undifferentiated quartz, plagioclase, and/or lithic sand. The fabric is defined by 10 percent poorly aligned biotite, the only mafic mineral in the sample. Approximately two percent disseminated and stringer sulphides (predominantly pyrrhotite with minor pyrite) are also present.

Siltstone (Subunit 3b) is a dark grey to black fissile rock. It may be indistinctly banded as defined by slight variations in sediment grain size (less than 0.05 to 0.1 mm -- Holes 84927 and 84929) or by the presence of chert bands (Subunit 3c; Hole 84928). Even with the local grain size variations, it is difficult to accurately determine groundmass mineralogy or texture although overall the samples appear to have a sub-sugary groundmass and 10 to 20 percent very fine biotite or chlorite. The chert bands in Hole 84928 form 35 percent of the sample and may exceed one centimetre in thickness. The chert has been recrystallized to a fine (less than 0.1 mm) sugar, indicating significant metamorphism.

The siltstone is essentially carbonate free except for 0.5 to 2 percent calcite that occurs as stringers and in veinlets with quartz in samples from Holes 84927 and 84928. Sulphide content (pyrite and/or pyrrhotite) is less than 0.2 percent except in the Hole 84930 sample which contains 3 percent pyrite as thin stringers along fissility planes.

4.2.2.1 Intrusives (Map Unit 4)

Intrusive rocks of the Orvilliers Batholith include quartz diorite in Holes 84932 and 84933 near the southern margin of the batholith and granodiorite in more northerly Holes 84934 to 84937.

Quartz diorite (Subunit 4a) is a mottled black and white, hypidiomorphic rock with a grain size of 1 to 2 mm. It is composed of approximately 55 percent white plagioclase, 35 percent partially chloritized hornblende and 10 to 15 percent quartz. Accessory minerals include 1 to 4 percent epidote (after plagioclase), less than 0.5 percent sphene and calcite, and less than 0.1 percent pyrite. Quartz diorite in Hole 84933 is moderately well sheared with rare thin (less than 1 mm) mylonite bands. The shearing results in an alignment of the mafic minerals producing a poor foliation. The overlying sample in this hole is heavily veined with 60 percent colourless to light grey quartz. Batholith intersections in all other holes are unsheared.

Granodiorite, like quartz diorite, is a mottled black and white, massive, hypidiomorphic rock with an inequigranular grain size of 0.5 to 3 mm. It has a uniform mineralogical composition of 50 percent feldspar (plagioclase and K-spar cannot be differentiated), 25 percent quartz and 20 percent partially chloritized hornblende. Accessory minerals include 2 to 4 percent apple green epidote, less than 0.5 percent sphene and calcite, and less than 0.1 percent disseminated pyrite.

The mineralogical differences between quartz diorite and granodiorite are also manifested chemically as the quartz diorite plots as calc-alkalic andesite on the Jensen diagram (Fig. 15) whereas the granodiorite plots as calc-alkalic dacite.

4.3 Bedrock Geochemistry

The gold content of the bedrock samples is generally less than the 5 ppb detection limit. The only anomalous results are 529 and 240 ppb Au in Samples 06 and 07, respectively, of Hole 84920 near the Blondel Shear. These samples are porphyrytic basalt but lack strong shearing or alteration. Each does contain 5 to 15 percent quartz-calcite veinlets and a few red, earthy hematitic slip planes. Bedrock Sample 08 from the same hole is similar to Samples 06 and 07 but contains less than 1 percent quartz-calcite veinlets and assayed less than 5 ppb Au.

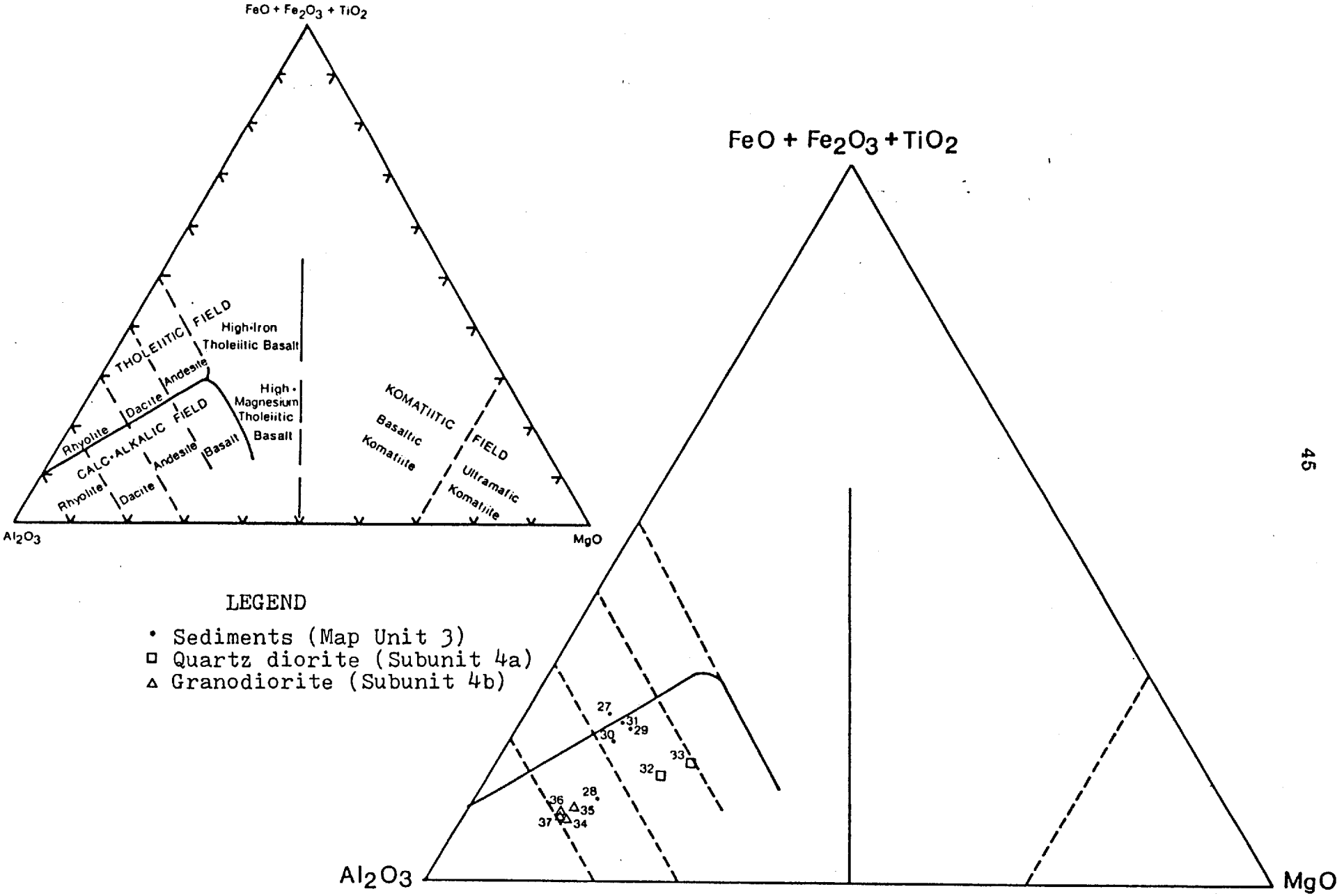


Figure 15 – Jensen Cation Plot of Metasediment and Intrusive Samples

Elevated arsenic values, often a good indicator of shearing, are low, ranging from less than the 2 ppm detection limit to 37 ppm. Zinc results range from less than 50 to 437 ppm and copper from 1 to 240 ppm -- these results represent the regional background.

Significant anomalies do not occur in other elements analyzed. Erratic tungsten values (to 3900 ppm) are due to sample contamination from the tungsten carbide buttons on the tricone bits.

A 0.2 metre quartz-tourmaline boulder intersected in Hole 84912 was also submitted for analysis (Sample 84912-bldr; described in Appendix D). It returned background levels of gold and other elements.

5. OVERBURDEN GEOLOGY

5.1 Quaternary History and Stratigraphy of the Abitibi Region

The Quaternary geology of the Abitibi region, as determined by ODM from thousands of drill holes and scanty literature, is summarized in Figure 16 and Table 8. Tills from three major glaciations and sediments from two interglacial periods are present.

The oldest till was deposited by ice moving southward from Hudson Bay -- possibly 1 million years ago in Kansan time -- and is enriched in clasts of Proterozoic sandstone and Paleozoic limestone. This till is so rarely preserved that it is of no significance in exploration. The next till (Lower Till) was deposited by ice moving southwestward from New Quebec in Illinoian time more than 125,000 years ago. It is preserved in many buried valleys and contains the dispersal trains from any mineralization in these valleys. The youngest till was deposited 10,000 years ago by Late Wisconsinan ice of the Laurentide sheet that originally moved southwestward from New Quebec (Veillette et al., 1989) but during glacial recession split into a southeast-moving Hudson mass west of Longitude 78° W (Val d'Or and Joutel), where the Blondel property is located, and a southwest moving New Quebec mass in the area east of this longitude. The esker-like Harricana Interlobate Moraine was deposited at the contact between the two ice masses. The till to the west is known as Matheson Till; that to the east has not been formally named but we call it Chibougamau Till.

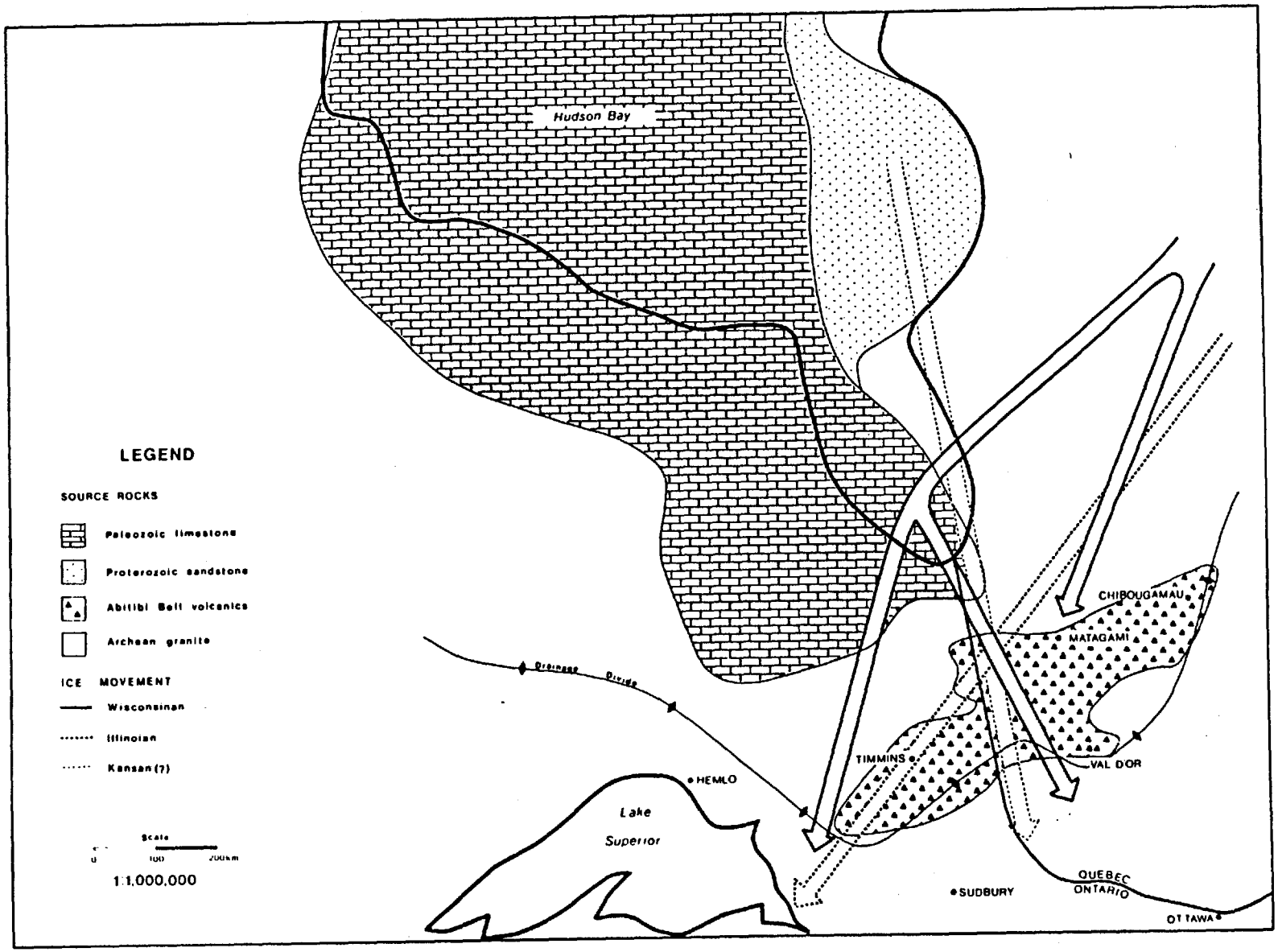


Figure 16 – Glacial History of the Abitibi Region

Present	**HOLOCENE**
	7 Holocene sediments 7b - forest-peat member 7a - fluvial member
10,000 Years B.P.	**PLEISTOCENE**
	LATE WISCONSINAN
	6 Cochrane Till
	5 Ojibway II Sediments 5e - littoral and aeolian member 5d - Cochrane member 5c - glaciolacustrine clay member 5b - glaciolacustrine sand member 5a - glaciofluvial member
	4 Chibougamau/Matheson Till
100,000 Years B.P.	**EARLY WISCONSINAN AND SANGAMON**
	3 Missinaibi Formation 3c - Ojibway I member 3b - forest-peat member 3a - fluvial member
	ILLINOIAN
	2 Lower Till and Sediments
1,000,000 Years B.P.	**YARMOUTH AND KANSAN ?**
	1 Older Till and Sediments

Table 8 – Quaternary Formations for the Abitibi Region

No major glacial lakes were ponded on the Hudson Bay slope during either the Kansan or Illinoian recessions. Consequently the terrain was very rugged compared to today's plain, probably mirroring the modern bedrock surface. In Yarmouth and Sangamon time immediately following these respective glaciations, interglacial sediments including soil profiles and fluvial gravels developed upon the Kansan and Illinoian tills. The gravels were transported northward like modern gravels rather than southward like glacial gravels, consist mostly of recycled till debris, are oxidized, and often contain wood fragments and significant concentrations of placer gold.

During Early Wisconsinan ice advance 100,000 years ago and during Late Wisconsinan ice recession 10,000 years ago, the region was flooded by glacial Lakes Ojibway I and II respectively, which drained southward over the Hudson Bay - St. Lawrence River divide. Varved clay, silt and fine sand sheets up to 30 metres thick were deposited in both lakes. The Ojibway I sediments conformably overlie the Sangamon interglacial sediments, and the complete Sangamon/Early Wisconsinan package is known as the Missinabi Formation (Skinner, 1973). The Ojibway I sediments coarsen upward because they were deposited from a transgressive ice sheet that was pushing the lake southward. They were overridden for 90,000 years by the 2 to 4 km thick Wisconsinan ice sheet and are overconsolidated, dry and platy whereas the Ojibway II sediments, which were deposited from regressive ice, fine upward and are soft. Glaciofluvial esker/delta sands and gravels were deposited by the meltwater rivers that fed both lakes.

The final glacial event in the Abitibi region was a minor southeastward readvance of a thin lobe of ice from the Hudson mass into the north part of lake Ojibway II and over the northern part of the Harricana Moraine (Veillette et al., 1989), depositing Cochrane till which consists mainly of clay recycled from the soft lake bed. When the Cochrane ice melted, Lake Ojibway II drained catastrophically northward, exposing the Late Wisconsinan esker ridges to considerable erosion by wave and wind action until they became stabilized by vegetation.

5.2 Quaternary Geology of the Blondel Drill Area

Quaternary units intersected in the Blondel reverse circulation drill holes are shown in cross section in Figure 17 (in pocket). The lines of section are shown on Plan 2. The Quaternary units include 1) a Late Wisconsinan-age package comprising a thin Matheson Till horizon and thick Ojibway II glaciofluvial and glaciolacustrine sediments

(± Cochrane Till), and 2) a surface veneer of Holocene-age organics. Pre-Wisconsinan deposits were not intersected even in deeper holes as cross-ice valleys are broad, permitting erosion of these deposits by the Wisconsinan ice sheet. In all holes, bedrock is directly overlain by Matheson Till or locally by Ojibway II Sediments. An ubiquitous sheet of gritty clay with minor pebbles is the most recent Pleistocene horizon; it is not clear whether this unit is Cochrane Till (Averill and Graham, 1990) or merely structureless shallow water glaciolacustrine sediments. Holocene forest litter and peat is present throughout the drill area.

The direction of ice flow for the Matheson Till was about 260 degrees, shifting sharply to 165 degrees during deglaciation (Veillette et al., 1989). The relatively flat bedrock topography on the Blondel property, together with the absence of pre-Wisconsinan deposits, suggests that most of the Matheson Till was deposited during the post-shift, 165 degree ice flow event.

Each of the intersected Quaternary units is described in detail below.

5.2.1 Matheson Till (Abitibi Unit 4)

Matheson Till, deposited during the wasting of the Hudson mass of the Laurentide ice sheet is typically less than 3 m (three samples) thick but is relatively continuous (Fig. 17). It was intersected overlying bedrock in 34 of the 39 drill holes. The thicker intersections (maximum 30 m) tend to fill bedrock depressions.

The Matheson Till is matrix supported and cobbly. Its matrix generally consists of grey-beige fine sand-silt rock flour. The matrix in some sections (e.g. Holes 84901, 84916, 84918) is enriched in clay undoubtedly recycled from the glaciolacustrine member of the Missinaibi Formation although in situ remnants of this clay were not encountered. Most of the till is massive with little textural variation but bedded till, sand and gravel in Hole 84908 is probably diagnostic of local subaqueous rather than subglacial deposition.

Clasts in the till range in size from pebbles to boulders. The average clast composition is 50:50 volcanics and sediments versus granitoids. In some holes the granitoid component reaches 60 percent and in others the volcanic/sediment component may exceed 70 percent at the base of the till section. East of Lac Longpré, drill holes sited over the Orvilliers Batholith have only a 50:50 ratio of volcanics/sediments versus

granitoids but the intrusive clasts are largely identical to bedrock. Also, distinctive black siltstone found as bedrock in Holes 84927 to 84931 could be distinguished as clasts in some holes (e.g. 84907 and 84939). Thus a significant component of the Matheson Till is of local provenance, making it an excellent geochemical medium, although this is somewhat compromised by the local absence and limited thickness of the till.

5.2.2 Ojibway II Sediments (Abitibi Unit 5)

The following sediments were deposited while the Blondel drill area was flooded by glacial Lake Ojibway II:

Subunit 5a: Ice-contact glaciofluvial sand and gravel;
Subunit 5b: Ice-proximal glaciolacustrine sand and silt;
Subunit 5c: Ice-distal glaciolacustrine silt and clay;
Subunit 5d: Ice-proximal Cochrane glaciolacustrine sediments (possibly Cochrane Till -- Abitibi Unit 6).

These sediments generally overlie Matheson Till but supplant it in five holes. Subunits 5a to 5c drape the till in such a manner that their upper surface essentially mirrors that of the underlying till.

The glaciofluvial sand and gravel member (Subunit 5a) is present in Hole 84905, and consists of 3.9 m of bedded pebbly sand, sand, and clast supported gravel. Similar sediments are not present in up-ice holes, suggesting the Hole 84905 intersection relates to a small, isolated subglacial stream.

The gravel bed consists of cobble size clasts with essentially no matrix other than minor fine sand from overlying layers that has infiltrated the interstices between cobbles. Clast composition is 60:40 volcanics/sediments versus granitoids. The sand beds consist of poorly sorted fine silty sand with scattered pebbles or pebble seams.

Five to six metres of glaciolacustrine sand (Subunit 5b) is present in Holes 84906 and 84907. The sand is grey-beige, fine to very fine grained, poorly sorted and contains local pebble seams (Hole 84906) and clay partings (Hole 84907). The absence of similar sediments in other drill holes suggests rapid ice withdrawal and deepening of Lake Ojibway II.

The glaciolacustrine clay-silt horizon (Subunit 5c) was intersected in 37 of the 39 holes. Its thickness is normally 5 to 10 m and its upper surface mirrors that of the underlying Matheson Till. The section consists of varved grey to grey-beige silt and grey clay typical of deep water sedimentation.

Overlying the varved clay-silt is a thick, laterally extensive layer of soft, non-varved, slightly but consistently gritty grey clay containing rare granules and pebbles. The pebbles are variably Paleozoic limestone, granitoids/gneisses, and dark volcanics/sediments -- a suite normally found in Cochrane Till. Averill and Graham (1990) describe similar material at Golden Pond and consider it to be Cochrane Till. At Golden Pond the layer is generally thinner (average of about 10 m) than at Blondel (average 10 to 20 m) and appears to unconformably overlie the varved clay-silt. In contrast, the contact of the Blondel layer with the underlying varved clay-silt is sympathetic to the contact of the clay-silt with the Matheson Till, suggesting that both contacts are conformable and that the upper layer is not till. However, the Cochrane Till-like pebble composition indicates that the layer is related to the Cochrane ice advance. This layer has been designated "Cochrane Till or Sediments" (i.e. Unit 6 or 5d) on the Quaternary sections (Fig. 17) due to its uncertain origin. The possibility that it is till does not indicate the layer is useful in mineral exploration because it is composed primarily of reworked Lake Ojibway II varved clay-silt and distal clasts. It also contacts bedrock in only two holes so could not reflect property mineralization.

5.2.3 Holocene Organics (Abitibi Subunit 7b)

Peat and humus (Subunit 7b), accumulated during the 8,000 years that have elapsed since the draining of Lake Ojibway II, occur at surface in the drill holes. Their thickness ranges from 0.2 m in forested areas to 1.5 m in bogs.

6. OVERBURDEN GEOCHEMISTRY

6.1 Regional Gold and Base Metal Background and Anomaly Threshold Levels

The interpretation of the heavy mineral gold geochemistry of overburden samples is an involved process. In summary, the gold background of till is caused mainly by grains

of visible gold, and these gold grains are so thinly scattered through the till and are of such a wide size range that it is impossible to obtain either a representative number of grains ("particle sparsity effect") or a representative gold assay ("nugget effect") from a sample of reasonable size. In contrast, gold dispersal trains down-ice from known ore bodies have a large concentration of gold grains of a narrow size range such that both representative gold grain counts and gold assays can be obtained. Through experience, we have established a dispersal train threshold of 10 grains of visible gold for the 8 kg samples that are normally collected on reverse circulation drills. Recognizing that not all gold grains are observed during processing and that gold does not always occur as free grains but can be occluded in sulphides or other heavy minerals, we also investigate any anomalies over a second, 1000 ppb threshold. The 1000 ppb value is based on the observation that heavy mineral concentrates from most gold dispersal trains have a gold content similar to that of the source mineralization; thus 1000 ppb in the till is suggestive of highly anomalous bedrock and values over 3000 ppb are suggestive of ore-grade mineralization. Significant anomalies, in addition to being caused by more than 10 gold grains of a similar size or by occluded gold, also generally display vertical stratigraphic continuity within the host till horizon and may have an associated pathfinder metal, particularly arsenic or copper. Pristine or slightly modified gold grains are also significant as they normally indicate a proximal source.

The base metal background of a heavy mineral concentrate, and particularly of our high-density methylene iodide concentrates, is higher than that of a raw till sample, ranging up to several hundred ppm, because base metals tend to substitute to a significant extent for other metal ions in the structures of heavy silicate and sulphide minerals such as pyroxene and pyrite. The established anomaly threshold level for Cu and Zn, indicating the presence of ore-type minerals such as chalcopyrite and sphalerite in potentially economic concentrations, is 800 ppm. Because till concentrates from dispersal train samples tend to grade the same as the bedrock source mineralization, massive sulphide deposits which typically grade 50,000 ppm (5 percent) combined Cu-Zn often produce anomalies over 10,000 ppm in each metal. The same deposits average 35 ppm (1 ounce/ton) Ag, and the Ag anomaly threshold corresponding to 800 ppm Cu or Zn is about 2 ppm. Base metal trains, even from deposits oriented perpendicular to ice movement, tend to be long and ribbon-shaped compared to the short apron-shaped trains found at similarly-oriented gold deposits. This reflects the very high concentration of base metals relative to gold in ore deposits.

Arsenic does not have a well-defined anomaly threshold because arsenic deposits in themselves are not of economic interest. However, arsenic is a very important gold pathfinder. Arsenic values in excess of 800 ppm are normal in till concentrates

obtained from dispersal trains down-ice from gold deposits that contain arsenopyrite but lower values can be significant, especially if the sampling sites are too widely spaced to guarantee sampling of the higher grade core portions of the train. Similarly, Cu and Zn values lower than 800 ppm that would not be of interest in base metal exploration can be significant as indicators of gold mineralization.

Significant Cu, Zn, Ag and As anomalies, like significant gold anomalies, normally display vertical continuity in the host till and have a pathfinder association. In the case of copper and zinc, the presence of grains of banded massive pyrite-chalcopyrite-sphalerite mineralization in the concentrate is a favourable indicator whereas the presence of only coarse, crystalline, vein-type chalcopyrite or sphalerite is unfavourable unless gold is also present.

6.2 Heavy Mineral Gold Anomalies

Of the one hundred fourteen Blondel heavy mineral concentrates, none exceeded our first anomaly threshold of ten or more gold grains. However, seven concentrates (6 percent of samples processed) produced measured and/or calculated gold assays greater than our second anomaly threshold of 1000 ppb. All seven heavy mineral anomalies are hosted in Matheson Till samples and they occur in six of the thirty-nine drill holes (Plan 1).

In the Abitibi region, on average, 10 percent of samples that contain only background levels of gold yield anomalous assays or visible gold grain counts due to:

1) The coincidental occurrence of one or more coarse gold grains in the sample (nugget effect); or
2) The coincidental clustering of 10 or more fine gold grains in the sample (particle sparsity effect).

The 10 percent Abitibi background noise is entirely attributable to the sampling procedure (i.e. samples are too small to give representative gold grain counts and gold assays). The background noise frequency increases to 15 to 50 percent of samples in the south due to the cumulative effect of glaciating a) a vast expanse of volcanic terrane that contains a plethora of minor gold occurrences, and b) several major auriferous fault zones. The low (6 percent) anomaly frequency on Blondel reflects the position of the property within 55 km of the north edge of the Abitibi Belt and north of known major gold structures, and suggests that all anomalies are due to background noise.

A systematic three-stage screening process has been applied to each of the fourteen anomalous samples (Fig. 18, Table 9) with the objective of eliminating background noise and isolating any dispersal train anomalies that may be present. Using the screening process, each anomaly eventually enters one of the five following end groups depending on the observed or probable cause of the anomaly:

Group	Cause
A	Background visible gold grains
B	Dispersal train visible gold grains
C	Gold contamination introduced either a) on the drill from grinding gold-bearing clasts or bedrock, or b) in the heavy mineral or analytical laboratory from other samples
D	Laboratory error
E	Dispersal train gold occluded in sulphides or other minerals

Anomalies in Groups A, C, and D are rejected. Anomalies in Groups B and E are potentially significant and are individually evaluated in detail.

The simplest stage in the screening -- and therefore the first one applied -- is to downgrade anomalies which have no vertical stratigraphic continuity; however, these anomalies are not completely eliminated until their cause is determined.

To have true vertical stratigraphic continuity, a gold anomaly must a) extend through two or more consecutive samples of one till horizon, and b) display dispersal train characteristics (e.g. pristine visible gold grains, occluded gold, pathfinder association) in each sample. Sometimes two consecutive samples of the same till horizon are anomalous by coincidence as a result of background noise in one or both samples caused by the nugget effect or/and the cluster (particle sparsity) effect. We treat such anomalies as if they do not have vertical continuity. Consecutive anomalies in sand and gravel horizons rarely have vertical continuity because, in most cases, each vertical bed in the section represents a different fluvial or glaciofluvial event. A single anomalous sample within or ar the top of a multi-sample till horizon obviously has no vertical continuity. If only the basal sample of a till horizon is anomalous, the anomaly is assumed to have vertical continuity until proven otherwise because the anomaly could be so close to source that dispersion of gold further upward into the till section would not have occurred. In most cases, of course, single-sample basal anomalies in till horizons, like their counterparts higher in the section, simply represent background noise and do not have real vertical continuity; this must be

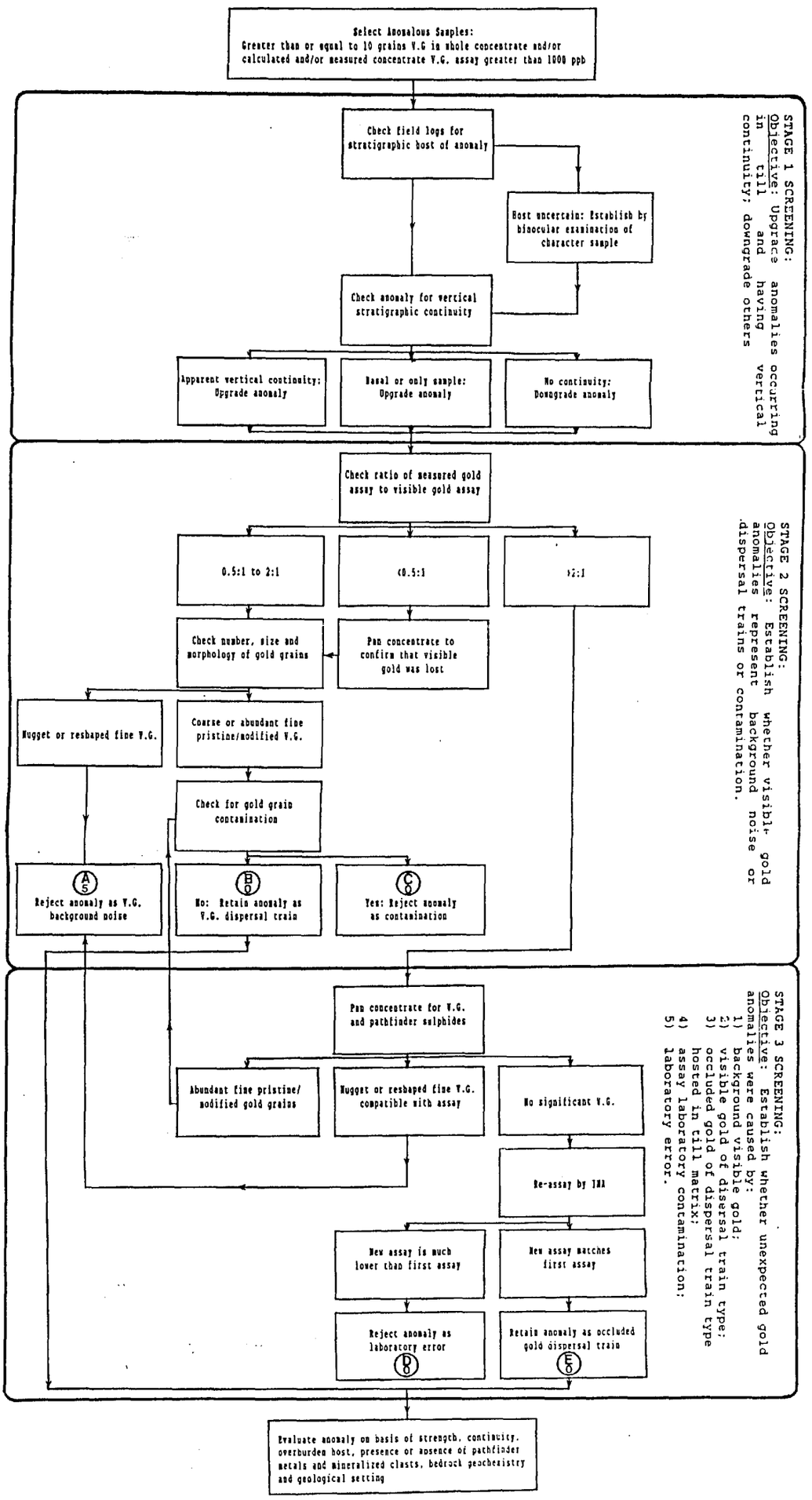


Figure 18 – Flow Chart for Three-Stage Screening of Heavy Mineral Gold Anomalies

Gold Anomalies				Grains V.G. (*Not Panned)	1st Stage Screening (Vert. Cont.)	2nd and 3rd Stage Screening		Remarks	Anomaly Group
Hole No.	Sample No.	Au Assay (ppb) Meas.	Calc.			Meas.:Calc. Assay Ratio	Nugget Effect		
84902	01	1200	5	1*	Basal Sample	240	Inferred	Single gold grain is pristine	A
84912	01	579	1265	4	No	0.46	Observed	Three gold grains reshaped and one modified	A
84913	05	1920	2441	1	No	0.78	Observed	Single gold grain is modified	A
84922	01	1160	994	2	No	1.16	Observed	Both gold grains reshaped	A
84939	02	2840	6370	3	No	0.45	Observed	All gold grains modified; 97% of calculated assay caused by a single gold grain of 275 x 350 x 150 microns	A

Table 9 – Heavy Mineral Gold Anomaly Screening

established by other screening procedures. Similarly, an anomaly occurring in a till horizon which is only one sample thick is assumed to have vertical stratigraphic continuity but generally does not. Of the seven Blondel anomalies, one is a single sample basal anomaly, and the remaining six are isolated in the till section thus have no stratigraphic continuity.

The second stage in the screening is used to evaluate anomalies occurring in samples where sufficient visible gold was observed to explain the measured (Activation Laboratories Ltd.) assays. In its simplest form, the measured assays are compared to the calculated (predicted) visible gold assays (Table 9) to eliminate those anomalies in which the 1000 ppb threshold is no longer met after the contributions of one or two observed nuggets have been subtracted from the total assays. In a sample with observed nuggets and little or no fine visible gold, either a good correlation of the two assays or a low measured assay indicates that essentially all of the gold in the concentrate is in the nuggets and the anomaly is of no significance. Of course, it is helpful if the samples are panned after tabling to ensure that all of the gold grains are sighted.

The correlation between a measured and calculated assay is "good" if the ratio of measured to calculated assay is from 0.5 to 2.0; this allows for halving or doubling the normal thickness factor for flake gold particles used in the calculation. Of the seven anomalous samples, four with measured and/or calculated assays over 1000 ppb show good assay correlation. Their measured:calculated assay ratios range from 0.5 to 1.2 and average 0.8. These four anomalies are from samples that yielded a total of ten gold grains (one to four gold grains per sample) of which five are reshaped and five are modified. The four concentrates would all assay less than 1000 ppb if the contribution of one or two observed nuggets was subtracted from the measured assay. None of the anomalies have anomalous pathfinder associations or vertical stratigraphic continuity and thus all were downgraded by first-stage screening. None of the four anomalies are significant.

A low measured assay (i.e. measured:calculated assay ratio of less than 0.5) for a concentrate with observed gold nuggets and a calculated assay aver 1000 ppb usually indicates nugget loss in handling. If little or no other gold is present, the concentrate will assay below the 1000 ppb anomaly threshold. None of the Blondel anomalies are of this type.

A variation of the second stage of screening pertains to anomalous samples possessing ten or more gold grains but lacking a calculated or measured assay over 1000 ppb. The

objective here is to eliminate anomalies caused solely by the erratic clustering of fine background gold grains in the till. Unless the anomalies possess other properties of dispersal trains, they are generally not significant. This is especially true if the gold grains are reshaped, as we have never succeeded in tracing reshaped gold to a bedrock source. If, however, the gold grains are of pristine or modified morphology and occur in stratigraphically contiguous samples, the subanomalous heavy mineral assays could simply indicate that 1) the source has a low grade or narrow subcrop; 2) the samples were obtained from the margins of a dispersal train; or 3) only a small proportion of the gold in the till occurs in a heavy form (i.e. as visible gold or occluded in sulphides). None of the Blondel anomalies are of the weak, multi-grain type, reflecting the overall low visible gold background of the overburden in the survey area.

The second stage screening is very reliable because it is based on direct observation of gold grains. This screening has effectively eliminated four of the seven gold anomalies at the 100 percent confidence level. All of the eliminated anomalies lack stratigraphic continuity and thus were downgraded by the first-stage screening.

The third stage in the screening is used to determine the cause of anomalies occurring in concentrates that assayed over 1000 ppb and have measured:calculated assay ratios greater than 2.0. The three remaining Blondel anomalies are of this type. Such anomalies cannot be wholly accounted for by the gold grains, if any, observed during processing as long as the dimensions of these grains were measured correctly. They can be caused by any one of the following:

1) A nugget that was recovered but not sighted during processing;
2) A sighted nugget for which the actual thickness is more than twice as great as the assumed thickness (0.1 to 0.2 X diameter) used in the assay calculation;
3) A large number of missed fine gold grains;
4) Gold chemically or physically held (occluded) in pyrite, arsenopyrite or another heavy mineral grain or rock fragment;
5) Gold contamination that was introduced at the assay laboratory;
6) Laboratory error.

Unsighted nuggets normally account for about 80 percent of unexpectedly high assays, the thickness and laboratory factors for 10 to 20 percent, and fine gold and occluded gold for less than 10 percent. Only the fine gold and occluded gold anomalies are significant.

The third-stage screening involves a mineralogical investigation of the concentrate, principally by panning (Table 10), to determine the probable cause of the high assay. The three Blondel anomalies that could not be eliminated by second-stage screening all had very high measured:calculated assay ratios (> 240). A single visible gold grain was found in one of these during initial tabling but none were found in the other two; the samples were not panned.

Check panning produced one to three previously unobserved fine gold grains and/or nuggets in each of the three concentrates. In each case these grains alone are responsible for the analytical anomalies (recalculated assay ratios of 0.6 to 1.7). Two of the anomalies lack stratigraphic continuity and were thus downgraded by first-stage screening. They are not significant. The remaining anomaly, by chance, occurs in a basal sample, but also is not significant.

In summary, second and third stage screening, which are essentially 100 percent reliable, have shown that the seven Blondel heavy mineral gold anomalies are Group A nugget anomalies giving calculated assays compatible with the measured assays. Six of the anomalies were already downgraded in first stage screening by a lack of vertical stratigraphic continuity. The vertical continuity displayed by the other anomaly is coincidental.

6.3 Heavy Mineral Copper, Zinc, Nickel and Arsenic Geochemistry

The heavy mineral anomaly threshold for base metals and arsenic is 800 ppm. Of the 114 Blondel heavy mineral concentrates, a total of eight produced anomalies, one in each of nickel and arsenic and six in copper. Elevated background results approaching the anomaly threshold are also apparent. All except one of the anomalies occur in the south half of the property in the area underlain by volcanic rocks as opposed to the northerly granitoid and sedimentary environment.

Zinc values range from less than the 200 ppm detection limit (73 percent of samples) to 700 ppm with only three assays of greater than 400 ppm. Because of the high detection limit, it is believed that the elevated results are more a reflection of detection limit variations than true increased concentrations of zinc in the overburden. Similarly, elevated levels of nickel (ten assays greater than 400 but less than 1000 ppm; one assay exceeding 800 ppm) may result from detection limit variations although ultramafic volcanics said to occur on the property (H.E. Neal & Associates, 1987)

Hole No.	Sample No.	Meas. ppb Au	Initial Panning			Check Panning		
			V.G.	Calc. ppb Au	Meas.: Calc. Assay Ratio	V.G.	Calc. ppb Au	Meas.: Calc. Assay Ratio
84902	01	1,200	25 X 25 P	5	240	25 x 25 M 25 x 100 x 25 M 75 x 100 x 50 M	712	1.7
84917	01	66,900	0	0	--	800 x 975 x 325 R	121,613	0.6
84939	17	7,760	0	0	--	50 x 100 x 25 R 50 x 125 x 25 R 250 x 350 x 125 R	8,516	0.9

Table 10 – Third-Stage Screening Summary

typically have elevated nickel contents, often due to nickel in silicates, and may account for the elevated assays. Nickel-bearing steel from the drill bits and rods could also be a contributing factor.

Copper, the only element analyzed by atomic absorption (A.A.), produced results ranging from 90 to 3340 ppm, and averaging around 200 ppm. Of six values over 800 ppm, five are from short sample intervals directly above bedrock, suggesting that they represent bedrock contamination. Rock cuttings containing chalcopyrite were observed in four of the samples (Appendix G). The sixth anomaly is over the Orvilliers Batholith and lacks vertical continuity.

Background values for arsenic in overburden range from 31 to 200 ppm with only one assay exceeding the 800 ppm threshold (1200 ppm As in Sample 84923-01) and seven others exceeding 400 ppm. All these assays, with the exception of two in Hole 84939, are in holes drilled south of the Blondel Shear. The strong anomaly in Hole 84923 is not till hosted but occurs in an Ojibway II clay/silt sample. The anomalous sample rests on bedrock having weakly elevated arsenic (27 to 30 ppm), suggesting that the overburden anomaly is caused by heavy mineral upgrading of bedrock mineralization that contaminated the sample. This is confirmed by the presence in the sample of 40 percent fresh angular pyrite, a mineral that is uncommon in glaciolacustrine sediments and where present does not have a fresh angular appearance.

7. CONCLUSIONS AND RECOMMENDATIONS

The objectives of the Blondel reverse circulation drilling/heavy mineral geochemical sampling program were: 1) to delineate zones of intense bedrock deformation and/or suitable alteration that could host epigenetic gold mineralization, and 2) to test the overburden for dispersed mineralization indicative of subcropping gold mineralization associated with these zones.

With respect to the first objective, the drilling was partially successful. A previously unidentified shear zone informally named the Blondel Shear -- a probable splay of the South Discordance -- transects Abitibi volcanic rocks on the south half of the property. However, even in sheared and altered volcanics the gold and base metal content is uniformly non-anomalous except for 529 and 240 ppb gold in two of three basalt samples from Hole 84920 near the Blondel Shear. Pontiac-type turbidites and intrusive rocks of the Orvilliers Batholith that occur north of the South Discordance are non-anomalous, and only quartz diorite in Hole 84933 is sheared.

With respect to the second objective, the drilling was not successful. Till is largely derived from local bedrock and is ideally suited for geochemical sampling, although thin and locally discontinuous, but all seven of the heavy mineral gold anomalies obtained are nugget anomalies attributable to amplification of background concentrations of visible gold by the sampling procedure. No significant heavy mineral arsenic, copper or zinc anomalies were encountered. However, the highest base metal, arsenic and gold values are concentrated in the Abitibi Terrane south of the South Discordance, indicating that the till is sensitive to changes in bedrock geology. The gold anomaly reported by Tandem in their Hole 285 is north of the discordance but is too weak to be significant, and follow-up diamond drilling yielded negative results.

In light of the unfavourable geochemical results, follow-up exploration cannot be recommended. The Hole 84920 bedrock gold anomaly is a low priority diamond drill target but the Blondel Shear does not appear to be significantly enriched in gold. A possible future exploration target may be the South Discordance itself which appears to be confined to a bedrock depression that may be lined with southwesterly transported till rather than the south-southeasterly transported till that covers most of the property.

. . . . . .

8. CERTIFICATE – KENZIE A. MACNEIL

I, Kenzie A. MacNeil, residing at 2164 Blossom Drive, Ottawa, Ontario hereby certify as follows:

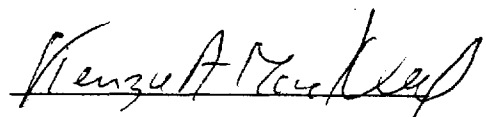
That I attended St. Francis Xavier University at Antigonish, Nova Scotia and graduated with a B.Sc. in Geology in 1978.

That I have worked continuously in the field of exploration geology since 1979.

That I am a consulting geologist employed by Overburden Drilling Management Limited, 107-15 Capella Court, Nepean, Ontario.

That this technical report is based on data gathered on the subject property and interpreted by myself and other employees of Overburden Drilling Management Ltd.

That I have no direct or indirect interest in INCO Exploration and Technical Services Inc.



Kenzie A. MacNeil, B.Sc.

Dated at Ottawa this 4th day of June, 1990

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APPENDIX A

REVERSE CIRCULATION DRILL HOLE LOGS

APPENDIX B

SAMPLE WEIGHTS – HEAVY MINERAL CIRCUIT

OVERBURDEN DRILLING MANAGEMENT LIMITED - LABORATORY SAMPLE LOG

ABBREVIATIONS

DATA LOG

Clast:

Size of Clast:

- G: Granules
- P: Pebbles
- C: Cobbles
- BL: Boulder Chips
- BK: Bedrock Chips

% Clast Composition:

- V/S: Volcanics and Sediments
- GR: Granitics
- LS: Limestone
- OT: Other Lithologies (Refer to Footnotes)
- TR: Only Trace Present
- NA: NOT APPLICABLE
- OX: Oxidized

Class:

- BLD: Boulder Chips
- BDK: Bedrock Chips

Matrix:

S/U: Sorted or Unsorted

SD:	Sand	Y:	Yes Fraction Present	F:	Fine
ST:	Silt	N:	Fraction Not Present	M:	Medium
CY:	Clay	L:	Lumps Present	C:	Coarse
OR:	Organics				

Colour:

- B: Beige
- GY: Grey
- GB: Grey Beige
- GN: Green
- GG: Grey Green
- BN: Brown
- BK: Black
- PP: Purple
- PK: Pink
- OC: Ochre
- DOC: Dark Ochre
- MOC: Medium Ochre
- LOC: Light Ochre

GOLD LOG

Number of Grains:

- T: Number Found on Shaking Table
- P: Number Found After Panning

Thickness:

- C: Calculated Thickness of Grain
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INBLIMAR.NR1 OVERBURDEN DRILLING MANAGEMENT LIMITED
TOTAL # OF SAMPLES IN THIS REPORT = 40

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)		M. I. CONC			CLAST				MATRIX							CLASS
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	MAG	SIZE	% V/S	% GR	% LS	% OT	S/U	SD	ST	CY	COLOR BD	COLOR CY	GR	
84900																					
901-01	5.0	2.0	7.0	225.6	192.2	33.4	16.7	16.7	C	60	40	NA	NA	U	Y	Y	Y	GB	GB	N	TILL
901-02	6.7	0.8	7.9	472.4	419.2	53.2	24.7	28.5	C	80	20	NA	NA	U	Y	Y	Y	GB	GB	N	TILL
901-03	7.9	0.4	7.5	237.9	219.4	18.5	10.5	8.0	C	100	TR	NA	SCL	U	Y	Y	Y	GB	GB	N	TILL
901-04	5.1	1.7	6.4	155.9	141.8	14.1	7.9	6.2	C	100	TR	NA	SCL	U	Y	Y	Y	GB	GB	N	TILL
902-01	3.2	0.5	2.7	171.6	163.3	8.3	5.1	3.2	C	95	5	TR	NA	U	Y	Y	Y	GN	GN	N	TILL
903-01	6.9	0.3	6.6	252.3	230.6	21.7	12.3	9.4	C	70	30	NA	NA	U	Y	Y	Y	GY	GY	N	TILL
904-01	5.8	0.8	5.0	224.2	198.4	25.8	13.3	12.5	C	70	30	NA	NA	U	Y	Y	Y	GY	GY	N	TILL
905-01	5.7	1.2	4.5	142.5	119.4	23.1	12.3	10.8	C	70	30	NA	NA	U	Y	Y	Y	GB	GB	N	TILL
905-02	5.7	1.9	3.8	103.2	83.2	20.0	11.2	8.8	C	60	40	NA	NA	U	Y	Y	Y	GB	GB	N	TILL
906-01	9.4	0.1	9.3	150.3	125.1	25.2	16.0	12.2	TR	NA	NA	NA	SCL	S	FM	Y	N	B	NA	N	SAND
906-02	2.4	0.1	2.3	72.5	62.9	9.6	5.6	4.0	C	60	40	NA	SCL	S	F	Y	N	B	NA	N	SAND
906-03	2.5	0.2	2.3	99.1	92.6	6.5	4.1	2.4	C	80	20	NA	NA	U	Y	Y	Y	GB	GB	N	TILL
907-01	7.4	0.1	7.3	168.8	137.6	31.2	19.2	12.0	TR	NA	NA	NA	SCL	S	F	Y	N	B	NA	N	SAND
907-02	9.8	1.3	7.5	206.4	177.2	29.2	15.6	13.6	C	70	30	NA	NA	U	Y	Y	Y	GB	GB	N	TILL
907-03	8.7	1.0	7.7	159.2	128.5	30.7	14.8	15.9	C	70	30	NA	SCL	U	Y	Y	Y	GY	GY	N	TILL
907-04	8.2	1.3	6.9	228.5	189.5	39.0	19.2	19.8	C	70	30	NA	NA	U	Y	Y	Y	GB	GB	N	TILL
907-05	8.3	0.8	7.5	156.9	120.3	36.6	19.9	16.7	C	95	5	NA	NA	U	Y	Y	Y	GB	GB	N	TILL
907-06	3.0	0.1	2.9	156.5	144.4	14.1	7.6	6.5	C	95	5	NA	NA	U	Y	Y	Y	GB	GB	N	TILL/BLDR.
907-07	8.4	0.4	8.0	167.7	153.1	14.6	10.5	4.1	C	100	TR	NA	NA	U	Y	Y	Y	GN	GB	N	TILL
908-01	8.4	1.0	7.4	152.8	113.0	34.8	18.8	16.0	C	40	TR	NA	NA	U	Y	Y	Y	B	B	N	TILL
908-02	8.6	0.9	7.7	140.3	108.3	32.0	16.3	15.7	C	60	40	NA	NA	U	Y	Y	Y	B	B	N	TILL
908-03	6.2	0.2	6.0	94.9	72.9	22.0	12.5	9.5	C	60	40	NA	NA	S	Y	Y	Y	B	NA	N	SAND
908-04	7.6	0.6	7.0	93.9	71.2	27.7	14.8	12.9	C	60	40	NA	NA	U	Y	Y	Y	B	GB	N	TILL
908-05	8.3	0.8	7.5	146.7	116.5	30.2	15.6	14.6	C	60	40	NA	NA	U	Y	Y	Y	B	GB	N	TILL
908-06	6.4	0.7	5.7	120.8	104.2	19.6	9.7	9.9	C	60	40	NA	NA	U	Y	Y	Y	B	GB	N	TILL
908-07	7.4	0.1	7.3	196.7	174.0	16.7	9.6	7.1	C	60	40	NA	NA	U	Y	Y	Y	GY	GY	N	TILL
909-01	8.4	1.0	7.4	139.6	161.6	28.0	14.7	13.3	C	70	30	NA	NA	U	Y	Y	Y	B	GB	N	TILL
909-02	5.2	0.8	4.4	154.2	134.3	19.9	10.2	9.7	C	70	30	NA	NA	U	Y	Y	Y	B	B	N	TILL
909-02B	6.1	0.9	5.2	134.0	129.6	10.4	6.7	6.7	C	70	30	NA	NA	U	Y	Y	Y	GY	GY	N	TILL
910-01	1.6	0.4	1.2	125.6	111.3	14.3	12.4	1.9	C	60	40	NA	NA	U	Y	Y	Y	GB	GB	N	TILL/BLDR.
911-01	7.8	1.0	6.8	192.6	159.1	33.5	18.8	14.7	C	70	30	NA	NA	U	Y	Y	Y	GB	GB	N	TILL
912-01	8.7	0.8	7.9	174.5	135.1	39.4	22.2	17.2	C	70	30	NA	NA	U	Y	Y	Y	B	GB	N	TILL
912-02	8.5	1.1	7.4	147.6	116.1	31.7	18.2	13.5	C	80	20	NA	NA	U	Y	Y	Y	GB	GB	N	TILL
913-01	8.4	1.1	7.3	179.1	140.2	38.9	22.9	16.0	C	80	20	NA	NA	U	Y	Y	Y	B	GY	N	TILL
913-02	8.6	1.2	7.4	156.8	115.4	41.4	25.2	16.2	C	70	30	NA	NA	U	Y	Y	Y	B	GY	N	TILL
913-03	8.5	1.3	7.2	203.7	165.6	38.1	22.1	16.0	C	70	30	NA	NA	U	Y	Y	Y	B	GY	N	TILL
913-04	8.1	0.6	7.5	398.6	363.8	34.8	19.6	15.2	C	60	40	NA	NA	U	Y	Y	Y	GB	GB	N	TILL
913-05	7.5	1.2	6.3	298.9	271.5	27.4	14.4	13.0	C	60	40	NA	NA	U	Y	Y	Y	GB	GB	N	TILL
913-06	8.7	1.3	7.4	265.6	245.8	16.8	8.1	8.7	C	60	40	NA	NA	U	Y	Y	Y	GB	GB	N	TILL
913-07	8.7	1.2	7.5	282.1	256.0	26.1	12.1	14.0	C	70	30	NA	NA	U	Y	Y	Y	GB	GB	N	TILL

0.0 = 0.1

INBLIMAR.WR1 OVERBURDEN DRILLING MANAGEMENT LIMITED

TOTAL # OF SAMPLES IN THIS REPORT = 40

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)					DESCRIPTION												CLASS
						M. I. CONC			CLAST					MATRIX							
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	MAG	SIZE	% V/S	% GR	% LS	% OT	S/U	SD	ST	CY	COLOR SD	COLOR CY	OR	
B4900																					
901-01	9.0	2.0	7.0	225.6	192.2	33.4	16.7	16.7	C	60	40	NA	NA	U	Y	Y	Y	GG	GG	N	TILL
901-02	8.7	0.8	7.9	472.4	419.2	53.2	24.7	28.5	C	80	20	NA	NA	U	Y	Y	Y	GG	GG	N	TILL
901-03	7.9	0.4	7.5	227.9	219.4	18.5	10.5	8.0	C	100	TR	NA	BDL	U	Y	Y	Y	GG	GG	N	TILL
901-04	8.1	1.7	6.4	155.9	141.8	14.1	7.9	6.2	C	100	TR	NA	BDL	U	Y	Y	Y	GG	GG	N	TILL
902-01	3.2	0.5	2.7	171.6	163.3	8.3	5.1	3.2	C	95	5	TR	NA	U	Y	Y	Y	GN	GN	N	TILL
903-01	6.9	0.3	6.6	252.3	230.6	21.7	12.3	9.4	C	70	30	NA	NA	U	Y	Y	Y	GY	GY	N	TILL
904-01	5.8	0.8	5.0	224.2	198.4	25.8	13.3	12.5	C	70	30	NA	NA	U	Y	Y	Y	GY	GY	N	TILL
905-01	5.7	1.2	4.5	142.5	119.4	23.1	12.3	10.8	C	70	30	NA	NA	U	Y	Y	Y	GB	GB	N	TILL
905-02	5.7	1.9	3.8	103.2	83.2	20.0	11.2	8.8	C	60	40	NA	NA	U	Y	Y	Y	GB	GB	N	TILL
906-01	5.4	0.1	5.3	133.3	125.1	28.2	16.0	12.2	TR	NA	NA	NA	BDL	S	FM	Y	N	B	NA	N	SAND
906-02	2.4	0.1	2.3	72.5	62.9	9.6	5.6	4.0	C	60	40	NA	BDL	S	F	Y	N	B	NA	N	SAND
906-03	2.5	0.2	2.3	99.1	92.6	6.5	4.1	2.4	C	80	20	NA	NA	U	Y	Y	Y	GB	GB	N	TILL
907-01	7.4	0.1	7.3	168.9	137.6	31.2	19.2	12.0	TR	NA	NA	NA	BDL	S	F	Y	N	B	NA	N	SAND
907-02	8.8	1.7	7.5	206.4	177.2	29.2	15.6	13.6	C	70	30	NA	NA	U	Y	Y	Y	GB	GB	N	TILL
907-03	8.7	1.0	7.7	159.2	128.5	30.7	14.8	15.9	C	70	30	NA	BDL	U	Y	Y	Y	GY	GY	N	TILL
907-04	8.2	1.3	6.9	225.5	189.5	39.0	19.2	19.8	C	70	30	NA	NA	U	Y	Y	Y	GB	GB	N	TILL
907-05	8.3	0.8	7.5	152.9	120.3	36.6	19.9	16.7	C	95	5	NA	NA	U	Y	Y	Y	GB	GB	N	TILL
907-06	3.0	0.1	2.9	158.5	144.4	14.1	7.6	6.5	C	95	5	NA	NA	U	Y	Y	Y	GB	GB	N	TILL/BLDR.
907-07	8.4	0.4	8.0	167.7	153.1	14.6	10.5	4.1	C	100	TR	NA	NA	U	Y	Y	Y	GN	GB	N	TILL
908-01	8.4	1.0	7.4	132.8	118.0	34.5	18.8	16.0	C	40	TR	NA	NA	U	Y	Y	Y	B	B	N	TILL
908-02	8.8	0.9	7.7	140.3	106.3	32.0	16.3	15.7	C	60	40	NA	NA	U	Y	Y	Y	B	B	N	TILL
908-03	8.2	0.2	8.0	94.9	72.9	22.0	12.5	9.5	C	60	40	NA	NA	S	Y	Y	Y	B	NA	N	SAND
908-04	7.6	0.8	7.0	98.9	71.2	27.7	14.8	12.9	C	60	40	NA	NA	U	Y	Y	Y	B	BB	N	TILL
908-05	8.3	0.9	7.5	145.7	116.5	30.2	15.6	14.6	C	60	40	NA	NA	U	Y	Y	Y	B	BB	N	TILL
908-06	6.4	0.7	5.7	123.8	104.2	19.6	9.7	9.9	C	60	40	NA	NA	U	Y	Y	Y	B	GB	N	TILL
909-07	7.4	0.1	7.3	190.7	174.0	16.7	9.6	7.1	C	60	40	NA	NA	U	Y	Y	Y	GY	GY	N	TILL
909-01	8.4	1.0	7.4	189.6	161.6	28.0	14.7	13.3	C	70	30	NA	NA	U	Y	Y	Y	B	GB	N	TILL
909-02	5.2	0.8	4.4	154.2	134.3	19.9	10.2	9.7	C	70	30	NA	NA	U	Y	Y	Y	B	B	N	TILL
909-023	6.1	0.9	5.2	134.0	120.6	13.4	6.7	6.7	C	70	30	NA	NA	U	Y	Y	Y	GY	GY	N	TILL
910-01	1.6	0.4	1.2	125.6	111.3	14.3	12.4	1.9	C	60	40	NA	NA	U	Y	Y	Y	BB	BB	N	TILL/BLDR.
911-01	7.8	1.0	6.8	192.6	159.1	33.5	18.8	14.7	C	70	30	NA	NA	U	Y	Y	Y	GB	BB	N	TILL
912-01	9.7	0.8	7.9	174.5	135.1	39.4	22.2	17.2	C	70	30	NA	NA	U	Y	Y	Y	B	BB	N	TILL
912-02	8.5	1.1	7.4	147.8	116.1	31.7	18.2	13.5	C	80	20	NA	NA	U	Y	Y	Y	GB	BB	N	TILL
913-01	8.4	1.1	7.3	179.1	140.2	38.9	22.9	16.0	C	80	20	NA	NA	U	Y	Y	Y	B	GY	N	TILL
913-02	8.6	1.2	7.4	156.8	115.4	41.4	25.2	16.2	C	70	30	NA	NA	U	Y	Y	Y	B	GY	N	TILL
913-03	8.5	1.3	7.2	203.7	165.6	38.1	22.1	16.0	C	70	30	NA	NA	U	Y	Y	Y	B	GY	N	TILL
913-04	8.1	0.6	7.5	398.6	363.8	34.8	19.6	15.2	C	60	40	NA	NA	U	Y	Y	Y	GB	BB	N	TILL
913-05	7.5	1.2	6.3	298.9	271.5	27.4	14.4	13.0	C	60	40	NA	NA	U	Y	Y	Y	GB	BB	N	TILL
913-06	8.7	1.3	7.4	265.6	243.8	16.8	8.1	8.7	C	60	40	NA	NA	U	Y	Y	Y	BB	GB	N	TILL
913-07	8.7	1.2	7.5	282.1	256.0	26.1	12.1	14.0	C	70	30	NA	NA	U	Y	Y	Y	GB	BB	N	TILL

INBLIMAR.WR1 OVERBURDEN DRILLING MANAGEMENT LIMITED

TOTAL # OF SAMPLES IN THIS REPORT = 40

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)					DESCRIPTION												CLASS
						M. I. CONC			CLAST					MATRIX							
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	MAG	SIZE	% V/S	% GR	% LS	% OT	S/U	SD	ST	CY	COLOR SD	COLOR CY	GR	
84900																					
901-01	9.0	2.0	7.0	225.6	192.2	33.4	16.7	16.7	C	60	40	NA	NA	U	Y	Y	Y	GG	GG	N	TILL
901-02	8.7	0.8	7.9	472.4	419.2	53.2	24.7	28.5	C	80	20	NA	NA	U	Y	Y	Y	GG	GG	N	TILL
901-03	7.9	0.4	7.5	227.9	219.4	18.5	10.5	8.0	C	100	TR	NA	GCL	U	Y	Y	Y	GG	GG	N	TILL
901-04	8.1	1.7	6.4	155.9	141.8	14.1	7.9	6.2	C	100	TR	NA	GCL	U	Y	Y	Y	GG	GG	N	TILL
902-01	3.2	0.5	2.7	171.6	163.3	8.3	5.1	3.2	C	95	5	TR	NA	U	Y	Y	Y	GN	GN	N	TILL
903-01	6.9	0.3	6.6	253.3	230.6	21.7	12.3	9.4	C	70	30	NA	NA	U	Y	Y	Y	GY	GY	N	TILL
904-01	5.8	0.9	5.0	224.2	198.4	25.8	13.3	12.5	C	70	30	NA	NA	U	Y	Y	Y	GY	GY	N	TILL
905-01	5.7	1.2	4.5	142.5	119.4	23.1	12.3	10.8	C	70	30	NA	NA	U	Y	Y	Y	GG	GG	N	TILL
905-02	5.7	1.9	3.8	103.2	83.2	20.0	11.2	8.8	C	60	40	NA	NA	U	Y	Y	Y	GG	GG	N	TILL
906-01	8.4	0.1	8.3	150.3	125.1	29.2	16.0	13.2	TR	NA	NA	NA	GCL	S	FM	Y	N	B	NA	N	SAND
906-02	2.4	0.1	2.3	72.8	62.9	9.6	5.6	4.0	C	60	40	NA	GCL	S	F	Y	N	B	NA	N	SAND
906-03	2.5	0.2	2.3	99.1	92.6	6.5	4.1	2.4	C	80	20	NA	NA	U	Y	Y	Y	GG	GG	N	TILL
907-01	7.4	0.1	7.3	168.8	137.6	31.2	19.2	12.0	TR	NA	NA	NA	GCL	S	F	Y	N	B	NA	N	SAND
907-02	8.5	1.7	7.8	206.4	177.2	29.2	15.6	13.6	C	70	30	NA	NA	U	Y	Y	Y	GG	GG	N	TILL
907-03	8.7	1.0	7.7	159.2	128.5	30.7	14.8	15.9	C	70	30	NA	GCL	U	Y	Y	Y	GY	GY	N	TILL
907-04	8.2	1.3	6.9	223.5	184.5	39.0	19.2	19.8	C	70	30	NA	NA	U	Y	Y	Y	GG	GG	N	TILL
907-05	8.3	0.8	7.5	156.9	120.3	36.6	19.9	16.7	C	95	5	NA	NA	U	Y	Y	Y	GG	GG	N	TILL
907-06	3.0	0.1	2.9	155.5	144.4	14.1	7.6	6.5	C	95	5	NA	NA	U	Y	Y	Y	GG	GG	N	TILL/ELDR.
907-07	8.4	0.4	8.0	167.7	153.1	14.6	10.5	4.1	C	100	TR	NA	NA	U	Y	Y	Y	GY	GG	N	TILL
908-01	8.4	1.0	7.4	152.8	118.0	34.8	19.8	15.0	C	40	TR	NA	NA	U	Y	Y	Y	G	G	N	TILL
908-02	8.6	0.9	7.7	140.3	108.7	32.0	16.3	15.7	C	60	40	NA	NA	U	Y	Y	Y	G	G	N	TILL
908-03	6.3	0.2	6.0	94.9	72.9	22.0	12.5	9.5	C	60	40	NA	NA	S	Y	Y	Y	G	NA	N	SAND
908-04	7.6	0.6	7.0	98.9	71.2	27.7	14.8	12.9	C	60	40	NA	NA	U	Y	Y	Y	G	GG	N	TILL
908-05	8.3	0.8	7.5	145.7	116.5	30.2	15.6	14.6	C	60	40	NA	NA	U	Y	Y	Y	G	GG	N	TILL
908-06	6.4	0.7	5.7	122.8	104.2	19.6	9.7	9.9	C	60	40	NA	NA	U	Y	Y	Y	G	GG	N	TILL
908-07	7.4	0.1	7.3	190.7	174.0	16.7	9.6	7.1	C	80	40	NA	NA	U	Y	Y	Y	GY	GY	N	TILL
909-01	8.4	1.0	7.4	189.6	161.6	28.0	14.7	13.3	C	70	30	NA	NA	U	Y	Y	Y	G	GG	N	TILL
909-02	8.2	0.8	7.4	154.2	134.3	19.9	10.2	9.7	C	70	30	NA	NA	U	Y	Y	Y	G	G	N	TILL
909-02B	6.1	0.9	5.2	134.0	120.6	13.4	6.7	6.7	C	70	30	NA	NA	U	Y	Y	Y	GY	GY	N	TILL
910-01	1.6	0.4	1.2	125.6	111.3	14.3	12.4	1.9	C	60	40	NA	NA	U	Y	Y	Y	GG	GG	N	TILL/ELDR.
911-01	7.8	1.0	6.8	192.6	159.1	33.5	18.8	14.7	C	70	30	NA	NA	U	Y	Y	Y	GG	GG	N	TILL
912-01	8.7	0.8	7.9	174.5	135.1	39.4	22.2	17.2	C	70	30	NA	NA	U	Y	Y	Y	G	GG	N	TILL
912-02	8.5	1.1	7.4	147.9	116.1	31.7	18.2	13.5	C	80	20	NA	NA	U	Y	Y	Y	GG	GG	N	TILL
913-01	8.4	1.1	7.3	179.1	140.2	38.9	22.9	16.0	C	80	20	NA	NA	U	Y	Y	Y	G	GY	N	TILL
913-02	8.6	1.2	7.4	156.8	115.4	41.4	25.2	16.2	C	70	30	NA	NA	U	Y	Y	Y	G	GY	N	TILL
913-03	8.5	1.3	7.2	200.7	165.6	35.1	22.1	13.0	C	70	30	NA	NA	L	Y	Y	Y	G	GY	N	TILL
913-04	8.1	0.6	7.5	398.6	363.8	34.8	19.6	15.2	C	60	40	NA	NA	U	Y	Y	Y	GG	GG	N	TILL
913-05	7.5	1.2	6.3	298.9	271.5	27.4	14.4	13.0	C	60	40	NA	NA	U	Y	Y	Y	GG	GG	N	TILL
913-06	8.7	1.3	7.4	265.6	248.8	16.8	8.1	8.7	C	60	40	NA	NA	U	Y	Y	Y	GG	GG	N	TILL
913-07	8.7	1.2	7.5	282.1	256.0	26.1	12.1	14.0	C	70	30	NA	NA	U	Y	Y	Y	GG	GG	N	TILL

0.0 = 0.1

INBLIMAR.WR1 OVERBURDEN DRILLING MANAGEMENT LIMITED
TOTAL # OF SAMPLES IN THIS REPORT = 40

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)					DESCRIPTION												CLASS
						M. I. CONC			CLAST					MATRIX							
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	MAG	SIZE	% V/S	% BR	% LS	% OT	S/U	SD	ST	CY	COLOR SD	COLOR CY	GR	
B490																					
901-01	9.6	2.0	7.6	225.6	192.2	33.4	16.7	16.7	C	60	40	NA	NA	U	Y	Y	Y	GG	GG	N	TILL
901-02	8.7	0.8	7.9	472.4	419.2	53.2	24.7	28.5	C	80	20	NA	NA	U	Y	Y	Y	GG	GG	N	TILL
901-03	7.9	0.4	7.5	237.9	219.4	18.5	10.5	8.0	C	100	TR	NA	GCL	U	Y	Y	Y	GG	GG	N	TILL
901-04	8.1	1.7	6.4	155.9	141.8	14.1	7.9	6.2	C	100	TR	NA	GCL	U	Y	Y	Y	GG	GG	N	TILL
902-01	3.2	0.5	2.7	171.6	163.3	8.3	5.1	3.2	C	95	5	TR	NA	U	Y	Y	Y	GN	GN	N	TILL
903-01	6.9	0.3	6.6	252.3	230.6	21.7	12.3	9.4	C	70	30	NA	NA	U	Y	Y	Y	GY	GY	N	TILL
904-01	5.8	0.8	5.0	224.2	198.4	25.8	13.3	12.5	C	70	30	NA	NA	U	Y	Y	Y	GY	GY	N	TILL
905-01	5.7	1.2	4.5	142.8	119.4	23.1	12.3	10.8	C	70	30	NA	NA	U	Y	Y	Y	GG	GG	N	TILL
905-02	5.7	1.9	3.8	103.2	83.2	20.0	11.2	8.8	C	60	40	NA	NA	U	Y	Y	Y	GG	GG	N	TILL
906-01	8.4	0.1	8.3	130.3	125.1	29.2	16.0	12.2	TR	NA	NA	NA	GCL	S	FM	Y	N	B	NA	N	SAND
906-02	2.4	0.1	2.3	72.5	62.9	9.6	5.6	4.0	C	60	40	NA	GCL	S	F	Y	N	B	NA	N	SAND
906-03	2.5	0.2	2.3	99.1	92.6	6.5	4.1	2.4	C	80	20	NA	NA	U	Y	Y	Y	GG	GG	N	TILL
907-01	7.4	0.1	7.3	168.8	137.6	31.2	19.2	12.0	TR	NA	NA	NA	GCL	S	F	Y	N	B	NA	N	SAND
907-02	8.3	1.0	7.3	206.4	177.2	29.2	15.6	13.6	C	70	30	NA	NA	U	Y	Y	Y	GG	GG	N	TILL
907-03	8.7	1.0	7.7	159.2	128.5	30.7	14.8	15.9	C	70	30	NA	GCL	U	Y	Y	Y	GY	GY	N	TILL
907-04	8.8	1.9	6.9	228.5	189.5	39.0	19.2	19.8	C	70	30	NA	NA	U	Y	Y	Y	GG	GG	N	TILL
907-05	8.3	0.8	7.5	156.9	120.3	36.6	19.9	16.7	C	95	5	NA	NA	U	Y	Y	Y	GG	GG	N	TILL
907-06	3.0	0.1	2.9	155.5	144.4	14.1	7.6	6.5	C	95	5	NA	NA	U	Y	Y	Y	GG	GG	N	TILL/BLDR.
907-07	8.4	0.4	8.0	167.7	153.1	14.6	10.5	4.1	C	100	TR	NA	NA	U	Y	Y	Y	GN	GG	N	TILL
908-01	8.4	1.0	7.4	152.8	113.0	39.8	18.8	16.0	C	40	TR	NA	NA	U	Y	Y	Y	B	B	N	TILL
908-02	8.6	0.9	7.7	140.3	108.3	32.0	16.3	15.7	C	60	40	NA	NA	U	Y	Y	Y	B	B	N	TILL
908-03	8.2	0.2	8.0	94.9	72.9	22.0	12.5	9.5	C	60	40	NA	NA	S	Y	Y	Y	B	NA	N	SAND
908-04	7.9	0.9	7.0	98.9	71.2	27.7	14.8	12.9	C	60	40	NA	NA	U	Y	Y	Y	B	GG	N	TILL
908-05	8.3	0.8	7.5	146.7	116.5	30.2	15.6	14.6	C	60	40	NA	NA	U	Y	Y	Y	B	GG	N	TILL
908-06	8.4	0.7	7.7	123.8	104.2	19.6	9.7	9.9	C	60	40	NA	NA	U	Y	Y	Y	B	GG	N	TILL
909-07	7.4	0.1	7.3	190.7	174.0	16.7	9.6	7.1	C	60	40	NA	NA	U	Y	Y	Y	GY	GY	N	TILL
909-01	8.4	1.0	7.4	139.6	161.6	28.0	14.7	13.3	C	70	30	NA	NA	U	Y	Y	Y	B	GG	N	TILL
909-02	5.2	0.8	4.4	184.2	174.3	19.9	10.2	9.7	C	70	30	NA	NA	U	Y	Y	Y	B	B	N	TILL
909-003	8.1	0.9	8.2	134.0	120.6	13.4	6.7	6.7	C	70	30	NA	NA	U	Y	Y	Y	GY	GY	N	TILL
910-01	1.3	0.4	1.2	125.8	111.3	14.3	12.4	1.9	C	60	40	NA	NA	U	Y	Y	Y	GG	GG	N	TILL/BLDR.
911-01	7.8	1.0	6.8	192.6	159.1	33.5	18.8	14.7	C	70	30	NA	NA	U	Y	Y	Y	GG	GG	N	TILL
912-01	8.7	0.8	7.9	174.5	135.1	39.4	22.2	17.2	C	70	30	NA	NA	U	Y	Y	Y	B	GG	N	TILL
912-02	8.5	1.1	7.4	147.5	116.1	31.7	18.2	13.5	C	80	20	NA	NA	U	Y	Y	Y	GG	GG	N	TILL
913-01	8.4	1.1	7.3	179.1	140.2	38.9	22.9	16.0	C	80	20	NA	NA	U	Y	Y	Y	B	GY	N	TILL
913-02	8.6	1.2	7.4	156.8	115.4	41.4	25.2	16.2	C	70	30	NA	NA	U	Y	Y	Y	B	GY	N	TILL
913-03	8.5	1.3	7.2	203.7	165.6	38.1	22.1	16.0	C	70	30	NA	NA	L	Y	Y	Y	B	GY	N	TILL
913-04	8.1	0.6	7.5	399.6	360.8	34.8	19.6	15.2	C	60	40	NA	NA	U	Y	Y	Y	GG	GG	N	TILL
913-05	7.5	1.2	6.3	298.9	271.5	27.4	14.4	13.0	C	60	40	NA	NA	U	Y	Y	Y	GG	GG	N	TILL
913-06	8.7	1.3	7.4	265.6	245.8	18.8	8.1	8.7	C	60	40	NA	NA	U	Y	Y	Y	GG	GG	N	TILL
913-07	8.7	1.2	7.5	282.1	256.0	26.1	12.1	14.0	C	70	30	NA	NA	L	Y	Y	Y	GG	GG	N	TILL

0.0 = <0.1

INBL1APR.WR1 OVERBURDEN DRILLING MANAGEMENT LIMITED
TOTAL # OF SAMPLES IN THIS REPORT = 40

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)					DESCRIPTION												CLASS
						M. I. CONC			CLAST					MATRIX							
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	MAG	SIZE	% V/S	% GR	% LS	% OT	S/U	SD	ST	CY	COLOR SD	COLOR CY	OR	
84900																					
913-08	7.3	0.7	6.6	133.5	111.8	21.7	10.7	11.0	C	60	40	TR	NA	U	Y	Y	Y	GB	GB	N	TILL
913-09	6.3	0.5	5.8	164.3	142.8	21.5	10.5	11.0	C	65	35	0	NA	U	Y	Y	Y	GB	GB	N	TILL
913-10	7.1	0.8	6.3	119.7	98.7	21.0	10.8	10.2	C	85	15	0	NA	U	Y	Y	Y	GB	GB	N	TILL
914-01	6.9	1.0	5.9	143.1	112.8	30.3	15.6	14.7	C	60	40	TR	NA	U	Y	Y	Y	GB	GB	N	TILL
915-01	2.3	0.2	2.1	103.1	92.3	10.8	5.9	4.9	C	70	30	TR	NA	U	Y	Y	Y	GB	GB	N	TILL
916-01	8.3	0.7	7.6	190.1	147.7	32.4	16.6	15.8	C	65	35	TR	NA	U	Y	Y	Y	GB	GB	N	TILL
916-02	8.2	0.8	7.4	163.0	134.9	28.1	14.2	13.9	C	80	20	TR	NA	U	Y	Y	Y	GB	GB	N	TILL
916-03	7.9	0.7	7.2	134.3	111.7	22.6	12.0	10.6	C	98	2	0	NA	U	Y	Y	Y	GB	GB	N	TILL
916-04	4.1	0.5	3.6	98.4	86.7	11.7	6.3	5.4	C	98	2	0	NA	U	Y	Y	Y	GB	GB	N	TILL
917-01	9.0	1.6	7.4	160.2	128.1	32.1	15.8	16.3	C	70	30	TR	NA	U	Y	Y	Y	GB	GB	N	TILL
917-02	7.9	1.3	6.6	160.7	132.5	28.2	13.5	14.7	C	70	30	NA	NA	U	Y	Y	Y	B	B	N	TILL
918-01	8.6	0.9	7.7	138.5	104.6	33.9	16.2	17.7	C	60	40	TR	NA	U	Y	Y	Y	B	B	N	TILL
918-02	8.5	0.7	7.8	155.7	112.9	42.8	18.6	24.2	C	60	40	TR	NA	U	Y	Y	Y	GB	GB	N	TILL
918-03	8.7	0.7	8.0	165.3	134.9	30.4	14.3	16.1	C	70	30	0	NA	U	Y	Y	Y	GB	B	N	TILL
918-04	7.0	0.5	6.5	133.5	109.5	24.0	12.7	11.3	C	70	30	0	GCL	U	Y	Y	Y	GB	GB	N	TILL
918-05	8.6	0.7	8.0	166.7	142.4	24.3	12.1	12.2	C	90	10	0	GCL	U	Y	Y	Y	GB	GB	N	TILL
918-06	7.8	0.8	7.0	165.8	164.2	21.6	9.8	11.8	C	95	5	0	GCL	U	Y	Y	Y	GB	GB	N	TILL
918-07	7.6	0.7	6.9	150.2	123.5	26.7	14.5	12.2	C	95	5	TR	GCL	U	Y	Y	Y	GB	GB	N	TILL
919-01	6.7	0.8	5.9	219.2	192.4	26.8	14.0	12.8	C	65	35	TR	NA	U	Y	Y	Y	GB	GB	N	TILL
919-02	8.1	0.9	7.2	251.4	223.6	27.8	13.9	13.9	C	65	35	0	NA	U	Y	Y	Y	GB	GB	N	TILL
920-01	6.8	1.3	5.5	218.2	190.9	27.3	13.8	13.5	C	65	35	TR	NA	U	Y	Y	Y	GB	GB	N	TILL
920-02	7.8	0.7	7.1	282.4	263.3	19.1	14.0	5.1	C	65	35	0	NA	U	Y	Y	Y	GB	GGB	N	TILL
920-03	8.5	0.8	7.7	302.2	259.1	43.1	20.9	22.2	C	60	40	0	NA	U	Y	Y	Y	GB	GGB	N	TILL
920-04	8.8	0.8	8.0	192.1	169.5	22.6	11.3	11.3	C	80	20	0	NA	U	Y	Y	Y	GB	GB	N	TILL
920-05	8.0	1.1	6.9	248.3	219.5	28.8	14.2	14.6	C	70	30	0	NA	U	Y	Y	Y	GB	GB	N	TILL
922-01	7.0	0.6	6.4	261.9	237.5	24.4	12.5	11.9	C	60	40	0	NA	U	Y	Y	Y	GB	GB	N	TILL
922-02	7.8	0.6	7.2	285.8	254.1	31.7	16.4	15.3	C	70	30	0	NA	U	Y	Y	Y	GB	GB	N	TILL
923-01	3.0	0.1	2.9	100.5	91.8	8.7	5.8	2.9	C	100	0	0	NA	U	Y	Y	Y	BN	BN	N	TILL
924-01	8.2	1.0	7.2	278.5	246.6	31.9	16.6	15.3	C	60	40	0	NA	U	Y	Y	Y	GB	GB	N	TILL
924-02	8.4	0.7	7.7	218.6	192.2	26.4	14.3	12.1	C	70	30	0	NA	U	Y	Y	Y	GB	GB	N	TILL
924-03	3.4	0.3	3.1	133.8	122.9	10.9	5.2	5.7	C	60	40	0	NA	U	Y	Y	Y	GN	GN	N	TILL
925-01	5.9	2.2	3.7	216.0	209.7	8.3	4.2	4.1	C	60	40	TR	NA	U	Y	Y	Y	GN	GB	N	TILL
926-01	6.0	0.7	5.3	209.8	188.5	21.3	11.2	10.1	C	70	30	0	NA	U	Y	Y	Y	GB	GB	N	TILL
926A-01	8.8	1.0	7.8	414.9	381.2	33.7	16.9	16.8	C	70	30	0	NA	U	Y	Y	Y	GB	GB	N	TILL
926A-02	8.4	1.2	7.2	116.6	86.6	30.0	15.3	14.7	C	60	40	0	NA	U	Y	Y	Y	GB	GB	N	TILL
926A-03	3.6	0.6	3.0	149.8	134.5	15.3	7.9	7.4	C	70	30	0	NA	U	Y	Y	Y	GB	GB	N	TILL
927-01	8.0	1.7	6.3	237.4	205.3	32.1	15.4	16.7	C	65	35	0	NA	U	Y	Y	Y	GB	GB	N	TILL
927-02	9.0	1.2	7.8	152.2	113.1	39.1	19.6	19.5	C	75	25	0	NA	U	Y	Y	Y	GY	GY	N	TILL
929-01	7.9	0.9	7.0	169.0	138.4	30.6	15.7	14.9	C	65	35	0	NA	U	Y	Y	Y	GB	GB	N	TILL
930-01	8.8	1.2	7.6	268.4	229.6	38.8	18.2	21.6	C	65	35	0	NA	U	Y	Y	Y	GB	GB	N	TILL

1.0 = 40.1

INBL1APR.WR1 OVERBURDEN DRILLING MANAGEMENT LIMITED
TOTAL # OF SAMPLES IN THIS REPORT = 40

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)					DESCRIPTION												CLASS
						M. I. CONC			CLAST					MATRIX							
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	MAG	SIZE	% V/S	% GR	% LS	% OT	S/U	SD	ST	CY	COLOR SD	COLOR CY	OR	
B4900																					
913-08	7.3	0.7	6.6	133.5	111.8	21.7	10.7	11.0	C	60	40	TR	NA	U	Y	Y	Y	GB	GB	N	TILL
913-09	6.3	0.5	5.8	164.3	142.8	21.5	10.5	11.0	C	65	35	0	NA	U	Y	Y	Y	GB	GB	N	TILL
913-10	7.1	0.8	6.3	119.7	98.7	21.0	10.8	10.2	C	85	15	0	NA	U	Y	Y	Y	GB	GB	N	TILL
914-01	6.9	1.0	5.9	143.1	112.8	30.3	15.6	14.7	C	60	40	TR	NA	U	Y	Y	Y	GB	GB	N	TILL
915-01	2.3	0.2	2.1	103.1	92.3	10.8	5.9	4.9	C	70	30	TR	NA	U	Y	Y	Y	GB	GB	N	TILL
916-01	8.3	0.7	7.6	180.1	147.7	32.4	16.6	15.8	C	65	35	TR	NA	U	Y	Y	Y	GB	GB	N	TILL
916-02	8.2	0.8	7.4	163.0	134.9	28.1	14.2	13.9	C	80	20	TR	NA	U	Y	Y	Y	GB	GB	N	TILL
916-03	7.9	0.7	7.2	134.3	111.7	22.6	12.0	10.6	C	98	2	0	NA	U	Y	Y	Y	GB	GB	N	TILL
916-04	4.1	0.5	3.6	98.4	86.7	11.7	6.3	5.4	C	98	2	0	NA	U	Y	Y	Y	GB	GB	N	TILL
917-01	9.0	1.6	7.4	160.2	128.1	32.1	15.8	16.3	C	70	30	TR	NA	U	Y	Y	Y	GB	GB	N	TILL
917-02	7.9	1.3	6.6	160.7	132.5	28.2	13.5	14.7	C	70	30	NA	NA	U	Y	Y	Y	B	B	N	TILL
918-01	8.6	0.9	7.7	138.5	104.6	33.9	16.2	17.7	C	60	40	TR	NA	U	Y	Y	Y	B	B	N	TILL
918-02	8.5	0.7	7.8	155.7	112.9	42.8	18.6	24.2	C	60	40	TR	NA	U	Y	Y	Y	GB	GB	N	TILL
918-03	8.7	0.7	8.0	165.3	134.9	30.4	14.3	16.1	C	70	30	0	NA	U	Y	Y	Y	GB	B	N	TILL
918-04	7.0	0.5	6.5	133.5	109.5	24.0	12.7	11.3	C	70	30	0	GCL	U	Y	Y	Y	GB	GB	N	TILL
918-05	8.6	0.7	8.0	186.7	142.4	24.3	12.1	12.2	C	90	10	0	GCL	U	Y	Y	Y	GB	GB	N	TILL
918-06	7.8	0.8	7.0	185.8	164.2	21.6	9.8	11.8	C	95	5	0	GCL	U	Y	Y	Y	GB	GB	N	TILL
918-07	7.6	0.7	6.9	150.2	123.5	26.7	14.5	12.2	C	95	5	TR	GCL	U	Y	Y	Y	GB	GB	N	TILL
919-01	6.7	0.8	5.9	219.2	192.4	26.8	14.0	12.8	C	65	35	TR	NA	U	Y	Y	Y	GB	GB	N	TILL
919-02	8.1	0.9	7.2	251.4	223.6	27.8	13.9	13.9	C	65	35	0	NA	U	Y	Y	Y	GB	GB	N	TILL
920-01	6.8	1.3	5.5	218.2	190.9	27.3	13.8	13.5	C	65	35	TR	NA	U	Y	Y	Y	GB	GB	N	TILL
920-02	7.8	0.7	7.1	282.4	263.3	19.1	14.0	5.1	C	65	35	0	NA	U	Y	Y	Y	GB	GBB	N	TILL
920-03	8.5	0.8	7.7	302.2	259.1	43.1	20.9	22.2	C	60	40	0	NA	U	Y	Y	Y	GB	GBB	N	TILL
920-04	6.6	0.6	6.0	192.1	169.5	22.6	11.3	11.3	C	80	20	0	NA	U	Y	Y	Y	GB	GB	N	TILL
920-05	8.0	1.1	6.9	246.3	219.5	23.8	14.2	14.6	C	70	30	0	NA	U	Y	Y	Y	GB	GB	N	TILL
922-01	7.0	0.6	6.4	261.9	237.5	24.4	12.5	11.9	C	60	40	0	NA	U	Y	Y	Y	GB	GB	N	TILL
922-02	7.8	0.6	7.2	285.8	254.1	31.7	16.4	15.3	C	70	30	0	NA	U	Y	Y	Y	GB	GB	N	TILL
923-01	3.0	0.1	2.9	100.5	91.8	8.7	5.8	2.9	C	100	0	0	NA	U	Y	Y	Y	GN	GN	N	TILL
924-01	8.2	1.0	7.2	278.5	246.6	31.9	16.6	15.3	C	60	40	0	NA	U	Y	Y	Y	GB	GB	N	TILL
924-02	8.4	0.7	7.7	215.6	193.2	26.4	14.3	12.1	C	70	30	0	NA	U	Y	Y	Y	GB	GB	N	TILL
924-03	3.4	0.3	3.1	133.8	122.9	10.9	5.2	5.7	C	60	40	0	NA	U	Y	Y	Y	GN	GN	N	TILL
925-01	5.9	2.2	3.7	218.0	209.7	8.3	4.2	4.1	C	60	40	TR	NA	U	Y	Y	Y	GN	GB	N	TILL
926-01	6.0	0.7	5.3	209.8	188.5	21.3	11.2	10.1	C	70	30	0	NA	U	Y	Y	Y	GB	GB	N	TILL
926A-01	8.8	1.0	7.8	414.9	381.2	33.7	16.9	16.8	C	70	30	0	NA	U	Y	Y	Y	GB	GB	N	TILL
926A-02	8.4	1.2	7.2	116.6	86.6	30.0	15.3	14.7	C	60	40	0	NA	U	Y	Y	Y	GB	GB	N	TILL
926A-03	3.6	0.6	3.0	149.8	134.5	15.3	7.9	7.4	C	70	30	0	NA	U	Y	Y	Y	GB	GB	N	TILL
927-01	8.0	1.7	6.3	237.4	205.3	32.1	15.4	16.7	C	65	35	0	NA	U	Y	Y	Y	GB	GB	N	TILL
927-02	9.0	1.2	7.8	152.2	113.1	39.1	19.6	19.5	C	75	25	0	NA	U	Y	Y	Y	GY	GY	N	TILL
929-01	7.9	0.9	7.0	169.0	138.4	30.6	15.7	14.9	C	65	35	0	NA	U	Y	Y	Y	GB	GB	N	TILL
930-01	8.8	1.2	7.6	268.4	228.6	39.8	18.2	21.6	C	65	35	0	NA	U	Y	Y	Y	GB	GB	N	TILL

0.0 = <0.1

INBL1APP.WR1 OVERBURDEN DRILLING MANAGEMENT LIMITED
TOTAL # OF SAMPLES IN THIS REPORT = 40

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)					DESCRIPTION													CLASS
						M. I. CONC			CLAST					MATRIX								
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	MAG	SIZE V/S	% GR	% LS	% OT		S/U	GD	ST	CY	COLOR SD	COLOR CY		OR	
84900																						
913-08	7.3	0.7	6.6	133.5	111.8	21.7	10.7	11.0	C	60	40	TR	NA	U		Y	Y	Y	GB	GB	N	TILL
913-09	6.3	0.5	5.8	164.3	142.8	21.5	10.5	11.0	C	65	35	0	NA	U		Y	Y	Y	GB	GB	N	TILL
913-10	7.1	0.8	6.3	119.7	98.7	21.0	10.8	10.2	C	65	15	0	NA	U		Y	Y	Y	GB	GB	N	TILL
914-01	6.9	1.0	5.9	143.1	112.8	30.3	15.6	14.7	C	60	40	TR	NA	U		Y	Y	Y	GB	GB	N	TILL
915-01	2.3	0.2	2.1	103.1	92.3	10.8	5.9	4.9	C	70	30	TR	NA	U		Y	Y	Y	GB	GB	N	TILL
916-01	8.3	0.7	7.6	180.1	147.7	32.4	16.6	15.8	C	65	35	TR	NA	U		Y	Y	Y	GB	GB	N	TILL
916-02	8.2	0.8	7.4	163.0	134.9	28.1	14.2	13.9	C	80	20	TR	NA	U		Y	Y	Y	GB	GB	N	TILL
916-03	7.9	0.7	7.2	134.3	111.7	22.6	12.0	10.6	C	98	2	0	NA	U		Y	Y	Y	GB	GB	N	TILL
916-04	4.1	0.5	3.6	98.4	86.7	11.7	6.3	5.4	C	98	2	0	NA	U		Y	Y	Y	GB	GB	N	TILL
917-01	9.0	1.6	7.4	160.2	128.1	32.1	15.8	16.3	C	70	30	TR	NA	U		Y	Y	Y	GB	GB	N	TILL
917-02	7.9	1.3	6.6	160.7	132.5	28.2	13.5	14.7	C	70	30	NA	NA	U		Y	Y	Y	B	B	N	TILL
918-01	8.6	0.9	7.7	138.5	104.6	33.9	16.2	17.7	C	60	40	TR	NA	U		Y	Y	Y	B	B	N	TILL
918-02	8.5	0.7	7.8	155.7	112.9	42.8	18.6	24.2	C	60	40	TR	NA	U		Y	Y	Y	GB	GB	N	TILL
918-03	8.7	0.7	8.0	165.3	134.9	30.4	14.3	16.1	C	70	30	0	NA	U		Y	Y	Y	GB	B	N	TILL
918-04	7.0	0.5	6.5	133.5	109.5	24.0	12.7	11.3	C	70	30	0	GCL	U		Y	Y	Y	GB	GB	N	TILL
918-05	8.6	0.7	8.0	186.7	142.4	24.3	12.1	12.2	C	90	10	0	GCL	U		Y	Y	Y	GB	GB	N	TILL
918-06	7.8	0.8	7.0	195.8	164.2	21.6	9.8	11.8	C	95	5	0	GCL	U		Y	Y	Y	GB	GB	N	TILL
918-07	7.6	0.7	6.9	150.2	123.5	26.7	14.5	12.2	C	95	5	TR	GCL	U		Y	Y	Y	GB	GB	N	TILL
919-01	6.7	0.8	5.9	219.2	192.4	26.8	14.0	12.8	C	65	35	TR	NA	U		Y	Y	Y	GB	GB	N	TILL
919-02	8.1	0.9	7.2	251.4	223.6	27.8	13.9	13.9	C	65	35	0	NA	U		Y	Y	Y	GB	GB	N	TILL
920-01	6.8	1.3	5.5	218.2	190.9	27.3	13.8	13.5	C	65	35	TR	NA	U		Y	Y	Y	GB	GB	N	TILL
920-02	7.8	0.7	7.1	282.4	263.3	19.1	14.0	5.1	C	65	35	0	NA	U		Y	Y	Y	GB	GBB	N	TILL
920-03	8.5	0.8	7.7	302.2	259.1	43.1	20.9	22.2	C	60	40	0	NA	U		Y	Y	Y	BB	BBB	N	TILL
920-04	6.6	0.6	6.0	192.1	169.5	22.6	11.3	11.3	C	80	20	0	NA	U		Y	Y	Y	GB	GB	N	TILL
920-05	8.0	1.1	6.9	248.3	219.5	28.8	14.2	14.6	C	70	30	0	NA	U		Y	Y	Y	GB	GB	N	TILL
922-01	7.0	0.6	6.4	261.9	237.5	24.4	12.5	11.9	C	60	40	0	NA	U		Y	Y	Y	GB	GB	N	TILL
922-02	7.8	0.6	7.2	285.8	254.1	31.7	16.4	15.3	C	70	30	0	NA	U		Y	Y	Y	GB	GB	N	TILL
923-01	3.0	0.1	2.9	100.5	91.8	8.7	5.8	2.9	C	100	0	0	NA	U		Y	Y	Y	GN	GN	N	TILL
924-01	8.2	1.0	7.2	278.5	246.6	31.9	16.6	15.3	C	60	40	0	NA	U		Y	Y	Y	GB	GB	N	TILL
924-02	8.4	0.7	7.7	218.6	192.2	26.4	14.3	12.1	C	70	30	0	NA	U		Y	Y	Y	GB	GB	N	TILL
924-03	3.4	0.3	3.1	133.8	122.9	10.9	5.2	5.7	C	60	40	0	NA	U		Y	Y	Y	GN	GN	N	TILL
925-01	5.9	2.2	3.7	218.0	209.7	8.3	4.2	4.1	C	60	40	TR	NA	U		Y	Y	Y	GN	GB	N	TILL
926-01	6.0	0.7	5.3	209.8	188.5	21.3	11.2	10.1	C	70	30	0	NA	U		Y	Y	Y	GB	GB	N	TILL
926A-01	8.8	1.0	7.8	414.9	381.2	33.7	16.9	16.8	C	70	30	0	NA	U		Y	Y	Y	GB	GB	N	TILL
926A-02	8.4	1.2	7.2	116.6	86.6	30.0	15.3	14.7	C	60	40	0	NA	U		Y	Y	Y	GB	GB	N	TILL
926A-03	3.6	0.6	3.0	149.8	134.5	15.3	7.9	7.4	C	70	30	0	NA	U		Y	Y	Y	GB	GB	N	TILL
927-01	8.0	1.7	6.3	237.4	205.3	32.1	15.4	16.7	C	65	35	0	NA	U		Y	Y	Y	GB	GB	N	TILL
927-02	9.0	1.2	7.8	152.2	113.1	39.1	19.6	19.5	C	75	25	0	NA	U		Y	Y	Y	GY	GY	N	TILL
929-01	7.9	0.9	7.0	169.0	138.4	30.6	15.7	14.9	C	65	35	0	NA	U		Y	Y	Y	GB	GB	N	TILL
930-01	8.8	1.2	7.6	268.4	228.6	39.8	18.2	21.6	C	65	35	0	NA	U		Y	Y	Y	GB	GB	N	TILL

0.0 = <0.1

INBLIAPR.WR1 OVERBURDEN DRILLING MANAGEMENT LIMITED

TOTAL # OF SAMPLES IN THIS REPORT = 40

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)					DESCRIPTION											CLASS
						M. I. CONC			CLAST					MATRIX						
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	MAG	SIZE	% V/S	% GR	% LS	% OT	S/U	SD	ST	CY	COLOR SD	COLOR CY	OR
B4900																				
913-06	7.3	0.7	6.6	133.5	111.8	21.7	10.7	11.0	C	60	40	TR	NA	U	Y	Y	Y	GB	GB	N TILL
913-07	6.3	0.5	5.8	164.3	142.8	21.5	10.5	11.0	C	65	35	0	NA	U	Y	Y	Y	GB	GB	N TILL
913-10	7.1	0.8	6.3	119.7	98.7	21.0	10.8	10.2	C	85	15	0	NA	U	Y	Y	Y	GB	GB	N TILL
914-01	6.9	1.0	5.9	143.1	112.8	30.3	15.6	14.7	C	60	40	TR	NA	U	Y	Y	Y	GB	GB	N TILL
915-01	2.3	0.2	2.1	103.1	92.3	10.8	5.9	4.9	C	70	30	TR	NA	U	Y	Y	Y	GB	GB	N TILL
916-01	8.3	0.7	7.6	180.1	147.7	32.4	16.6	15.8	C	65	35	TR	NA	U	Y	Y	Y	GB	GB	N TILL
916-02	8.2	0.8	7.4	163.0	134.9	28.1	14.2	13.9	C	80	20	TR	NA	U	Y	Y	Y	GB	GB	N TILL
916-03	7.9	0.7	7.2	134.3	111.7	22.6	12.0	10.6	C	98	2	0	NA	U	Y	Y	Y	GB	GB	N TILL
916-04	4.1	0.5	3.6	99.4	86.7	11.7	6.3	5.4	C	98	2	0	NA	U	Y	Y	Y	GB	GB	N TILL
917-01	8.0	1.6	7.4	160.2	128.1	32.1	15.8	16.3	C	70	30	TR	NA	U	Y	Y	Y	GB	GB	N TILL
917-02	7.9	1.3	6.6	160.7	132.5	28.2	13.5	14.7	C	70	30	NA	NA	U	Y	Y	Y	B	B	N TILL
918-01	8.6	0.9	7.7	138.5	104.6	33.9	16.2	17.7	C	60	40	TR	NA	U	Y	Y	Y	B	B	N TILL
918-02	8.5	0.7	7.8	155.7	112.9	42.8	18.6	24.2	C	60	40	TR	NA	U	Y	Y	Y	GB	GB	N TILL
918-03	8.7	0.7	8.0	165.3	134.9	30.4	14.3	16.1	C	70	30	0	NA	U	Y	Y	Y	GB	B	N TILL
918-04	7.0	0.5	6.5	133.5	109.5	24.0	12.7	11.3	C	70	30	0	SCL	U	Y	Y	Y	GB	GB	N TILL
918-05	6.3	0.7	6.0	166.7	142.4	24.3	12.1	12.2	C	90	10	0	SCL	U	Y	Y	Y	GB	GB	N TILL
918-06	7.8	0.8	7.0	185.8	164.2	21.6	9.8	11.8	C	95	5	0	SCL	U	Y	Y	Y	GB	GB	N TILL
918-07	7.6	0.7	6.9	150.2	123.5	26.7	14.5	12.2	C	95	5	TR	SCL	U	Y	Y	Y	GB	GB	N TILL
919-01	6.7	0.8	5.9	219.2	192.4	26.8	14.0	12.8	C	65	35	TR	NA	U	Y	Y	Y	GB	GB	N TILL
919-02	8.1	0.9	7.2	251.4	223.6	27.8	13.9	13.9	C	65	35	0	NA	U	Y	Y	Y	GB	GB	N TILL
920-01	6.3	1.0	5.3	218.2	190.9	27.3	13.8	13.5	C	65	35	TR	NA	U	Y	Y	Y	GB	GB	N TILL
920-02	7.8	0.7	7.1	282.4	263.3	19.1	14.0	5.1	C	65	35	0	NA	U	Y	Y	Y	GG	GGB	N TILL
920-03	8.5	0.8	7.7	302.2	259.1	43.1	20.9	22.2	C	60	40	0	NA	U	Y	Y	Y	GG	GGB	N TILL
920-04	6.6	0.6	6.0	192.1	169.5	22.6	11.3	11.3	C	80	20	0	NA	U	Y	Y	Y	GB	GB	N TILL
920-05	8.0	1.1	6.9	246.3	219.5	26.8	14.2	14.6	C	70	30	0	NA	U	Y	Y	Y	GB	GB	N TILL
922-01	7.0	0.6	6.4	261.9	237.5	24.4	12.5	11.9	C	60	40	0	NA	U	Y	Y	Y	GB	GB	N TILL
922-02	7.8	0.6	7.2	285.8	254.1	31.7	16.4	15.3	C	70	30	0	NA	U	Y	Y	Y	GB	GB	N TILL
923-01	3.0	0.1	2.9	160.5	91.8	8.7	5.8	2.9	C	100	0	0	NA	U	Y	Y	Y	GN	BN	N TILL
924-01	8.2	1.0	7.2	278.5	246.6	31.9	16.6	15.3	C	60	40	0	NA	U	Y	Y	Y	GB	GB	N TILL
924-02	8.4	0.7	7.7	218.6	192.2	26.4	14.3	12.1	C	70	30	0	NA	U	Y	Y	Y	GG	GG	N TILL
924-03	3.4	0.3	3.1	133.8	122.9	10.9	5.2	5.7	C	60	40	0	NA	U	Y	Y	Y	GN	GN	N TILL
925-01	5.9	2.2	3.7	218.0	209.7	8.3	4.2	4.1	C	60	40	TR	NA	U	Y	Y	Y	GN	GB	N TILL
926-01	6.0	0.7	5.3	209.8	188.5	21.3	11.2	10.1	C	70	30	0	NA	U	Y	Y	Y	GB	GB	N TILL
926A-01	8.8	1.0	7.8	414.9	381.2	33.7	16.9	16.8	C	70	30	0	NA	U	Y	Y	Y	GB	GB	N TILL
926A-02	8.4	1.2	7.2	116.6	86.6	30.0	15.3	14.7	C	60	40	0	NA	U	Y	Y	Y	GG	GB	N TILL
926A-03	3.6	0.6	3.0	147.8	134.5	13.3	7.9	7.4	C	70	30	0	NA	U	Y	Y	Y	GB	GB	N TILL
927-01	8.0	1.7	6.3	237.4	205.3	32.1	15.4	16.7	C	65	35	0	NA	U	Y	Y	Y	GB	GB	N TILL
927-02	9.0	1.2	7.8	152.2	113.1	39.1	19.6	19.5	C	75	25	0	NA	U	Y	Y	Y	GY	GY	N TILL
929-01	7.9	0.9	7.0	169.0	138.4	30.6	15.7	14.9	C	65	35	0	NA	U	Y	Y	Y	GB	GB	N TILL
930-01	8.8	1.2	7.6	268.4	228.6	39.8	18.2	21.6	C	65	35	0	NA	U	Y	Y	Y	GG	GB	N TILL

0.0 = <0.1

INBL2APP.WR1 OVERBURDEN DRILLING MANAGEMENT LIMITED
TOTAL # OF SAMPLES IN THIS REPORT = 34

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)					DESCRIPTION											CLASS
						M. I. CONC			CLAST				MATRIX							
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	MAG	SIZE	% V/S	% GR	% LS	% DT	S/U	SD	ST	CY	COLOR SD	COLOR CY	OR
64900																				
932-01	9.8	1.3	7.5	166.1	145.3	20.8	11.0	9.8	C	60	40	0	NA	U	Y	Y	Y	GB	GB	N TILL
932-02	5.9	0.5	5.4	227.8	200.8	27.0	12.8	14.2	C	60	40	0	NA	U	Y	Y	Y	GB	GB	N TILL
933-01	6.5	1.0	5.5	220.6	202.1	18.5	9.0	9.5	C	70	30	0	NA	U	Y	Y	Y	GB	GB	N TILL
933-02	9.1	1.3	7.8	154.0	122.4	31.6	14.9	16.7	C	65	35	0	NA	U	Y	Y	Y	GB	GB	N TILL
933-03	6.6	0.9	5.7	227.9	206.0	21.9	11.0	10.9	C	65	35	0	NA	U	Y	Y	Y	GB	GB	N TILL
934-01	4.7	0.8	3.9	211.3	200.1	11.2	5.1	6.1	C	60	40	0	NA	U	Y	Y	Y	GB	GB	N TILL
935-01	8.4	1.9	6.5	243.6	208.5	35.1	14.8	20.3	C	80	20	0	NA	U	Y	Y	Y	GB	GB	N TILL
936-01	9.0	1.7	7.3	239.2	254.2	35.0	16.1	18.9	C	70	30	0	NA	U	Y	Y	Y	B	GB	N TILL
936-02	9.1	1.8	7.3	217.1	187.0	30.1	14.0	16.1	C	70	30	0	NA	U	Y	Y	Y	B	B	N TILL
937-01	9.2	0.7	8.5	238.9	203.8	35.1	15.9	19.2	C	70	30	0	NA	U	Y	Y	Y	B	GB	N TILL
937-02	7.7	0.7	7.0	168.6	143.3	25.3	10.6	14.7	C	30	70	0	NA	U	Y	Y	Y	GB	GB	N TILL
938-01	8.9	2.0	6.9	307.3	273.3	34.0	17.1	16.9	C	70	30	0	NA	U	Y	Y	Y	GB	GB	N TILL
938-02	7.7	1.3	6.4	245.8	214.1	31.7	18.3	13.4	C	95	5	0	NA	U	Y	Y	Y	B	B	N TILL
939-01	9.0	1.5	7.5	192.3	155.0	37.3	17.7	19.6	C	50	50	0	NA	U	Y	Y	Y	B	B	N TILL
939-02	8.6	2.1	6.5	211.7	174.0	37.7	17.6	20.1	C	60	40	0.	NA	U	Y	Y	Y	B	B	N TILL
939-03	7.7	0.7	7.0	267.8	231.2	36.6	16.3	20.3	C	60	40	0	NA	U	Y	Y	Y	B	B	N TILL
939-04	8.6	0.9	7.7	246.5	207.7	38.8	17.9	20.9	C	60	40	0	NA	U	Y	Y	Y	B	B	N TILL
939-05	9.0	1.1	7.9	276.2	239.0	37.2	19.4	17.8	C	70	30	0	NA	U	Y	Y	Y	B	B	N TILL
939-06	8.1	0.9	7.2	264.7	231.0	33.7	15.7	18.0	C	60	40	0	NA	U	Y	Y	Y	B	B	N TILL
939-07	8.3	0.9	7.4	231.3	198.5	32.8	15.9	16.9	C	60	40	0	NA	U	Y	Y	Y	B	B	N TILL
939-08	5.8	0.4	5.4	210.8	186.0	24.8	12.5	12.3	C	60	40	0	NA	U	Y	Y	Y	B	B	N TILL
939-09	8.5	1.2	7.3	277.1	240.3	36.8	18.3	18.5	C	60	40	0	NA	U	Y	Y	Y	B	B	N TILL
939-10	9.0	1.3	7.7	263.5	229.1	34.4	16.5	17.9	C	60	40	0	NA	U	Y	Y	Y	B	B	N TILL
939-11	9.2	0.8	8.4	135.7	106.9	28.8	12.6	16.2	C	60	40	0	NA	U	Y	Y	Y	B	B	N TILL
939-12	9.3	1.2	8.1	219.2	188.5	30.7	13.0	17.7	C	70	30	0	NA	U	Y	Y	Y	GB	B	N TILL
939-13	9.4	1.6	7.8	173.9	149.1	24.8	10.5	14.3	C	70	30	0	NA	U	Y	Y	Y	B	B	N TILL
939-14	7.1	0.9	6.2	188.2	166.6	21.6	9.3	12.3	C	50	50	0	NA	U	Y	Y	Y	GB	B	N TILL
939-15	9.4	1.4	8.0	213.2	188.2	25.0	11.1	13.9	C	60	40	0	NA	U	Y	Y	Y	B	B	N TILL
939-16	5.6	0.6	5.2	159.6	144.2	15.4	6.7	8.7	C	60	40	0	NA	U	Y	Y	Y	B	B	N TILL
939-17	9.9	1.4	8.5	181.6	157.5	24.1	10.2	13.9	C	60	40	0	NA	U	Y	Y	Y	BB	B	N TILL
939-18	7.9	1.0	6.9	131.9	109.7	22.2	11.2	11.0	C	100	0	0	GLC	U	Y	Y	Y	GY	GY	N TILL
939-19	8.1	1.7	6.4	216.8	184.0	32.8	15.2	17.6	C	80	20	0	GLC	U	Y	Y	Y	GB	GB	N TILL
939-20	6.5	0.9	5.6	126.6	106.6	17.9	9.3	8.6	C	100	0	0	GLC	U	Y	Y	Y	GY	GY	N TILL
939-21	7.6	0.7	6.9	91.3	63.1	28.2	13.0	15.2	C	90	10	0	NA	U	Y	Y	Y	GY	GY	N TILL

INBL2APP.WR1

OVERBURDEN DRILLING MANAGEMENT LIMITED

TOTAL # OF SAMPLES IN THIS REPORT = 34

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)					DESCRIPTION											CLASS
						M. I. CONC			CLAST					MATRIX						
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	MAG	SIZE	% V/S	% GR	% LS	% OT	S/U	SD	ST	CY	COLOR SD	COLOR CY	OR	
84900																					
902-01	8.8	1.3	7.5	166.1	145.3	20.8	11.0	9.8	C	60	40	0	NA	U	Y	Y	Y	GB	GB	N	TILL
902-02	5.9	0.5	5.4	227.8	200.8	27.0	12.8	14.2	C	60	40	0	NA	U	Y	Y	Y	GB	GB	N	TILL
903-01	6.5	1.0	5.5	220.6	202.1	18.5	9.0	9.5	C	70	30	0	NA	U	Y	Y	Y	GB	GB	N	TILL
903-02	9.1	1.3	7.8	154.0	122.4	31.6	14.9	16.7	C	65	35	0	NA	U	Y	Y	Y	GB	GB	N	TILL
903-03	6.6	0.9	5.7	227.9	206.0	21.9	11.0	10.9	C	65	35	0	NA	U	Y	Y	Y	GB	GB	N	TILL
904-01	4.7	0.8	3.9	211.3	200.1	11.2	5.1	6.1	C	60	40	0	NA	U	Y	Y	Y	GB	GB	N	TILL
905-01	8.4	1.9	6.5	243.6	208.5	35.1	14.8	20.3	C	80	20	0	NA	U	Y	Y	Y	GB	GB	N	TILL
906-01	9.0	1.7	7.3	289.2	254.2	35.0	16.1	18.9	C	70	30	0	NA	U	Y	Y	Y	B	GB	N	TILL
906-02	9.1	1.8	7.3	217.1	187.0	30.1	14.0	16.1	C	70	30	0	NA	U	Y	Y	Y	B	B	N	TILL
907-01	9.2	0.7	8.5	238.9	203.8	35.1	15.9	19.2	C	70	30	0	NA	U	Y	Y	Y	B	GB	N	TILL
907-02	7.7	0.7	7.0	168.6	143.3	25.3	10.6	14.7	C	30	70	0	NA	U	Y	Y	Y	GB	GB	N	TILL
908-01	8.9	2.0	6.9	307.3	273.3	34.0	17.1	16.9	C	70	30	0	NA	U	Y	Y	Y	GB	GB	N	TILL
908-02	7.7	1.3	6.4	245.8	214.1	31.7	15.3	16.4	C	95	5	0	NA	U	Y	Y	Y	B	B	N	TILL
909-01	9.0	1.5	7.5	192.3	155.0	37.3	17.7	19.6	C	50	50	0	NA	U	Y	Y	Y	B	B	N	TILL
909-02	8.6	2.1	6.5	211.7	174.0	37.7	17.6	20.1	C	60	40	0	NA	U	Y	Y	Y	B	B	N	TILL
909-03	7.7	0.7	7.0	267.8	231.2	36.6	16.3	20.3	C	60	40	0	NA	U	Y	Y	Y	B	B	N	TILL
909-04	8.6	0.9	7.7	246.5	207.7	38.8	17.9	20.9	C	60	40	0	NA	U	Y	Y	Y	B	B	N	TILL
909-05	9.0	1.1	7.9	276.2	239.0	37.2	19.4	17.8	C	70	30	0	NA	U	Y	Y	Y	B	B	N	TILL
909-06	8.1	0.9	7.2	264.7	231.0	33.7	15.7	18.0	C	60	40	0	NA	U	Y	Y	Y	B	B	N	TILL
909-07	8.3	0.9	7.4	231.3	198.5	32.8	15.9	16.9	C	60	40	0	NA	U	Y	Y	Y	B	B	N	TILL
909-08	5.8	0.4	5.4	210.8	186.0	24.8	12.5	12.3	C	60	40	0	NA	U	Y	Y	Y	B	B	N	TILL
909-09	8.5	1.2	7.3	277.1	240.3	36.8	18.3	18.5	C	60	40	0	NA	U	Y	Y	Y	B	B	N	TILL
909-10	9.0	1.3	7.7	263.5	229.1	34.4	15.5	17.9	C	60	40	0	NA	U	Y	Y	Y	B	B	N	TILL
909-11	9.2	0.8	8.4	135.7	106.9	28.8	12.6	16.2	C	60	40	0	NA	U	Y	Y	Y	B	B	N	TILL
909-12	9.3	1.2	8.1	219.2	188.5	30.7	13.0	17.7	C	70	30	0	NA	U	Y	Y	Y	GB	B	N	TILL
909-13	9.4	1.6	7.8	173.9	149.1	24.8	10.5	14.3	C	70	30	0	NA	U	Y	Y	Y	B	B	N	TILL
909-14	7.1	0.9	6.2	188.2	166.6	21.6	9.3	12.3	C	50	50	0	NA	U	Y	Y	Y	GB	B	N	TILL
909-15	9.4	1.4	8.0	213.2	188.2	25.0	11.1	13.9	C	60	40	0	NA	U	Y	Y	Y	B	B	N	TILL
909-16	5.8	0.6	5.2	159.6	144.2	15.4	6.7	8.7	C	60	40	0	NA	U	Y	Y	Y	B	B	N	TILL
909-17	9.9	1.4	8.5	181.6	157.5	24.1	10.2	13.9	C	60	40	0	NA	U	Y	Y	Y	GB	B	N	TILL
909-18	7.9	1.0	6.9	131.9	109.7	22.2	11.2	11.0	C	100	0	0	GLC	U	Y	Y	Y	GY	GY	N	TILL
909-19	8.1	1.7	6.4	216.8	184.0	32.8	15.2	17.6	C	80	20	0	GLC	U	Y	Y	Y	GB	GB	N	TILL
909-20	6.3	0.9	5.6	126.5	106.6	17.9	9.3	8.6	C	100	0	0	GLC	U	Y	Y	Y	GY	GY	N	TILL
909-21	7.6	0.7	6.9	91.3	63.1	28.2	13.0	15.2	C	90	10	0	NA	U	Y	Y	Y	GY	GY	N	TILL

INBL24PR.WR1 OVERBURDEN DRILLING MANAGEMENT LIMITED

TOTAL # OF SAMPLES IN THIS REPORT = 34

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)					DESCRIPTION												CLASS
						M. I. CONC			CLAST					MATRIX							
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	MAG	SIZE	% V/S	% GR	% LS	% OT	S/U	SD	ST	CY	COLOR SD	COLOR CY	OR	
S4900																					
933-01	3.8	1.3	7.5	166.1	145.3	20.8	11.0	9.8	C	60	40	0	NA	U	Y	Y	Y	GB	GB	N	TILL
933-02	5.9	0.5	5.4	227.8	200.8	27.0	12.8	14.2	C	60	40	0	NA	U	Y	Y	Y	GB	GB	N	TILL
933-01	6.5	1.0	5.5	220.6	202.1	18.5	9.0	9.5	C	70	30	0	NA	U	Y	Y	Y	GB	GB	N	TILL
933-02	9.1	1.3	7.8	154.0	122.4	31.6	14.9	16.7	C	65	35	0	NA	U	Y	Y	Y	GB	GB	N	TILL
933-03	6.6	0.9	5.7	227.9	206.0	21.9	11.0	10.9	C	65	35	0	NA	U	Y	Y	Y	GB	GB	N	TILL
934-01	4.7	0.8	3.9	211.3	200.1	11.2	5.1	6.1	C	60	40	0	NA	U	Y	Y	Y	GB	GB	N	TILL
935-01	8.4	1.9	6.5	243.6	208.5	35.1	14.8	20.3	C	80	20	0	NA	U	Y	Y	Y	GB	GB	N	TILL
936-01	9.0	1.7	7.3	259.2	254.2	35.0	16.1	18.9	C	70	30	0	NA	U	Y	Y	Y	B	GB	N	TILL
936-02	9.1	1.8	7.3	217.1	187.0	30.1	14.0	16.1	C	70	30	0	NA	U	Y	Y	Y	B	B	N	TILL
937-01	9.2	0.7	8.5	238.9	203.8	35.1	15.9	19.2	C	70	30	0	NA	U	Y	Y	Y	B	GB	N	TILL
937-02	7.7	0.7	7.0	168.6	143.3	25.3	10.6	14.7	C	30	70	0	NA	U	Y	Y	Y	GB	GB	N	TILL
938-01	8.9	2.0	6.9	307.3	273.3	34.0	17.1	16.9	C	70	30	0	NA	U	Y	Y	Y	GB	GB	N	TILL
938-02	7.7	1.3	6.4	245.8	214.1	31.7	18.3	13.4	C	95	5	0	NA	U	Y	Y	Y	B	B	N	TILL
939-01	9.0	1.5	7.5	192.3	155.0	37.3	17.7	19.6	C	50	50	0	NA	U	Y	Y	Y	B	B	N	TILL
939-02	8.6	2.1	6.5	211.7	174.0	37.7	17.6	20.1	C	60	40	0.	NA	U	Y	Y	Y	B	B	N	TILL
939-03	7.7	0.7	7.0	267.8	231.2	36.6	16.3	20.3	C	60	40	0	NA	U	Y	Y	Y	B	B	N	TILL
939-04	8.6	0.9	7.7	246.5	207.7	38.8	17.9	20.9	C	60	40	0	NA	U	Y	Y	Y	B	B	N	TILL
939-05	9.0	1.1	7.9	276.2	237.0	37.2	19.4	17.8	C	70	30	0	NA	U	Y	Y	Y	B	B	N	TILL
939-06	8.1	0.9	7.2	264.7	231.0	33.7	15.7	18.0	C	60	40	0	NA	U	Y	Y	Y	B	B	N	TILL
939-07	8.3	0.9	7.4	231.3	198.5	32.8	15.9	16.9	C	60	40	0	NA	U	Y	Y	Y	B	B	N	TILL
939-08	5.8	0.4	5.4	210.8	186.0	24.8	12.5	12.3	C	60	40	0	NA	U	Y	Y	Y	B	B	N	TILL
939-09	8.5	1.2	7.3	277.1	240.3	36.8	18.3	18.5	C	60	40	0	NA	U	Y	Y	Y	B	B	N	TILL
939-10	9.0	1.3	7.7	263.5	229.1	34.4	16.5	17.9	C	60	40	0	NA	U	Y	Y	Y	B	B	N	TILL
939-11	9.2	0.8	8.4	135.7	106.9	28.8	12.6	16.2	C	60	40	0	NA	U	Y	Y	Y	B	B	N	TILL
939-12	9.3	1.2	8.1	219.2	188.5	30.7	13.0	17.7	C	70	30	0	NA	U	Y	Y	Y	GB	B	N	TILL
939-13	9.4	1.6	7.8	173.9	149.1	24.8	10.5	14.3	C	70	30	0	NA	U	Y	Y	Y	B	B	N	TILL
939-14	7.1	0.9	6.2	188.2	166.6	21.6	9.3	12.3	C	50	50	0	NA	U	Y	Y	Y	GB	B	N	TILL
939-15	9.4	1.4	8.0	213.2	188.2	25.0	11.1	13.9	C	60	40	0	NA	U	Y	Y	Y	B	B	N	TILL
939-16	5.5	0.6	5.2	159.6	144.2	15.4	6.7	9.7	C	60	40	0	NA	U	Y	Y	Y	B	B	N	TILL
939-17	9.9	1.4	8.5	181.6	157.5	24.1	10.2	13.9	C	60	40	0	NA	U	Y	Y	Y	GB	B	N	TILL
939-18	7.9	1.0	6.9	121.9	109.7	22.2	11.2	11.0	C	100	0	0	GLC	U	Y	Y	Y	GY	GY	N	TILL
939-19	8.1	1.7	6.4	216.8	184.0	32.8	15.2	17.6	C	80	20	0	GLC	U	Y	Y	Y	GB	GB	N	TILL
939-20	6.5	0.9	5.6	126.5	108.6	17.9	9.3	8.6	C	100	0	0	GLC	U	Y	Y	Y	GY	GY	N	TILL
939-21	7.6	0.7	6.9	91.3	63.1	28.2	13.0	15.2	C	90	10	0	NA	U	Y	Y	Y	GY	GY	N	TILL

INBL2APP.WR1 OVERBURDEN DRILLING MANAGEMENT LIMITED

TOTAL # OF SAMPLES IN THIS REPORT = 34

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)					DESCRIPTION											CLASS
						M. I. CONC			CLAST				MATRIX							
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	MAG	SIZE	% V/S	GR	LS	ST	S/U	SD	ST	CY	COLOR SD	COLOR CY	OR
84900																				
931-01	8.8	1.3	7.5	166.1	145.3	20.8	11.0	9.8	C	60	40	0	NA	U	Y	Y	Y	GB	GB	N TILL
932-02	5.9	0.5	5.4	227.8	200.8	27.0	12.8	14.2	C	60	40	0	NA	U	Y	Y	Y	GB	GB	N TILL
933-01	6.5	1.0	5.5	220.6	202.1	18.5	9.0	9.5	C	70	30	0	NA	U	Y	Y	Y	GB	GB	N TILL
933-02	9.1	1.3	7.8	154.0	122.4	31.6	14.9	16.7	C	65	35	0	NA	U	Y	Y	Y	GB	GB	N TILL
933-03	6.6	0.9	5.7	227.9	206.0	21.9	11.0	10.9	C	65	35	0	NA	U	Y	Y	Y	GB	GB	N TILL
934-01	4.7	0.8	3.9	211.3	200.1	11.2	5.1	6.1	C	60	40	0	NA	U	Y	Y	Y	GB	GB	N TILL
935-01	8.4	1.9	6.5	243.5	208.5	35.1	14.8	20.3	C	80	20	0	NA	U	Y	Y	Y	GB	GB	N TILL
936-01	9.0	1.7	7.3	289.2	254.2	35.0	16.1	18.9	C	70	30	0	NA	U	Y	Y	Y	B	GB	N TILL
936-02	9.1	1.3	7.8	217.1	187.0	30.1	14.0	16.1	C	70	30	0	NA	U	Y	Y	Y	B	B	N TILL
937-01	9.2	0.7	8.5	238.9	203.8	35.1	15.9	19.2	C	70	30	0	NA	U	Y	Y	Y	B	GB	N TILL
937-02	7.7	0.7	7.0	168.6	143.3	25.3	10.6	14.7	C	30	70	0	NA	U	Y	Y	Y	GB	GB	N TILL
938-01	8.9	2.0	6.9	307.3	273.3	34.0	17.1	16.9	C	70	30	0	NA	U	Y	Y	Y	GB	GB	N TILL
938-02	7.7	1.3	6.4	245.8	214.1	31.7	15.3	16.4	C	95	5	0	NA	U	Y	Y	Y	B	B	N TILL
939-01	9.0	1.5	7.5	192.3	155.0	37.3	17.7	19.6	C	50	50	0	NA	U	Y	Y	Y	B	B	N TILL
939-02	8.6	2.1	6.5	211.7	174.0	37.7	17.6	20.1	C	60	40	0	NA	U	Y	Y	Y	B	B	N TILL
939-03	7.7	0.7	7.0	267.8	231.2	36.6	16.3	20.3	C	60	40	0	NA	U	Y	Y	Y	B	B	N TILL
939-04	8.6	0.9	7.7	246.5	207.7	38.8	17.9	20.9	C	60	40	0	NA	U	Y	Y	Y	B	B	N TILL
939-05	9.0	1.1	7.9	276.2	239.0	37.2	19.4	17.8	C	70	30	0	NA	U	Y	Y	Y	B	B	N TILL
939-06	8.1	0.9	7.2	264.7	231.0	33.7	15.7	18.0	C	60	40	0	NA	U	Y	Y	Y	B	B	N TILL
939-07	8.3	0.9	7.4	231.3	198.5	32.8	15.9	16.9	C	60	40	0	NA	U	Y	Y	Y	B	B	N TILL
939-08	5.8	0.4	5.4	210.8	186.0	24.8	12.5	12.3	C	60	40	0	NA	U	Y	Y	Y	B	B	N TILL
939-09	8.5	1.2	7.3	277.1	240.3	36.8	18.3	18.5	C	60	40	0	NA	U	Y	Y	Y	B	B	N TILL
939-10	9.0	1.3	7.7	263.5	229.1	34.4	16.5	17.9	C	60	40	0	NA	U	Y	Y	Y	B	B	N TILL
939-11	9.2	0.8	8.4	135.7	106.9	28.8	12.6	16.2	C	60	40	0	NA	U	Y	Y	Y	B	B	N TILL
939-12	9.3	1.2	8.1	219.2	188.5	30.7	13.0	17.7	C	70	30	0	NA	U	Y	Y	Y	GB	B	N TILL
939-13	9.4	1.6	7.8	173.9	149.1	24.8	10.5	14.3	C	70	30	0	NA	U	Y	Y	Y	B	B	N TILL
939-14	7.1	0.9	6.2	188.2	166.6	21.6	9.3	12.3	C	50	50	0	NA	U	Y	Y	Y	GB	B	N TILL
939-15	9.4	1.4	8.0	213.2	185.2	28.0	11.1	13.9	C	60	40	0	NA	U	Y	Y	Y	B	B	N TILL
939-16	5.8	0.6	5.2	159.6	144.2	15.4	6.7	8.7	C	60	40	0	NA	U	Y	Y	Y	B	B	N TILL
939-17	9.9	1.4	8.5	181.6	157.5	24.1	10.2	13.9	C	60	40	0	NA	U	Y	Y	Y	GB	B	N TILL
939-18	7.9	1.0	6.9	131.9	109.7	22.2	11.2	11.0	C	100	0	0	SLC	U	Y	Y	Y	GY	GY	N TILL
939-19	8.1	1.7	6.4	216.8	184.0	32.8	15.2	17.6	C	80	20	0	SLC	U	Y	Y	Y	GB	GB	N TILL
939-20	6.5	0.9	5.6	126.5	108.6	17.9	9.3	8.6	C	100	0	0	SLC	U	Y	Y	Y	GY	GY	N TILL
939-21	7.6	0.7	6.9	91.3	63.1	28.2	13.0	15.2	C	90	10	0	NA	U	Y	Y	Y	GY	GY	N TILL

APPENDIX C

GOLD GRAIN SUMMARIES, DETAILED GOLD GRAIN COUNTS AND CALCULATED VISIBLE GOLD ASSAYS

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

INBL1MAR.WR1

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
84900									
901-01	1	0	1	0	16.7	12	0	12	0
901-02	7	4	3	0	24.7	188	183	5	0
901-03	2	2	0	0	10.5	78	78	0	0
901-04	0	0	0	0	7.9	0	0	0	0
902-01	1	0	0	1	5.1	5	0	0	5
903-01	0	0	0	0	12.3	0	0	0	0
904-01	0	0	0	0	13.3	0	0	0	0
905-01	0	0	0	0	12.3	0	0	0	0
905-02	0	0	0	0	11.2	0	0	0	0
906-01	1	1	0	0	16.0	63	63	0	0
906-02	0	0	0	0	5.6	0	0	0	0
906-03	0	0	0	0	4.1	0	0	0	0
907-01	0	0	0	0	19.2	0	0	0	0
907-02	0	0	0	0	15.6	0	0	0	0
907-03	0	0	0	0	14.8	0	0	0	0
907-04	0	0	0	0	19.2	0	0	0	0
907-05	1	1	0	0	19.9	4	4	0	0
907-06	0	0	0	0	7.6	0	0	0	0
907-07	0	0	0	0	10.5	0	0	0	0
908-01	1	1	0	0	18.8	10	10	0	0
908-02	1	1	0	0	16.3	12	12	0	0
908-03	0	0	0	0	12.5	0	0	0	0
908-04	1	1	0	0	14.8	6	6	0	0
908-05	1	1	0	0	15.6	65	65	0	0
908-06	0	0	0	0	9.7	0	0	0	0
908-07	0	0	0	0	9.6	0	0	0	0
909-01	2	2	0	0	14.7	603	603	0	0
909-02	1	1	0	0	10.2	37	37	0	0
909-02B	2	1	0	1	6.7	16	12	0	4
910-01	0	0	0	0	12.4	0	0	0	0
911-01	1	1	0	0	18.8	10	10	0	0
912-01	4	3	1	0	22.2	1265	121	1144	0
912-02	1	1	0	0	18.2	56	56	0	0
913-01	0	0	0	0	22.9	0	0	0	0
913-02	1	1	0	0	25.2	8	8	0	0
913-03	1	0	0	1	22.1	21	0	0	21
913-04	1	1	0	0	19.6	77	77	0	0
913-05	1	0	1	0	14.4	2441	0	2441	0
913-06	0	0	0	0	8.1	0	0	0	0
913-07	0	0	0	0	12.1	0	0	0	0

0.0 = <0.1

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

INBL1MAR.WR1

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
84900									
901-01	1	0	1	0	16.7	12	0	12	0
901-02	7	4	3	0	24.7	188	183	5	0
901-03	2	2	0	0	10.5	78	78	0	0
901-04	0	0	0	0	7.9	0	0	0	0
902-01	1	0	0	1	5.1	5	0	0	5
903-01	0	0	0	0	12.3	0	0	0	0
904-01	0	0	0	0	13.3	0	0	0	0
905-01	0	0	0	0	12.3	0	0	0	0
905-02	0	0	0	0	11.2	0	0	0	0
906-01	1	1	0	0	16.0	63	63	0	0
906-02	0	0	0	0	5.6	0	0	0	0
906-03	0	0	0	0	4.1	0	0	0	0
907-01	0	0	0	0	19.2	0	0	0	0
907-02	0	0	0	0	15.6	0	0	0	0
907-03	0	0	0	0	14.8	0	0	0	0
907-04	0	0	0	0	19.2	0	0	0	0
907-05	1	1	0	0	19.9	4	4	0	0
907-06	0	0	0	0	7.6	0	0	0	0
907-07	0	0	0	0	10.5	0	0	0	0
908-01	1	1	0	0	18.8	10	10	0	0
908-02	1	1	0	0	16.3	12	12	0	0
908-03	0	0	0	0	12.5	0	0	0	0
908-04	1	1	0	0	14.8	6	6	0	0
908-05	1	1	0	0	15.6	65	65	0	0
908-06	0	0	0	0	9.7	0	0	0	0
908-07	0	0	0	0	9.6	0	0	0	0
909-01	2	2	0	0	14.7	603	603	0	0
909-02	1	1	0	0	10.2	37	37	0	0
909-02B	2	1	0	1	6.7	16	12	0	4
910-01	0	0	0	0	12.4	0	0	0	0
911-01	1	1	0	0	18.8	10	10	0	0
912-01	4	3	1	0	22.2	1265	121	1144	0
912-02	1	1	0	0	18.2	56	56	0	0
913-01	0	0	0	0	22.9	0	0	0	0
913-02	1	1	0	0	25.2	8	8	0	0
913-03	1	0	0	1	22.1	21	0	0	21
913-04	1	1	0	0	19.6	77	77	0	0
913-05	1	0	1	0	14.4	2441	0	2441	0
913-06	0	0	0	0	8.1	0	0	0	0
913-07	0	0	0	0	12.1	0	0	0	0

0.0 = <0.1

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

INBL1MAR.WR1

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
84900									
901-01	1	0	1	0	16.7	12	0	12	0
901-02	7	4	3	0	24.7	188	183	5	0
901-03	2	2	0	0	10.5	78	78	0	0
901-04	0	0	0	0	7.9	0	0	0	0
902-01	1	0	0	1	5.1	5	0	0	5
903-01	0	0	0	0	12.3	0	0	0	0
904-01	0	0	0	0	13.3	0	0	0	0
905-01	0	0	0	0	12.3	0	0	0	0
905-02	0	0	0	0	11.2	0	0	0	0
906-01	1	1	0	0	16.0	63	63	0	0
906-02	0	0	0	0	5.6	0	0	0	0
906-03	0	0	0	0	4.1	0	0	0	0
907-01	0	0	0	0	19.2	0	0	0	0
907-02	0	0	0	0	15.6	0	0	0	0
907-03	0	0	0	0	14.8	0	0	0	0
907-04	0	0	0	0	19.2	0	0	0	0
907-05	1	1	0	0	19.9	4	4	0	0
907-06	0	0	0	0	7.6	0	0	0	0
907-07	0	0	0	0	10.5	0	0	0	0
908-01	1	1	0	0	18.8	10	10	0	0
908-02	1	1	0	0	16.3	12	12	0	0
908-03	0	0	0	0	12.5	0	0	0	0
908-04	1	1	0	0	14.8	6	6	0	0
908-05	1	1	0	0	15.6	65	65	0	0
908-06	0	0	0	0	9.7	0	0	0	0
908-07	0	0	0	0	9.6	0	0	0	0
909-01	2	2	0	0	14.7	603	603	0	0
909-02	1	1	0	0	10.2	37	37	0	0
909-02B	2	1	0	1	5.7	16	12	0	4
910-01	0	0	0	0	12.4	0	0	0	0
911-01	1	1	0	0	18.8	10	10	0	0
912-01	4	3	1	0	22.2	1265	121	1144	0
912-02	1	1	0	0	18.2	56	56	0	0
913-01	0	0	0	0	22.9	0	0	0	0
913-02	1	1	0	0	25.2	8	8	0	0
913-03	1	0	0	1	22.1	21	0	0	21
913-04	1	1	0	0	19.6	77	77	0	0
913-05	1	0	1	0	14.4	2441	0	2441	0
913-06	0	0	0	0	8.1	0	0	0	0
913-07	0	0	0	0	12.1	0	0	0	0

0.0 = <0.1

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

INBL1MAR.WR1

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
84900									
901-01	1	0	1	0	16.7	12	0	12	0
901-02	7	4	3	0	24.7	188	183	5	0
901-03	2	2	0	0	10.5	78	78	0	0
901-04	0	0	0	0	7.9	0	0	0	0
902-01	1	0	0	1	5.1	5	0	0	5
903-01	0	0	0	0	12.3	0	0	0	0
904-01	0	0	0	0	13.3	0	0	0	0
905-01	0	0	0	0	12.3	0	0	0	0
905-02	0	0	0	0	11.2	0	0	0	0
906-01	1	1	0	0	16.0	63	63	0	0
906-02	0	0	0	0	5.6	0	0	0	0
906-03	0	0	0	0	4.1	0	0	0	0
907-01	0	0	0	0	19.2	0	0	0	0
907-02	0	0	0	0	15.6	0	0	0	0
907-03	0	0	0	0	14.8	0	0	0	0
907-04	0	0	0	0	19.2	0	0	0	0
907-05	1	1	0	0	19.9	4	4	0	0
907-06	0	0	0	0	7.6	0	0	0	0
907-07	0	0	0	0	10.5	0	0	0	0
908-01	1	1	0	0	18.8	10	10	0	0
908-02	1	1	0	0	16.3	12	12	0	0
908-03	0	0	0	0	12.5	0	0	0	0
908-04	1	1	0	0	14.8	6	6	0	0
908-05	1	1	0	0	15.6	65	65	0	0
908-06	0	0	0	0	9.7	0	0	0	0
908-07	0	0	0	0	9.6	0	0	0	0
909-01	2	2	0	0	14.7	603	603	0	0
909-02	1	1	0	0	10.2	37	37	0	0
909-02B	2	1	0	1	6.7	16	12	0	4
910-01	0	0	0	0	12.4	0	0	0	0
911-01	1	1	0	0	18.8	10	10	0	0
912-01	4	3	1	0	22.2	1265	121	1144	0
912-02	1	1	0	0	18.2	56	56	0	0
913-01	0	0	0	0	22.9	0	0	0	0
913-02	1	1	0	0	25.2	8	8	0	0
913-03	1	0	0	1	22.1	21	0	0	21
913-04	1	1	0	0	19.6	77	77	0	0
913-05	1	0	1	0	14.4	2441	0	2441	0
913-06	0	0	0	0	8.1	0	0	0	0
913-07	0	0	0	0	12.1	0	0	0	0

0.0 = <0.1

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

.BL1APR.WR1

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
84900									
913-08	0	0	0	0	10.7	0	0	0	0
913-09	0	0	0	0	10.5	0	0	0	0
913-10	0	0	0	0	10.8	0	0	0	0
914-01	2	0	2	0	15.6	58	0	58	0
915-01	0	0	0	0	5.9	0	0	0	0
916-01	0	0	0	0	16.6	0	0	0	0
916-02	0	0	0	0	14.2	0	0	0	0
916-03	0	0	0	0	12.0	0	0	0	0
916-04	0	0	0	0	6.3	0	0	0	0
917-01	0	0	0	0	15.8	0	0	0	0
917-02	0	0	0	0	13.5	0	0	0	0
918-01	0	0	0	0	16.2	0	0	0	0
918-02	0	0	0	0	18.6	0	0	0	0
918-03	4	4	0	0	14.3	315	315	0	0
918-04	3	1	1	1	12.7	217	187	15	15
918-05	5	3	2	0	12.1	563	123	440	0
918-06	2	1	1	0	9.8	106	103	2	0
918-07	0	0	0	0	14.5	0	0	0	0
919-01	0	0	0	0	14.0	0	0	0	0
919-02	0	0	0	0	13.9	0	0	0	0
920-01	0	0	0	0	13.8	0	0	0	0
920-02	0	0	0	0	14.0	0	0	0	0
920-03	2	2	0	0	20.9	230	230	0	0
920-04	2	2	0	0	11.3	515	515	0	0
920-05	1	1	0	0	14.2	74	74	0	0
922-01	2	2	0	0	12.5	994	994	0	0
922-02	1	1	0	0	16.4	145	145	0	0
923-01	0	0	0	0	5.8	0	0	0	0
924-01	0	0	0	0	16.6	0	0	0	0
924-02	0	0	0	0	14.3	0	0	0	0
924-03	0	0	0	0	5.2	0	0	0	0
925-01	0	0	0	0	4.2	0	0	0	0
926-01	0	0	0	0	11.2	0	0	0	0
926A-0	0	0	0	0	16.9	0	0	0	0
926A-0	0	0	0	0	15.3	0	0	0	0
926A-0	0	0	0	0	7.9	0	0	0	0
927-01	0	0	0	0	15.4	0	0	0	0
927-02	0	0	0	0	19.6	0	0	0	0
929-01	0	0	0	0	15.7	0	0	0	0
930-01	0	0	0	0	18.2	0	0	0	0

0.0 = <0.1

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

INBL1APR.WR1

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
64900									
913-08	0	0	0	0	10.7	0	0	0	0
913-09	0	0	0	0	10.5	0	0	0	0
913-10	0	0	0	0	10.8	0	0	0	0
914-01	2	0	2	0	15.6	58	0	58	0
915-01	0	0	0	0	5.9	0	0	0	0
916-01	0	0	0	0	16.6	0	0	0	0
916-02	0	0	0	0	14.2	0	0	0	0
916-03	0	0	0	0	12.0	0	0	0	0
916-04	0	0	0	0	6.3	0	0	0	0
917-01	0	0	0	0	15.8	0	0	0	0
917-02	0	0	0	0	13.5	0	0	0	0
918-01	0	0	0	0	16.2	0	0	0	0
918-02	0	0	0	0	18.6	0	0	0	0
918-03	4	4	0	0	14.3	315	315	0	0
918-04	3	1	1	1	12.7	217	187	15	15
918-05	5	3	2	0	12.1	563	123	440	0
918-06	2	1	1	0	9.8	106	103	2	0
918-07	0	0	0	0	14.5	0	0	0	0
919-01	0	0	0	0	14.0	0	0	0	0
919-02	0	0	0	0	13.9	0	0	0	0
920-01	0	0	0	0	13.8	0	0	0	0
920-02	0	0	0	0	14.0	0	0	0	0
920-03	2	2	0	0	20.9	230	230	0	0
920-04	2	2	0	0	11.3	515	515	0	0
920-05	1	1	0	0	14.2	74	74	0	0
922-01	2	2	0	0	12.5	994	994	0	0
922-02	1	1	0	0	16.4	145	145	0	0
923-01	0	0	0	0	5.8	0	0	0	0
924-01	0	0	0	0	16.6	0	0	0	0
924-02	0	0	0	0	14.3	0	0	0	0
924-03	0	0	0	0	5.2	0	0	0	0
925-01	0	0	0	0	4.2	0	0	0	0
926-01	0	0	0	0	11.2	0	0	0	0
926A-0	0	0	0	0	16.9	0	0	0	0
926A-0	0	0	0	0	15.3	0	0	0	0
926A-0	0	0	0	0	7.9	0	0	0	0
927-01	0	0	0	0	15.4	0	0	0	0
927-02	0	0	0	0	19.6	0	0	0	0
929-01	0	0	0	0	15.7	0	0	0	0
930-01	0	0	0	0	18.2	0	0	0	0

0.0 = <0.1

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

.NBL1APR.WR1

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
E4900									
913-08	0	0	0	0	10.7	0	0	0	0
913-09	0	0	0	0	10.5	0	0	0	0
913-10	0	0	0	0	10.8	0	0	0	0
914-01	2	0	2	0	15.6	58	0	58	0
915-01	0	0	0	0	5.9	0	0	0	0
916-01	0	0	0	0	16.6	0	0	0	0
916-02	0	0	0	0	14.2	0	0	0	0
916-03	0	0	0	0	12.0	0	0	0	0
916-04	0	0	0	0	6.3	0	0	0	0
917-01	0	0	0	0	15.8	0	0	0	0
917-02	0	0	0	0	13.5	0	0	0	0
918-01	0	0	0	0	16.2	0	0	0	0
918-02	0	0	0	0	18.6	0	0	0	0
918-03	4	4	0	0	14.3	315	315	0	0
918-04	3	1	1	1	12.7	217	187	15	15
918-05	5	3	2	0	12.1	563	123	440	0
918-06	2	1	1	0	9.8	106	103	2	0
918-07	0	0	0	0	14.5	0	0	0	0
919-01	0	0	0	0	14.0	0	0	0	0
919-02	0	0	0	0	13.9	0	0	0	0
920-01	0	0	0	0	13.8	0	0	0	0
920-02	0	0	0	0	14.0	0	0	0	0
920-03	2	2	0	0	20.9	230	230	0	0
920-04	2	2	0	0	11.3	515	515	0	0
920-05	1	1	0	0	14.2	74	74	0	0
922-01	2	2	0	0	12.5	994	994	0	0
922-02	1	1	0	0	16.4	145	145	0	0
923-01	0	0	0	0	5.8	0	0	0	0
924-01	0	0	0	0	16.5	0	0	0	0
924-02	0	0	0	0	14.3	0	0	0	0
924-03	0	0	0	0	5.2	0	0	0	0
925-01	0	0	0	0	4.2	0	0	0	0
926-01	0	0	0	0	11.2	0	0	0	0
926A-0	0	0	0	0	16.9	0	0	0	0
926A-0	0	0	0	0	15.3	0	0	0	0
926A-0	0	0	0	0	7.9	0	0	0	0
927-01	0	0	0	0	15.4	0	0	0	0
927-02	0	0	0	0	19.8	0	0	0	0
929-01	0	0	0	0	15.7	0	0	0	0
930-01	0	0	0	0	18.2	0	0	0	0

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

NBL1AFR.WR1

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
64900									
913-08	0	0	0	0	10.7	0	0	0	0
913-09	0	0	0	0	10.5	0	0	0	0
913-10	0	0	0	0	10.8	0	0	0	0
914-01	2	0	2	0	15.6	58	0	58	0
915-01	0	0	0	0	5.9	0	0	0	0
916-01	0	0	0	0	16.6	0	0	0	0
916-02	0	0	0	0	14.2	0	0	0	0
916-03	0	0	0	0	12.0	0	0	0	0
916-04	0	0	0	0	6.3	0	0	0	0
917-01	0	0	0	0	15.8	0	0	0	0
917-02	0	0	0	0	13.5	0	0	0	0
918-01	0	0	0	0	16.2	0	0	0	0
918-02	0	0	0	0	18.6	0	0	0	0
918-03	4	4	0	0	14.3	315	315	0	0
918-04	3	1	1	1	12.7	217	187	15	15
918-05	5	3	2	0	12.1	563	123	440	0
918-06	2	1	1	0	9.8	106	103	2	0
918-07	0	0	0	0	14.5	0	0	0	0
919-01	0	0	0	0	14.0	0	0	0	0
919-02	0	0	0	0	13.9	0	0	0	0
920-01	0	0	0	0	13.8	0	0	0	0
920-02	0	0	0	0	14.0	0	0	0	0
920-03	2	2	0	0	20.9	230	230	0	0
920-04	2	2	0	0	11.3	515	515	0	0
920-05	1	1	0	0	14.2	74	74	0	0
921-01	2	2	0	0	12.5	994	994	0	0
921-02	1	1	0	0	16.4	145	145	0	0
923-01	0	0	0	0	5.8	0	0	0	0
924-01	0	0	0	0	16.6	0	0	0	0
924-02	0	0	0	0	14.3	0	0	0	0
924-03	0	0	0	0	5.2	0	0	0	0
925-01	0	0	0	0	4.2	0	0	0	0
926-01	0	0	0	0	11.2	0	0	0	0
926A-0	0	0	0	0	16.9	0	0	0	0
926A-0	0	0	0	0	15.3	0	0	0	0
926A-0	0	0	0	0	7.9	0	0	0	0
927-01	0	0	0	0	15.4	0	0	0	0
927-02	0	0	0	0	19.6	0	0	0	0
929-01	0	0	0	0	15.7	0	0	0	0
930-01	0	0	0	0	18.2	0	0	0	0

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

.NBLZAPR.WR1

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
84900									
932-01	0	0	0	0	11.0	0	0	0	0
932-02	0	0	0	0	12.8	0	0	0	0
933-01	0	0	0	0	9.0	0	0	0	0
933-02	0	0	0	0	14.9	0	0	0	0
933-03	1	1	0	0	11.0	67	67	0	0
934-01	0	0	0	0	5.1	0	0	0	0
935-01	0	0	0	0	14.8	0	0	0	0
936-01	0	0	0	0	16.1	0	0	0	0
936-02	1	1	0	0	14.0	6	6	0	0
937-01	0	0	0	0	15.9	0	0	0	0
937-02	0	0	0	0	10.6	0	0	0	0
938-01	0	0	0	0	17.1	0	0	0	0
938-02	0	0	0	0	18.3	0	0	0	0
939-01	0	0	0	0	17.7	0	0	0	0
939-02	3	0	3	0	17.6	6370	0	6370	0
939-03	2	2	0	0	16.3	235	235	0	0
939-04	0	0	0	0	17.9	0	0	0	0
939-05	0	0	0	0	19.4	0	0	0	0
939-06	1	0	1	0	15.7	47	0	47	0
939-07	0	0	0	0	15.9	0	0	0	0
939-08	0	0	0	0	12.5	0	0	0	0
939-09	0	0	0	0	18.3	0	0	0	0
939-10	0	0	0	0	16.5	0	0	0	0
939-11	0	0	0	0	12.6	0	0	0	0
939-12	0	0	0	0	13.0	0	0	0	0
939-13	0	0	0	0	10.5	0	0	0	0
939-14	0	0	0	0	9.3	0	0	0	0
939-15	0	0	0	0	11.1	0	0	0	0
939-16	0	0	0	0	6.7	0	0	0	0
939-17	0	0	0	0	10.2	0	0	0	0
939-18	0	0	0	0	11.2	0	0	0	0
939-19	3	3	0	0	15.2	313	313	0	0
939-20	0	0	0	0	9.3	0	0	0	0
939-21	0	0	0	0	13.0	0	0	0	0

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

\NBL2APR.WR1

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
84900									
932-01	0	0	0	0	11.0	0	0	0	0
932-02	0	0	0	0	12.8	0	0	0	0
933-01	0	0	0	0	9.0	0	0	0	0
933-02	0	0	0	0	14.9	0	0	0	0
933-03	1	1	0	0	11.0	67	67	0	0
934-01	0	0	0	0	5.1	0	0	0	0
935-01	0	0	0	0	14.8	0	0	0	0
936-01	0	0	0	0	16.1	0	0	0	0
936-02	1	1	0	0	14.0	6	6	0	0
937-01	0	0	0	0	15.9	0	0	0	0
937-02	0	0	0	0	10.6	0	0	0	0
938-01	0	0	0	0	17.1	0	0	0	0
938-02	0	0	0	0	18.3	0	0	0	0
939-01	0	0	0	0	17.7	0	0	0	0
939-02	3	0	3	0	17.6	6370	0	6370	0
939-03	2	2	0	0	16.3	235	235	0	0
939-04	0	0	0	0	17.9	0	0	0	0
939-05	0	0	0	0	19.4	0	0	0	0
939-06	1	0	1	0	15.7	47	0	47	0
939-07	0	0	0	0	15.9	0	0	0	0
939-08	0	0	0	0	12.5	0	0	0	0
939-09	0	0	0	0	18.3	0	0	0	0
939-10	0	0	0	0	16.5	0	0	0	0
939-11	0	0	0	0	12.6	0	0	0	0
939-12	0	0	0	0	13.0	0	0	0	0
939-13	0	0	0	0	10.5	0	0	0	0
939-14	0	0	0	0	9.3	0	0	0	0
939-15	0	0	0	0	11.1	0	0	0	0
939-16	0	0	0	0	6.7	0	0	0	0
939-17	0	0	0	0	10.2	0	0	0	0
939-18	0	0	0	0	11.2	0	0	0	0
939-19	3	3	0	0	15.2	313	313	0	0
939-20	0	0	0	0	9.3	0	0	0	0
939-21	0	0	0	0	13.0	0	0	0	0

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

INBL2APR.WR1

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
64700									
932-01	0	0	0	0	11.0	0	0	0	0
932-02	0	0	0	0	12.8	0	0	0	0
933-01	0	0	0	0	9.0	0	0	0	0
933-02	0	0	0	0	14.9	0	0	0	0
933-03	1	1	0	0	11.0	67	67	0	0
934-01	0	0	0	0	5.1	0	0	0	0
935-01	0	0	0	0	14.8	0	0	0	0
936-01	0	0	0	0	16.1	0	0	0	0
936-02	1	1	0	0	14.0	6	6	0	0
937-01	0	0	0	0	15.9	0	0	0	0
937-02	0	0	0	0	10.6	0	0	0	0
938-01	0	0	0	0	17.1	0	0	0	0
938-02	0	0	0	0	18.3	0	0	0	0
939-01	0	0	0	0	17.7	0	0	0	0
939-02	3	0	3	0	17.6	6370	0	6370	0
939-03	2	2	0	0	16.3	235	235	0	0
939-04	0	0	0	0	17.9	0	0	0	0
939-05	0	0	0	0	19.4	0	0	0	0
939-06	1	0	1	0	15.7	47	0	47	0
939-07	0	0	0	0	15.9	0	0	0	0
939-08	0	0	0	0	12.5	0	0	0	0
939-09	0	0	0	0	18.3	0	0	0	0
939-10	0	0	0	0	16.5	0	0	0	0
939-11	0	0	0	0	12.6	0	0	0	0
939-12	0	0	0	0	13.0	0	0	0	0
939-13	0	0	0	0	10.5	0	0	0	0
939-14	0	0	0	0	9.3	0	0	0	0
939-15	0	0	0	0	11.1	0	0	0	0
939-16	0	0	0	0	6.7	0	0	0	0
939-17	0	0	0	0	10.2	0	0	0	0
939-18	0	0	0	0	11.2	0	0	0	0
939-19	3	3	0	0	15.2	313	313	0	0
939-20	0	0	0	0	9.3	0	0	0	0
939-21	0	0	0	0	13.0	0	0	0	0

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL1MAR.WR1
TOTAL # OF PANNINGS 9

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG	CALC V.G. ASSAY PPB	REMARKS
B4900													
901-01	N	50 X 50	10 C			1				1			
										1	16.65	12	
901-02	Y	25 X 25	5 C			2				2			EST. 2% PYRITE
		25 X 50	8 C	1		1				2			EST. 5 GRAINS ARSENOPYRITE
		50 X 50	10 C	1						1			
		50 X 150	25 M	1						1			
		100 X 125	25 M		1					1			
										7	24.7	188	
901-03	Y	25 X 50	8 C	1						1			EST. 2% PYRITE
		25 X 100	25 M	1						1			1 GRAIN GALENA
										2	10.5	78	
901-04	N	NO VISIBLE GOLD											
902-01	N	25 X 25	5 C					1		1			EST. 3% PYRITE 1 GRAIN ARSENOPYRITE
										1	5.1	5	
903-01	N	NO VISIBLE GOLD											1 GRAIN GALENA 20 GRAINS ARSENOPYRITE
904-01	N	NO VISIBLE GOLD											
905-01	N	NO VISIBLE GOLD											
905-02	Y	NO VISIBLE GOLD											EST. 10% PYRITE
906-01	N	75 X 100	18 C	1						1			
										1	16	63	
906-02	N	NO VISIBLE GOLD											
906-03	N	NO VISIBLE GOLD											10 GRAINS ARSENOPYRITE
907-01	N	NO VISIBLE GOLD											
907-02	N	NO VISIBLE GOLD											EST. 10 GRAINS ARSENOPYRITE
907-03	N	NO VISIBLE GOLD											EST. 5 GR. ARSENOPYRITE

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL1MAR.WR1
TOTAL # OF PANNINGS 9

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
84900													
907-04	N	NO VISIBLE GOLD											
907-05	N	25 X 50	8 C	1						1			
										1	19.9	4	
907-06	N	NO VISIBLE GOLD											
907-07	N	NO VISIBLE GOLD											
908-01	N	50 X 50	10 C	1						1			
										1	18.8	10	
908-02	N	25 X 75	10 C	1						1			
										1	16.3	12	
908-03	N	NO VISIBLE GOLD											
908-04	N	25 X 50	8 C	1						1			
										1	14.8	6	
908-05	N	75 X 100	18 C	1						1			
										1	15.6	65	
908-06	N	NO VISIBLE GOLD											
908-07	N	NO VISIBLE GOLD											
909-01	Y	25 X 50	5 C	1						1			EST. 1% PYRITE
		75 X 175	75 M	1						1			10 GRAINS GALENA
										2	14.7	603	5 GRAINS ARSENOPYRITE
909-02	N	50 X 75	15 C	1						1			EST. 3% PYRITE
										1	16.2	37	
909-03	Y	25 X 25	5 C					1		1			EST. 1% PYRITE
		25 X 50	8 C	1						1			
										2	8.7	16	

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL1MAR.WR1
TOTAL # OF PANNINGS 9

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG BMS	CALC V.G. ASSAY PPB	REMARKS
84900													
901-01	N	50 X 50	10 C			1				1			
										1	16.65	12	
901-02	Y	25 X 25	5 C			2				2			EST. 2% PYRITE
		25 X 50	8 C	1		1				2			EST. 5 GRAINS ARSENOPYRITE
		50 X 50	10 C	1						1			
		50 X 150	25 M	1						1			
		100 X 125	25 M		1					1			
										7	24.7	188	
901-03	Y	25 X 50	8 C	1						1			EST. 2% PYRITE
		25 X 100	25 M	1						1			1 GRAIN GALENA
										2	10.5	78	
901-04	N	NO VISIBLE GOLD											
902-01	N	25 X 25	5 C					1		1			EST. 3% PYRITE 1 GRAIN ARSENOPYRITE
										1	5.1	5	
903-01	N	NO VISIBLE GOLD											1 GRAIN GALENA 20 GRAINS ARSENOPYRITE
904-01	N	NO VISIBLE GOLD											
905-01	N	NO VISIBLE GOLD											
905-02	Y	NO VISIBLE GOLD											EST. 10% PYRITE
906-01	N	75 X 100	19 C	1						1			
										1	16	63	
906-02	N	NO VISIBLE GOLD											
906-03	N	NO VISIBLE GOLD											10 GRAINS ARSENOPYRITE
907-01	N	NO VISIBLE GOLD											
907-02	N	NO VISIBLE GOLD											EST. 10 GRAINS ARSENOPYRITE
907-03	N	NO VISIBLE GOLD											EST. 5 GR. ARSENOPYRITE

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL1MAR.WR1
TOTAL # OF PANNINGS 9

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS: RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY FPB	REMARKS
84900													
901-01	N	50 X 50	10 C			1				1			
										1	16.65	12	
901-02	Y	25 X 25	5 C			2				2			EST. 2% PYRITE
		25 X 50	8 C	1		1				2			EST. 5 GRAINS ARSENOPYRITE
		50 X 50	10 C	1						1			
		50 X 150	25 M	1						1			
		100 X 125	25 M		1					1			
										7	24.7	188	
901-03	Y	25 X 50	8 C	1						1			EST. 2% PYRITE
		25 X 100	25 M	1						1			1 GRAIN GALENA
										2	10.5	78	
901-04	N	NO VISIBLE GOLD											
902-01	N	25 X 25	5 C					1		1			EST. 3% PYRITE 1 GRAIN ARSENOPYRITE
										1	5.1	5	
903-01	N	NO VISIBLE GOLD											1 GRAIN GALENA 20 GRAINS ARSENOPYRITE
904-01	N	NO VISIBLE GOLD											
905-01	N	NO VISIBLE GOLD											
905-02	Y	NO VISIBLE GOLD											EST. 10% PYRITE
906-01	N	75 X 100	18 C	1						1			
										1	16	63	
906-02	N	NO VISIBLE GOLD											
906-03	N	NO VISIBLE GOLD											10 GRAINS ARSENOPYRITE
907-01	N	NO VISIBLE GOLD											
907-02	N	NO VISIBLE GOLD											EST. 10 GRAINS ARSENOPYRITE
907-03	N	NO VISIBLE GOLD											EST. 5 GR. ARSENOPYRITE

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBLIMAR.WR1
TOTAL # OF PANNINGS 9

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
84900													
901-01	N	50 X 50	10 C			1				1			
										1	16.65	12	
901-02	Y	25 X 25	5 C			2				2			EST. 2% PYRITE
		25 X 50	8 C	1		1				2			EST. 5 GRAINS ARSENOPYRITE
		50 X 50	10 C	1						1			
		50 X 150	25 M	1						1			
		100 X 125	25 M		1					1			
										7	24.7	188	
901-03	Y	25 X 50	8 C	1						1			EST. 2% PYRITE
		25 X 100	25 M	1						1			1 GRAIN GALENA
										2	10.5	78	
901-04	N	NO VISIBLE GOLD											
902-01	N	25 X 25	8 C					1		1			EST. 3% PYRITE 1 GRAIN ARSENOPYRITE
										1	5.1	5	
903-01	N	NO VISIBLE GOLD											1 GRAIN GALENA 20 GRAINS ARSENOPYRITE
904-01	N	NO VISIBLE GOLD											
905-01	N	NO VISIBLE GOLD											
905-02	Y	NO VISIBLE GOLD											EST. 10% PYRITE
906-01	N	75 X 100	18 C	1						1			
										1	16	63	
906-02	N	NO VISIBLE GOLD											
906-03	N	NO VISIBLE GOLD											10 GRAINS ARSENOPYRITE
907-01	N	NO VISIBLE GOLD											
907-02	N	NO VISIBLE GOLD											EST. 10 GRAINS ARSENOPYRITE
907-03	N	NO VISIBLE GOLD											EST. 5 GR. ARSENOPYRITE

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL1MAR.WR1
TOTAL # OF PANNINGS 9

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
B4900													
907-04	N	NO VISIBLE GOLD											
907-05	N	25 X 50	8 C	1						1			
										1	19.9	4	
907-06	N	NO VISIBLE GOLD											
907-07	N	NO VISIBLE GOLD											
908-01	N	50 X 50	10 C	1						1			
										1	18.8	10	
908-02	N	25 X 75	10 C	1						1			
										1	16.3	12	
908-03	N	NO VISIBLE GOLD											
908-04	N	25 X 50	8 C	1						1			
										1	14.8	6	
908-05	N	75 X 100	18 C	1						1			
										1	15.6	65	
908-06	N	NO VISIBLE GOLD											
908-07	N	NO VISIBLE GOLD											
909-01	Y	25 X 50	8 C	1						1			EST. 1% PYRITE
		75 X 175	75 M	1						1			10 GRAINS GALENA
													5 GRAINS ARSENOPYRITE
										2	14.7	603	
909-02	N	50 X 75	13 C	1						1			EST. 3% PYRITE
										1	10.2	37	
909-02B	Y	25 X 25	5 C					1		1			EST. 1% PYRITE
		25 X 50	8 C	1						1			
										2	8.7	15	

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL1MAR.WR1
TOTAL # OF PANNINGS 9

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
84900													
907-04	N	NO VISIBLE GOLD											
907-05	N	25 X 50	8 C	1						1			
										1	19.9	4	
907-06	N	NO VISIBLE GOLD											
907-07	N	NO VISIBLE GOLD											
908-01	N	50 X 50	10 C	1						1			
										1	18.8	10	
908-02	N	25 X 75	10 C	1						1			
										1	16.3	12	
908-03	N	NO VISIBLE GOLD											
908-04	N	25 X 50	8 C	1						1			
										1	14.8	6	
908-05	N	75 X 100	12 C	1						1			
										1	15.6	65	
908-06	N	NO VISIBLE GOLD											
908-07	N	NO VISIBLE GOLD											
909-01	Y	25 X 50	8 C	1						1			EST. 1% PYRITE
		75 X 175	75 M	1						1			10 GRAINS GALENA
													5 GRAINS ARSENOPYRITE
										2	14.7	602	
909-02	N	50 X 75	10 C	1						1			EST. 3% PYRITE
										1	10.2	37	
909-03	Y	25 X 25	5 C					1		1			EST. 1% PYRITE
		25 X 50	8 C	1						1			
										2	8.7	16	

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL1MAR.WR1
TOTAL # OF PANNINGS 9

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
84900													
907-04	N	NO VISIBLE GOLD											
907-05	N	25 X 50	8 C	1						1			
										1	19.9	4	
907-06	N	NO VISIBLE GOLD											
907-07	N	NO VISIBLE GOLD											
908-01	N	50 X 50	10 C	1						1			
										1	18.8	10	
908-02	N	25 X 75	10 C	1						1			
										1	16.3	12	
908-03	N	NO VISIBLE GOLD											
908-04	N	25 X 50	8 C	1						1			
										1	14.8	6	
908-05	N	75 X 100	18 C	1						1			
										1	15.6	65	
908-06	N	NO VISIBLE GOLD											
908-07	N	NO VISIBLE GOLD											
909-01	Y	25 X 50	8 C	1						1			EST. 1% PYRITE
		75 X 175	75 M	1						1			10 GRAINS GALENA
													5 GRAINS ARSENOPYRITE
										2	14.7	603	
909-02	N	50 X 75	13 C	1						1			EST. 3% PYRITE
										1	10.2	37	
909-03	Y	25 X 25	5 C						1	1			EST. 1% PYRITE
		25 X 50	8 C	1						1			
										2	8.7	1	

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL1MAR.WR1
TOTAL # OF PANNINGS 9

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
84900													
910-01	Y	NO VISIBLE GOLD											EST. 10% PYRITE
911-01	N	50 X 50	10 C	1						1			
										1	18.8	10	
912-01	Y	25 X 75	10 C	1						1			EST. 1% PYRITE
		50 X 75	13 C	1						1			
		100 X 125	22 C	1						1			
		175 X 250	75 M			1				1			
										4	22.2	1265	
912-02	Y	75 X 100	18 C	1						1			EST. 10% PYRITE
										1	18.2	56	
913-01	N	NO VISIBLE GOLD											
913-02	N	50 X 50	10 C	1						1			
										1	25.2	8	
913-03	N	50 X 50	25 M					1		1			EST. 1% PYRITE 20 GRAINE GALENA
										1	22.1	21	
913-04	N	100 X 100	20 C	1						1			
										1	19.6	77	
913-05	Y	250 X 250	75 M			1				1			EST. 5 GRAINS GALENA
										1	14.4	2441	
913-06	N	NO VISIBLE GOLD											
913-07	N	NO VISIBLE GOLD											

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL1MAR.WR1
TOTAL # OF PANNINGS 9

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
B4900													
910-01	Y	NO VISIBLE GOLD											EST. 10% PYRITE
911-01	N	50 X 50	10 C	1						1			
										1	18.8	10	
912-01	Y	25 X 75	10 C	1						1			EST. 1% PYRITE
		50 X 75	13 C	1						1			
		100 X 125	22 C	1						1			
		175 X 250	75 M			1				1			
										4	22.2	1265	
912-02	Y	75 X 100	18 C	1						1			EST. 10% PYRITE
										1	18.2	56	
913-01	N	NO VISIBLE GOLD											
913-02	N	50 X 50	10 C	1						1			
										1	25.2	8	
913-03	N	50 X 50	25 M					1		1			EST. 1% PYRITE 20 GRAINS GALENA
										1	22.1	21	
913-04	N	100 X 100	20 C	1						1			
										1	19.6	77	
913-05	Y	250 X 250	75 M			1				1			EST. 5 GRAINS GALENA
										1	14.4	2441	
913-06	N	NO VISIBLE GOLD											
913-07	N	NO VISIBLE GOLD											

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL1MAR.WR1 NUMBER OF GRAINS

TOTAL # OF PANNINGS 9

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
84900													
910-01	Y	NO VISIBLE GOLD											EST. 10% PYRITE
911-01	N	50 X 50	10 C	1						1			
										1	18.8	10	
912-01	Y	25 X 75	10 C	1						1			EST. 1% PYRITE
		50 X 75	13 C	1						1			
		100 X 125	22 C	1						1			
		175 X 250	75 M			1				1			
										4	22.2	1265	
912-02	Y	75 X 100	18 C	1						1			EST. 10% PYRITE
										1	19.2	56	
913-01	N	NO VISIBLE GOLD											
913-02	N	50 X 50	10 C	1						1			
										1	25.2	8	
913-03	N	50 X 50	25 M					1		1			EST. 1% PYRITE 20 GRAINS GALENA
										1	22.1	21	
913-04	N	100 X 100	20 C	1						1			
										1	19.6	77	
913-05	Y	250 X 350	75 M			1				1			EST. 5 GRAINS GALENA
										1	14.4	2441	
913-06	N	NO VISIBLE GOLD											
913-07	N	NO VISIBLE GOLD											

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBLIMAR.WR1
TOTAL # OF PANNINGS 9

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
B4900													
910-01	Y	NO VISIBLE GOLD											EST. 10% PYRITE
911-01	N	50 X 50	10 C	1						1			
										1	18.8	10	
912-01	Y	25 X 75	10 C	1						1			EST. 1% PYRITE
		50 X 75	13 C	1						1			
		100 X 125	22 C	1						1			
		175 X 250	75 M			1				1			
										4	22.2	1265	
912-02	Y	75 X 100	18 C	1						1			EST. 10% PYRITE
										1	18.2	56	
913-01	N	NO VISIBLE GOLD											
913-02	N	50 X 50	10 C	1						1			
										1	25.2	8	
913-03	N	50 X 50	25 M					1		1			EST. 1% PYRITE 20 GRAINS GALENA
										1	22.1	21	
913-04	N	100 X 100	20 C	1						1			
										1	19.6	77	
913-05	Y	250 X 250	75 M			1				1			EST. 5 GRAINS GALENA
										1	14.4	2441	
913-06	N	NO VISIBLE GOLD											
913-07	N	NO VISIBLE GOLD											

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL1APR.WR1
TOTAL # OF PANNINGS 9

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL NON MAG	CALC V.G. ASSAY GMS	ASSAY PPB	REMARKS
84900													
913-08	N	NO VISIBLE GOLD											
913-09	N	NO VISIBLE GOLD											
913-10	N	NO VISIBLE GOLD											
914-01	Y	25 X 50	25 M			1				1			EST. 3% PYRITE
		50 X 100	15 C			1				1			10 GRAINS OF ARSENOPYRITE
										2	15.6	58	
915-01	Y	NO VISIBLE GOLD											EST. 10% PYRITE
916-01	N	NO VISIBLE GOLD											
916-02	N	NO VISIBLE GOLD											
916-03	N	NO VISIBLE GOLD											
916-04	N	NO VISIBLE GOLD											
917-01	N	NO VISIBLE GOLD											
917-02	N	NO VISIBLE GOLD											
918-01	N	NO VISIBLE GOLD											
918-02	N	NO VISIBLE GOLD											
918-03	Y	25 X 25	5 C	1						1			EST. 1% PYRITE
		50 X 50	25 M	1	1					2			
		125 X 150	25 M	1						1			
										4	14.3	215	
918-04	Y	50 X 50	10 C					1	1	2			EST. 2% PYRITE
		100 X 125	25 M	1						1			30 GRAINS OF ARSENOPYRITE
										3	12.7	217	
918-05	Y	25 X 25	5 C			1				1			EST. 1.5% PYRITE
		50 X 75	25 M	1	1					2			
		100 X 100	20 C				1			1			
		125 X 150	25 C				1			1			

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL1APR.WR1
TOTAL # OF PANNINGS 9

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
B4900													
913-08	N	NO VISIBLE GOLD											
913-09	N	NO VISIBLE GOLD											
913-10	N	NO VISIBLE GOLD											
914-01	Y	25 X 50	25 M			1				1			EST. 3% PYRITE
		50 X 100	15 C			1				1			10 GRAINS OF ARSENOPYRITE
										2	15.6	58	
915-01	Y	NO VISIBLE GOLD											EST. 10% PYRITE
916-01	N	NO VISIBLE GOLD											
916-02	N	NO VISIBLE GOLD											
916-03	N	NO VISIBLE GOLD											
916-04	N	NO VISIBLE GOLD											
917-01	N	NO VISIBLE GOLD											
917-02	N	NO VISIBLE GOLD											
918-01	N	NO VISIBLE GOLD											
918-02	N	NO VISIBLE GOLD											
918-03	Y	25 X 25	5 C	1						1			EST. 1% PYRITE
		50 X 50	25 M	1	1					2			
		125 X 150	25 M	1						1			
										4	14.3	315	
919-04	Y	50 X 50	10 C					1	1	2			EST. 2% PYRITE
		100 X 125	25 M	1						1			30 GRAINS OF ARSENOPYRITE
										3	12.7	217	
919-05	Y	25 X 25	5 C		1					1			EST. 1.5% PYRITE
		50 X 75	25 M	1	1					2			
		100 X 110	20 C			1				1			
		125 X 150	17 C			1				1			

GOLD CLASSIFICATION

.ISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL1APR.WR1
TOTAL # OF PANNINGS 9

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
B4900													
913-08	N	NO VISIBLE GOLD											
913-09	N	NO VISIBLE GOLD											
913-10	N	NO VISIBLE GOLD											
914-01	Y	25 X 50	25 M			1				1			EST. 3% PYRITE
		50 X 100	15 C			1				1			10 GRAINS OF ARSENOPYRITE
										2	15.6	58	
915-01	Y	NO VISIBLE GOLD											EST. 10% PYRITE
916-01	N	NO VISIBLE GOLD											
916-02	N	NO VISIBLE GOLD											
916-03	N	NO VISIBLE GOLD											
916-04	N	NO VISIBLE GOLD											
917-01	N	NO VISIBLE GOLD											
917-02	N	NO VISIBLE GOLD											
918-01	N	NO VISIBLE GOLD											
918-02	N	NO VISIBLE GOLD											
918-03	Y	25 X 25	5 C	1						1			EST. 1% PYRITE
		50 X 50	25 M	1	1					2			
		125 X 150	25 M	1						1			
										4	14.3	215	
918-04	Y	50 X 50	10 C					1	1	2			EST. 2% PYRITE
		100 X 125	25 M	1						1			30 GRAINS OF ARSENOPYRITE
										3	12.7	217	
918-05	Y	25 X 25	5 C		1					1			EST. 1.5% PYRITE
		50 X 75	25 M	1	1					2			
		100 X 100	20 C			1				1			
		125 X 150	25 C			1				1			

GOLD CLASSIFICATION

ISIBLE GOLD FROM SHAKING TABLE AND PANNING

IN8L1APR.WR1

TOTAL # OF PANNINGS 9

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
34900													
913-08	N	NO VISIBLE GOLD											
913-09	N	NO VISIBLE GOLD											
913-10	N	NO VISIBLE GOLD											
914-01	Y	25 X 50	25 M			1				1			EST. 3% PYRITE
		50 X 100	15 C			1				1			10 GRAINS OF ARSENOPYRITE
										2	15.6	58	
915-01	Y	NO VISIBLE GOLD											EST. 10% PYRITE
916-01	N	NO VISIBLE GOLD											
916-02	N	NO VISIBLE GOLD											
916-03	N	NO VISIBLE GOLD											
916-04	N	NO VISIBLE GOLD											
917-01	N	NO VISIBLE GOLD											
917-02	N	NO VISIBLE GOLD											
918-01	N	NO VISIBLE GOLD											
918-02	N	NO VISIBLE GOLD											
918-03	Y	25 X 25	5 C	1						1			EST. 1% PYRITE
		50 X 50	25 M	1	1					2			
		125 X 150	25 M	1						1			
										4	14.3	215	
918-04	Y	50 X 50	10 C					1	1	2			EST. 2% PYRITE
		100 X 125	25 M	1						1			30 GRAINS OF ARSENOPYRITE
										3	12.7	217	
918-05	Y	25 X 25	5 C			1				1			EST. 1.5% PYRITE
		50 X 75	25 M	1		1				2			
		100 X 100	20 C				1			1			
		125 X 150	25 C				1			1			

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL1APR.WR1 NUMBER OF GRAINS

TOTAL # OF PANNINGS 9

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
84900										5	12.1	563	
918-06	Y	25 X 25	5 C			1				1			EST. 2% PYRITE
		75 X 100	18 C	1						1			30 GRAINS OF ARSENOPYRITE
										2	9.8	106	
918-07	N	NO VISIBLE GOLD											
919-01	N	NO VISIBLE GOLD											
919-02	N	NO VISIBLE GOLD											
920-01	N	NO VISIBLE GOLD											
920-02	N	NO VISIBLE GOLD											
920-03	Y	75 X 125	25 M	1						1			EST. 5% PYRITE
		100 X 150	25 M	1						1			
										2	20.9	230	
920-04	Y	25 X 50	8 C	1						1			EST. 2% PYRITE
		150 X 200	25 M	1						1			
										2	11.3	515	
920-05	N	50 X 100	25 M	1						1			
										1	14.2	74	
922-01	Y	100 X 150	25 M	1						1			EST. 2% PYRITE
		200 X 250	25 M	1						1			
										2	12.5	994	
922-02	N	100 X 125	25 M	1						1			
										1	16.4	145	
923-01	N	NO VISIBLE GOLD											
924-01	N	NO VISIBLE GOLD											
924-02	N	NO VISIBLE GOLD											

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL1APR.WR1
TOTAL # OF PANNINGS 9

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
84900										5	12.1	563	
918-06	Y	25 X 25	5 C			1				1			EST. 2% PYRITE
		75 X 100	18 C	1						1			30 GRAINS OF ARSENOPYRITE
										2	9.8	106	
915-07	N	NO VISIBLE GOLD											
919-01	N	NO VISIBLE GOLD											
919-02	N	NO VISIBLE GOLD											
920-01	N	NO VISIBLE GOLD											
920-02	N	NO VISIBLE GOLD											
920-03	Y	75 X 125	25 M	1						1			EST. 5% PYRITE
		100 X 150	25 M	1						1			
										2	20.9	230	
920-04	Y	25 X 50	8 C	1						1			EST. 2% PYRITE
		150 X 200	25 M	1						1			
										2	11.3	515	
920-05	N	50 X 100	25 M	1						1			
										1	14.2	74	
922-01	Y	100 X 150	25 M	1						1			EST. 2% PYRITE
		200 X 250	25 M	1						1			
										2	12.5	994	
922-02	N	100 X 125	25 M	1						1			
										1	16.4	145	
923-01	N	NO VISIBLE GOLD											
924-01	N	NO VISIBLE GOLD											
924-11	N	NO VISIBLE GOLD											

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL1APR.WR1

TOTAL # OF PANNINGS 9

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
84900										5	12.1	563	
918-06	Y	25 X 25	5 C			1				1			EST. 2% PYRITE
		75 X 100	18 C	1						1			30 GRAINS OF ARSENOPYRITE
										2	9.8	106	
918-07	N	NO VISIBLE GOLD											
919-01	N	NO VISIBLE GOLD											
919-02	N	NO VISIBLE GOLD											
920-01	N	NO VISIBLE GOLD											
920-02	N	NO VISIBLE GOLD											
920-03	Y	75 X 125	25 M	1						1			EST. 5% PYRITE
		100 X 150	25 M	1						1			
										2	20.9	230	
920-04	Y	25 X 50	8 C	1						1			EST. 2% PYRITE
		150 X 200	25 M	1						1			
										2	11.3	515	
920-05	N	50 X 100	25 M	1						1			
										1	14.2	74	
922-01	Y	100 X 150	25 M	1						1			EST. 2% PYRITE
		200 X 250	25 M	1						1			
										2	12.5	594	
922-02	N	100 X 125	25 M	1						1			
										1	16.4	145	
923-01	N	NO VISIBLE GOLD											
924-01	N	NO VISIBLE GOLD											
924-02	N	NO VISIBLE GOLD											

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL1APR.WR1
TOTAL # OF PANNINGS 9

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
84900										5	12.1	563	
918-06	Y	25 X 25	5 C			1				1			EST. 2% PYRITE
		75 X 100	18 C	1						1			30 GRAINS OF ARSENOPYRITE
										2	9.8	106	
918-07	N	NO VISIBLE GOLD											
919-01	N	NO VISIBLE GOLD											
919-02	N	NO VISIBLE GOLD											
920-01	N	NO VISIBLE GOLD											
920-02	N	NO VISIBLE GOLD											
920-03	Y	75 X 125	25 M	1						1			EST. 5% PYRITE
		100 X 150	25 M	1						1			
										2	20.9	230	
921-04	Y	25 X 50	6 C	1						1			EST. 2% PYRITE
		150 X 200	25 M	1						1			
										2	11.3	515	
921-05	N	50 X 100	25 M	1						1			
										1	14.2	74	
922-01	Y	100 X 150	25 M	1						1			EST. 2% PYRITE
		200 X 250	25 M	1						1			
										2	12.5	994	
922-02	N	100 X 125	25 M	1						1			
										1	16.4	145	
922-03	N	NO VISIBLE GOLD											
924-01	N	NO VISIBLE GOLD											
924-02	N	NO VISIBLE GOLD											

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL1APR.WR1
TOTAL # OF PANNINGS 9

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL NON MAG	CALC V.G. ASSAY GMS	ASSAY PPB	REMARKS
84900													
924-03	N	NO VISIBLE GOLD											
925-01	N	NO VISIBLE GOLD											
926-01	N	NO VISIBLE GOLD											
926A-01	N	NO VISIBLE GOLD											
926A-02	N	NO VISIBLE GOLD											
926A-03	N	NO VISIBLE GOLD											
927-01	N	NO VISIBLE GOLD											
927-02	N	NO VISIBLE GOLD											
929-01	N	NO VISIBLE GOLD											
931-01	N	NO VISIBLE GOLD											

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL1APR.WR1
TOTAL # OF PANNINGS 9

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
84900													
924-03	N	NO VISIBLE GOLD											
925-01	N	NO VISIBLE GOLD											
926-01	N	NO VISIBLE GOLD											
926A-01	N	NO VISIBLE GOLD											
926A-02	N	NO VISIBLE GOLD											
926A-03	N	NO VISIBLE GOLD											
927-01	N	NO VISIBLE GOLD											
927-02	N	NO VISIBLE GOLD											
929-01	N	NO VISIBLE GOLD											
930-01	N	NO VISIBLE GOLD											

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL1APR.WR1

TOTAL # OF PANNINGS 9

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL NON MAG	CALC V.G. ASSAY GMS	ASSAY PPB	REMARKS
84900													
924-03	N	NO VISIBLE GOLD											
925-01	N	NO VISIBLE GOLD											
926-01	N	NO VISIBLE GOLD											
926A-01	N	NO VISIBLE GOLD											
926A-02	N	NO VISIBLE GOLD											
926A-03	N	NO VISIBLE GOLD											
927-01	N	NO VISIBLE GOLD											
927-02	N	NO VISIBLE GOLD											
929-01	N	NO VISIBLE GOLD											
930-01	N	NO VISIBLE GOLD											

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL2APR.WR1
TOTAL # OF PANNINGS 3

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
64900													
932-01	N	NO VISIBLE GOLD											
932-02	N	NO VISIBLE GOLD											
933-01	N	NO VISIBLE GOLD											
933-02	N	NO VISIBLE GOLD											
933-03	N	50 X 75	25 M	1						1			
										1	11	67	
934-01	N	NO VISIBLE GOLD											
935-01	N	NO VISIBLE GOLD											
936-01	N	NO VISIBLE GOLD											
936-02	N	25 X 50	8 C	1						1			
										1	14	6	
937-01	N	NO VISIBLE GOLD											
937-02	N	NO VISIBLE GOLD											
938-01	N	NO VISIBLE GOLD											
938-02	N	NO VISIBLE GOLD											
939-01	N	NO VISIBLE GOLD											
939-02	Y	50 X 75	10 C			1				1			EST. 3% PYRITE
		75 X 125	25 M			1				1			
		275 X 350	150 M			1				1			
										3	17.6	6370	
939-03	Y	50 X 75	50 M	1						1			EST. 2% PYRITE
		100 X 125	25 M	1						1			
										2	16.3	235	
939-04	N	NO VISIBLE GOLD											

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL2APR.WR1
TOTAL # OF PANNINGS 3

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
84900													
932-01	N	NO VISIBLE GOLD											
932-02	N	NO VISIBLE GOLD											
933-01	N	NO VISIBLE GOLD											
933-02	N	NO VISIBLE GOLD											
933-03	N	50 X 75	25 M	1						1			
										1	11	67	
934-01	N	NO VISIBLE GOLD											
935-01	N	NO VISIBLE GOLD											
936-01	N	NO VISIBLE GOLD											
936-02	N	25 X 50	8 C	1						1			
										1	14	6	
937-01	N	NO VISIBLE GOLD											
937-02	N	NO VISIBLE GOLD											
938-01	N	NO VISIBLE GOLD											
939-02	N	NO VISIBLE GOLD											
939-01	N	NO VISIBLE GOLD											
939-02	Y	50 X 75	10 C			1				1			EST. 3% PYRITE
		75 X 105	25 M			1				1			
		125 X 150	150 M			1				1			
										3	17.6	6370	
939-03	Y	50 X 75	50 M	1						1			EST. 2% PYRITE
		100 X 125	25 M	1						1			
										2	16.3	235	
939-04	N	NO VISIBLE GOLD											

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL2APR.WR1
TOTAL # OF PANNINGS 3

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
64900													
932-01	N	NO VISIBLE GOLD											
932-02	N	NO VISIBLE GOLD											
933-01	N	NO VISIBLE GOLD											
933-02	N	NO VISIBLE GOLD											
933-03	N	50 X 75	25 M	1						1			
										1	11	67	
934-01	N	NO VISIBLE GOLD											
935-01	N	NO VISIBLE GOLD											
936-01	N	NO VISIBLE GOLD											
936-02	N	25 X 50	8 C	1						1			
										1	14	6	
937-01	N	NO VISIBLE GOLD											
937-02	N	NO VISIBLE GOLD											
938-01	N	NO VISIBLE GOLD											
938-02	N	NO VISIBLE GOLD											
939-01	N	NO VISIBLE GOLD											
939-02	Y	50 X 75	10 C			1				1			EST. 3% PYRITE
		75 X 125	25 M			1				1			
		275 X 350	150 M			1				1			
										3	17.6	6370	
939-03	Y	50 X 75	50 M	1						1			EST. 2% PYRITE
		100 X 125	25 M	1						1			
										2	16.3	333	
939-04	N	NO VISIBLE GOLD											

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL24PR.WR1
TOTAL # OF PANNINGS 3

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
54900													
932-01	N	NO VISIBLE GOLD											
932-02	N	NO VISIBLE GOLD											
933-01	N	NO VISIBLE GOLD											
933-02	N	NO VISIBLE GOLD											
933-03	N	50 X 75	25 M	1						1			
										1	11	67	
934-01	N	NO VISIBLE GOLD											
935-01	N	NO VISIBLE GOLD											
936-01	N	NO VISIBLE GOLD											
936-02	N	25 X 50	8 C	1						1			
										1	14	6	
937-01	N	NO VISIBLE GOLD											
937-02	N	NO VISIBLE GOLD											
938-01	N	NO VISIBLE GOLD											
938-02	N	NO VISIBLE GOLD											
939-01	N	NO VISIBLE GOLD											
939-02	Y	50 X 75	15 C			1				1			EST. 3% PYRITE
		75 X 125	25 M			1				1			
		275 X 350	150 M			1				1			
										3	17.6	6570	
939-02	Y	50 X 75	50 M	1						1			EST. 2% PYRITE
		100 X 125	25 M	1						1			
										2	16.3	225	
939-03	N	NO VISIBLE GOLD											

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL2APR.WR1

TOTAL # OF PANNINGS 3

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL NON MAG	CALC V.G. ASSAY GMS	PPB	REMARKS
B4900													
939-05	N	NO VISIBLE GOLD											
939-06	N	50 X 75	25 M			1				1			
										1	15.7	47	
939-07	N	NO VISIBLE GOLD											
939-08	N	NO VISIBLE GOLD											
939-09	N	NO VISIBLE GOLD											
939-10	N	NO VISIBLE GOLD											
939-11	N	NO VISIBLE GOLD											
939-12	N	NO VISIBLE GOLD											
939-13	N	NO VISIBLE GOLD											
939-14	N	NO VISIBLE GOLD											
939-15	N	NO VISIBLE GOLD											
939-16	N	NO VISIBLE GOLD											
939-17	N	NO VISIBLE GOLD											
939-18	N	NO VISIBLE GOLD											
939-19	Y	50 X 75	10 C		1					1			EST. 4% PYRITE
		50 X 100	15 C	1						1			20 GRAINS OF ARSENOPYRITE
		75 X 125	50 M	1						1			
										3	15.2	313	
939-20	N	NO VISIBLE GOLD											
939-21	N	NO VISIBLE GOLD											

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL2APR.WR1
TOTAL # OF PANNINGS 3

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY FPB	REMARKS
B4900													
939-05	N	NO VISIBLE GOLD											
939-06	N	50 X 75	25 M			1				1			
										1	15.7	47	
939-07	N	NO VISIBLE GOLD											
939-08	N	NO VISIBLE GOLD											
939-09	N	NO VISIBLE GOLD											
939-10	N	NO VISIBLE GOLD											
939-11	N	NO VISIBLE GOLD											
939-12	N	NO VISIBLE GOLD											
939-13	N	NO VISIBLE GOLD											
939-14	N	NO VISIBLE GOLD											
939-15	N	NO VISIBLE GOLD											
939-16	N	NO VISIBLE GOLD											
939-17	N	NO VISIBLE GOLD											
939-18	N	NO VISIBLE GOLD											
939-19	Y	50 X 75	13 C		1					1			EST. 4% PYRITE
		50 X 100	15 C	1						1			20 GRAINS OF ARSENOPYRITE
		75 X 105	50 M	1						1			
										3	15.2	313	
939-20	N	NO VISIBLE GOLD											
939-21	N	NO VISIBLE GOLD											

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL2APR.WR1
TOTAL # OF PANNINGS 3

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
B4900													
939-05	N	NO VISIBLE GOLD											
939-06	N	50 X 75	25 M			1				1			
										1	15.7	47	
939-07	N	NO VISIBLE GOLD											
939-08	N	NO VISIBLE GOLD											
939-09	N	NO VISIBLE GOLD											
939-10	N	NO VISIBLE GOLD											
939-11	N	NO VISIBLE GOLD											
939-12	N	NO VISIBLE GOLD											
939-13	N	NO VISIBLE GOLD											
939-14	N	NO VISIBLE GOLD											
939-15	N	NO VISIBLE GOLD											
939-16	N	NO VISIBLE GOLD											
939-17	N	NO VISIBLE GOLD											
939-18	N	NO VISIBLE GOLD											
939-19	Y	50 X 75	17 C			1				1			EST. 4% PYRITE
		50 X 100	15 C	1						1			20 GRAINS OF ARSENOPYRITE
		75 X 125	50 M	1						1			
										3	15.1	313	
939-20	N	NO VISIBLE GOLD											
939-21	N	NO VISIBLE GOLD											

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL2AFR.WR1
TOTAL # OF PANNINGS 3

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL NON MAG	CALC V.G. ASSAY GMS	ASSAY PPB	REMARKS
B4900 939-05	N	NO VISIBLE GOLD											
939-06	N	50 X 75	25 M			1				1			
										1	15.7	47	
939-07	N	NO VISIBLE GOLD											
939-08	N	NO VISIBLE GOLD											
939-09	N	NO VISIBLE GOLD											
939-10	N	NO VISIBLE GOLD											
939-11	N	NO VISIBLE GOLD											
939-12	N	NO VISIBLE GOLD											
939-13	N	NO VISIBLE GOLD											
939-14	N	NO VISIBLE GOLD											
939-15	N	NO VISIBLE GOLD											
939-16	N	NO VISIBLE GOLD											
939-17	N	NO VISIBLE GOLD											
939-18	N	NO VISIBLE GOLD											
939-19	Y	50 X 75	10 C			1				1			EST. 4% PYRITE
		50 X 100	15 C	1						1			20 GRAINS OF ARSENOPYRITE
		75 X 125	50 M	1						1			
										3	15.2	313	
939-20	N	NO VISIBLE GOLD											
939-21	N	NO VISIBLE GOLD											

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL1APR.WR1
TOTAL # OF PANNINGS 9

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL NON MAG	CALC V.G. ASSAY GMS	ASSAY PPB	REMARKS
84900													
924-03	N	NO VISIBLE GOLD											
925-01	N	NO VISIBLE GOLD											
926-01	N	NO VISIBLE GOLD											
926A-01	N	NO VISIBLE GOLD											
926A-02	N	NO VISIBLE GOLD											
926A-03	N	NO VISIBLE GOLD											
927-01	N	NO VISIBLE GOLD											
927-02	N	NO VISIBLE GOLD											
929-01	N	NO VISIBLE GOLD											
930-01	N	NO VISIBLE GOLD											

APPENDIX C

BINOCULAR LOGS – BEDROCK CHIP SAMPLES

SAMPLE NUMBER	COLOUR	STRUCTURE	GRAIN SIZE (mm)	TEXTURE	MINERALOGY				NAME
					Silicates	Carbonates	Sulphides	Other	
84901-07	medium to dark green	well foliated but sub-schistose; weak parallelism of minerals indicates fabric due to moderate shearing; 2% calcite stringers	0.1-0.2	equigranular, interlocking holocrystalline texture; greenish color of pyroxene and greenish saussuritized plag. complicates mineral identification; unchilled	plag - 50 (weak saussuritization) pyroxene - 30-35% (medium green) chlorite - 10-12% (alteration of pyroxene)	1-2% calcite as dissemination; 1-2% calcite in stringers with local red hematitic margins	0.1%, or less, pyrite as dissemination	<0.5% disseminated leucoxene	Basalt
84902-04	dark green	well and finely foliated; minimal slip planes -- weak shearing; 2-3% calcite wiinlets/stringers	<0.05	equigranular, interlocking, holocrystalline texture; chilled; sample contains rare calcite infilled amygdules to 0.9mm; sample too fine grained to determine plag:pyx. %'s	plag - 45% (?) pyroxene and/or chloritized pyroxene - 35% (+) chlorite - 10% (wiinlets)	10% calcite -- pervasive in host - 2% as wiinlets (trace hematite stain on some wiinlet margins)	0.2-0.3% pyrite - fine dissemination		Basalt
84903-04	dark greyish green; 5% is oxidized beige-brown	schistose due to moderate to strong shearing (schistosity defined by light grey chlorite ± sericite)	0.05-0.1 (indistinct)	equigranular and interlocking; 5% rounded to oblong calcite ± quartz infilled amygdules to 2.5mm -- undeformed by shearing	plag - 40% chlorite and chloritized pyroxene - 30% chlorite - 15% sericite - 3% (along slip planes)	6-8% calcite - 60% in oxidized chips suggesting oxidation of Fe-carbonate; 40% disseminated in host; 5-7% moderately reactive Fe/Mg	trace pyrite -- disseminated		Basalt
						carbonate -- pervasive (very little obvious distinction between reactivity of calcite and Fe/Mg carbonate -- probably some overlap)			
84904-02	dark grey green	well foliated to schistose with minor slip planes -- weak shearing; 3-5% quartz-calcite wiinlets	0.05	equigranular, interlocking holocrystalline; <2% scattered, quartz-calcite infilled amygdules to 1.5mm -- not cut by foliation	plag - 40-45 pyroxene and/or chloritized pyroxene - 30% chlorite - 15% sericite (?) - 1-2% (light grey along slip planes -- possibly bleached chlorite)	10% calcite -- 3% in wiinlets & amygdules and 7% disseminated (may include 1-2% moderately reactive Fe/Mg carbonate)	0.3% pyrite -- local crystalline concentrations		Basalt

SAMPLE NUMBER	COLOUR	STRUCTURE	GRAIN SIZE (mm)	TEXTURE	MINERALOGY				NAME
					Silicates	Carbonates	Sulphides	Other	
84905-05	dark green	very weak foliation; 3% sugary calcite stringers.	0.1-0.15	equigranular, interlocking, holocrystalline; composed of moderately to weakly Saussuritized plagioclase and chlorite	plag. -40-45% (saussuritized) chlorite - 40%	15% calcite - pervasive	<<0.1% pyrite - disseminated	1-2% magnetite - disseminated crystals	Basalt
84906-06	medium to dark green	very strong and regular schistosity due to weak to moderate shearing; 3-5% calcite ± quartz veinlets (minor grey chlorite or sericite(?) along slip planes)	aphanitic	holocrystalline; 10% indistinct calcite infilled amygdules to 1.0 mm; too fine grained to accurately determine mineralogy	plag - 45% (?) chlorite - 15% (visible) chlorite/pyroxene - 25-30% (assumed)	10% calcite - 3-5% in veinlets and remainder is disseminated, particularly along foliation planes	<<0.1% pyrite - disseminated		Basalt
84907-10	dark green	well foliated with common slip planes defined by chlorite; sample appears fragmental/brecciated	groundmass aphanitic fragments to 1.5 mm	appears brecciated with angular to rounded fragments up to 1.5 mm in a groundmass of similar appearance/composition; very difficult to differentiate groundmass and fragments - may be predominantly fragments	15% chlorite - visible along foliation/slip planes; unable to determine mineralogy of fragments or groundmass	4% calcite as local "clots" throughout sample and 3% disseminated	—		Basalt (breccia)
84908-10	dark greyish-green	very strong and regular schistosity; some schistosity planes are slip planes -- weakly to moderately sheared; locally crenulated; 10% calcite veinlets	aphanitic	holocrystalline; rare (10%) calcite infilled amygdules to 1.0 mm; sample may contain very rare (<1%) quartz eyes (< 0.5 mm)	plag. - 40-45% chlorite - 35-45% sericite - 3% (may be light grey chlorite -- present along slip planes)	1-2% calcite as stringers and amygdules 5% Fe/Mg carbonate - disseminated	0.1% pyrite - disseminated		Basalt
84909-05	medium grey with a slight greenish tint	widely spaced foliation defined by light grey chlorite or possibly sericite; 10% veinlet quartz-calcite -- much of sample is bleached and silicified however samples 03,04 are strongly sheared	aphanitic	holocrystalline; 1-2% indistinct quartz eyes to 0.8 mm; some chips appear slightly coarser grained (0.1-0.2 mm) but this may be due to silica alteration; bleaching obscures mineralogy	light grey chlorite (or sericite) - 3-5%	2% calcite in vein material and < 0.5% as disseminations	0.5-0.7% pyrite - as disseminations		Andesite (?)

SAMPLE NUMBER	COLOUR	STRUCTURE	GRAIN SIZE (mm)	TEXTURE	MINERALOGY				NAME
					Silicates	Carbonates	Sulphides	Other	
84910-02	medium grey; local brown oxidation	schistose; strongly sheared; lineated; 4% quartz-calcite veinlets	0.05-0.1	holocrystalline; amygdaloidal with 2-3% quartz-calcite infilled amygdules (rounded to oblong) up to 0.5 to 1.5 mm; sample is variably bleached to a beige color	plag. - 55% (sugary) chlorite (altered - 30% chloritized pyroxene) sericite - 5% (beige; along foliation planes - may be bleached) chlorite	<1% calcite in veinlets; 8-10% poorly reactive Fe/Mg carbonate - pervasive	1.5-2.0% pyrite - fine dissemination to coarse 1mm crystals - most abundant in beige more highly altered chips		Basalt
84911-04	medium to dark green	well foliated to subschistose; appears to be an indistinct mineral lineation in plane of foliation - fabric due to moderate shearing; 2% veinlets, sugary calcite ± quartz	0.05-0.1	holocrystalline; amygdaloidal with 2-3% rounded to irregular calcite ± quartz + local fine magnetite infilled amygdules to 2.0 mm	plag - 45-50% (saussuritized??) chlorite - 40% (may be minor chloritized pyroxene as well)	12% calcite - pervasive	0.5% pyrite - disseminated but mainly as stringer-like concentrations possibly associated with veinlets		Basalt
84912-05	dark green	moderately well foliated; unsheared;	0.1-0.15	equigranular, interlocking, holocrystalline; rare quartz eyes to 0.5 mm; composed of equant saussuritized plagioclase and chlorite (± chloritized pyroxene)	plag. - 50% (saussuritized) chlorite - 45% (± minor chloritized pyroxene)	2% calcite - local stringer-like concentrations	0.1-0.2% pyrite - disseminated	2% very fine grained, disseminated magnetite; 1% vague, grey-ish leucoxene	Basalt
84913-13	dark green	strongly schistose due to weak shearing - possibly a weak mineral alignment (lineation); 1-2% poorly developed calcite veinlets	0.05	equigranular, interlocking, holocrystalline; ~1% vestiges of calcite infilled amygdules to 1.0 mm	plag. - 40-45% (weakly saussuritized?) chlorite - 45-50%	8% calcite - pervasive	<0.1% pyrite - disseminated		Basalt
84914-03	medium green	moderately schistose; locally crenulated; a few chlorite sericite slip planes - weakly to unsheared; 2% quartz-calcite veinlets	0.1-0.2	equigranular to inequigranular - interlocking holocrystalline; slight grain size variations, particularly plag. which locally forms crudely "phenocrysts" to 0.5 mm; 1% indistinct qz-calcite infilled amygdules to 2.0 mm	plag. - 40-45% chlorite - 45% (may include 15-20% chloritized pyroxene) sericite (?) - 1% along (beige) foliation planes	10% calcite - 2% in veinlets & amygdules and remainder is disseminated (pervasive)	<0.1% pyrite - disseminated		Basalt

SAMPLE NUMBER	COLOUR	STRUCTURE	GRAIN SIZE (mm)	TEXTURE	MINERALOGY				NAME
					Silicates	Carbonates	Sulphides	Other	
84915-03	dark green	well foliated; unstrained; rare epidote stringers	0.1	equigranular, interlocking holocrystalline; 1% or less, small (0.5 mm) indistinct quartz-calcite infilled amygdules	plag - 45-50% (moderately saussuritized) chlorite - 40-45%	6% carbonate - disseminated 50:50 calcite versus moderately reactive Fe/Mg carbonate	0.5% pyrite - disseminated + local stringer like concentrations		Basalt
84916-07	medium greyish-green	strong and regular foliation - sub-schistose (fabric may be shear related but is not a shear fabric); 1% sugary calcite stringers	0.05-0.1	equigranular, interlocking holocrystalline; weakly bleached due to calcite	plag. - 45-50% chlorite - 40%	12% calcite - pervasive	0.1% pyrite - disseminated		Basalt
84917-05	dark green	moderately well foliated; 2% sugary calcite as wisps and stringers	~0.1	equigranular, interlocking; sample composed of saussuritized plagioclase + chlorite; rare small (to 0.4) quartz eyes	plag - 45-50% (saussuritized) chlorite - 45%	7% calcite - half in wisps and marginal to wisps and remainder is disseminated	0.4% pyrite - fine disseminations to coarse crystals (1.0 mm) associated with calcite	1% leucoxene - disseminated	Basalt
84918-10	dark green	moderately well foliated - may be a poor alignment of minerals in foliation plane; 5% quartz-calcite blebs/stringers/stringers sometimes outlined by epidote)	0.1-0.15	equigranular, interlocking holocrystalline; altered - moderately saussuritized plag. and chlorite (± chloritized pyroxene); rare quartz eyes (amygdules?) to 0.6 mm	plag - 50% (saussuritized) chlorite - 40-45% (± chloritized pyroxene)	6% calcite - 4% in wisps/stringers and 2% disseminated	0.1% pyrite - disseminated in host + wisps		Basalt
84919-04	dark green (mottled medium green + black)	poorly foliated - minor slip planes	0.2 to 0.5 with dark pyroxene "clots" to 2 mm	inequigranular, interlocking holocrystalline; altered - saussuritized plagioclase, chlorite + actinolite after pyroxene	plag - 45 (saussuritized) actinolite - 25% (dark green to black + fibrous) pyroxene - 15% (medium green, prismatic) chlorite - 10%	5% calcite - disseminated and as stringers	0.1% pyrite - disseminated	3% angular leucoxene (after ilmenite) to 1.5 mm	Basalt (coarse)

SAMPLE NUMBER	COLOUR	STRUCTURE	GRAIN SIZE (mm)	TEXTURE	MINERALOGY				NAME
					Silicates	Carbonates	Sulphides	Other	
84920-08	spotted -- medium grey-light - medium with dark green mafic spots	poorly foliated -- a few foliation planes are slip planes; a few calcite stringers, some of which have a red hematite stain along their margins	groundmass 0.2 phenos. to 3.0 mm	porphyritic; 25% amhedral to subhedral, medium to dark green altered (actinolite, chlorite) pyroxene phenocrysts in a 0.2 mm equigranular, interlocking plag., pyx. groundmass	phenocrysts (25%) black pyroxene variably altered to fibrous actinolite & chlorite groundmass (75%) plag. - 45% pyroxene (light green) - 30%	0.5% calcite - disseminated	trace pyrite - disseminated		Basalt (porphyry tic)
84921-03	dark green	well foliated to subschistose -- obscured by calcite alteration; 2% distinct sugary calcite + black tourmaline crystals ± quartz wimlets; other darker samples are very carbonate rich merging into wimlets	0.05-0.1	equigranular, interlocking holocrystalline	plag - 40-45% chlorite - 40%	15% calcite - pervasive	0.2% pyrite -- disseminated in host & wimlets	2% black tourmaline - associated with wimlets (as bands within & marginal to wimlets)	Basalt
84922-03	dark green	poor foliation but some slip planes; 5% sugary quartz - calcite wimlets Sample 04 -- more highly sheared	0.1-0.3	equigranular, interlocking holocrystalline; generally fine grained but local grain size variation to 0.3 mm when plagioclase appears coarse; plag. is weakly saussuritized	plag - 50-55% (weakly saussuritized) chlorite - 40%	4% calcite in wimlets; 3-4% calcite as disseminations	<0.1% pyrite - disseminated		Basalt
84923-03	dark green	poorly foliated to massive -- some fractures coated with calcite	0.1-0.2	equigranular, interlocking, holocrystalline; 20% dark green to black, chloritized pyroxene patches or clots (irregular outlines)	plag - 50% (partially saussuritized) pyroxene & chloritized pyroxene - 30% patchy chloritized pyroxene - 20%	1% calcite as stringers along fractures; 1% disseminated calcite	trace pyrite -- disseminated		Basalt
84924-04	light beige with a green tint (bleached)	well but indistinctly foliated; 2% quartz hemlets	0.2	equigranular, interlocking -- partially obscured by bleaching	plagioclase - 58 pyroxene - 40% (light green)	0.5% calcite - disseminated	<0.1% pyrite -- as crystals near wimlets		Basalt

SAMPLE NUMBER	COLOUR	STRUCTURE	GRAIN SIZE (mm)	TEXTURE	MINERALOGY				NAME
					Silicates	Carbonates	Sulphides	Other	
84925-04	medium green to slightly beige (oxidation along foliation planes)	schistose -- due to strong shearing producing a very fine and very regular fabric; 1-2% calcite veinlets; foliation locally crenulated	aphanitic to 0.05	holocrystalline with 5% calcite ± quartz infilled amygdules to 2.0 mm -- some unaffected by fabric, some cross-cut by fabric and some may be stretched (5:1) due to shearing	plagioclase - 40% chlorite - 35% (light to medium green) sericite - 1-2% (or grey chlorite -- along foliation planes)	20% calcite -- pervasive	trace pyrite -- disseminated	tourmaline - 0.1% associated with calcite veinlets	Basalt
84926-04	dark green	well and finely foliated to sub-schistose; 3% calcite veinlets	0.1 mm	equigranular; interlocking; holocrystalline; 3% quartz-calcite infilled amygdules to 1.2 mm	plagioclase - 40-45% pyroxene and chloritized pyroxene -- 45-50 (no clear distinction)	7% calcite (5% in veinlets and amygdules; 2% disseminated)	NIL		Basalt
84926A-04	dark green	well and finely foliated to schistose; 10-12% vein calcite + quartz -- also calcite rich host marginal to veins	0.1 mm	equigranular, interlocking, holocrystalline; 10% calcite infilled amygdules to 2.0(+) mm	plagioclase - 45% chlorite - 45% (may include partially chloritized pyroxene)	10% calcite (7% in veinlets and amygdules and 3% disseminated)	0.1% pyrite -- disseminated in host and veinlets		Basalt
84927-05	a) black (25% of sample) b) medium green-grey (75% of sample)	a) fissile b) sub-fissile - banded on millimetre scale - < 0.5% calcite stringers	a) aphanitic b) 0.05-0.1 mm	a) silty/cherty b) sandy to silty with 10% visible quartz sand; plagioclase sand ± lithic grains cannot be distinguished -- texture may approach a recrystallized sugar	a) too fine grained to determine b) 10% quartz 75% undifferentiated quartz/plag/lithics 10-13% very fine black biotite ± chlorite	< 0.5% calcite -- as stringers	0.1% pyrite + pyrrhotite -- occurs along fissility planes		Siltstone/ Wacke
84928-01	medium beige grey	vaguely banded with a fairly good planar fabric tending towards a fissility; 35% beige siliceous (chert) bands; a few quartz calcite veinlets	0.05	sugary recrystallized siltstone, with 35% beige cherty bands up to and exceeding 1 cm in thickness	a) undifferentiated quartz/plag sugar 10% biotite (very fine grained -- may be dark chlorite)	1-2% calcite as stringers and with quartz in veinlets	NIL		Siltstone ± lean cherty iron Formation

SAMPLE NUMBER	COLOUR	STRUCTURE	GRAIN SIZE (mm)	TEXTURE	MINERALOGY				NAME
					Silicates	Carbonates	Sulphides	Other	
84929-04	dark grey to black	fissile; slight variations in grain size (fine to coarse silt); a few indistinct quartz stringers	0.05	vague sugary, recrystallized texture but this is not certain; ~10% slightly coarser (0.05-0.1mm) silt/wacke beds	undifferentiated plag/quartz/lithic grains - 80% biotite (and/or chlorite) - 20%	NIL	0.1-0.2% pyrite - generally as very fine disseminations along fissility		Siltstone
84930-04	dark grey to black	fissile; 1-2% quartz veinlets paralleling foliation Similar to bedrock of Hole 84929	0.05	sub-sugary, recrystallized?	undifferentiated plag/quartz/lithic grains - 80% biotite - 15-20 (and/or chlorite)	NIL	3% pyrite -- as 0.05mm thick stringers along fractures and fissility planes		Siltstone
84931-03	medium beige-grey	poor fabric	0.1-0.3	recrystallized, sugary with 10-15% relict quartz sand and minor undifferentiated, clean to cloudy plagioclase and lithic sand	undifferentiated quartz/plag/lithic grains - 70% quartz - 10-15% biotite - 10%	<0.5% calcite (possibly Fe/Mg carbonate) as disseminations	2% sulfides - mostly (75%) pyrrhotite with lesser (25%) pyrite -- occurs as disseminations & stringer like concentrations		Greywacke (biotite schist)
84932-05	mottled dark green and white	massive	1.0-2.0	hypidiomorphic	plag - 50-55% quartz - 10% epidote - 10% (alteration of plag) sphene - <0.5% hornblende - 35% (partially chloritized)	calcite - <0.5% - disseminated	pyrite - <0.1% disseminated		Quartz Diorite
84933-05	mottled black and white	weak but distinct fabric defined by alignment of mafic minerals (results in distinct mafic and felsic bands but this is not a metamorphic fabric; moderately sheared with rare thin (<1mm) mylonite zones	0.5-2.0	hypidiomorphic	plagioclase - 45-50% quartz - 10-15% hornblende - 15% chlorite (or - 20% chloritized hornblend) epidote - 3-4%	calcite - 0.5% - associated with chloritized hornblende	pyrite - <0.1%; disseminated		Quartz Diorite

SAMPLE NUMBER	COLOUR	STRUCTURE	GRAIN SIZE (mm)	TEXTURE	MINERALOGY				NAME
					Silicates	Carbonates	Sulphides	Other	
84934-04	mottled black and white	massive	0.5-1.5	hypidiomorphic	plagioclase - 45-50% quartz - 25-30% hornblende - 20% (partially chloritized) epidote - 3% sphene - 0.5% (or less)	< 0.5% calcite - disseminations and fracture plane coatings	NIL		Granodiorite
84935-04	mottled dark grey and white	massive	1.0-2.0	hypidiomorphic	plagioclase - 50-55% quartz - 25% hornblende - 20% (chloritized) epidote - 2% sphene - 0.1%	< 0.5% calcite - disseminated and associated with chloritized hornblende	very faint trace disseminated pyrite		Granodiorite
84936-05	mottled black and white	massive	1.5-3.0	hypidiomorphic	plagioclase - 50-55% quartz - 25% (a few crystals of blue quartz) hornblende - 20% (partially chloritized) epidote - 2% sphene - 0.2%	0.2% calcite - disseminated	trace pyrite - disseminated		Granodiorite
84937-05	mottled black and beige/pink white (beige/pink coloration due to oxidation)	massive	1.0-2.0	hypidiomorphic	plagioclase - 45-50% quartz - 25% hornblende - 25% (partially chloritized) epidote - 3% sphene - 0.5% (partially altered to leucoxene)	trace calcite - disseminated	NIL		Granodiorite
84938-05	light to medium grey - bleached	highly schistose - strongly sheared; 1% undeformed calcite veinlets	aphanitic	30% thin (to 0.5 mm) schistose zones separating light grey, aphanitic, very hard (silicified) zones to 3(+) mm wide (70% of sample; sample is speckled with patchy, ragged chloritoid; photolith assumed to be volcanic in too silicified to determine texture	strongly altered - silicified; sericite - 6-8% (along schistosity planes)	1% calcite in veinlets	0.5-1% pyrite - local crystalline concentrations	chloritoid - 5% ragged, anhedral crystals	Basalt (??) silicified & sheared

SAMPLE NUMBER	COLOUR	STRUCTURE	GRAIN SIZE (mm)	TEXTURE	MINERALOGY				NAME
					Silicates	Carbonates	Sulphides	Other	
84939-24	medium green-grey	moderately to strongly sheared producing a "rubbly" tuff-like texture with minor augen-like "fragments" outlined by fabric (these may be stretched	0.05mm	holocrystalline; 2% quartz and chlorite infilled amygdules to 10+ mm; 5% anhedral to subhedral cloudy plagioclase phenocrysts with resorbed margins from 0.5-2 mm	undifferentiated plagioclase and pyroxene (due to fine grain size) with 5% plagioclase phenocrysts and 5% visible chlorite along foliation	5% calcite - disseminated and stringers along foliation	trace pyrite - disseminated		Andesite
		plagioclase phenocrysts		in size; local wispy, light grey-white discoloration - possibly minor veining/alteration along schistosity or possibly plagioclase phenocrysts stewing out in foliation planes due to shearing					
84912-bldr (25.4-25.6m)		BOULDER SAMPLE		boulder composed of 85% clear to white, massive to fractured quartz; 15% massive to needle-like smoky grey (needle) to black (massive) tourmaline as irregular "clots"; 2% calcite along fractures associated with tourmaline		2% calcite - in fractures in quartz associated with tourmaline	NIL		Quartz-Tourmaline Boulder

APPENDIX E

ACTIVATION LABORATORIES LTD. – BEDROCK ANALYSES

Activation Laboratories Ltd. Work Order: 1614 Report: 1639

Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	K %	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM
84901-05	<5	<5	22	<100	<1	5	36	180	<2	7.27	2	<1	<5	<0.5	7	20000	<50	<30	0.9	35	<5
84901-06	<5	<5	27	<100	<1	7	39	180	<2	7.46	<1	<1	<5	1.0	<5	18400	<50	<30	0.8	36	<5
84901-07	<5	<5	25	<100	<1	5	37	160	<2	7.01	3	<1	<5	<0.5	<5	17400	<50	<30	0.8	34	<5
84902-02	5	<5	<2	<100	<1	7	36	77	<2	7.31	1	<1	<5	<0.5	<5	10300	110	<30	0.3	36	<5
84902-03	<5	<5	<2	160	<1	6	36	85	<2	7.44	1	<1	<5	<0.5	<5	8400	<50	<30	0.4	36	<5
84902-04	<5	<5	<2	<100	<1	6	37	82	<2	7.11	2	<1	<5	<0.5	<5	13900	<50	<30	0.6	37	<5
84903-02	<5	<5	<2	250	<1	6	27	25	3	7.92	2	<1	<5	0.6	<5	7200	<50	<30	0.8	34	<5
84903-03	5	<5	<2	200	<1	7	28	26	2	8.03	2	<1	<5	<0.5	<5	6580	<50	<30	0.8	33	<5
84903-04	<5	<5	<2	300	<1	7	32	26	2	8.76	2	<1	<5	0.5	<5	6960	<50	<30	0.9	35	<5
84904-02	<5	<5	3	<100	<1	4	28	28	<2	5.97	4	<1	<5	<0.5	<5	11800	<50	<30	0.4	21	<5
84904-03	<5	<5	3	<100	<1	5	23	44	3	4.10	3	<1	<5	<0.5	<5	13500	<50	<30	0.4	18	<5
84904-04	<5	<5	<2	<100	<1	4	19	35	3	4.98	3	<1	<5	<0.5	<5	12000	98	<30	0.4	20	<5
84905-03	<5	<5	<2	<100	<1	6	36	110	<2	7.98	2	<1	<5	0.8	<5	22600	<50	<30	<0.2	35	<5
84905-04	<5	<5	<2	<100	<1	<1	37	110	<2	7.93	2	<1	<5	<0.5	<5	20900	<50	<30	0.4	36	<5
84905-05	7	<5	<2	<100	<1	8	35	76	<2	8.51	2	<1	<5	<0.5	<5	20200	<50	<30	0.6	35	<5
84906-04	<5	<5	<2	<100	<1	5	300	58	<2	6.69	<1	<1	<5	1.4	<5	7580	<50	<30	0.3	16	<5
84906-05	7	<5	<2	260	<1	5	17	33	<2	5.78	3	<1	<5	1.1	<5	10700	<50	44	<0.2	15	<5
84906-06	6	<5	<2	<100	<1	6	21	37	<2	5.58	4	<1	<5	0.6	<5	12200	<50	<30	<0.2	14	<5
84907-08	<5	<5	<2	220	<1	<1	24	33	<2	8.08	4	<1	<5	<0.5	<5	25500	<50	<30	<0.2	18	<5
84907-09	<5	<5	2	<100	<1	<1	17	46	<2	5.36	4	<1	<5	<0.5	<5	34800	<50	<30	<0.2	14	<5
84907-10	<5	<5	<2	<100	<1	<1	19	38	<2	5.06	3	<1	<5	<0.5	<5	34300	<50	<30	0.3	13	<5
84908-08	<5	<5	<2	<100	<1	3	<5	30	<2	5.17	6	<1	<5	0.7	<5	6040	<50	<30	<0.2	7.8	<5
84908-09	<5	<5	<2	200	<1	2	<5	30	<2	5.57	5	<1	<5	<0.5	<5	5380	<50	<30	<0.2	5.9	<5
84908-10	<5	<5	<2	270	<1	2	<5	31	<2	5.90	5	<1	<5	0.5	<5	5020	<50	<30	0.3	5.0	<5
84909-03	<9	<5	<2	600	<2	<1	790	20	<2	1.40	11	<1	<5	1.0	<5	9650	<58	<30	<0.2	7.1	<8
84909-04	<5	<5	<2	<100	<1	<1	130	80	<2	2.33	7	<1	<5	0.7	<5	7100	<50	<30	0.8	5.5	<5
84909-05	<5	<5	3	250	<1	3	210	110	<2	3.33	6	<1	<5	<0.5	<5	2100	<50	<30	1.4	6.1	<5
84910-02	<5	<5	6	<100	<1	4	28	78	<2	8.52	4	<1	<5	<0.5	<5	<500	94	<30	2.6	28	<5
84910-03	<5	<5	2	160	<1	1	8	56	<2	3.38	7	<1	<5	<0.5	<5	1380	<50	<30	1.3	8.2	<5
84910-04	<5	<5	3	<100	2	6	17	100	<2	7.96	4	<1	<5	<0.5	<5	<500	<50	<30	3.3	27	<5
84911-02	<5	<5	2	280	<1	10	33	81	<2	6.11	2	<1	<5	0.6	<5	4840	<50	43	0.4	31	<5
84911-03	<5	<5	<2	<100	<1	7	36	76	3	6.74	1	<1	<5	1.4	<5	3220	<50	<30	<0.2	36	<5
84911-04	<5	<5	2	<100	<1	8	34	66	2	7.07	<1	<1	<5	0.8	<5	4650	<50	<30	<0.2	32	<5
84912-03	<5	<5	20	190	<1	2	34	19	<2	8.91	3	<1	<5	<0.5	<5	16600	<50	<30	1.8	24	<5
84912-04	<5	<5	16	<100	<1	5	33	29	<2	9.25	4	<1	<5	<0.5	<5	16500	<50	<30	1.9	25	<5

Activation Laboratories Ltd. Work Order: 1614 Report: 1639

Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	K %	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM
84912-05	<5	<5	20	<100	<1	4	36	19	<2	9.38	3	<1	<5	<0.5	<5	17500	<50	<30	1.8	26	<5
84913-11	<5	<5	3	<100	<1	6	33	72	<2	7.27	1	<1	<5	<0.5	<5	15100	<50	<30	0.4	35	<5
84913-12	<5	<5	<2	180	<1	5	410	95	<2	7.39	<1	<1	<5	<0.5	<5	15300	<50	<30	0.6	37	<5
84913-13	<5	<5	2	<100	<1	5	43	64	<2	7.62	2	<1	<5	<0.5	<5	16800	<50	<30	0.5	37	<5
84914-02	<5	<5	<2	<100	<1	9	36	67	<2	6.57	1	<1	<5	<0.5	<5	7740	<50	<30	<0.2	34	<5
84914-03	<5	<5	<2	<100	<1	8	37	68	<2	7.17	1	<1	<5	<0.5	<5	7320	<50	<30	0.5	37	<5
84914-04	12	<5	2	<100	<1	9	32	69	2	6.01	<1	<1	<5	<0.5	<5	6250	<50	33	0.4	30	<5
84915-02	<5	<5	6	<100	<1	5	32	59	<2	6.30	3	<1	<5	<0.5	<5	24400	<50	<30	<0.2	24	<5
84915-03	<5	<5	5	<100	<1	6	28	56	<2	7.27	3	<1	<5	<0.5	<5	18100	<50	43	0.4	26	<5
84915-04	<5	<5	6	<100	<1	6	27	59	2	7.84	3	<1	<5	<0.5	<5	18200	180	<30	0.5	28	<5
84916-05	7	<5	<2	<100	1	4	41	150	<2	7.68	1	<1	<5	<0.5	<5	25200	<50	68	<0.2	41	<5
84916-06	8	<5	<2	<100	<1	6	47	150	<2	7.71	<1	<1	<5	<0.5	<5	22300	<50	<30	<0.2	39	<5
84916-07	7	<5	<2	<100	<1	8	42	140	<2	7.46	1	<1	<5	<0.5	<5	30000	<50	<30	<0.2	42	<5
84917-03	<5	<5	12	<100	<1	7	41	32	<2	9.15	2	<1	<5	<0.5	<5	16000	<50	<30	0.6	26	<5
84917-04	6	<5	16	<100	<1	7	41	24	<2	9.20	2	<1	<5	<0.5	<5	18300	<50	<30	1.2	27	<5
84917-05	<5	<5	14	<100	<1	6	42	39	<2	9.10	2	<1	<5	<0.5	<5	18500	<50	<30	1.1	27	<5
84918-08	<5	<5	<2	<100	<1	6	40	83	<2	10.2	3	<1	<5	<0.5	<5	16500	<50	<30	0.7	42	<5
84918-09	<5	<5	4	240	<1	7	39	61	<2	9.83	3	<1	<5	<0.5	<5	12800	<50	<30	0.9	40	<5
84918-10	10	<5	6	<100	<1	6	42	110	<2	10.1	3	<1	<5	<0.5	<5	15800	<50	<30	0.8	45	<5
84919-03	<5	<5	20	<100	<1	6	41	38	3	9.00	2	<1	<5	<0.5	<5	21800	<50	<30	0.9	33	<5
84919-04	<5	<5	16	<100	<1	8	45	25	<2	8.66	2	<1	<5	<0.5	<5	24300	<50	<30	0.6	35	<5
84919-05	<5	<5	17	290	<1	9	46	28	2	8.56	2	<1	<5	<0.5	<5	29400	<50	<30	0.4	38	<5
84920-06	529	<5	26	<100	<1	9	39	42	<2	7.00	1	<1	<5	<0.5	<5	16400	<50	<30	0.6	38	<5
84920-07	240	<5	24	<100	<1	8	49	53	<2	8.73	2	<1	<5	<0.5	<5	20700	160	<30	0.7	46	<5
84920-08	<5	<5	25	<100	<1	8	220	57	<2	8.23	<1	<1	<5	<0.5	<5	18600	<50	<30	0.7	45	<5
84921-01	<5	<5	4	130	<1	6	48	70	<2	8.17	1	<1	<5	<0.5	<5	16100	<50	<30	1.8	43	<5
84921-02	<5	<5	2	<100	<1	6	51	68	<2	8.12	1	<1	<5	<0.5	<5	15800	<50	<30	1.4	43	<5
84921-03	<5	<5	3	<100	<1	8	47	62	<2	7.99	2	<1	<5	<0.5	<5	14900	<50	<30	1.2	42	<5
84922-03	<5	<5	29	320	<1	12	48	42	3	7.08	<1	<1	<5	1.0	<5	1070	130	34	1.5	29	<5
84922-04	<5	<5	30	<100	<1	10	50	65	4	8.27	2	<1	<5	1.4	<5	1170	97	41	0.6	37	<5
84922-05	<5	<5	35	<100	<1	8	53	51	3	8.43	1	<1	<5	1.7	<5	815	<50	51	1.0	37	<5
84923-02	<5	<5	30	<100	<1	7	51	93	<2	9.17	3	<1	<5	<0.5	<5	19200	<50	<30	3.1	34	<5
84923-03	<5	<5	28	<100	<1	8	52	94	<2	9.57	3	<1	<5	<0.5	<5	21500	<50	<30	2.7	34	<5
84923-04	<5	<5	27	110	<1	7	51	98	<2	10.0	3	<1	<5	<0.5	<5	22600	<50	<30	3.3	37	<5
84924-04	<5	<5	8	<100	<1	7	42	350	<2	6.84	3	<1	<5	<0.5	<5	20100	180	41	1.0	25	<5

Activation Laboratories Ltd. Work Order: 1614 Report: 1639

Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	K %	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM
84925-02	5	<5	12	<100	<1	8	50	130	2	8.57	<1	<1	<5	1.2	<5	1660	160	46	<0.2	42	<5
84925-03	<5	<5	5	<100	<1	7	46	120	3	9.03	1	<1	<5	1.2	<5	1030	<50	<30	0.3	42	<5
84925-04	<5	<5	8	210	<1	10	52	140	3	8.55	2	<1	<5	1.1	<5	1300	<50	38	0.3	46	<5
84926-02	5	<5	4	<100	<1	7	35	84	<2	6.82	3	<1	<5	<0.5	<5	18600	<50	<30	0.8	30	<5
84926-03	<5	<5	5	220	<1	5	39	56	<2	7.42	4	<1	<5	<0.5	<5	17100	<50	<30	0.8	32	<5
84926-04	<5	<5	4	<100	<1	6	37	57	<2	7.19	4	<1	<5	<0.5	<5	15600	160	<30	0.8	31	<5
84926A-04	<5	<5	3	900	<1	5	37	42	<2	8.00	3	<1	<5	1.4	<5	8770	140	<30	0.5	31	<5
84927-03	<5	<5	<2	200	<1	<1	23	110	<2	6.82	5	<1	<5	0.8	<5	26400	<50	<30	<0.2	22	<5
84927-04	7	<5	3	<100	2	<1	23	130	<2	7.01	5	<1	<5	<0.5	<5	28700	<50	<30	0.3	20	<5
84927-05	<5	<5	7	<100	<1	4	26	140	3	6.59	6	<1	<5	<0.5	<5	23100	<50	<30	<0.2	23	<5
84928-01	<5	<5	<2	240	<1	5	7	91	3	1.74	4	<1	<5	<0.5	<5	14900	<50	39	<0.2	5.2	<5
84928-02	<5	<5	2	520	<1	3	8	92	3	2.03	5	<1	<5	1.8	<5	17600	<50	48	<0.2	7.1	<5
84928-03	<5	<5	2	480	<1	6	8	79	3	2.02	4	<1	<5	1.4	<5	15900	<50	74	<0.2	6.5	<5
84929-02	<5	<5	31	720	<1	2	38	150	2	5.17	6	<1	<5	1.8	<5	18100	<50	47	<0.2	27	<5
84929-03	<5	<5	32	420	<1	2	31	130	<2	4.79	5	<1	<5	0.6	<5	21900	<50	36	<0.2	25	<5
84929-04	<5	<5	37	630	<1	2	34	150	<2	5.49	5	<1	<5	1.6	<5	17600	<50	52	<0.2	29	<5
84930-02	<5	<5	17	550	<1	2	33	210	5	5.36	5	<1	<5	1.5	<5	22400	<50	48	<0.2	26	<5
84930-03	6	<5	16	300	<1	2	29	190	4	5.37	5	<1	<5	<0.5	<5	27800	<50	<30	0.2	26	<5
84930-04	<5	<5	12	560	<1	<1	24	120	4	4.30	5	<1	<5	2.3	7	18100	92	91	<0.2	19	<5
84931-01	<5	<5	<2	<100	<1	5	30	150	<2	4.52	4	<1	<5	<0.5	<5	28000	<50	<30	<0.2	21	<5
84931-02	<5	<5	<2	<100	<1	5	55	150	<2	4.79	5	<1	<5	<0.5	<5	31700	<50	<30	<0.2	27	<5
84931-03	<5	<5	2	210	<1	5	32	140	<2	4.81	4	<1	<5	1.2	<5	29300	130	43	<0.2	27	<5
84932-03	6	<5	2	750	<1	4	18	190	<2	3.10	4	<1	<5	1.0	<5	32400	120	45	<0.2	8.8	<5
84932-04	<5	<5	<2	610	<1	5	17	200	3	3.22	4	<1	<5	1.5	<5	32100	<50	43	<0.2	9.1	<5
84932-05	<5	<5	2	700	<1	5	21	180	3	3.23	4	<1	<5	2.2	<5	31600	<50	<30	<0.2	9.2	<5
84933-04	<5	<5	<2	590	2	<1	10	290	<2	2.03	2	<1	<5	1.2	<5	13000	<50	33	<0.2	5.1	<5
84933-05	<5	<5	<2	450	<1	5	18	210	2	3.70	4	<1	<5	1.4	<5	33700	120	53	<0.2	10	<5
84934-02	<5	<5	<2	800	<1	2	8	160	<2	1.99	3	<1	<5	2.2	<5	36900	<50	75	<0.2	4.9	<5
84934-03	<5	<5	<2	890	<1	3	11	140	3	1.93	4	<1	<5	2.6	<5	37600	<50	130	0.3	5.0	<5
84934-04	<5	<5	<2	840	<1	2	9	150	3	1.81	3	<1	<5	2.3	<5	34800	<50	<30	<0.2	4.5	<5
84935-02	6	<5	<2	690	<1	3	10	110	<2	1.88	3	<1	<5	2.4	<5	33300	120	65	<0.2	4.7	<5
84935-03	<5	<5	<2	900	<1	4	10	160	4	2.15	4	<1	<5	2.3	<5	34200	<50	110	0.2	5.5	<5
84935-04	<5	<5	<2	700	<1	4	10	140	4	1.82	4	<1	<5	2.3	<5	39400	120	93	<0.2	5.0	<5
84936-03	<5	<5	<2	900	<1	3	7	150	2	1.81	3	<1	<5	2.1	<5	35400	130	59	<0.2	4.5	<5
84936-04	<5	<5	<2	950	<1	3	9	140	<2	1.82	3	<1	<5	2.5	<5	32800	<50	80	0.3	4.6	<5

Activation Laboratories Ltd. Work Order: 1614 Report: 1639

Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	K %	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM
84936-05	<5	<5	3	980	<1	3	10	140	<2	1.88	3	<1	<5	2.3	<5	35600	<50	<30	<0.2	4.3	<5
84937-03	<5	<5	<2	960	<1	<1	9	130	2	2.05	4	<1	<5	1.9	<5	36200	<50	100	<0.2	4.9	<5
84937-04	<5	<5	<2	900	<1	<1	9	140	<2	1.93	4	<1	<5	2.9	<5	36100	140	96	<0.2	5.1	<5
84937-05	<5	<5	<2	730	<1	3	9	130	3	2.17	2	<1	<5	2.3	<5	37300	<50	86	<0.2	5.2	<5
84938-03	<5	<5	<2	200	<1	<1	6	97	<2	2.90	7	<1	<5	0.9	<5	2670	<50	<30	1.6	7.6	<5
84938-04	<5	<5	<2	300	<1	<1	8	83	<2	3.00	7	<1	<5	0.6	<5	2710	<50	<30	1.6	7.6	<5
84938-05	<5	<5	<2	400	<1	<1	<5	86	<2	1.86	7	<1	<5	0.7	<5	2650	<50	<30	1.2	6.0	<5
84939-22	<5	<5	16	380	<1	3	19	65	<2	4.45	4	<1	<5	<0.5	<5	40300	<50	<30	0.3	18	<5
84939-23	<5	<5	16	190	<1	2	20	72	<2	5.01	4	<1	<5	<0.5	<5	41500	230	<30	<0.2	19	<5
84939-24	<5	<5	16	<100	<1	<1	23	66	<2	5.23	5	<1	<5	<0.5	<5	43100	<50	<30	<0.2	20	<5
84912-bldr	<5	<5	2	<100	<1	<1	<5	210	<2	0.52	<1	<1	<5	<0.5	<5	871	<50	<30	<0.2	2.4	<5

Activation Laboratories Ltd. Work Order: 1614 Report: 1639

Sample description	SN %	SR %	TA PPM	TH PPM	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	CU PPM
84901-05	<0.02	<0.05	<1	<0.5	<0.5	<4	<50	4	7	<5	2.1	0.7	<0.5	2.55	0.43	100
84901-06	<0.02	<0.05	2	<0.5	<0.5	<4	<50	4	10	<5	2.3	1.0	<0.5	2.89	0.48	102
84901-07	<0.02	<0.05	<1	1.0	<0.5	<4	<50	4	9	8	2.1	0.8	<0.5	2.38	0.44	96
84902-02	<0.01	<0.05	<1	<0.5	<0.5	<4	129	2	4	<5	1.3	0.5	0.7	2.23	0.37	91
84902-03	<0.01	<0.05	<1	<0.5	1.1	<4	117	2	6	<5	1.3	0.5	<0.5	2.32	0.44	88
84902-04	<0.02	<0.05	<1	<0.5	<0.5	<4	124	2	5	<5	1.4	0.5	<0.5	2.47	0.42	93
84903-02	<0.01	<0.05	<1	<0.5	<0.5	<4	85	3	7	<5	2.0	0.8	<0.5	3.17	0.55	86
84903-03	<0.01	<0.05	<1	<0.5	0.7	<4	142	3	8	<5	2.0	0.8	<0.5	3.35	0.60	109
84903-04	<0.01	<0.05	<1	<0.5	<0.5	<4	168	3	9	9	2.1	0.8	0.6	3.35	0.59	100
84904-02	<0.01	<0.05	<1	0.8	<0.5	<4	146	11	21	16	3.6	1.2	1.0	4.18	0.76	45
84904-03	<0.01	<0.05	<1	1.1	<0.5	<4	<50	10	17	9	2.5	0.9	0.6	2.02	0.34	86
84904-04	<0.01	<0.05	<1	0.6	<0.5	<4	210	8	16	12	2.7	0.9	0.6	2.52	0.43	73
84905-03	<0.02	<0.05	<1	1.1	<0.5	<4	<50	3	7	<5	2.1	0.8	<0.5	2.74	0.50	65
84905-04	<0.02	<0.05	<1	0.7	<0.5	<4	<50	3	6	<5	2.3	0.8	<0.5	3.23	0.53	52
84905-05	<0.02	<0.05	2	<0.5	<0.5	<4	138	4	11	<5	2.7	1.1	<0.5	3.62	0.65	41
84906-04	<0.03	<0.05	12	1.1	<0.5	1400	171	11	19	14	2.6	0.8	<0.5	3.59	0.56	36
84906-05	<0.01	<0.05	2	1.1	<0.5	11	105	13	23	12	3.0	0.8	<0.5	3.67	0.62	34
84906-06	<0.01	<0.05	<1	0.9	<0.5	79	154	13	21	14	3.0	1.0	0.6	3.23	0.58	30
84907-08	<0.02	<0.05	<1	<0.5	<0.5	<4	191	14	23	20	3.1	1.1	1.0	3.82	0.67	240
84907-09	<0.02	<0.05	<1	0.8	<0.5	<4	137	13	20	10	3.1	1.6	<0.5	3.52	0.60	49
84907-10	<0.01	<0.05	<1	<0.5	<0.5	<4	<50	13	24	12	3.1	1.3	<0.5	3.46	0.56	45
84908-08	<0.01	<0.05	<1	2.3	<0.5	<4	125	15	29	19	3.8	1.0	1.3	6.09	1.08	11
84908-09	<0.01	<0.05	<1	2.3	<0.5	<4	139	15	30	16	3.7	1.1	0.9	6.74	1.19	5
84908-10	<0.01	<0.05	1	2.1	<0.5	<4	147	16	31	12	3.7	1.0	1.0	7.36	1.33	7
84909-03	<0.07	<0.06	33	4.3	<1.0	3900	<50	31	51	31	6.1	1.5	<0.5	10.4	1.46	13
84909-04	<0.02	<0.05	6	1.9	<0.5	650	65	22	36	26	5.4	1.3	1.6	6.82	1.00	8
84909-05	<0.03	<0.05	9	1.7	2.4	990	137	18	34	17	5.1	1.4	1.7	7.63	1.08	21
84910-02	<0.01	<0.05	<1	0.9	<0.5	15	245	13	23	12	3.5	1.1	1.1	5.44	0.98	73
84910-03	<0.01	<0.05	1	2.9	1.0	9	109	22	39	19	4.1	1.1	1.5	7.86	1.35	5
84910-04	<0.01	<0.05	<1	1.2	<0.5	7	173	16	31	26	5.1	1.1	<0.5	5.02	0.89	6
84911-02	<0.01	<0.05	<1	<0.5	<0.5	6	126	3	8	<5	1.7	0.6	0.7	2.52	0.40	82
84911-03	<0.01	<0.05	<1	<0.5	<0.5	<4	85	3	6	<5	1.6	0.7	<0.5	2.40	0.49	82
84911-04	<0.01	<0.05	<1	<0.5	<0.5	<4	77	2	7	<5	1.3	0.5	<0.5	2.26	0.41	100
84912-03	<0.02	<0.05	<1	0.9	<0.5	<4	199	9	18	10	3.6	1.3	<0.5	4.43	0.73	48
84912-04	<0.02	0.15	<1	<0.5	<0.5	<4	153	10	21	<5	3.6	1.3	1.0	4.40	0.78	46

Activation Laboratories Ltd. Work Order: 1614 Report: 1639

Sample description	SN %	SR %	TA PPM	TH PPM	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	CU PPM
84912-05	<0.02	<0.05	<1	0.6	<0.5	<4	178	10	23	<5	3.7	1.4	<0.5	4.60	0.79	46
84913-11	<0.02	<0.05	<1	0.5	<0.5	<4	139	3	6	<5	1.6	0.7	<0.5	2.21	0.37	75
84913-12	<0.04	<0.05	14	<0.5	<0.6	1800	<50	3	6	<5	1.6	<0.2	<0.5	3.71	0.33	78
84913-13	<0.02	<0.05	<1	<0.5	<0.5	24	<50	2	7	<5	1.6	0.7	<0.5	2.72	0.41	86
84914-02	<0.01	<0.05	<1	<0.5	<0.5	7	178	2	6	<5	1.4	0.6	<0.5	2.53	0.36	86
84914-03	<0.01	<0.05	<1	<0.5	<0.5	<4	217	2	7	<5	1.5	0.6	0.9	2.51	0.41	85
84914-04	<0.01	<0.05	<1	<0.5	<0.5	<4	98	2	6	<5	1.5	0.6	<0.5	2.04	0.38	70
84915-02	<0.02	<0.05	<1	1.1	<0.5	<4	292	9	17	11	2.5	0.9	<0.5	2.15	0.41	67
84915-03	<0.01	<0.05	<1	<0.5	<0.5	<4	270	10	18	9	2.6	0.8	<0.5	2.61	0.40	93
84915-04	<0.02	<0.05	<1	<0.5	1.4	<4	437	11	21	12	2.8	1.0	<0.5	2.79	0.46	65
84916-05	<0.02	<0.05	<1	<0.5	<0.5	<4	155	3	6	<5	1.7	0.7	<0.5	2.19	0.54	90
84916-06	<0.02	<0.05	<1	<0.5	<0.5	49	<50	3	7	8	1.7	0.8	<0.5	2.58	0.51	87
84916-07	<0.02	0.13	<1	<0.5	<0.5	<4	<50	3	6	<5	1.8	0.8	1.0	2.53	0.45	96
84917-03	<0.02	<0.05	<1	0.8	<0.5	<4	222	6	10	12	2.8	1.0	<0.5	2.77	0.40	102
84917-04	<0.02	<0.05	<1	1.0	<0.5	<4	166	7	16	16	3.1	1.3	<0.5	2.61	0.44	107
84917-05	<0.02	<0.05	<1	<0.5	<0.5	<4	<50	6	12	<5	3.0	1.2	<0.5	2.36	0.41	118
84918-08	<0.02	<0.05	2	<0.5	1.4	<4	163	5	10	<5	2.8	1.1	<0.5	3.93	0.61	102
84918-09	<0.02	<0.05	<1	<0.5	<0.5	<4	<50	5	13	<5	2.9	1.1	0.9	3.87	0.60	104
84918-10	<0.02	<0.05	<1	0.8	<0.5	<4	168	4	11	<5	2.8	1.1	1.2	3.48	0.70	100
84919-03	<0.02	<0.05	<1	<0.5	<0.5	<4	202	6	11	<5	2.8	1.2	<0.5	2.34	0.36	137
84919-04	<0.02	<0.05	<1	0.6	<0.5	<4	<50	5	7	<5	2.3	0.9	<0.5	1.70	0.28	175
84919-05	<0.02	<0.05	<1	<0.5	1.2	<4	<50	5	8	10	2.2	1.0	<0.5	1.51	0.30	165
84920-06	<0.02	<0.05	<1	<0.5	<0.5	<4	150	3	11	<5	1.6	0.5	<0.5	1.66	0.24	73
84920-07	<0.02	<0.05	<1	<0.5	<0.5	<4	120	3	7	11	1.9	0.7	<0.5	2.18	0.35	96
84920-08	<0.03	<0.05	8	<0.5	<0.5	910	<50	3	11	11	1.8	0.7	<0.5	2.26	0.30	100
84921-01	<0.02	<0.05	<1	<0.5	<0.5	5	130	3	6	<5	1.5	0.7	<0.5	1.96	0.34	80
84921-02	<0.02	<0.05	<1	<0.5	<0.5	6	75	2	6	<5	1.5	0.7	<0.5	2.03	0.41	89
84921-03	<0.02	<0.05	<1	<0.5	<0.5	<4	<50	2	9	<5	1.5	0.7	<0.5	2.09	0.37	87
84922-03	<0.01	<0.05	<1	<0.5	<0.5	4	130	3	8	<5	1.5	0.7	<0.5	1.57	0.27	68
84922-04	<0.01	<0.05	<1	0.5	<0.5	6	130	3	7	<5	1.9	0.7	<0.5	2.15	0.33	86
84922-05	<0.01	<0.05	<1	<0.5	<0.5	4	170	3	5	<5	1.8	0.6	0.8	1.97	0.33	87
84923-02	<0.02	<0.05	<1	<0.5	<0.5	<4	<50	6	13	<5	2.6	1.0	0.6	1.80	0.31	103
84923-03	<0.02	<0.05	<1	<0.5	<0.5	<4	<50	5	12	8	2.7	0.7	0.8	1.92	0.29	91
84923-04	<0.02	<0.05	<1	<0.5	<0.5	<4	140	6	16	11	2.9	1.1	<0.5	2.00	0.35	100
84924-04	<0.02	<0.05	<1	<0.5	<0.5	100	<50	4	9	<5	1.9	0.8	<0.5	1.83	0.30	93

Activation Laboratories Ltd. Work Order: 1614 Report: 1639

Sample description	SN %	SR %	TA PPM	TH PPM	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	CU PPM
84925-02	<0.01	<0.05	<1	<0.5	<0.5	<4	180	3	7	<5	1.6	0.7	<0.5	2.02	0.35	88
84925-03	<0.01	<0.05	<1	<0.5	<0.5	<4	130	3	7	<5	1.7	0.6	<0.5	2.20	0.36	92
84925-04	<0.01	<0.05	<1	<0.5	<0.5	13	140	3	8	<5	1.8	0.7	<0.5	2.07	0.38	89
84926-02	<0.02	<0.05	<1	0.5	<0.5	<4	<50	10	18	17	2.7	0.9	<0.5	2.24	0.35	67
84926-03	<0.02	<0.05	1	<0.5	<0.5	<4	120	10	20	11	3.0	1.0	<0.5	2.26	0.40	75
84926-04	<0.01	<0.05	<1	0.5	<0.5	<4	150	10	17	13	2.8	0.9	<0.5	2.13	0.42	72
84926A-04	<0.01	<0.05	<1	<0.5	0.8	<4	150	10	21	8	2.8	1.1	<0.5	2.16	0.35	67
84927-03	<0.02	<0.05	<1	1.9	<0.5	<4	150	12	24	12	3.0	0.9	<0.5	1.88	0.30	45
84927-04	<0.02	<0.05	<1	2.0	1.2	<4	200	22	37	22	3.7	2.1	<0.5	1.77	0.29	48
84927-05	<0.02	<0.05	<1	2.0	<0.5	<4	140	40	58	23	5.0	3.2	<0.5	2.03	0.33	50
84928-01	<0.01	0.07	<1	8.7	2.9	<4	<50	23	31	13	2.2	0.8	<0.5	0.74	0.16	11
84928-02	<0.01	<0.05	<1	9.4	2.7	<4	<50	24	33	11	2.3	0.8	<0.5	1.01	0.19	7
84928-03	<0.01	<0.05	1	9.4	2.8	<4	62	25	36	15	2.3	1.0	<0.5	0.84	0.13	6
84929-02	<0.02	<0.05	2	2.2	<0.5	<4	120	17	32	16	3.3	1.0	<0.5	2.18	0.36	60
84929-03	<0.02	<0.05	<1	2.3	1.3	34	95	17	32	16	3.2	1.1	<0.5	1.96	0.35	63
84929-04	<0.02	<0.05	<1	3.2	<0.5	<4	210	17	36	11	3.3	1.3	<0.5	2.17	0.34	56
84930-02	<0.02	<0.05	<1	2.5	1.0	<4	120	19	33	14	3.4	1.5	<0.5	1.80	0.32	64
84930-03	<0.02	<0.05	<1	2.5	<0.5	<4	100	17	27	10	3.2	2.3	<0.5	1.85	0.34	62
84930-04	<0.01	<0.05	<1	2.8	<0.5	<4	140	16	29	21	2.8	1.0	0.8	1.58	0.27	40
84931-01	<0.02	<0.05	<1	0.6	1.2	30	110	12	28	13	3.3	1.1	<0.5	2.49	0.44	105
84931-02	<0.02	<0.05	<1	<0.5	<0.5	99	<50	13	29	12	3.7	1.4	<0.5	2.27	0.43	104
84931-03	<0.02	<0.05	<1	<0.5	<0.5	<4	170	13	32	26	3.7	1.5	0.6	2.53	0.37	100
84932-03	<0.02	0.13	<1	5.3	<0.5	<4	99	39	65	31	4.7	1.4	<0.5	0.81	0.14	35
84932-04	<0.02	0.12	<1	5.7	2.2	<4	<50	39	62	32	4.9	1.4	<0.5	0.63	0.09	42
84932-05	<0.02	<0.05	<1	5.8	2.2	<4	<50	40	71	27	4.9	1.4	<0.5	0.63	0.13	39
84933-04	<0.01	<0.05	<1	3.7	1.0	<4	55	17	29	13	2.0	0.5	<0.5	0.38	0.07	9
84933-05	<0.02	0.11	<1	5.6	0.9	4	<50	35	63	26	3.8	1.2	<0.5	0.75	0.13	22
84934-02	<0.01	0.10	<1	6.5	1.4	<4	<50	28	45	25	2.9	1.0	<0.5	0.43	0.13	2
84934-03	<0.02	0.08	<1	6.9	<0.5	<4	100	30	47	17	3.1	1.0	<0.5	0.55	0.07	4
84934-04	<0.02	0.09	<1	5.8	<0.5	<4	<50	26	43	16	2.6	0.8	<0.5	0.25	0.07	3
84935-02	<0.02	<0.05	<1	4.7	3.5	<4	<50	25	39	14	2.4	0.8	<0.5	0.50	0.12	4
84935-03	<0.01	<0.05	<1	6.3	2.7	<4	<50	47	71	28	4.5	1.2	<0.5	0.53	0.12	4
84935-04	<0.02	<0.05	<1	7.0	2.9	<4	<50	49	73	31	4.6	1.3	<0.5	0.50	0.10	4
84936-03	<0.02	0.05	<1	4.6	<0.5	<4	<50	27	42	18	2.7	0.9	<0.5	0.46	0.09	2
84936-04	<0.02	<0.05	2	5.0	<0.5	<4	<50	27	44	15	2.6	1.0	<0.5	0.55	0.06	2

Activation Laboratories Ltd. Work Order: 1614 Report: 1639

Sample description	SN %	SR %	TA PPM	TH PPM	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	CU PPM
84936-05	<0.02	0.10	<1	5.7	1.5	<4	<50	27	45	16	2.4	0.8	<0.5	0.30	<0.05	1
84937-03	<0.02	<0.05	<1	4.7	<0.5	<4	<50	32	51	17	2.7	0.9	<0.5	0.35	<0.05	2
84937-04	<0.02	<0.05	<1	5.3	<0.5	<4	<50	28	45	21	2.5	0.8	<0.5	0.49	0.08	2
84937-05	<0.02	0.13	<1	4.2	<0.5	<4	130	24	34	17	2.3	0.7	<0.5	0.37	0.06	15
84938-03	<0.01	<0.05	<1	2.2	<0.5	<4	<50	17	31	17	4.0	1.1	1.0	5.24	0.91	15
84938-04	<0.01	<0.05	<1	2.4	0.8	<4	68	17	38	15	3.9	1.1	<0.5	5.05	0.86	18
84938-05	<0.01	<0.05	<1	2.3	0.6	<4	51	20	43	21	4.1	1.1	0.9	5.43	0.87	3
84939-22	<0.02	<0.05	<1	1.0	<0.5	<4	<50	9	18	7	2.3	0.9	<0.5	2.27	0.43	58
84939-23	<0.02	0.09	<1	0.8	<0.5	<4	<50	10	22	<5	2.4	0.8	<0.5	2.26	0.38	49
84939-24	<0.02	<0.05	<1	0.7	<0.5	<4	<50	12	23	<5	2.9	0.8	<0.5	2.33	0.36	36
84912-bldr	<0.01	<0.05	<1	<0.5	<0.5	<4	<50	<1	<3	<5	0.3	<0.2	<0.5	0.19	<0.05	1

APPENDIX F

ACTIVATION LABORATORIES LTD. – HEAVY MINERAL ANALYSES

Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SR %
84901-01	170	<5	110	<200	<5	8	200	340	<2	20.0	170	<5	<40	<20	2200	<200	<50	0.6	55	<20	<0.2
84901-02	134	<5	120	<200	<5	15	140	400	<2	21.0	170	<5	<40	<20	2740	<200	<50	0.6	73	<20	0.3
84901-03	319	<5	200	<200	<5	8	200	330	<2	18.6	250	<5	<40	<20	2320	<200	<50	2.5	60	<20	<0.2
84901-04	215	<5	550	<200	<5	<2	250	270	<2	19.9	210	<5	<40	<20	1780	<200	<50	5.9	52	<20	<0.2
84902-02	1200	<5	110	<200	<5	<2	1300	220	<2	23.5	110	<5	<40	<20	1810	<200	<50	1.8	44	26	<0.2
84903-01	60	<5	100	<200	<5	<2	240	310	<2	16.2	230	<5	<40	INT	1780	<200	<50	0.7	60	<20	<0.2
84904-01	44	<5	140	450	<5	8	240	270	<2	17.6	140	<5	<40	<20	1620	<200	<50	1.4	55	<20	<0.2
84905-01	693	<5	100	560	<5	7	220	270	<2	17.7	170	<5	<40	<20	2140	<200	<50	1.3	57	<20	<0.2
84905-02	120	<5	140	<200	<5	7	300	230	<2	18.5	150	<5	<40	<20	1900	<200	<50	0.6	51	<20	<0.2
84906-01	160	<5	43	<200	<5	9	81	350	<2	16.4	290	<5	<40	<20	1970	<200	<50	<0.2	69	<20	<0.2
84906-02	<7	<5	45	580	<5	<2	69	380	<2	15.3	340	<5	<40	INT	1980	<200	<50	<0.2	62	<20	<0.2
84906-03	20	<5	170	<200	<5	8	160	290	<2	18.1	190	<5	<40	<20	1970	<200	<50	0.4	60	<20	<0.2
84907-01	109	<6	41	<200	<5	<3	78	430	<2	17.6	390	<5	<40	INT	4560	<200	<50	<0.2	68	<20	<0.2
84907-02	46	<5	100	<200	<5	7	290	250	<2	19.4	140	<5	<40	<20	2200	<200	<50	<0.2	54	<20	<0.2
84907-03	199	<5	79	<200	<5	6	130	280	<2	16.9	190	<5	<40	<20	2370	<200	<50	0.9	57	<20	<0.2
84907-04	32	<5	89	<200	<5	10	130	320	<2	20.1	170	<5	<40	<20	3860	<200	<50	0.9	64	<20	<0.2
84907-05	114	<5	120	<200	<5	9	120	390	<2	19.7	180	<5	<40	<20	3190	<200	<50	1.2	70	<20	<0.2
84907-06	<5	<5	140	<200	<5	8	130	270	<2	22.1	130	<5	<40	<20	3040	<200	<50	2.8	51	<20	<0.2
84907-07	104	<5	250	<200	<5	5	94	300	<2	27.8	71	<5	<40	<20	2880	<200	<50	0.1	36	<20	<0.2
84908-01	302	<6	130	<200	<5	10	120	490	<2	22.7	350	<5	<40	<20	3020	<200	<50	1.3	77	<20	<0.2
84908-02	52	<5	61	<200	<5	7	99	310	<2	15.7	250	<5	<40	<20	2370	<200	<50	<0.2	54	<20	<0.2
84908-03	17	<5	31	<200	<5	<2	76	350	<2	15.2	340	<5	<40	<20	2340	<200	<50	0.5	60	<20	<0.2
84908-04	150	<5	46	<200	<5	6	86	310	<2	15.5	250	<5	<40	INT	2490	<200	<50	<0.2	56	<20	<0.2
84908-05	107	<5	49	410	<5	9	80	300	<2	15.8	240	<5	<40	<20	2200	<200	<50	0.3	57	<20	<0.2
84908-06	52	<5	64	650	<5	<2	94	310	<2	16.4	290	<5	<40	INT	2370	<200	<50	0.8	61	<20	<0.2
84908-07	5	<5	32	<200	<5	<3	55	260	<2	11.8	290	<5	<40	INT	2510	<200	<50	1.6	55	<20	<0.2
84909-01	854	<5	94	<200	<5	8	99	310	<2	17.7	220	<5	<40	<20	2100	440	<50	0.8	60	<20	<0.2
84909-02	744	<5	110	<200	<5	8	130	300	<2	16.5	170	<5	<40	<20	2650	<200	<50	0.8	56	<20	<0.2
84909-02B	286	<5	96	<200	<5	9	120	300	<2	15.7	140	<5	<40	INT	3050	<200	<50	0.8	59	<20	<0.2
84910-01	351	<5	33	<200	<5	<1	160	66	<2	16.6	34	<5	<40	<20	966	<200	55	3.7	48	<20	<0.2
84911-01	718	<6	110	<200	<5	11	150	450	<2	21.8	260	<5	<40	INT	3290	<200	<50	2.1	76	<20	<0.2
84912-01	579	<5	55	<200	<5	11	86	400	<2	18.9	270	<5	<40	INT	3290	<200	<50	1.0	72	<20	<0.2
84912-02	285	<7	540	<200	<5	9	300	340	<2	21.4	270	<5	<40	<20	3650	510	<50	3.0	69	<20	<0.2
84913-01	126	<6	110	<200	<5	<3	130	420	<2	20.7	240	<5	<40	<20	2960	<200	<50	1.1	78	<20	<0.2
84913-02	135	<5	79	<200	<5	9	120	390	<2	18.8	300	<5	<40	INT	3850	<200	<50	<0.2	75	<20	<0.2

Activation Laboratories Ltd. Work Order: 1676 Report: 1685

Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SR %
84913-03	108	<5	66	840	<5	12	100	400	<2	18.5	280	<5	<40	INT	3670	<200	<50	0.9	74	<20	<0.2
84913-04	170	<5	110	<200	<5	10	230	360	<2	19.4	260	<5	<40	INT	2670	<200	<50	1.1	67	<20	<0.2
84913-05	1920	<5	94	<200	<5	10	90	320	<2	17.6	210	<5	<40	<20	2180	<200	<50	0.9	63	<20	<0.2
84913-06	179	<5	190	<200	<5	8	120	300	<2	20.1	190	<5	<40	INT	1940	<200	<50	1.6	63	<20	<0.2
84913-07	963	<5	100	<200	<5	8	110	340	<2	18.3	190	<5	<40	<20	2480	<200	<50	1.0	61	<20	<0.2
84913-08	179	<5	120	<200	<5	<2	120	370	<2	21.2	250	<5	<40	INT	1960	<200	<50	<0.2	58	<20	<0.2
84913-09	91	<5	140	<200	<5	9	100	370	<2	19.6	290	<5	<40	<20	3080	<200	79	0.6	63	<20	<0.2
84913-10	92	<5	200	510	<5	<2	400	330	<2	21.9	190	<5	<40	INT	1870	<200	<50	1.9	72	<20	<0.2
84914-01	245	<5	130	<200	<5	<2	180	340	<2	19.5	270	<5	<40	<20	2530	<200	<50	0.8	65	<20	<0.2
84915-01	61	<5	160	<200	<5	11	700	290	<2	29.4	140	<5	<40	INT	2310	960	<50	2.0	60	<20	<0.2
84916-01	131	<5	67	<200	<5	<2	110	360	<2	18.1	320	<5	<40	INT	4420	<200	<50	<0.2	62	<20	<0.2
84916-02	149	<5	150	<200	<5	<2	140	390	<2	18.6	300	<5	<40	INT	3620	<200	<50	1.0	61	<20	<0.2
84916-03	547	<5	130	<200	<5	7	76	370	<2	18.2	270	<5	<40	<20	3110	<200	<50	1.5	60	<20	<0.2
84916-04	89	<5	31	<200	<5	13	130	340	<2	17.3	200	<5	<40	<20	3020	<200	<50	1.2	65	<20	<0.2
84917-01	66900	<5	99	<200	<5	<3	170	290	7	20.0	220	<5	<40	INT	2640	<200	<50	1.5	58	<20	<0.2
84917-02	172	<5	130	<200	<5	<2	160	350	<2	20.9	240	<5	<40	INT	2410	<200	<50	1.0	60	<20	<0.2
84918-01	110	<5	100	<200	<5	6	140	390	<2	20.8	280	<5	<40	INT	3560	<200	<50	1.2	66	<20	<0.2
84918-02	518	<6	83	<200	<5	<3	110	340	<2	18.5	350	<5	<40	INT	3620	<200	<50	<0.2	68	<20	<0.2
84918-03	445	<5	140	<200	<5	<2	150	340	<2	19.4	250	<5	<40	<20	2970	<200	<50	0.9	59	<20	<0.2
84918-04	375	<5	120	<200	<5	<2	120	370	4	19.6	310	<5	<40	<20	3540	<200	<50	1.3	64	<20	<0.2
84918-05	450	<5	350	<200	<5	<2	120	380	<2	19.2	290	<5	<40	<20	3150	570	<50	0.8	64	<20	<0.2
84918-06	120	<5	530	<200	<5	7	110	360	<2	19.3	330	<5	<40	<20	3430	<200	<50	<0.2	64	<20	<0.2
84918-07	86	<5	400	<200	<5	8	180	410	<2	18.6	260	<5	<40	<20	3190	<200	<50	2.9	67	<20	<0.2
84919-01	44	<5	84	<200	<5	6	110	340	<2	19.1	250	<5	<40	<20	2420	<200	<50	1.6	68	<20	<0.2
84919-02	465	<5	170	<200	<5	<2	210	330	<2	18.7	230	<5	<40	<20	2620	540	<50	1.1	60	<20	<0.2
84920-01	15	<5	90	<200	<5	<2	110	290	4	17.7	200	<5	<40	INT	1630	<200	<50	0.8	54	<20	<0.2
84920-02	101	<5	120	<200	<5	7	200	260	<2	18.7	190	<5	<40	<20	3660	<200	<50	1.1	55	<20	<0.2
84920-03	353	<5	160	<200	<5	10	120	290	<2	15.8	190	<5	<40	INT	3330	<200	<50	<0.2	57	<20	<0.2
84920-04	377	<5	160	<200	<5	<2	110	330	<2	16.5	230	<5	<40	<20	2620	<200	<50	1.4	62	<20	<0.2
84920-05	230	<5	110	<200	<5	7	90	310	<2	17.2	230	<5	<40	<20	2590	<200	<50	1.1	53	<20	<0.2
84922-01	1160	<5	130	<200	<5	<2	140	350	<2	20.5	230	<5	<40	INT	2170	<200	<50	1.4	65	<20	<0.2
84922-02	526	<5	260	<200	<5	7	130	310	<2	17.1	160	<5	<40	<20	2300	<200	<50	1.8	55	<20	<0.2
84923-01	198	<6	1200	<200	<5	<3	1100	270	<2	23.5	230	<5	<40	<20	2280	<200	<50	<0.3	52	<20	<0.2
84924-01	77	<5	120	<200	<5	<2	140	320	<2	19.4	240	<5	<40	INT	2300	<200	<50	1.2	67	<20	<0.2
84924-02	153	<5	120	570	<5	<2	120	330	<2	18.3	240	<5	<40	INT	2350	<200	<50	1.3	62	<20	<0.2

Activation Laboratories Ltd. Work Order: 1676 Report: 1685

Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SR %
84924-03	39	<5	180	<200	<5	<3	180	390	<2	19.6	230	<5	<40	<20	2580	680	<50	1.7	65	<20	<0.2
84925-01	186	<6	560	<200	<5	<3	850	320	<2	25.6	200	<5	<40	INT	2070	<200	<50	3.3	52	<20	<0.2
84926-01	195	<5	110	740	<5	6	350	380	<2	22.4	280	<5	<40	INT	2170	<200	<50	<0.2	61	<20	<0.2
84926A-01	210	<5	110	<200	<5	8	120	360	<2	19.5	220	<5	<40	<20	1870	760	<50	1.2	70	<20	<0.2
84926A-02	69	<5	67	<200	<5	4	93	220	<2	12.5	120	<5	<40	<20	1250	<200	<50	0.8	38	<20	<0.2
84926A-03	345	<5	210	<200	<5	<2	160	330	<2	19.6	200	<5	<40	<20	2540	<200	<50	<0.2	68	<20	<0.2
84927-01	80	<5	160	<200	<5	6	210	330	<2	20.3	120	<5	<40	<20	1710	<200	<50	1.2	60	<20	<0.2
84927-02	161	<5	140	610	<5	<2	170	420	<2	22.8	200	<5	<40	INT	2310	290	<50	1.1	68	<20	<0.2
84929-01	31	<5	130	<200	<5	<2	100	330	<2	17.8	230	<5	<40	<20	1830	<200	<50	1.7	62	<20	<0.2
84930-01	81	<5	180	<200	<5	10	210	450	<2	25.1	250	<5	<40	<20	2330	<200	<50	1.8	66	<20	<0.2
84932-01	52	<5	99	<200	<5	9	140	260	<2	15.6	120	<5	<40	<20	2280	<200	<50	0.4	61	<20	<0.2
84932-02	67	<5	69	<200	<5	6	170	270	<2	16.1	170	<5	<40	INT	2230	<200	<50	0.9	56	<20	<0.2
84933-01	79	<5	86	530	<5	9	160	280	<2	17.9	170	<5	<40	<20	1780	<200	<50	0.5	61	<20	<0.2
84933-02	64	<5	93	<200	<5	6	180	260	<2	18.9	150	<5	<40	<20	2120	<200	<50	0.7	59	<20	<0.2
84933-03	147	<5	60	<200	<5	7	190	340	<2	17.3	250	<5	<40	INT	2340	<200	<50	1.2	64	<20	<0.2
84934-01	101	<5	72	<200	<5	9	180	400	<2	18.5	150	<5	<40	INT	2310	<200	<50	0.8	59	<20	<0.2
84935-01	79	<5	90	<200	<5	<2	180	330	<2	18.8	210	<5	<40	INT	2410	<200	<50	0.9	57	<20	<0.2
84936-01	217	<5	88	<200	<5	<2	170	320	<2	18.1	190	<5	<40	INT	1750	<200	82	1.1	55	<20	<0.2
84936-02	191	<5	58	<200	<5	<2	160	280	<2	17.1	190	<5	<40	INT	1920	<200	<50	0.8	51	<20	<0.2
84937-01	54	<5	100	<200	<5	<2	210	260	<2	17.8	240	<5	<40	<20	2250	<200	<50	1.7	56	<20	<0.2
84937-02	129	<5	76	<200	<5	6	100	350	<2	17.5	330	<5	<40	INT	2890	<200	<50	1.3	62	<20	<0.2
84938-01	867	<5	88	<200	<5	<2	180	280	<2	17.3	160	<5	<40	<20	1810	<200	<50	<0.2	58	<20	<0.2
84938-02	85	<5	97	<200	<5	<2	210	280	<2	23.9	160	<5	<40	INT	2070	<200	<50	1.4	55	<20	<0.2
84939-01	70	<5	170	650	<5	<2	210	330	<2	20.3	160	<5	<40	<20	2150	<200	<50	0.7	60	<20	<0.2
84939-02	2040	<5	170	<200	<5	9	200	400	<2	23.2	240	<5	<40	INT	1970	<200	<50	1.5	67	<20	<0.2
84939-03	440	<5	100	<200	<5	<2	160	370	<2	20.0	260	<5	<40	<20	2120	<200	<50	0.9	69	<20	<0.2
84939-04	58	<5	120	<200	<5	13	140	410	<2	21.6	300	<5	<40	<20	2640	400	<50	2.0	72	<20	<0.2
84939-05	162	<5	100	<200	<5	11	100	390	<2	20.6	290	<5	<40	INT	2850	<200	<50	0.3	71	<20	<0.2
84939-06	86	<5	96	<200	<5	7	120	310	<2	17.3	230	<5	<40	<20	2470	<200	<50	0.4	61	<20	<0.2
84939-07	59	<5	86	<200	<5	7	120	330	<2	17.8	240	<5	<40	20	2300	<200	<50	<0.2	61	<20	<0.2
84939-08	150	<5	86	540	<5	8	92	290	<2	15.8	230	<5	<40	INT	2040	<200	<50	1.0	56	<20	<0.2
84939-09	69	<5	110	<200	<5	8	110	400	<2	21.0	310	<5	<40	<20	2920	<200	<50	<0.2	71	<20	<0.2
84939-10	293	<5	88	<200	<5	<2	120	350	<2	19.6	290	<5	<40	INT	2600	<200	<50	0.4	67	<20	<0.2
84939-11	37	<5	81	<200	<5	7	120	400	<2	19.5	360	<5	<40	INT	2640	<200	<50	<0.2	70	<20	<0.2
84939-12	119	<5	96	<200	<5	6	110	330	<2	18.0	270	<5	<40	INT	2330	450	<50	1.0	56	<20	<0.2

Activation Laboratories Ltd. Work Order: 1676 Report: 1685

Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SR %
84939-13	86	<5	93	<200	<5	6	130	390	<2	19.9	310	<5	<40	INT	1920	<200	<50	1.4	59	<20	<0.2
84939-14	500	<5	110	<200	<5	<2	110	420	<2	21.8	360	<5	<40	INT	2200	<200	<50	<0.2	64	<20	<0.2
84939-15	359	<5	110	<200	<5	<2	130	360	<2	21.8	270	<5	<40	INT	1890	<200	<50	1.0	64	<20	<0.2
84939-16	173	<5	86	<200	<5	<3	110	450	<2	21.4	310	<5	<40	<20	1890	<200	<50	<0.2	65	<20	<0.2
84939-17	7760	<5	120	<200	<5	7	110	370	<2	21.7	280	<5	<40	<20	2090	<200	<50	0.4	64	<20	<0.2
84939-18	784	<5	410	<200	<5	9	370	300	<2	21.3	180	<5	<40	<20	2220	570	<50	3.6	54	<20	<0.2
84939-19	325	<5	270	630	<5	10	260	380	<2	26.4	200	<5	<40	INT	2820	<200	<50	3.3	62	<20	<0.2
84939-20	458	<6	770	<200	<5	12	420	490	<2	30.6	340	<5	<40	INT	2990	<200	<50	6.2	72	<20	<0.2
84939-21	371	<5	230	<200	<5	<3	260	490	<2	28.0	310	<5	<40	<20	3250	<200	<50	1.9	71	<20	<0.2

Sample description	TA PPM	TH PPM	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	CU PPM	Mass g
84901-01	13	61	11	150	<200	210	370	150	31	7.2	<2	24.1	3.6	288	16.60
84901-02	17	73	15	160	<200	260	430	220	37	8.9	5	32.5	5.8	279	24.70
84901-03	15	61	10	77	<200	210	400	180	33	8.9	4	28.9	4.5	320	10.50
84901-04	11	48	11	340	<200	180	370	150	31	7.4	4	24.5	3.6	535	7.900
84902-02	8	35	8.5	460	<200	140	310	150	30	6.8	5	17.9	2.7	1045	5.100
84903-01	14	74	19	170	<200	310	690	390	68	16.2	8	29.8	4.4	610	12.30
84904-01	9	51	8.8	91	<200	180	360	180	32	7.4	5	21.0	3.1	294	13.30
84905-01	12	52	10	230	<200	220	440	220	42	9.6	6	23.1	3.5	570	12.30
84905-02	8	48	9.7	190	<200	170	350	180	33	8.0	5	20.6	3.1	1445	11.20
84906-01	13	84	18	62	220	270	470	180	38	9.8	6	30.0	4.7	214	16.00
84906-02	16	78	17	240	<200	250	530	250	45	10.3	6	33.3	4.7	178	5.600
84906-03	14	57	11	250	300	220	450	210	41	10.0	5	25.7	3.7	710	4.100
84907-01	17	85	20	73	260	330	520	190	43	11.3	8	35.5	6.9	263	19.20
84907-02	11	50	11	650	<200	200	350	190	31	8.6	5	21.2	3.2	267	15.60
84907-03	14	60	11	650	<200	250	440	170	33	8.1	7	24.4	3.7	227	14.80
84907-04	18	56	18	330	<200	250	420	200	40	9.6	6	29.7	5.3	264	19.20
84907-05	18	72	13	88	<200	240	420	190	40	10.3	6	33.0	5.8	191	19.90
84907-06	8	28	8.2	180	230	120	250	130	22	6.1	3	20.4	2.9	260	7.600
84907-07	5	19	2.9	63	<200	74	160	78	13	3.9	2	11.7	1.8	295	10.50
84908-01	24	97	21	110	<200	370	610	270	54	13.0	10	44.7	7.5	172	18.80
84908-02	13	65	14	170	<200	210	380	170	32	7.7	5	24.7	3.7	185	16.30
84908-03	13	73	18	51	310	250	450	200	38	9.6	5	30.0	4.6	259	12.50
84908-04	15	73	15	59	<200	230	400	170	33	7.9	5	26.0	4.1	231	14.80
84908-05	15	73	13	99	<200	240	420	190	35	7.9	4	27.1	4.2	128	15.60
84908-06	17	87	19	180	<200	310	630	330	60	13.7	6	32.6	4.7	329	9.700
84908-07	34	130	25	65	<200	630	1500	1000	180	42.4	17	38.8	5.9	48	9.600
84909-01	16	71	13	90	270	240	410	180	34	7.9	5	28.9	4.4	348	14.70
84909-02	13	52	12	910	<200	200	360	170	31	7.8	5	25.9	4.0	137	10.20
84909-02B	16	62	12	550	<200	200	440	220	41	9.1	6	27.0	3.9	116	6.700
84910-01	2	11	3.4	240	<200	78	160	73	16	3.4	<2	8.9	1.4	2610	12.40
84911-01	23	79	21	500	510	330	550	290	52	12.3	<2	37.6	7.1	240	18.80
84912-01	20	77	20	76	380	320	520	270	48	12.3	6	38.3	7.0	98	22.20
84912-02	25	76	27	150	220	300	500	220	43	11.3	5	34.8	6.1	180	18.20
84913-01	24	78	14	92	310	320	550	290	53	13.1	8	39.7	6.7	135	22.90
84913-02	19	80	21	97	330	330	530	240	48	12.6	6	35.5	6.5	154	25.20

Sample description	TA PPM	TH PPM	U PPM	V PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	CU PPM	Mass g
84913-03	21	84	24	130	<200	330	550	240	49	12.7	8	36.0	6.9	139	22.10
84913-04	23	76	22	120	<200	300	490	250	45	10.5	5	36.2	6.5	440	19.60
84913-05	17	74	13	64	200	240	430	150	36	8.8	4	30.9	4.7	272	14.40
84913-06	14	75	13	110	210	240	480	210	40	8.5	6	31.8	4.7	241	8.100
84913-07	13	71	15	270	<200	240	430	190	35	8.1	5	28.7	4.7	183	12.10
84913-08	15	120	20	90	<200	250	460	170	35	8.4	6	31.5	4.9	205	10.70
84913-09	19	79	18	65	<200	240	430	180	35	8.1	6	35.5	5.1	201	10.50
84913-10	14	77	13	250	<200	260	480	250	38	9.2	<2	36.8	5.5	397	10.80
84914-01	14	78	16	93	<200	250	480	220	40	9.3	5	32.7	4.9	225	15.60
84915-01	14	68	14	50	<200	230	460	210	41	9.5	5	28.6	4.6	198	5.400
84916-01	14	84	16	67	<200	270	470	190	36	9.0	<2	32.8	4.8	166	16.60
84916-02	13	79	19	71	<200	250	440	200	35	8.1	5	33.0	4.9	253	14.20
84916-03	12	66	13	120	<200	220	420	190	35	7.7	6	32.2	5.0	309	12.00
84916-04	12	53	13	<4	<200	210	440	230	38	9.8	5	31.6	5.0	175	6.300
84917-01	15	69	20	140	<200	240	410	150	33	8.8	6	26.4	4.7	202	15.80
84917-02	19	78	14	400	<200	250	450	200	37	8.8	4	31.9	4.7	590	13.50
84918-01	17	91	18	220	<200	280	490	210	39	9.0	6	32.3	5.3	116	16.20
84918-02	25	87	32	460	220	330	540	280	50	12.9	8	44.7	8.3	155	18.60
84918-03	14	74	17	160	200	240	420	200	35	7.9	6	29.4	4.8	159	14.30
84918-04	15	81	18	110	<200	260	440	200	37	9.0	6	32.7	5.3	160	12.70
84918-05	15	68	17	79	<200	230	430	190	33	8.1	<2	32.0	5.3	109	12.10
84918-06	15	76	17	160	<200	240	430	220	36	9.4	6	35.6	5.7	158	9.800
84918-07	11	55	11	260	<200	200	340	150	30	8.3	5	27.5	4.8	170	14.50
84919-01	17	81	17	59	340	280	490	250	43	9.8	7	32.5	5.0	121	14.00
84919-02	17	77	13	73	<200	250	440	180	37	8.7	5	30.1	4.5	392	13.90
84920-01	14	63	14	67	<200	220	410	160	35	7.6	7	27.9	4.1	221	13.80
84920-02	12	61	10	44	250	230	450	220	38	8.5	5	23.0	3.6	175	14.00
84920-03	35	57	20	87	290	250	480	310	61	11.6	11	40.5	6.5	105	20.90
84920-04	14	62	10	940	<200	210	400	180	34	7.8	<2	29.6	4.4	133	11.30
84920-05	14	64	11	190	<200	200	380	160	31	6.9	<2	26.7	4.0	90	14.20
84922-01	15	83	17	98	<200	270	500	240	41	9.0	5	33.2	5.1	204	12.50
84922-02	12	50	12	100	240	180	340	170	30	6.7	6	24.3	3.9	137	16.40
84923-01	8	62	13	450	<200	200	410	190	34	8.4	<2	21.7	3.3	470	5.800
84924-01	15	90	18	130	<200	270	460	250	40	9.2	5	31.6	5.0	271	16.60
84924-02	16	75	15	87	230	250	450	190	36	8.7	5	29.5	5.1	209	14.30

Activation Laboratories Ltd. Work Order: 1676 Report: 1685

Sample description	TA PPM	TH PPM	U PPM	V PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	CU PPM	Mass g
84924-03	17	91	17	370	470	240	490	250	49	11.5	8	30.6	4.9	3340	5.200
84925-01	17	200	29	790	<200	320	650	230	52	9.8	10	32.0	5.0	1050	4.200
84926-01	17	79	19	230	270	270	510	220	41	9.2	6	32.8	5.1	490	11.20
84926A-01	16	81	15	64	<200	290	500	210	43	9.8	6	32.1	5.1	162	16.90
84926A-02	10	42	8.9	110	<200	150	280	140	24	5.6	4	19.6	3.0	482	15.30
84926A-03	15	69	16	970	230	260	490	200	49	11.6	7	28.3	4.3	285	7.900
84927-01	13	62	12	150	<200	230	430	220	40	9.3	5	25.2	3.8	353	15.40
84927-02	22	78	20	120	<200	310	540	270	53	11.3	6	36.0	6.1	297	19.60
84929-01	18	72	15	110	<200	250	420	180	35	9.0	5	28.8	4.4	179	15.70
84930-01	22	96	19	170	210	320	570	290	53	10.4	7	38.4	6.8	276	18.20
84932-01	13	59	12	150	<200	220	430	250	44	10.7	6	25.6	3.8	283	11.00
84932-02	13	63	14	270	<200	230	420	200	39	9.2	6	23.6	3.8	210	12.80
84933-01	16	64	14	210	<200	230	440	220	41	10.1	5	28.5	4.2	391	9.000
84933-02	13	66	10	180	<200	230	430	210	39	9.4	5	27.2	4.0	710	14.90
84933-03	14	63	12	320	<200	240	440	210	40	9.0	5	26.2	4.3	146	11.00
84934-01	17	93	16	230	<200	260	580	360	65	13.5	8	38.0	4.3	281	5.100
84935-01	15	69	16	150	<200	240	420	210	37	8.6	5	26.0	4.2	160	14.80
84936-01	14	64	15	210	<200	230	390	160	34	8.1	6	24.7	4.0	194	16.10
84936-02	17	71	14	300	<200	240	440	210	39	8.6	6	25.8	4.2	128	14.00
84937-01	16	73	16	230	240	240	400	210	34	7.8	6	26.9	4.3	1310	15.90
84937-02	17	91	17	300	<200	300	530	250	44	10.2	7	30.8	5.1	395	10.60
84938-01	12	63	14	210	250	220	380	180	33	8.2	5	22.1	4.0	194	17.10
84938-02	18	61	14	410	<200	240	430	210	43	9.5	6	30.3	5.2	187	18.30
84939-01	14	58	12	200	<200	210	380	150	31	7.5	5	26.2	3.9	355	17.70
84939-02	24	81	21	210	<200	310	550	280	53	11.3	8	39.3	6.9	196	17.60
84939-03	13	73	14	190	<200	270	480	130	38	10.3	8	31.7	5.0	179	16.30
84939-04	18	86	24	160	280	340	580	290	54	12.1	7	42.5	7.5	265	17.90
84939-05	25	88	20	71	<200	350	600	240	54	11.8	8	40.7	7.0	175	19.40
84939-06	16	68	14	87	<200	240	410	170	36	8.9	7	27.8	4.8	143	15.70
84939-07	19	71	15	100	<200	250	410	140	35	8.6	<2	28.5	4.8	170	15.90
84939-08	16	73	16	83	<200	240	420	200	36	7.8	<2	27.8	4.5	226	12.50
84939-09	21	100	24	110	270	360	610	290	55	11.9	7	43.7	7.6	125	18.30
84939-10	16	83	20	71	<200	280	480	240	37	9.1	5	31.0	5.4	287	16.50
84939-11	23	99	24	100	<200	300	500	210	41	10.8	7	32.9	5.7	243	12.60
84939-12	17	85	16	93	<200	260	450	200	37	8.2	6	29.1	4.7	208	13.00

Sample description	TA PPM	TH PPM	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	CU PPM	Mass g
84939-13	20	95	17	98	<200	270	490	200	39	8.6	8	33.4	5.4	261	10.50
84939-14	18	100	19	93	<200	300	530	230	43	10.2	6	37.8	5.8	202	9.300
84939-15	20	86	14	76	<200	270	480	200	38	8.3	6	33.9	5.5	403	11.10
84939-16	20	110	20	250	<200	290	530	260	43	9.5	<2	36.5	5.9	164	6.700
84939-17	16	94	19	91	<200	260	500	210	39	9.3	6	34.2	5.4	510	10.20
84939-18	9	45	11	76	700	180	320	140	27	7.5	4	26.0	4.1	292	11.20
84939-19	19	62	15	90	230	250	430	190	38	9.2	6	35.5	6.4	388	15.20
84939-20	21	85	26	110	<200	330	570	270	51	11.5	8	45.4	8.3	289	9.300
84939-21	23	82	22	77	330	310	560	280	47	10.5	8	46.1	8.2	231	13.00

APPENDIX G

CONCENTRATE BINOCULAR EXAMINATIONS FOR COPPER MINERALS

Sample No.	Cu (ppm)	Vert. Cont.	Table Feed (kg)	Sample Interval	Observations
84902-01	1045	Basal sample	2.7	0.3	Est. 5% pyrite 0.2% chalcopyrite trace bornite 20% lithics (50% of chalco. in cuttings)
84905-02	1445	Basal sample	3.8	1.9	Est. 10% pyrite 0.2% chalcopyrite 1 gr. arseno.? 15% lithics (most chalco. in cuttings)
84910-01	2610	Basal sample	1.2	0.1	Est. 10% pyrite 0.7% chalcopyrite 80% lithics (some chalco. in cuttings)
84924-03	3340	Basal sample	3.1	0.4	Est. 3% pyrite No chalcopyrite 0.3% bornite 2% lithics (some bornite in cuttings)
84925-01	1050	Basal sample	3.7	0.4	Est. 5% pyrite 0.2% chalcopyrite 7% lithics (all chalco. in cuttings)
84937-01	1310	No	8.5	0.8	Est. 3% pyrite No Cu minerals 1% lithics

** INCO **
DRILL LOG

BOREHOLE :84901-0 PRINT DATE :28-AUG-1990 08:03
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

Latitude	: 325.00N	Departure	: 1200.00E	Elevation	: 1000.00m	Hole length	: 22.00m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 14, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 14, 1990	BH bearing	:
Claim #	:	Section	: 12+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE
OLD BIT FROM CASA BERARDI JOB
3 HOUR WAIT FOR HELECOPTER
****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	1.40	HUMUS										
		oRganic material.	0.00	1.40	1.40	NS						
1.40	13.40	SEDIMENT										
		OJIBWY II SEDIMENTS.	1.40	13.40	12.00	NS						
	1.40	8.50 Gray, very soft, easy to penetrate& appears gray to gray beige colour to 3.0 metres with very minor grit small pebbles which disappear below 4.0 metres.										
	8.50	13.40 Gray, soft, non gritty clay. Gray to gray colour.										

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
13.40	20.60	TILL										
		Gray -beige , unsorted with	13.40	16.00	2.60	RX 126645	170.	110.0	<5.000	150.00	20.00	<200.
		fine sand/silt matrix till is cobbly	16.00	17.60	1.60	RX 126646	134.	120.0	<5.000	160.00	21.00	<200.
		but matrix supported. Contains 50%	17.60	19.60	2.00	RX 126647	319.	200.0	<5.000	77.00	18.60	<200.
		intermediate to mafic volcanics/	19.60	20.60	1.00	RX 126648	215.	560.0	<5.000	340.00	19.90	<200.
		sedimentary clasts and 50% granitic										
		clasts. At 15.90 metres the till										
		becomes more difficult to penetrate.										
		16.40 20.40 Till matrix is a gray,										
		gritty clay.										
		20.40 20.60 Fine sand/silt matrix.										
20.60	22.00	BEDROCK										
		Dark green, medium grained	20.60	21.10	0.50	RX 126649	<5.	22.0	<5.000	<4.00	7.27	<50.
		(0.2 mm), massive to very weakly	21.10	21.60	0.50	RX 126650	<5.	27.0	<5.000	<4.00	7.46	<50.
		foliated, weakly calcareous with very	21.60	22.00	0.40	RX 126651	<5.	25.0	<5.000	<4.00	7.01	<50.
		minor epidote alteration& contains										
		trace disseminated pyrite.										

** INCO **
DRILL LOG

BOREHOLE :84902-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

PRINT DATE :28-AUG-1990 08:11

Latitude	: 275.00N	Departure	: 800.00E	Elevation	: 1000.00m	Hole length	: 18.00m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 14, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 14, 1990	BH bearing	:
Claim #	:	Section	: 8+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE

****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	1.00	HUMUS										
		Organic material.	0.00	1.00	1.00	NS						
1.00	15.90	SEDIMENT										
		OJIBWAY II SEDIMENTS.	1.00	15.90	14.90	NS						
		gray clay with traces of grit and very rare pebbles. Below 4.0 metres grit and pebbles decreasing to nil.										
		9.00 15.90 Gray to gray beige, less non gritty, pure clay.										
15.90	16.20	TILL										
		till with fine sand/silt till is	15.90	16.20	0.30	RX 126652	1200.	110.0	<5.000	460.00	23.50	<200.

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		pebbly but matrix supported.										
		Percentage of as in hole 84901.										
16.20	18.00	BEDROCK										
		Dark green, fine grained (<	16.20	16.70	0.50	RX 126653	5.	<2.0	<5.000	<4.00	7.31	129.
		0.1 mm), strongly schistose, strongly	16.70	17.20	0.50	RX 126654	<5.	<2.0	<5.000	<4.00	7.44	117.
		calcareous	17.20	18.00	0.80	RX 126655	<5.	<2.0	<5.000	<4.00	7.11	124.
		% calcite veinlets.										

** INCO **
DRILL LOG

BOREHOLE :84903-0 PRINT DATE :28-AUG-1990 08:11
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

Latitude	: 250.00N	Departure	: 400.00E	Elevation	: 1000.00m	Hole length	: 10.50m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 15, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 15, 1990	BH bearing	:
Claim #	:	Section	: 4+00E	Grid name	:	Heading	:

COMMENTS : **********
LEFT IN HOLE NONE
1 HOUR MECHANICAL DOWNTIME
CHANGE BIT FROM LAST HOLE
****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	1.30	HUMUS										
	.		0.00	1.30	1.30	NS						
1.30	7.90	SEDIMENT										
		Beige lightly oxidized clay	1.30	7.90	6.60	NS						
		to 2.00 metres. Below 2.00 metres gray in colour. Unit is slightly but consistently gritty with rare scattered pebbles and granules. No pebbles below 4.00 metres.										
	7.50	7.90 Granodiorite boulder.										
7.90	9.90	TILL										
		Gray beige , unsorted till	7.90	9.00	1.10	RX 126656	60.	100.0	<5.000	170.00	16.20	<200.
		with fine sand/silt unit is cobbly but	9.00	9.60	0.60	RX 126657	<5.	<2.0	<5.000	<4.00	7.92	85.
		matrix supported. Contains 50%	9.60	9.90	0.30	RX 126658	5.	<2.0	<5.000	<4.00	8.03	142.
		intermediate to mafic& sedimentary clasts& 50% granitic clasts.										

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
9.90	10.50	BEDROCK										
		Green to gray green, fine grained, strongly schistose to sheared. weakly calcareous but 50% of the gray calcareous clay. Rare small filled amygdules. No mineralization noted. metres poritons of the sample have a brown oxidized colour. E.O.H. = 10.50 metres.	9.90	10.00	0.10	RX 126658	5.	<2.0	<5.000	<4.00	8.03	142.
			10.00	10.50	0.50	RX 126659	<5.	<2.0	<5.000	<4.00	8.76	168.

** INCO **
DRILL LOG

BOREHOLE :84904-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

PRINT DATE :28-AUG-1990 08:11

Latitude	: 300.00N	Departure	: 0.00	Elevation	: 1000.00m	Hole length	: 23.10m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 15, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 15, 1990	BH bearing	:
Claim #	:	Section	: 0+00	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE

****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	1.20	HUMUS										
		oRganic material.	0.00	1.20	1.20	NS						
1.20	21.30	SEDIMENT										
		OJIBWAY II SEDIMENTS.	1.20	21.30	20.10	NS						
	1.20	12.00 Gray, slightly gritty, soft clay.										
	12.00	21.30 Gray to gray beige, varved ? , non gritty										
21.30	21.60	TILL										
		Gray beige , unsorted, fine sand/silt unit is cobbly but matrix	21.30	21.60	0.30	RX 126660	44.	140.0	<5.000	91.00	17.60	<200.

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		supported. Contains 50% mafic volcanic/sedimentary clasts with 50% granitic clasts.										
21.60	23.10	BEDROCK										
		Dark green, fine grained, strongly schistose to sheared. Much of the sample gray, gritty, calcite rich clay. Competent chips weakly calcareous. Non magnetic and no mineralization noted.	21.60	22.10	0.50	RX 126661	<5.	3.0	<5.000	<4.00	5.97	146.
			22.10	22.70	0.60	RX 126662	<5.	3.0	<5.000	<4.00	4.10	<50.
			22.70	23.10	0.40	RX 126663	<5.	<2.0	<5.000	<4.00	4.98	210.
		22.00 22.40 50 to 75% of sample is ground to gray to gray, gritty clay.										
		22.40 22.70 Clay is brown (oxidized) and calcite rich. Up to oxidized, sheared, competent rock chips.										
		22.70 23.10 Mixed beige brown (oxidized) and gray clay.										

** INCO **
DRILL LOG

BOREHOLE :84905-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

PRINT DATE :28-AUG-1990 08:11

Latitude	: 525.00N	Departure	: 400.00E	Elevation	: 1000.00m	Hole length	: 26.10m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 15, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 15, 1990	BH bearing	:
Claim #	:	Section	: 4+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE

****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	1.00	HUMUS										
			0.00	1.00	1.00	NS						
1.00	20.70	SEDIMENT										
			1.00	19.70	18.70	NS						
	1.00	13.50 Gray, slightly gritty, clay. Grit becoming less. At 2.00 metres granitic cobble.	19.70	20.70	1.00	RX 126664	693.	100.0	<5.000	230.00	17.70	<200.
	13.50	20.70 Gray, non gritty, very soft, clay.										
20.70	24.60	SEDIMENT										
			20.70	22.50	1.80	RX 126664	693.	100.0	<5.000	230.00	17.70	<200.

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
	20.70	22.10 Pebbly sand. Minimal gray beige fine more abundant below 21.70 metres.	22.50	24.60	2.10	RX 126665	120.	140.0	<5.000	190.00	18.50	<200.
	22.10	23.40 Poorly sorted fine silty sand with a fews.										
	23.40	24.60 Cobbly gravel with minor fine sand but is essentially. Contains 60 to 65% intermediate to mafic volcanics and sedimentary clasts with 30 to 35% granitic clasts.										
24.60	26.10	BASALT										
		Dark green to black, fine grained, moderately foliated, weakly magnetic, and weakly calcareous, contains no visible sulfides.	24.60	25.10	0.50	RX 126666	<5.	<2.0	<5.000	<4.00	7.98	<50.
			25.10	25.60	0.50	RX 126667	<5.	<2.0	<5.000	<4.00	7.93	<50.
			25.60	26.10	0.50	RX 126668	7.	<2.0	<5.000	<4.00	8.51	138.
		E.O.H. = 26.10 metres.										

** INCO **
DRILL LOG

BOREHOLE :84906-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

PRINT DATE :28-AUG-1990 08:11

Latitude	: 275.00N	Departure	: 400.00E	Elevation	: 1000.00m	Hole length	: 39.30m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 15, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 15, 1990	BH bearing	:
Claim #	:	Section	: 4+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE

****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	30.60	SEDIMENT										
			0.00	30.60	30.60	NS						
30.60	36.90	SEDIMENT										
		OJIBWAY II SEDIMENTS.	30.60	34.60	4.00	RX 126669	160.	43.0	<5.000	62.00	16.40	220.
		0.00 3.00 No return. Assume this section to be humus ands, this is based on other holes in the area.	34.60	36.90	2.30	RX 126670	<7.	45.0	<5.000	240.00	15.30	<200.
		3.00 20.00 Gray, slightly gritty, clay with a few scattered pebbles. Unit is very soft.										
		20.00 30.60 Gray to gray beige clay with										

** INCO **
DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		little or no grit or pebbles. Unit is very soft as well.										
		30.60 36.90 Fine grained, poorly sorted sand to 33.00 metres. Contains to 2 centimetre thick pebble bands and very minor, medium grained sand metres. Sand is well sorted with a gray beige										
36.90	37.60	TILL										
		Gray, gritty clay with fine sand/silt matrix. unit is pebbly but matrix supported. Contains 50% intermediate to mafic volcanic and sedimentary clasts and 50% granitic clasts.	36.90	37.60	0.70	RX 126671	20.	170.0	<5.000	250.00	18.10	300.
37.60	39.30	BEDROCK										
		Basalt. Dark green, strongly schistose to sheared, fine grained, moderately calcareous with 5 to 8% disseminated calcite.	37.60	38.30	0.70	RX 126672	<5.	<2.0	<5.000	1400.00	6.69	171.
			38.30	38.70	0.40	RX 126673	7.	<2.0	<5.000	11.00	5.78	105.
			38.70	39.30	0.60	RX 126674	6.	<2.0	<5.000	79.00	5.58	154.
		38.30 39.00 Much of the sample is ground to a light greenish strongly calcareous clay.										
		39.00 39.30 Competent chips are predominant , they are dark schistose to sheared, calcite rich with 3% white quartz calcite veinlets										

** INCO **
DRILL LOG

BOREHOLE :84907-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

PRINT DATE :27-AUG-1990 14:58

Latitude	: 250.00N	Departure	: 800.00E	Elevation	: 1000.00m	Hole length	: 38.60m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 15, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 15, 1990	BH bearing	:
Claim #	:	Section	: 8+00E	Grid name	:	Heading	:

COMMENTS : **********
LEFT IN HOLE NONE
CHANGE BIT

****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	0.50	HUMUS oRganic material.	0.00	0.50	0.50	NS						
0.50	25.00	SEDIMENT	0.50	25.00	24.50	NS						
25.00	30.10	SEDIMENT OJIBWAY II SEDIMENTS. 0.50 19.50 Gray, gritty, very soft clay with sparse granules and 19.50 25.00 Gray, soft, non gritty clay. 25.00 30.10 Gray beige, fine grained to very fine grained well sorted sand clay partings.	25.00	30.10	5.10	RX 126675	109.	41.0	<6.000	73.00	17.60	260.
30.10	37.30	TILL Gray beige , unsorted fine to medium grained, sand unit is cobbly	30.10	31.50	1.40	RX 126676	46.	100.0	<5.000	650.00	19.40	<200.
			31.50	33.10	1.60	RX 126677	199.	79.0	<5.000	650.00	16.90	<200.

** INCO **
DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		but matrix supported. Contains 50%	33.10	34.50	1.40	RX 126678	32.	89.0	<5.000	330.00	20.10	<200.
		intermediate to mafic volcanic and	34.50	36.00	1.50	RX 126679	114.	120.0	<5.000	88.00	19.70	<200.
		sedimentary clasts (which includes	36.00	36.40	0.40	RX 126680	<5.	140.0	<5.000	180.00	22.10	230.
		10-15 % black siltstone)& 50% granitic	36.40	37.10	0.70	NS						
		clasts.	37.10	37.30	0.20	RX 126681	104.	250.0	<5.000	63.00	27.80	<200.
		30.80 31.40 Matrix deficient here unit is clast supported.										
		31.40 31.90 Gray gritty clay matrix.										
		31.90 34.40 Fine unsorted sand/silt matrix. Unit is cobbly&. Contains clast as above, here unit contains slightly less siltstone.										
		34.40 36.40 Mixed gritty clay and unsorted sand/silt matrix.										
		36.40 37.10 Basalt boulder.										
		37.10 37.30 Gray, gritty, clay matrix.										
37.30	38.60	BEDROCK										
		Dark green, fine grained	37.30	37.70	0.40	RX 126682	<5.	<2.0	<5.000	<4.00	8.08	191.
		(0.1-0.2 mm), moderately to strongly	37.70	38.20	0.50	RX 126683	<5.	2.0	<5.000	<4.00	5.36	137.
		foliated, porphyritic with 10 to 15%	38.20	38.60	0.40	RX 126684	<5.	<2.0	<5.000	<4.00	5.06	<50.
		dark euhedral pyroxene phenocrysts to 0.40 millimetres. unit is weakly calcareous with minor amounts of sample being ground to greenish gray clay. Below 37.70 metres, local calcite veinlets.										
		E.O.H. = 38.60 metres.										

** INCO **
DRILL LOG

BOREHOLE :84908-0 PRINT DATE :27-AUG-1990 14:58
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

Latitude	: 250.00N	Departure	: 1200.00E	Elevation	: 1000.00m	Hole length	: 29.70m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 16, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 16, 1990	BH bearing	:
Claim #	:	Section	: 12+00E	Grid name	:	Heading	:

COMMENTS : **********
LEFT IN HOLE NONE

****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	1.40	HUMUS										
		Organic material.	0.00	1.40	1.40	NS						
1.40	16.80	SEDIMENT										
		OJIBWAY II SEDIMENTS.	1.40	16.80	15.40	NS						
	1.40	11.00 Gray, soft, slightly gritty clay. Down hole grit becoming less										
	11.00	16.80 Gray, very soft, non gritty clay.										
16.80	28.20	TILL										
		Gray beige, fine sand/silt matrix. unit is cobbly but matrix supported. Contains 60% intermediate to mafic volcanic and sedimentary clasts with 40% granitic clasts.	16.80	19.10	2.30	RX 126685	302.	130.0	<6.000	110.00	22.70	<200.
			19.10	20.60	1.50	RX 126686	52.	61.0	<5.000	170.00	15.70	<200.
			20.60	22.00	1.40	RX 126687	17.	31.0	<5.000	51.00	15.20	310.
			22.00	24.00	2.00	RX 126688	150.	46.0	<5.000	59.00	15.50	<200.
			24.00	25.60	1.60	RX 126689	107.	49.0	<5.000	99.00	15.80	<200.
	20.00	22.40 Fine gray beige sand to 21.90 metres, very fine gray beige	25.60	26.30	0.70	RX 126690	52.	64.0	<5.000	180.00	16.40	<200.
			26.30	27.30	1.00	NS						

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		21.90 metres. Local pebble seams and a few platy.	27.30	28.20	0.90	RX 126691	5.	32.0	<5.000	65.00	11.80	<200.
		22.40 23.20 Till as to 20.00 metres.										
		23.20 24.10 Poorly sorted locally pebbly sand.										
		24.10 26.10 Till with a fine unsorted sand matrix. Unit is matrix a small but consistent proportion of pebbles and a few cobbles. Clast becoming more abundant below 25.00 metres. contains 50% volcanics / sedimentary clasts and 50% granitic clasts.										
		26.10 26.30 Gray, fine grained, sand with a few pebbles.										
		26.30 27.30 Granodiorite boulder.										
		27.30 27.90 Till as to 20.00 metres.										
		27.90 28.10 Gray, gritty, clay matrix.										
		28.10 28.20 Thin seam of compact clay/silt.										
28.20	29.70	BEDROCK										
		Medium to dark green, very fine grained, with a fissile appearance. Chloritic sericitic (light) foliation planes with parallel quartz calcite veinlets. unit is essentially non calcareous with no noted mineralization.	28.20	28.70	0.50	RX 126692	<5.	<2.0	<5.000	<4.00	5.17	125.
			28.70	29.20	0.50	RX 126693	<5.	<2.0	<5.000	<4.00	5.57	139.
			29.20	29.70	0.50	RX 126694	<5.	<2.0	<5.000	<4.00	5.90	147.
		E.O.H. = 29.70 metres.										

** INCO **
DRILL LOG

BOREHOLE :84909-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL
PRINT DATE :27-AUG-1990 14:58

Latitude	: 225.00N	Departure	: 1600.00E	Elevation	: 1000.00m	Hole length	: 27.00m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 16, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 16, 1990	BH bearing	:
Claim #	:	Section	: 16+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE
CHANGE BIT AT 26.20 METRES
****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	1.20	HUMUS										
		Organic material.	0.00	1.20	1.20	NS						
0.00	1.00	No return.										
1.20	23.10	SEDIMENT										
			1.20	23.10	21.90	NS						
1.20	15.00	Gray, slightly gritty clay with scattered granules& granitic pebbles. Clay becoming less gritty below 11.00 metres.										
15.00	23.10	Gray to gray beige, silty, non gritty, very soft appears varved										

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		???.										
23.10	25.10	TILL										
		Gray beige, unsorted fine sand and silt matrix unit is cobbly but matrix supported. Contains 60% intermediate to mafic volcanics and sedimentary clasts with 40% granitic clasts.	23.10	24.10	1.00	RX 126695	854.	94.0	<5.000	90.00	17.70	270.
			24.10	25.10	1.00	RX 126696	744.	110.0	<5.000	910.00	16.50	<200.
25.10	27.00	BEDROCK										
		Volcanic ???. Light to medium greenish gray, fine grained (< 0.1 mm), schistose or sheared. Light colour due to very fine light colored chlorite or possibly sericite along foliation planes. Unit is possibly silicified as 10% quartz veinlets in initial 0.3 metres with approx 10% ground to gray white clay. Below 25.50 metres 75% of sample ground to gray white clay (this is due to bit grinding rather than cutting of the bedrock). Becomes medium green, schistose with 10 to 15% white quartz calcite veinlets with no noted mineralization.	25.10	25.90	0.80	RX 126697	<9.	<2.0	<5.000	3900.00	1.40	<50.
			25.90	26.60	0.70	RX 126698	<5.	<2.0	<5.000	650.00	2.33	65.
			26.60	27.00	0.40	RX 126699	<5.	3.0	<5.000	990.00	3.33	137.
		E.O.H. = 27.00 metres.										

** INCO **
DRILL LOG

BOREHOLE :84910-0 PRINT DATE :27-AUG-1990 15:23
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

Latitude	: 300.00N	Departure	: 2000.00E	Elevation	: 1000.00m	Hole length	: 20.00m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 16, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 16, 1990	BH bearing	:
Claim #	:	Section	: 20+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE

****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	1.30	HUMUS Organic material.	0.00	1.30	1.30	NS						
1.30	18.40	SEDIMENT OJIBWAY II SEDIMENTS. 1.30 12.50 Gray, slightly gritty, clay with a few granules. 12.50 18.40 Gray to gray beige, varved ??, silty, very soft clay.	1.30	18.40	17.10	NS						
18.40	18.50	TILL Not enough material to accurately log numerous pebbles with a	18.40	18.50	0.10	RX 126700	351.	33.0	<5.000	240.00	16.60	<200.

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		fine unsorted sand matrix.										
18.50	20.00	BEDROCK										
		Basalt. Altered or bleached gray green, fine grained (0.1-0.2 mm), massive, with some oxidized fracture planes. May also be weakly silicified below 18.80 metres, 20% white quartz feldspar ? veinlets,< 1% fine grained, disseminated pyrite in host. Below 19.20 metres sample is schistose to sheared with 50% bleached beige white rock ressembling foliation parallel quartz veinlets. Below 19.50 sample is more weakly foliated but contains 25% quartz feldspar ? veinlets as well as local bleaching and oxidization. Contains< 1% disseminated pyrite and abundant slowly reactive Fe/Mg carbonate.	18.50	19.00	0.50	RX 126701	<5.	6.0	<5.000	15.00	8.52	245.
			19.00	19.50	0.50	RX 126702	<5.	2.0	<5.000	9.00	3.38	109.
			19.50	20.00	0.50	RX 126703	<5.	3.0	<5.000	7.00	7.96	173.
		E.O.H. = 20.00 metres.										

** INCO **
DRILL LOG

BOREHOLE :84911-0 PRINT DATE :27-AUG-1990 15:23
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

Latitude	: 400.00N	Departure	: 3200.00E	Elevation	: 1000.00m	Hole length	: 17.30m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 16, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 16, 1990	BH bearing	:
Claim #	:	Section	: 32+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE

****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	0.50	HUMUS Organic material.	0.00	0.50	0.50	NS						
0.50	15.10	SEDIMENT OJIBWAY II SEDIMENTS.	0.50	15.10	14.60	NS						
	0.50	11.50 Beige brown (oxidized) clay to 1.0 metres. Below 1.0 unit is very slightly gritty and becomes less gritty down hole.										
	11.50	15.10 Gray to gray beige varved, non gritty, very soft clay.										
15.10	15.80	TILL										

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		Gray beige, unsorted, fine sand and silt unit is cobbly but matrix supported. Contains 55% intermediate to mafic and sedimentary clasts with 45% granitic clasts.	15.10	15.80	0.70	RX 126704	718.	110.0	<6.000	500.00	21.80	510.
15.80	17.30	BEDROCK										
		Medium to dark green with local bleaching to a light green beige colour. unit is fine grained (< 0.1 mm) strongly schistose or sheared, weakly to moderately calcareous (5-7 % disseminated calaite), may also contains a few calcite filling amygdules. Significant amounts of sample is ground to -10 mesh sand.	15.80	16.30	0.50	RX 126705	<5.	2.0	<5.000	6.00	6.11	126.
			16.30	16.80	0.50	RX 126706	<5.	<2.0	<5.000	<4.00	6.74	85.
			16.80	17.30	0.50	RX 126707	<5.	2.0	<5.000	<4.00	7.07	77.
		E.O.H. = 17.30 metres.										

** INCO **
DRILL LOG

BOREHOLE :84912-0 PRINT DATE :27-AUG-1990 14:58
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

Latitude	: 75.00N	Departure	: 3200.00E	Elevation	: 1000.00m	Hole length	: 27.00m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 16, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 17, 1990	BH bearing	:
Claim #	:	Section	: 32+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE
DRAIN WATERLINES
****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	0.50	HUMUS										
		Organic material.	0.00	0.50	0.50	NS						
0.50	21.90	SEDIMENT										
		OJIBWAY II SEDIMENTS.	0.50	21.90	21.40	NS						
	0.50	14.00 Gray, slightly gritty, clay.										
		Very fine silty sand common from 3.00										
		to 7.50 metres.										
	14.00	21.90 Gray to gray beige, varved ,										
		non gritty very soft clay.										
21.90	25.60	TILL										
		MATHESON TILL. Gray beige,	21.90	23.60	1.70	RX 126708	579.	55.0	<5.000	76.00	18.90	380.

** INCO **
DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		unsorted, fine sand and silt matrix. Unit is cobbly but is matrix supported. Contains 60% intermediate to mafic volcanic and sedimentary clasts with 40% granitic clasts. very minor gray gritty matrix below 23.50 metres. 24.60 25.40 Gray gritty clay matrix. 25.40 25.60 Quartz tourmaline boulder. Below boulder have a thin seam of gritty gray clay.	23.60	25.60	2.00	RX 126709	285.	540.0	<7.000	150.00	21.40	220.
25.60	27.00	BEDROCK										
		Basalt. Dark green, fine to medium grained (0.2 to 0.3 mm), massive& crystalline. unit is weakly calcareous with no visible sulfides. E.O.H. = 27.00 metres.	25.60	26.00	0.40	RX 126710	<5.	20.0	<5.000	<4.00	8.91	199.
			26.00	26.50	0.50	RX 126711	<5.	16.0	<5.000	<4.00	9.25	153.
			26.50	27.00	0.50	RX 126712	<5.	20.0	<5.000	<4.00	9.38	178.

** INCO **
DRILL LOG

BOREHOLE :84913-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

PRINT DATE :27-AUG-1990 15:23

Latitude	: 325.00N	Departure	: 2800.00E	Elevation	: 1000.00m	Hole length	: 33.50m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 17, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 17, 1990	BH bearing	:
Claim #	:	Section	: 28+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE
CHANGE BIT AT END OF HOLE 33.50 METRES
****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	1.00	HUMUS Organic material.	0.00	1.00	1.00	NS						
1.00	17.30	SEDIMENT OJIBWAY II SEDIMENTS. 1.00 11.00 Gray, gritty, clay with scattered limestone and granitic. Unit becomes less gritty down hole. 11.00 17.30 Gray to gray beige, varved silt and clay unit is non gritty.	1.00	17.30	16.30	NS						
17.30	32.00	TILL MATHESON TILL. Gray beige,	17.30	19.00	1.70	RX 126713	126.	110.0	<6.000	92.00	20.70	310.

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		unsorted fine sand silt matrix. unit	19.00	20.60	1.60	RX 126714	135.	79.0	<5.000	97.00	18.80	330.
		is cobbly but matrix supported.	20.60	22.50	1.90	RX 126715	108.	66.0	<5.000	130.00	18.50	<200.
		Contains 55% intermediate to mafic	22.50	24.00	1.50	RX 126716	170.	110.0	<5.000	120.00	19.40	<200.
		volcanic and sedimentary clasts with	24.00	25.60	1.60	RX 126717	1920.	94.0	<5.000	64.00	17.60	200.
		45% granitic clasts. At 19.30 metres a	25.60	27.00	1.40	RX 126718	179.	190.0	<5.000	110.00	20.10	210.
		small biotite schist boulder.	27.00	28.60	1.60	RX 126719	963.	100.0	<5.000	270.00	18.30	<200.
		23.10 28.90 Very cobbly, clast supported	28.60	30.00	1.40	RX 126720	179.	120.0	<5.000	90.00	21.20	<200.
		till. 65 to 70% intermediate to mafic	30.00	31.60	1.60	RX 126721	91.	140.0	<5.000	65.00	19.60	<200.
		volcanics and sedimentary clasts with	31.60	32.00	0.40	RX 126722	92.	200.0	<5.000	250.00	21.90	<200.
		30% granitic clasts.										
		28.90 31.40 Matrix more abundant. Till										
		becoming matrix supported.										
		31.40 31.80 Gray gritty clay matrix.										
32.00	33.50	BEDROCK										
		Dark green, fine grained	32.00	32.60	0.60	RX 126723	<5.	3.0	<5.000	<4.00	7.27	139.
		(0.2mm), crystalline, chloritic,	32.60	33.00	0.40	RX 126724	<5.	<2.0	<5.000	1800.00	7.39	<50.
		moderately to strongly weakly to	33.00	33.50	0.50	RX 126725	<5.	2.0	<5.000	24.00	7.62	<50.
		moderately calcareous (5-7 % calcite)										
		with minor quartz calcite. Below 32.50										
		unit is much more strongly foliated										
		with a foliation planes.										

** INCO **
DRILL LOG

BOREHOLE :84914-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

PRINT DATE :27-AUG-1990 14:58

Latitude	: 425.00N	Departure	: 3600.00E	Elevation	: 1000.00m	Hole length	: 18.00m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 17, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 17, 1990	BH bearing	:
Claim #	:	Section	: 36+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE
CHANGE BIT AT END OF HOLE 18.00 METRES
****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	0.50	HUMUS										
	.		0.00	0.50	0.50	NS						
0.50	15.10	SEDIMENT										
			0.50	15.10	14.60	NS						

0.50 12.00 Clay. Brown and organic rich to 2.00 metres, metres the unit is gray in colour. Clay is slightly gritty and very soft.

12.00 15.10 Clay/silt. Gray to gray beige, non gritty, very soft and possibly varved.

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
15.10	16.40	TILL MATHESON TILL. Gray beige, unsorted, fine sand and silt matrix. Cobbly but matrix supported. Contains 50% intermediate to mafic volcanics and sedimentary clasts with 50% granitic clasts.	15.10	16.40	1.30	RX 126726	245.	130.0	<5.000	93.00	19.50	<200.
16.40	18.00	BEDROCK Basalt. Dark green, fine grained, crystalline but with a faintly sugary texture imparted by a strong schistose and calcite alteration (5-7 % diss calcite and 2 % calcite veinlets and stringers along fabric). 17.90 18.00 15 to 20% quartz calcite veinlets.	16.40	17.00	0.60	RX 126727	<5.	<2.0	<5.000	7.00	6.57	178.
			17.00	17.50	0.50	RX 126728	<5.	<2.0	<5.000	<4.00	7.17	217.
			17.50	18.00	0.50	RX 126729	12.	2.0	<5.000	<4.00	6.01	98.

** INCO **
DRILL LOG

BOREHOLE :84915-0 PRINT DATE :27-AUG-1990 15:23
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

Latitude	: 825.00N	Departure	: 4000.00E	Elevation	: 1000.00m	Hole length	: 30.00m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 17, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 17, 1990	BH bearing	:
Claim #	:	Section	: 40+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE

****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	2.00	HUMUS										
		.	0.00	2.00	2.00	NS						
2.00	28.30	SEDIMENT										
			2.00	28.30	26.30	NS						
	2.00	21.00 Gray, very slightly gritty, clay. Contains a few rare pebbles, some of which are limestone.										
	21.00	28.30 Gray to gray beige clay, non gritty, very soft.										
28.30	28.40	TILL										
		Material to log accurately. sandy	28.30	28.40	0.10	RX 126730	61.	160.0	<5.000	50.00	29.40	<200.

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		matrix with a few pebbles.										
28.40	30.00	BEDROCK										
		Basalt. Dark green,	28.40	29.00	0.60	RX 126731	<5.	6.0	<5.000	<4.00	6.30	292.
		moderately to strongly foliated,	29.00	29.50	0.50	RX 126732	<5.	5.0	<5.000	<4.00	7.27	270.
		chloritic, fine grained (0.1 mm)	29.50	30.00	0.50	RX 126733	<5.	6.0	<5.000	<4.00	7.84	437.
		generally non calcareous but minor										
		calcite stringers. < 1% disseminated										
		pyrite.										
		29.60 29.80 5% of sample is bleached to										
		a beige colour.										

** INCO **
DRILL LOG

BOREHOLE :84916-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

PRINT DATE :27-AUG-1990 14:58

Latitude	: 475.00N	Departure	: 4000.00E	Elevation	: 1000.00m	Hole length	: 22.00m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 17, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 17, 1990	BH bearing	:
Claim #	:	Section	: 40+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE

****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	1.20	HUMUS										
	.		0.00	1.20	1.20	NS						
1.20	16.10	SEDIMENT										
			1.20	16.10	14.90	NS						
	1.20	8.00 Brown organic rich clay to 1.5 metres. Below 1.50 metres clay is slightly gritty and very soft.										
	8.00	16.10 Gray to gray beige, varved, and non gritty.										
16.10	20.60	TILL										
		Gray beige, unsorted, fine	16.10	17.00	0.90	RX 126734	131.	67.0	<5.000	67.00	18.10	<200.

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		to medium grained sand matrix unit is	17.00	18.50	1.50	RX 126735	149.	150.0	<5.000	71.00	18.60	<200.
		matrix supported. Contains 50%	18.50	20.00	1.50	RX 126736	547.	130.0	<5.000	120.00	18.20	<200.
		intermediate to mafic volcanics and	20.00	20.60	0.60	RX 126737	89.	31.0	<5.000	<4.00	17.30	<200.
		sedimentary clasts with 50% granitic clasts.										
	17.30	20.60 Gray, gritty, clay matrix.										
20.60	22.00	BEDROCK										
		Medium to dark green, fine	20.60	21.00	0.40	RX 126738	7.	<2.0	<5.000	<4.00	7.68	155.
		grained, very fine foliation or	21.00	21.50	0.50	RX 126739	8.	<2.0	<5.000	49.00	7.71	<50.
		schistosity. Unit is slightly	21.50	22.00	0.50	RX 126740	7.	<2.0	<5.000	<4.00	7.46	<50.
		calcareous with 2% white calcite veinlets.										
		E.O.H. = 22.00 metres.										

** INCO **
DRILL LOG

BOREHOLE :84917-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

PRINT DATE :27-AUG-1990 14:58

Latitude	: 125.00N	Departure	: 4000.00E	Elevation	: 1000.00m	Hole length	: 26.20m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 18, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 18, 1990	BH bearing	:
Claim #	:	Section	: 40+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE

****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	22.30	SEDIMENT										
		OJIBWAY II SEDIMENTS.	0.00	22.30	22.30	NS						
		0.00 12.50 Beige to beige brown, to 3.00 metres& gray below 3.00 metres. Clay is slightly gritty and very soft.										
		12.50 22.30 Gray to gray beige, very soft, non gritty,.										
22.30	24.40	TILL										
		Gray beige, unsorted fine	22.30	23.00	0.70	RX 126741	66900.	99.0	<5.000	140.00	20.00	<200.
		sand& silt matrix. unit is cobbly but	23.00	24.40	1.40	RX 126742	172.	130.0	<5.000	400.00	20.90	<200.
		is matrix supported. Contains 60%										

** INCO **
DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		intermediate to mafic volcanics and sedimentary clasts with 40% granitic clasts.										
24.40	26.20	BEDROCK										
		Basalt. Dark green, fine	24.40	25.10	0.70	RX 126743	<5.	12.0	<5.000	<4.00	9.15	222.
		grained (0.1 to 0.2 mm) moderately to	25.10	25.70	0.60	RX 126744	6.	16.0	<5.000	<4.00	9.20	166.
		strongly foliated to schistose,	25.70	26.10	0.40	RX 126745	<5.	14.0	<5.000	<4.00	9.10	<50.
		moderately calcareous with 5 to 8% disseminated calcite,< 1% cubic pyrite. Also contains minor calcite stringers.										
		E.O.H. = 26.20 metres.										

** INCO **
DRILL LOG

BOREHOLE :84918-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

PRINT DATE :27-AUG-1990 14:58

Latitude	: 100.00N	Departure	: 3600.00E	Elevation	: 1000.00m	Hole length	: 36.50m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 18, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 18, 1990	BH bearing	:
Claim #	:	Section	: 36+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE
CHANGE BIT AT 35.00 METRES
****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	1.00	HUMUS										
		Organic material.	0.00	1.00	1.00	NS						
1.00	25.10	SEDIMENT										
		OJIBWAY II SEDIMENTS.	1.00	25.10	24.10	NS						
	1.00	17.00 Gray, very slightly gritty, easy to penetrate										
	17.00	25.10 Gray to gray beige, non gritty, very soft, varved										
25.10	35.00	TILL										
		Gray beige, unsorted fine	25.10	26.00	0.90	RX 126746	110.	100.0	<5.000	220.00	20.80	<200.
		sand and silt unit is cobbly but is	26.00	27.60	1.60	RX 126747	518.	83.0	<6.000	460.00	18.50	220.

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		matrix supported. Contains 50%	27.60	29.00	1.40	RX 126748	445.	140.0	<5.000	160.00	19.40	200.
		intermediate to mafic volcanics and	29.00	30.50	1.50	RX 126749	375.	120.0	<5.000	110.00	19.60	<200.
		sedimentary clasts with 50% granitic	30.50	32.00	1.50	RX 126750	450.	350.0	<5.000	79.00	19.20	<200.
		clasts.	32.00	33.50	1.50	RX 126751	120.	530.0	<5.000	160.00	19.30	<200.
26.80	27.10	Granodiorite boulder.	33.50	35.00	1.50	RX 126752	86.	400.0	<5.000	260.00	18.60	<200.
28.30	29.30	Gray, gritty, clay matrix.										
29.30	30.00	Unsorted sand/silt matrix.										
		Gradational with the overlying gritty										
		clay matrix.										
30.00	31.10	Gray, gritty, clay matrix.										
31.10	31.40	Mixed sand and gritty, gray,										
		clay matrix.										
31.40	35.00	Gray, gritty, clay matrix.										
35.00	36.50	BEDROCK										
		Dark green, moderately to	35.00	35.50	0.50	RX 126753	<5.	<2.0	<5.000	<4.00	10.20	163.
		strongly foliated, fine grained,	35.50	36.00	0.50	RX 126754	<5.	4.0	<5.000	<4.00	9.83	<50.
		crystalline, weakly calcareous with	36.00	36.50	0.50	RX 126755	10.	6.0	<5.000	<4.00	10.10	168.
		minor epidote alteration. 1 to 2%										
		calcite epidote veinlets and no visible										
		sulfides.										
		E.O.H. = 36.50 metres.										

** INCO **
DRILL LOG

BOREHOLE :84919-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

PRINT DATE :27-AUG-1990 14:58

Latitude	: 275.00N	Departure	: 4400.00E	Elevation	: 1000.00m	Hole length	: 27.30m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 18, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 18, 1990	BH bearing	:
Claim #	:	Section	: 44+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE

****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	1.50	HUMUS No return. Assume this area to be organic material.	0.00	1.50	1.50	NS						
1.50	23.50	SEDIMENT OJIBWAY II SEDIMENTS. 1.50 14.50 Gray, slightly gritty, clay with a few granite gneiss pebbles. 14.50 23.50 Gray to gray beige, varved clay and silt. & very soft. Down hole silt becomes predominant.	1.50	23.50	22.00	NS						
23.50	25.80	TILL										

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		Gray beige, unsorted, fine sand and silt matrix cobbly but matrix supported. Contains 50% intermediate to mafic volcanic and sedimentary clasts with 50% granitic clasts. Below 25.00 metres unit becomes 60% volcanics and sediments with 40% granite.	23.50	25.00	1.50	RX 126756	44.	84.0	<5.000	59.00	19.10	340.
			25.00	25.80	0.80	RX 126757	465.	170.0	<5.000	73.00	18.70	<200.
25.80	27.30	BEDROCK										
		Basalt. Dark to medium green, fine grained, generally massive. Common apple green epidote alteration and stringers with minor associated calcite. Below 26.70 epidote is not readily apparent but sample appears more calcite rich. Also contains traces of disseminated pyrite.	25.80	26.30	0.50	RX 126758	<5.	20.0	<5.000	<4.00	9.00	202.
			26.30	26.70	0.40	RX 126759	<5.	16.0	<5.000	<4.00	8.66	<50.
			26.70	27.30	0.60	RX 126760	<5.	17.0	<5.000	N/A	8.56	N/A
		E.O.H. = 27.30 metres.										

** INCO **
DRILL LOG

BOREHOLE :84920-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

PRINT DATE :27-AUG-1990 14:58

Latitude	: 550.00N	Departure	: 4400.00E	Elevation	: 1000.00m	Hole length	: 31.50m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 18, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 18, 1990	BH bearing	:
Claim #	:	Section	: 44+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE
CHANGE BITS AT END OF HOLE
****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	1.40	HUMUS No return. Assume this area to be organic material.	0.00	1.40	1.40	NS						
1.40	22.10	SEDIMENT OJIBWAY II SEDIMENTS.	1.40	22.10	20.70	NS						
	1.40	15.00 Oxidized beige brown. Below 2.0 metres clay is gritty, with a and scattered pebbles. The amount of grit down hole.										
	15.00	22.10 Gray to gray beige clay varved with buff silt. Unit gritty and										

** INCO **
DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		very soft.										
22.10	29.90	TILL										
		Gray beige, unsorted, fine	22.10	23.20	1.10	RX 126761	15.	90.0	<5.000	67.00	17.70	<200.
		sand and silt unit is cobbly but is	23.20	25.00	1.80	RX 126762	101.	120.0	<5.000	44.00	18.70	250.
		matrix supported. Contains 60%	25.00	26.50	1.50	RX 126763	353.	160.0	<5.000	87.00	15.80	290.
		intermediate to mafic volcanic and	26.50	28.00	1.50	RX 126764	377.	160.0	<5.000	940.00	16.50	<200.
		sedimentary clasts with 40% granitic	28.00	29.90	1.90	RX 126765	230.	110.0	<5.000	190.00	17.20	<200.
		clasts.										
	23.20	27.70 Gray, gritty clay matrix.										
	23.80	24.00 Granodiorite boulder.										
	27.70	29.40 Matrix grades into an										
		unsorted sand/silt. appears to be										
		clasts supported and 70% volcanic and										
		sedimentary clasts with 30% granitic										
		clasts. at 29.10 pebble of semi										
		massive pyrite.										
	29.40	29.90 Gray, gritty, clay matrix.										
29.90	31.50	BEDROCK										
		Dark green, to fine grained,	29.90	30.50	0.60	RX 126766	529.	26.0	<5.000	<4.00	7.00	150.
		with 10 to 20% dark green to black	30.50	31.00	0.50	RX 126767	240.	24.0	<5.000	<4.00	8.73	120.
		chloritic or possibly pyroxene	31.00	31.50	0.50	RX 126768	<5.	25.0	<5.000	910.00	8.23	<50.
		phenocrysts up to 0.6 millimetres.										
	30.30	30.50 25 to 30% white quartz										
		calcite veinlets are present. the rock										
		itself is weakly calcareous& no visible										

** INCO **
DRILL LOG

BOREHOLE :84921-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

PRINT DATE : 4-OCT-1990 12:45

Latitude	: 675.00N	Departure	: 4800.00E	Elevation	: 1000.00m	Hole length	: 21.00m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 19, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 19, 1990	BH bearing	:
Claim #	:	Section	: 48+00	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE

****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	19.30	SEDIMENT OJIBWAY II SEDIMENTS.	0.00	19.30	19.30	NS						
1.40	15.50	Beige brown clay to 2.00 metres. Below 2.0 metres the clay becomes gray in colour. Clay is gritty with scattered pebbles and granules. Down hole clay becomes less gritty.										
15.50	19.30	Gray to gray beige, varved ? clay and silt unit is non gritty and very soft.										
19.30	21.00	BEDROCK										

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		Basalt. Dark green, fine	19.30	20.00	0.70	RX 126769	<5.	4.0	<5.000	5.00	8.17	130.
		grained, moderately to strongly	20.00	20.50	0.50	RX 126770	<5.	2.0	<5.000	6.00	8.12	75.
		foliated to schistose, moderately	20.50	21.00	0.50	RX 126771	<5.	3.0	<5.000	<4.00	7.99	<50.
		calcareous with 5 to 7% calcite along foliation planes& as disseminations.										
		E.O.H. = 21.00 metres.										

** INCO **
DRILL LOG

BOREHOLE :84922-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

PRINT DATE :28-AUG-1990 08:39

Latitude	: 75.00N	Departure	: 4800.00E	Elevation	: 1000.00m	Hole length	: 38.50m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 19, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 19, 1990	BH bearing	:
Claim #	:	Section	: 48+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE

****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	0.50	HUMUS organic material.	0.00	0.50	0.50	NS						
0.50	34.30	SEDIMENT OJIBWAY II SEDIMENTS. Beige brown to 2.00 metres and gray blue below 2.00 metres. Clay contains minor traces of grit with rare pebbles. 12.00 18.00 Clay contains slightly more grit and a few granules. 18.00 26.50 Clay contains only traces of	0.50	34.30	33.80	NS						

** INCO **
DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		very fine grit.										
		26.50 28.50 Clay grades into very fine silty gray sand.										
		28.50 34.30 Gray to gray beige varved ? clay/silt. unit is non gritty with silt being the predominant component.										
34.30	37.10	TILL										
		MATHESON TILL. Gray beige, unsorted, with fine sand and silt matrix. Unit is cobbly but matrix supported. Contains 50% intermediate to mafic volcanic and sedimentary clasts with 50% granodiorite clasts.	34.30	35.50	1.20	RX 126772	1160.	130.0	<5.000	98.00	20.50	<200.
			35.50	37.10	1.60	RX 126773	526.	260.0	<5.000	100.00	17.10	240.
		35.60 37.10 Gray gritty matrix, clay predominates with locally matrix.										
37.10	38.50	BEDROCK										
		Dark green, fine grained, strongly schistose to sheared. Dark green chips are weakly calcareous. Below 37.30 metres much of the sample is ground to a gray white calcareous clay with the more competent chips being light greenish white with calcite alteration. Local green schistose to sheared, relatively pristene chips of host basalt. No visible sulfides.	37.10	37.60	0.50	RX 126774	<5.	29.0	<5.000	4.00	7.08	130.
			37.60	38.00	0.40	RX 126775	<5.	30.0	<5.000	6.00	8.27	130.
		E.O.H. = 38.50 metres.										

** INCO **
DRILL LOG

BOREHOLE :84923-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

PRINT DATE :27-AUG-1990 15:23

Latitude	: 350.00N	Departure	: 4800.00E	Elevation	: 1000.00m	Hole length	: 31.50m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 19, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 19, 1990	BH bearing	:
Claim #	:	Section	: 48+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE

****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	3.00	HUMUS no return. Assume this section to be organics followed by clay.	0.00	3.00	3.00	NS						
3.00	29.70	SEDIMENT OJIBWAY II SEDIMENTS.	3.00	28.80	25.80	NS						
3.00	22.00	Gray, gritty clay with scattered granules. Down hole clay slightly higher concentration of grit and becomes slightly penetrate.	28.80	29.70	0.90	RX 126777	198.	1200.0	<6.000	450.00	23.50	<200.
22.00	29.70	Gray to gray beige, varved,										

** INCO **
DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		soft and clay.										
29.70	31.50	BEDROCK										
		Dark green, generally	29.70	30.40	0.70	RX 126778	<5.	30.0	<5.000	<4.00	9.17	<50.
		massive, fine grained (0.2 mm). Rock	30.40	31.00	0.60	RX 126779	<5.	28.0	<5.000	<4.00	9.57	<50.
		of 60% faintly green possibly	31.00	31.50	0.50	RX 126780	<5.	27.0	<5.000	<4.00	10.00	140.
		saussuritized plagioclase and 40% dark										
		green to black pyroxene and chloritized										
		pyroxene. Contains< 2% disseminated										
		calcite and trace disseminated cubic										
		pyrite.										
		E.O.H. = 31.50 metres.										

** INCO **
DRILL LOG

BOREHOLE :84924-0 PRINT DATE :27-AUG-1990 15:23
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

Latitude	: 400.00N	Departure	: 5200.00E	Elevation	: 1000.00m	Hole length	: 30.40m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 19, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 19, 1990	BH bearing	:
Claim #	:	Section	: 52+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE
NEW BIT AND SUB AT 30.30 METRES
HOLE STOPPED DUE TO LOST CONE FROM BIT
****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	1.40	HUMUS Organic material and brown organic rich clay.	0.00	1.40	1.40	NS						
1.40	27.00	SEDIMENT OJIBWAT II SEDIMENTS. Gray, slightly gritty clay with scattered granules and rare limestone pebbles. Down hole clay becomes slightly more gritty. 18.00 27.00 Gray to gray beige, varved, non- gritty very soft clay.	1.40	27.00	25.60	NS						

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
27.00	30.00	TILL										
		MATHESON TILL. Gray beige, unsorted, fine sand and silt matrix. Unit is cobbly but is clast supported. Contains 60% intermediate to mafic volcanic and sedimentary clasts with 40% granodiorite clasts.	27.00	28.00	1.00	RX 126781	77.	120.0	<5.000	130.00	19.40	<200.
			28.00	29.60	1.60	RX 126782	153.	120.0	<5.000	87.00	18.30	230.
			29.60	30.00	0.40	RX 126783	39.	180.0	<5.000	370.00	19.60	470.
	28.90	30.00 Gray, gritty clay matrix.										
30.00	30.40	BEDROCK										
		Medium green, fine to medium grained (0.2-0.3 mm) with 75% greenish white plagioclase and 25% medium green pyroxene.	30.00	30.40	0.40	RX 126784	<5.	8.0	<5.000	100.00	6.84	<50.

** INCO **
DRILL LOG

BOREHOLE :84925-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

PRINT DATE :27-AUG-1990 14:58

Latitude	: 725.00N	Departure	: 5200.00E	Elevation	: 1000.00m	Hole length	: 33.00m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 19, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 19, 1990	BH bearing	:
Claim #	:	Section	: 52+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE

****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	1.40	HUMUS Organic material.	0.00	1.40	1.40	NS						
1.40	30.90	SEDIMENT OJIBWAY II SEDIMENTS.	1.40	30.90	29.50	NS						
1.40	24.00	Gray, slightly gritty clay with minor granules.										
24.00	30.90	Gray to gray beige, varved, non- gritty, soft clay.										
30.90	31.30	TILL MATHESON TILL. Gray beige, unsorted, fine sand and silt matrix.	30.90	31.30	0.40	RX 126785	186.	560.0	<6.000	790.00	25.60	<200.

** INCO **
DRILL LOG

BOREHOLE :84926-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL
PRINT DATE :27-AUG-1990 14:58

Latitude	: 810.00N	Departure	: 3600.00E	Elevation	: 1000.00m	Hole length	: 13.50m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 19, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 20, 1990	BH bearing	:
Claim #	:	Section	: 36+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE
1 HOUR TO CLEAN MUD TANKS
****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	1.40	HUMUS Organic material with poor return.	0.00	1.40	1.40	NS						
1.40	10.00	SEDIMENT OJIBWAY II SEDIMENTS. Gray, slightly gritty, soft clay. 9.00 9.30 Basalt boulder. 9.30 10.00 Lose return. At 10.00 metres begin hitting which indicate till layer.	1.40	10.00	8.60	NS						
10.00	11.90	TILL										

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		Gray beige, unsorted, fine	10.00	10.50	0.50	NS						
		sand/silt unit is cobbly but is matrix	10.50	11.90	1.40	RX 126789	195.	110.0	<5.000	230.00	22.40	270.
		supported. Contains 50% intermediate										
		to mafic volcanic and sedimentary										
		clasts with 50% granodiorite clasts.										
		11.50 11.80 Poor inconsistent sample										
		return.										
11.90	13.50	BEDROCK										
		Dark green, fine grained	11.90	12.50	0.60	RX 126790	5.	4.0	<5.000	<4.00	6.82	<50.
		(0.1 mm), weakly foliated, 1 to 2%	12.50	13.00	0.50	RX 126791	<5.	5.0	<5.000	<4.00	7.42	120.
		quartz calcite stringers. Rock itself	13.00	13.50	0.50	RX 126792	<5.	4.0	<5.000	<4.00	7.19	150.
		is weakly calcareous with no visible										
		sulfides.										
		E.O.H. = 13.50 metres.										

** INCO **
DRILL LOG

BOREHOLE :84926a-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

PRINT DATE :28-AUG-1990 09:00

Latitude	: 810.00N	Departure	: 3588.00E	Elevation	: 1000.00m	Hole length	: 12.10m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 20, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 20, 1990	BH bearing	:
Claim #	:	Section	: 35+88E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE
REDRILL OF HOLE 84926-0
****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	8.10	SEDIMENT HOLE 84926A IS A REDRILL OF HOLE 84926 TO OBTAIN A QUALITY TILL SAMPLE, LOGGING BEGAN UPON HITTING TILL.	0.00	8.10	8.10	NS						
8.10	12.00	TILL MATHESON TILL. Gray beige, unsorted, fine sand and silt matrix. Unit is cobbly but is matrix supported. Contains 50% intermediate to mafic volcanic and sedimentary clasts and 50%	8.10	9.50	1.40	RX 126793	210.	110.0	<5.000	64.00	19.50	<200.
			9.50	11.10	1.60	RX 126794	69.	67.0	<5.000	110.00	12.50	<200.
			11.10	12.00	0.90	RX 126795	345.	210.0	<5.000	970.00	19.60	230.

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		granodiorite clasts. Below 10.00 metres unit appears to be matrix supported.										
12.00	12.10	BEDROCK Basalt. Dark green, fine grained. E.O.H. = 12.10 metres.	12.00	12.10	0.10	RX 126796	<5.	3.0	<5.000	<4.00	8.00	150.

** INCO **
DRILL LOG

BOREHOLE :84927-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

PRINT DATE :27-AUG-1990 15:23

Latitude	: 1800.00N	Departure	: 200.00E	Elevation	: 1000.00m	Hole length	: 22.00m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 20, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 20, 1990	BH bearing	:
Claim #	:	Section	: 2+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE

****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	1.50	HUMUS No return. Assume this section to be organics.	0.00	1.50	1.50	NS						
1.50	18.10	SEDIMENT OJIBWAY II SEDIMENTS. 1.50 15.00 Gray, gritty, clay with rare pebbles. 15.00 18.10 Gray to gray beige, non gritty, varved clay.	1.50	18.10	16.60	NS						
18.10	20.50	TILL Gray beige, unsorted, fine	18.10	19.50	1.40	RX 126797	80.	160.0	<5.000	150.00	20.30	<200.

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		sand and silt unit is cobbly but is matrix supported. Contains 50% intermediate to mafic volcanic and sedimentary clasts with 50% granodiorite clasts. below 20.10 metres 50% of the clasts become black siltstone.	19.50	20.50	1.00	RX 126798	161.	140.0	<5.000	120.00	22.80	<200.
20.50	22.00	BEDROCK										
		Siltstone. Black,	20.50	21.00	0.50	RX 126799	<5.	<2.0	<5.000	<4.00	6.82	150.
		aphanitic, fissile, non calcareous with	21.00	21.50	0.50	RX 126800	7.	3.0	<5.000	<4.00	7.01	200.
		faint traces of pyrite or pyrrhotite.	21.50	22.00	0.50	RX 126801	<5.	7.0	<5.000	<4.00	6.59	140.
		Below 21.50 metres the rock appears more massive and slightly coarser grained with a medium green gray colour.										
		E.O.H. = 22.00 metres.										

** INCO **
DRILL LOG

BOREHOLE :84928-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL
PRINT DATE :27-AUG-1990 14:58

Latitude	: 1850.00N	Departure	: 400.00E	Elevation	: 1000.00m	Hole length	: 19.50m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 20, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 20, 1990	BH bearing	:
Claim #	:	Section	: 4+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE
CHANGE BIT AAND SUB
****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	1.00	HUMUS Organic material and brown oxidized organic rich clay.	0.00	1.00	1.00	NS						
1.00	18.10	SEDIMENT OJIBWAY II SEDIMENTS. 1.00 15.00 Beige brown, oxidized, clay to 2.50 metres. Below 2.50 metres becomes slightly gritty and gray. 15.00 18.10 Gray to gray beige, varved, clay and silt. contains very minor, fine grained sand layers.	1.00	18.10	17.10	NS						

** INCO **
DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
18.10	19.50	BEDROCK Dark to medium gray, aphanitic, dark banded siltstone with lighter bands up to 1 millimetre. Minor calcite with some cherty bands. 18.40 19.00 Dark gray to black, finely foliated siltstone or graywacke. Unit biotitic and is non calcareous. 19.00 19.50 2 to 5% quartz calcite stringers and veinlets parallel to foliation.	18.10	18.50	0.40	RX 126802	<5.	<2.0	<5.000	<4.00	1.74	<50.
			18.50	19.00	0.50	RX 126803	<5.	2.0	<5.000	<4.00	2.03	<50.
			19.00	19.50	0.50	RX 126804	<5.	2.0	<5.000	<4.00	2.02	62.

** INCO **
DRILL LOG

BOREHOLE :84929-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

PRINT DATE :28-AUG-1990 09:00

Latitude	: 1875.00N	Departure	: 800.00E	Elevation	: 1000.00m	Hole length	: 28.50m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 20, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 20, 1990	BH bearing	:
Claim #	:	Section	: 8+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE

****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	25.70	SEDIMENT										
			0.00	25.70	25.70	NS						
		0.00 20.00 Beige brown, oxidized clay to 2.00 metres, becoming gray metres. Clay is slightly gritty with minor granules ands. Gritty clay grades into a pure non gritty										
		20.00 25.70 Gray to gray beige, non gritty, varved, clay and silt.										
25.70	27.10	TILL										
		MATHESON TILL. Gray beige,	25.70	27.10	1.40	RX 126805	31.	130.0	<5.000	110.00	17.80	<200.

** INCO **
DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		unsorted, fine sand and silt matrix. Unit is cobbly but is matrix supported. Contains 55% intermediate to mafic volcanic and sedimentary clasts with 45% granodiorite clasts.										
27.10	28.50	BEDROCK										
		Siltstone. Unit is black,	27.10	27.60	0.50	RX 126806	<5.	31.0	<5.000	<4.00	5.17	120.
		aphanitic, fissile, non calcareous,	27.60	28.00	0.40	RX 126807	<5.	32.0	<5.000	34.00	4.79	95.
		with no visible sulfides.	28.00	28.50	0.50	RX 126808	<5.	37.0	<5.000	<4.00	5.49	210.
		E.O.H. = 28.50 metres.										

** INCO **
DRILL LOG

BOREHOLE :84930-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

PRINT DATE :27-AUG-1990 14:58

Latitude	: 1875.00N	Departure	: 1000.00E	Elevation	: 1000.00m	Hole length	: 35.70m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 20, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 21, 1990	BH bearing	:
Claim #	:	Section	: 10+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE

****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	0.50	HUMUS And brown organic rich clay.	0.00	0.50	0.50	NS						
0.50	33.50	SEDIMENT	0.50	33.50	33.00	NS						

0.50 22.00 Beige brown, oxidized, clay to 2.00 metres and below 2.00 metres. Clay is gritty with rare limestone and granodiorite pebbles unit is very soft and easy to penetrate.

22.00 33.50 Gray to gray beige, varved,

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		non gritty, soft clay.										
33.50	34.20	TILL										
		MATHESON TILL. Gray beige, unsorted, fine sand and silt matrix. Unit is cobbly but is matrix supported. Contains 55% intermediate to mafic volcanic and sedimentary clasts with 45% granitic clasts.	33.50	34.20	0.70	RX 126809	81.	180.0	<5.000	170.00	25.10	210.
34.20	35.70	BEDROCK										
		Siltstone. Unit is black, aphanitic, fissile, non calcareous.	34.20	34.80	0.60	RX 126810	<5.	17.0	<5.000	<4.00	5.36	120.
			34.80	35.20	0.40	RX 126811	6.	16.0	<5.000	<4.00	5.37	100.
		Below 34.80 metres local quartz veinlets with a trace of pyrite and calcite.	35.20	35.70	0.50	RX 126812	<5.	12.0	<5.000	<4.00	4.30	140.
		E.O.H = 35.70 metres.										

** INCO **
DRILL LOG

BOREHOLE :84931-0 PRINT DATE :28-AUG-1990 09:00
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

Latitude	: 2200.00N	Departure	: 1200.00E	Elevation	: 1000.00m	Hole length	: 38.20m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 21, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 21, 1990	BH bearing	:
Claim #	:	Section	: 12+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE
CHANGE BIT AT END OF HOLE
****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	36.60	SEDIMENT										
		OJIBWAY II SEDIMENTS.	0.00	36.60	36.60	NS						
1.50	27.00	Beige brown, oxidized clay grading to a gray, slightly gritty clay.										
27.00	36.60	Gray to gray beige, varved, non gritty, soft clay.										
36.60	38.20	BEDROCK										
		Graywacke (BIOTITE SCHIST).	36.60	37.10	0.50	RX 126813	52.	99.0	<5.000	150.00	15.60	110.
		Medium gray, fine grained, moderately	37.10	37.60	0.50	RX 126814	67.	69.0	<5.000	270.00	16.10	<50.
		but indistinctly foliated with	37.60	38.10	0.50	RX 126815	<5.	2.0	<5.000	<4.00	4.81	170.

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM

foliation enhanced by aligned mafic minerals (biotite and chlorite). Faintly sugary texture, with minor relict sand. Contains 85% undifferentiated groundmass with 15% biotite / chlorite. < 1% very finely disseminated pyrite and / or pyrrhotite. Unit is non calcareous with local thin pyritic laminae on veinlets.

E.O.H. = 38.20 metres.

** INCO **
DRILL LOG

BOREHOLE :84932-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

PRINT DATE :27-AUG-1990 15:23

Latitude	: 2480.00N	Departure	: 700.00E	Elevation	: 1000.00m	Hole length	: 37.50m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 21, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 21, 1990	BH bearing	:
Claim #	:	Section	: 7+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE

****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	1.00	HUMUS										
		No return. Assume this section to be organic material.	0.00	1.00	1.00	NS						
1.00	34.50	SEDIMENT										
		OJIBWAY II SEDIMENTS.	1.00	34.50	33.50	NS						
	1.00	24.50 Gray, slightly gritty clay with a few scatttered pebbles.										
	4.90	5.10 Granodiorite boulder.										
	24.50	34.50 Gray to gray beige, varved, non gritty clay and silt.										
34.50	36.20	TILL										

** INCO **
DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		MATHESSON TILL. Gray beige, unsorted, fine sand and silt matrix. Unit is cobbly but is matrix supported. Contains 50% intermediate to mafic volcanic and sedimentary clasts with 50% granodiorite clasts. at 35.10 metres thin seam of non gritty, soft clay. Below 35.10 metres minor gray gritty clay matrix in till.	34.50	36.00	1.50	RX 126816	N/A	N/A	N/A	N/A	N/A	<200.
			36.00	36.20	0.20	RX 126817	N/A	N/A	N/A	N/A	N/A	<200.
36.20	37.50	BEDROCK										
		Diorite. Mottled black and white, massive, medium to coarse grained (1-2 mm) with a hypidiomorphic texture with 65% white feldspar, 30% black hornblende and biotite with 15% or less quartz. Unit is non calcareous with no visible sulfides.	36.20	36.70	0.50	RX 126818	6.	2.0	<5.000	<4.00	3.10	99.
			36.70	37.20	0.50	RX 126819	<5.	<2.0	<5.000	<4.00	3.22	<50.
			37.20	37.50	0.30	RX 126820	<5.	2.0	<5.000	<4.00	3.23	<50.
		E.O.H. = 37.50 metres.										

** INCO **
DRILL LOG

BOREHOLE :84933-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

PRINT DATE :27-AUG-1990 15:23

Latitude	: 2400.00N	Departure	: 500.00E	Elevation	: 1000.00m	Hole length	: 38.00m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 21, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 21, 1990	BH bearing	:
Claim #	:	Section	: 5+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE
CHANGE BIT AT END OF HOLE
****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	1.30	HUMUS No return. Assume this section to be organic material.	0.00	1.30	1.30	NS						
1.30	33.60	SEDIMENT OJIBWAY II SEDIMENTS. 1.30 24.00 Beige brown oxidized clay to 2.00 metres, below 2.00 metres the clay becomes gray, gritty with numerous pebbles above 4.00 metres down hole the unit contains fewer pebbles and much less grit.	1.30	33.60	32.30	NS						

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
	24.00	33.60 Gray to gray beige, varved, non gritty, clay with no pebbles present.										
33.60	37.40	TILL										
		MATHESON TILL. Gray beige,	33.60	34.60	1.00	RX 126821	79.	86.0	<5.000	210.00	17.90	<200.
		unsorted, fine sand and silt matrix.	34.60	36.00	1.40	RX 126822	64.	93.0	<5.000	180.00	18.90	<200.
		Unit is cobbly but is matrix supported.	36.00	37.40	1.40	RX 126823	147.	60.0	<5.000	320.00	17.30	<200.
		Contains 60% intermediate to mafic volcanic and sedimentary clasts with 40% granodiorite clasts.										
	37.20	37.40 99% diorite rock chips with no matrix. Possible bedrock										
37.40	38.00	BEDROCK										
		Similar to bedrock of hole	37.40	37.80	0.40	RX 126824	<5.	<2.0	<5.000	<4.00	2.03	55.
		84932. Contains a strong shear 37.50	37.80	38.00	0.20	RX 126825	<5.	<2.0	<5.000	4.00	3.70	<50.
		metres. Section also contains 50% clear vein unit contains no noted mineralization.										

** INCO **
DRILL LOG

BOREHOLE :84934-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

PRINT DATE :28-AUG-1990 11:33

Latitude	: 2900.00N	Departure	: 500.00E	Elevation	: 1000.00m	Hole length	: 23.10m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 21, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRAURY 21, 1990	BH bearing	:
Claim #	:	Section	: 5+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE

****

FROM	TO	DESCRIPTION	FROM	TO	LENGTH	SAMPLE#	AU	AS	AG	W	FE	ZN
m	m		m	m	m		PPB	PPM	PPM	PPM	%	PPM
0.00	1.40	HUMUS No return. Assume this section to be organic material.	0.00	1.40	1.40	NS						
1.40	21.10	SEDIMENT OJIBWAY II SEDIMENTS. Gray, slightly gritty clay with scattered granules and rare pebbles. 14.50 21.10 Gray to gray beige, varved, clay and silt with no grit or pebbles present.	1.40	21.10	19.70	NS						
21.10	21.60	TILL										

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		MATHESON TILL. Gray beige, unsorted, fine sand and silt matrix. Unit is cobbly but matrix supported. Contains 50% intermediate to mafic volcanic and sedimentary clasts with 50% granodiorite clasts.	21.10	21.60	0.50	RX 126826	101.	72.0	<5.000	230.00	18.50	<200.
21.60	23.10	BEDROCK										
		Granodiorite. Mottled white and black, coarse grained (2.00 mm), massive, hypidiomorphic with 60% white plagioclase, 25% hornblende / biotite, 10 to 15% clear quartz and very minor apple green epidote. Contains faint traces of disseminated calcite& no noted mineralization.	21.60	22.10	0.50	RX 126827	<5.	<2.0	<5.000	<4.00	1.99	<50.
			22.10	22.60	0.50	RX 126828	<5.	<2.0	<5.000	<4.00	1.93	100.
			22.60	23.10	0.50	RX 126829	<5.	<2.0	<5.000	<4.00	1.81	<50.
		E.O.H. = 23.10 metres.										

** INCO **
DRILL LOG

BOREHOLE :84935-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

PRINT DATE :27-AUG-1990 14:58

Latitude	: 3125.00N	Departure	: 600.00E	Elevation	: 1000.00m	Hole length	: 30.00m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 23, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 23, 1990	BH bearing	:
Claim #	:	Section	: 6+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE
CHANGE BIT AT END OF HOLE
****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	1.40	HUMUS Organic material.	0.00	1.40	1.40	NS						
1.40	27.90	SEDIMENT OJIBWAY II SEDIMENTS. 1.40 20.00 Gray, slightly gritty with scattered granules and rare limestone and dark volcanic / sedimentary pebbles. 20.00 27.90 Gray to gray beige, varved, non gritty	1.40	27.90	26.50	NS						
27.90	28.50	TILL										

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		Gray beige, unsorted, fine sand and silt matrix unit is cobbly but matrix supported. Contains 50% intermediate to mafic volcanic and sedimentary clasts with 50% granodiorite clasts.	27.90	28.50	0.60	RX 126830	79.	90.0	<5.000	150.00	18.80	<200.
28.50	30.00	BEDROCK										
		Granodiorite. Mottled black and white, coarse grained (2.0 mm), massive, hypidiomorphic w 50% white feldspar with minor local epidote alteration. Contains 30% black chloritized hornblende& 20% clear quartz. Sample contains trace disseminated calcite with no visible sulfides.	28.50	29.00	0.50	RX 126831	6.	<2.0	<5.000	<4.00	1.88	<50.
			29.00	29.50	0.50	RX 126832	<5.	<2.0	<5.000	<4.00	2.15	<50.
			29.50	30.00	0.50	RX 126833	<5.	<2.0	<5.000	<4.00	1.82	<50.
		At 29.50 metres hit a fracture zone filling with lacustrine clay. zone is weakly oxidized. Below 29.50 metres minor pink feldspar possibly a staining of plagioclase.										
		E.O.H. = 30.00 metres.										

** INCO **
DRILL LOG

BOREHOLE :84936-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

PRINT DATE :27-AUG-1990 15:23

Latitude	: 3125.00N	Departure	: 200.00E	Elevation	: 1000.00m	Hole length	: 31.30m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 23, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 23, 1990	BH bearing	:
Claim #	:	Section	: 2+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE

****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	1.50	HUMUS Organic material.	0.00	1.50	1.50	NS						
1.50	27.00	SEDIMENT OJIBWAY II SEDIMENTS.	1.50	27.00	25.50	NS						
		1.50 21.00 Gray, slightly gritty clay with rare limestone pebbles. Below 20.00 metres the unit becomes slightly more gritty, this grades into a clay / silt layer.										
		21.00 27.00 Gray to gray beige, varved, non gritty clay and										

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
27.00	29.80	TILL										
		Gray beige, unsorted, fine sand and silt unit is cobbly but clast supported. Contains 50% intermediate to mafic volcanic and sedimentary clasts with 50% granitic clasts.	27.00	28.50	1.50	RX 126834	217.	88.0	<5.000	210.00	18.10	<200.
			28.50	29.80	1.30	RX 126835	191.	58.0	<5.000	300.00	17.10	<200.
29.80	31.30	BEDROCK										
		Granodiorite. Mottled black and white, coarse grained (2.00 mm), massive, hypidiomorphic with 45 to 50% white feldspar with minor apple green epidote alteration, 20% black chloritized hornblende and 25 to 30% clear quartz. Contains trace disseminated calcite and no visible sulfides.	29.80	30.30	0.50	RX 126836	<5.	<2.0	<5.000	<4.00	1.81	<50.
			30.30	30.80	0.50	RX 126837	<5.	<2.0	<5.000	<4.00	1.82	<50.
			30.80	31.30	0.50	RX 126838	<5.	3.0	<5.000	<4.00	1.88	<50.
		E.O.H. = 31.30 metres.										

** INCO **
DRILL LOG

BOREHOLE :84937-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

PRINT DATE :27-AUG-1990 14:58

Latitude	: 3000.00N	Departure	: 900.00E	Elevation	: 1000.00m	Hole length	: 31.50m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 23, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 23, 1990	BH bearing	:
Claim #	:	Section	: 9+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE

****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	1.30	HUMUS Organic material.	0.00	1.30	1.30	NS						
1.30	28.70	SEDIMENT OJIBWAY II SEDIMENTS.	1.30	28.70	27.40	NS						
	1.30	20.50 Gray, very slightly gritty clay with scattered granules limestone and dark volcanic / sedimentary pebbles.										
	20.50	28.70 Gray to gray beige, varved , smooth clay.										
28.70	30.30	TILL										

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		Gray beige, unsorted, fine	28.70	29.60	0.90	RX 126839	N/A	N/A	N/A	N/A	N/A	240.
		sand and silt abundant cobbles and	29.60	30.30	0.70	RX 126840	54.	100.0	<5.000	230.00	17.80	<200.
		pebbles but unit is matrix supported.										
		50% intermediate to mafic volcanic and										
		sedimentary clasts with 50%										
		granodiorite. Most of the intrusive										
		clasts seem to be of local										
	29.50	29.70 Granodiorite boulder.										
	30.20	30.30 Gray gritty clay as matrix.										
30.30	31.50	BEDROCK										
		Mottled black and white (to	30.30	30.80	0.50	RX 126841	129.	76.0	<5.000	300.00	17.50	<50.
		pinkish white), coarse grained (1-3	30.80	31.20	0.40	RX 126842	<5.	<2.0	<5.000	<4.00	1.93	<50.
		mm), hypidiomorphic with 50% white to	31.20	31.50	0.30	RX 126843	<5.	<2.0	<5.000	<4.00	2.17	130.
		pink white feldspar, 30% black and 20%										
		clear quartz. Contains minor epidote										
		alteration with trace disseminated										
		calcite and no visible sulfides.										
		E.O.H. = 31.50 metres.										

** INCO **
DRILL LOG

BOREHOLE :84938-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

PRINT DATE :27-AUG-1990 14:58

Latitude	: 375.00N	Departure	: 2400.00E	Elevation	: 1000.00m	Hole length	: 20.70m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 24, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 24, 1990	BH bearing	:
Claim #	:	Section	: 24+00E	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE

****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	1.50	HUMUS No return. Assume this section to be organic material.	0.00	1.50	1.50	NS						
1.50	17.50	SEDIMENT OJIBWAY II SEDIMENTS. 1.50 11.00 Gray, slightly gritty clay, easy to penetrate and very soft. 11.00 17.50 Gray to gray beige, varved clay and silt. unit is smooth and soft.	1.50	17.50	16.00	NS						
17.50	19.20	TILL										

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		MATHESON TILL. Gray beige,	17.50	18.60	1.10	RX 126844	867.	88.0	<5.000	210.00	17.30	250.
		unsorted, fine sand and silt matrix.	18.60	19.20	0.60	RX 126845	85.	97.0	<5.000	410.00	23.90	<200.
		Unit is cobbly but is matrix supported. Contains 50% intermediate to mafic volcanics and sedimentary clast with 50% granodiorite clasts.										
19.20	20.70	BEDROCK										
		Basalt. Medium gray green,	19.20	19.60	0.40	RX 126846	<5.	<2.0	<5.000	<4.00	2.90	<50.
		fine grained, strongly schistose to	19.60	20.20	0.60	RX 126847	<5.	<2.0	<5.000	<4.00	3.00	68.
		sheared, and chloritic. sample is	20.20	20.70	0.50	RX 126848	<5.	<2.0	<5.000	<4.00	1.86	51.
		extensively silicified, and contains 50% pervasive quartz veining and stringers with< 1% disseminated pyrite.										
		19.60 19.80 Significant amounts of sample ground to white to gray clay.										
		E.O.H. = 20.70 metres.										

** INCO **
DRILL LOG

BOREHOLE :84939-0
PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

PRINT DATE :27-AUG-1990 15:23

Latitude	: 520.00N	Departure	: 0.00	Elevation	: 1000.00m	Hole length	: 56.50m
NTS/Quad	: 32E/10 & 11	Logged by	: KENZIE MACNEIL	Assay req.	: Au & As	Level	: SURFACE
Country	: CANADA	Drilled by	: BRADLEY BROS.	Test Method	:	Dip	:
Prov./state	: QUEBEC	Drill type	:	Started	: FEBRUARY 24, 1990	BL azimuth	: 090
Twp/County	: MONTGOLFIER	Core size	:	Completed	: FEBRUARY 24, 1990	BH bearing	:
Claim #	:	Section	: 0+00	Grid name	:	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	360.00	-90.00									

COMMENTS : **********
LEFT IN HOLE NONE

****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
0.00	1.50	HUMUS No return. assume this section to be organic material.	0.00	1.50	1.50	NS						
1.50	25.30	SEDIMENT OJIBWAY II SEDIMENTS. 1.50 17.00 Gray, slightly gritty, clay with volcanic and sedimentary pebbles to 1 centimetre in size. 17.00 25.30 Gray to gray beige, varved clay and silt. unit is non gritty and soft.	1.50	25.30	23.80	NS						

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
25.30	55.20	TILL										
		MATHESON TILL. Gray beige, unsorted fine sand and silt matrix. Unit is cobbly but matrix supported. Contains 40% intermediate to mafic volcanic and sedimentary clasts with 60% granodiorite clasts. Many pebbles have a gritty clay rind. Below 30.00 metres till consistently contains 5 to 20% black siltstone clasts. granodiorite boulder. 46.10 46.30 Minor gray, gritty, clay matrix. 48.00 48.20 Gray, gritty, clay matrix. 49.40 51.40 Till has a gray, gritty, clay matrix. Below 50.00 metres unit contains 60% intermediate to mafic and sedimentary clasts with 40% granodiorite. 51.40 52.60 Till has a fine sand/silt matrix with minor gritty clay metres. 52.60 55.20 Till has a gritty clay matrix.	25.30	26.50	1.20	RX 126849	70.	170.0	<5.000	200.00	20.30	<200.
			26.50	26.90	0.40	RX 126850	2040.	170.0	<5.000	210.00	23.20	<200.
			26.90	27.20	0.30	NS						
			27.20	28.50	1.30	RX 126851	440.	100.0	<5.000	190.00	20.00	<200.
			28.50	30.00	1.50	RX 126852	58.	120.0	<5.000	160.00	21.60	280.
			30.00	31.50	1.50	RX 126853	162.	100.0	<5.000	71.00	20.60	<200.
			31.50	33.00	1.50	RX 126854	86.	96.0	<5.000	87.00	17.30	<200.
			33.00	34.50	1.50	RX 126855	59.	86.0	<5.000	100.00	17.80	<200.
			34.50	36.00	1.50	RX 126856	150.	86.0	<5.000	83.00	15.80	<200.
			36.00	37.50	1.50	RX 126857	69.	110.0	<5.000	110.00	21.00	270.
			37.50	39.00	1.50	RX 126858	293.	88.0	<5.000	71.00	19.60	<200.
			39.00	40.50	1.50	RX 126859	37.	81.0	<5.000	100.00	19.50	<200.
			40.50	42.00	1.50	RX 126860	119.	96.0	<5.000	93.00	18.00	<200.
			42.00	43.50	1.50	RX 126861	86.	93.0	<5.000	98.00	19.90	<200.
			43.50	45.00	1.50	RX 126862	500.	110.0	<5.000	93.00	21.80	<200.
			45.00	46.50	1.50	RX 126863	359.	110.0	<5.000	76.00	21.80	<200.
			46.50	48.00	1.50	RX 126864	173.	86.0	<5.000	250.00	21.40	<200.
			48.00	49.50	1.50	RX 126865	7760.	120.0	<5.000	91.00	21.70	<200.
			49.50	51.00	1.50	RX 126866	784.	410.0	<5.000	76.00	21.30	700.
			51.00	52.50	1.50	RX 126867	325.	270.0	<5.000	90.00	26.40	230.
			52.50	54.00	1.50	RX 126868	458.	770.0	<6.000	110.00	30.60	<200.
			54.00	55.20	1.20	RX 126869	371.	230.0	<5.000	77.00	28.00	330.
55.20	56.50	BEDROCK										
		Basalt. Medium green, very fine grained, moderately to strongly foliated. Sample contain a few% stretched quartz + calcite filling amygdules. Sample moderately calcareous with 5 to 8% disseminated calcite below 55.60 metres. sample (up to 30 %) are ground to a gray white clay. At 55.70 metres fracture filled	55.20	55.40	0.20	RX 126870	<5.	16.0	<5.000	<4.00	4.45	<50.
			55.40	56.00	0.60	RX 126871	<5.	16.0	<5.000	<4.00	5.01	<50.
			56.00	56.50	0.50	RX 126872	<5.	16.0	<5.000	<4.00	5.23	<50.

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
		with gritty, gray clay matrix. E.O.H. = 55.70 metres.										