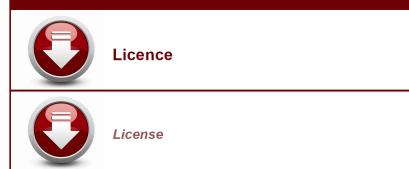
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1990 REVERSE CIRCULATION OVERBURDEN DRILLING AND HEAVY MINERAL GEOCHEMICAL SAMPLING, BLONDEL PROPERTY

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INCO EXPLORATION AND TECHNICAL SERVICES INC.

BLONDEL PROPERTY

MONTGOLFIER AND ORVILLIERS TOWNSHIPS, NORTHWESTERN QUEBEC

1990 REVERSE CIRCULATION OVERBURDEN DRILLING
AND HEAVY MINERAL GEOCHEMICAL SAMPLING

PREPARED BY:

K.A. MacNEIL AND S.A. AVERILL

OVERBURDEN DRILLING MANAGEMENT LIMITED

JUNE, 1990

Ministère de l'Énergie et des Ressources Division des données géoscientifiques

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SUMMARY

1.

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 Wisconsinanage 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).

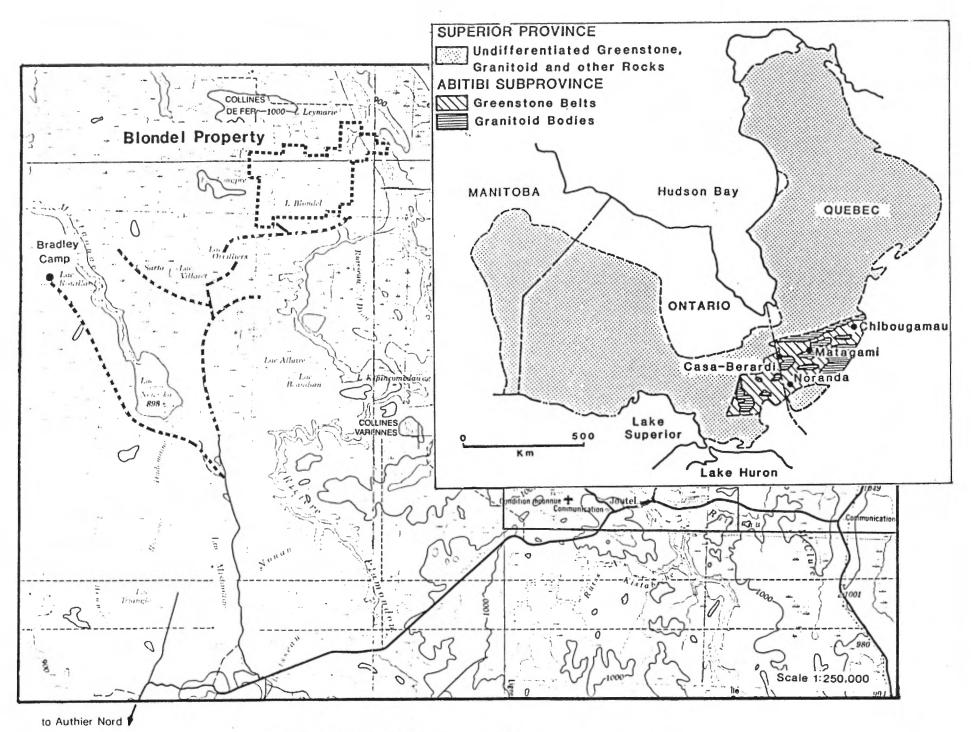


Figure 1 - Blondel Property Location (Inset source: Pattison et al., 1986)

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

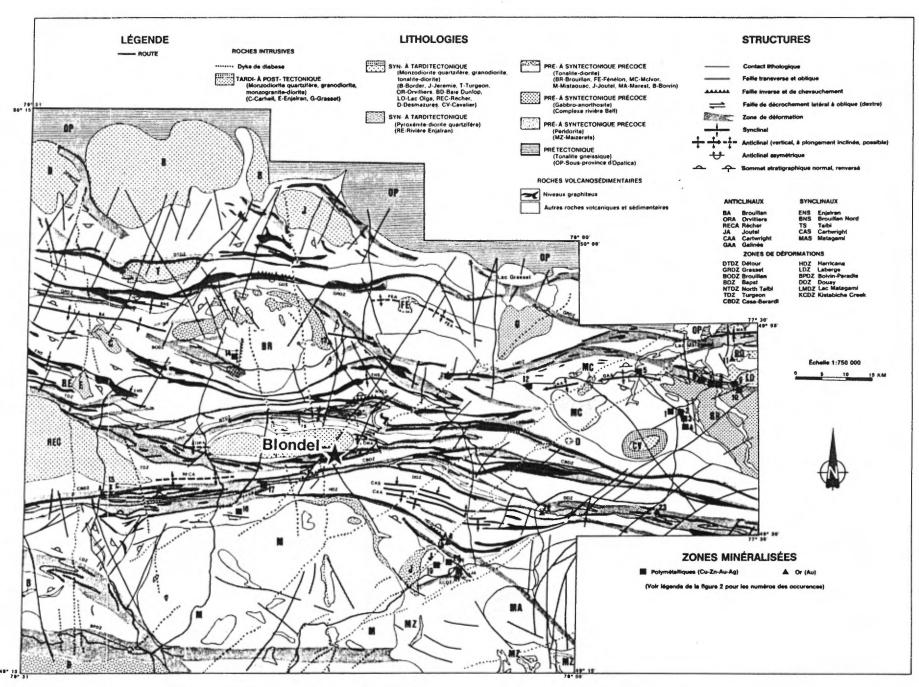


Figure 3 - Structural Map of the Casa-Berardi - Matagami Region (Source: Lacroix et al., 1989)

	Hole	Grid		Metres D	rilled	Hole Depth	Samples Co	llected
	Number	Coordina	ates	Overburden	Bedrock	(metres)	Overburden	Bedrock
	84901	L12E;	3+25\$	20.6	1.4	22.0	4	3
	84902	L 8E;	2+758	16.2	1.8	18.0	1	3
_	84903	L 4E;	2+50\$	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+258	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
water part	84920	L44E;	5+50N	29.9	1.6	31.5	5	3
	84921	L48E;	6+75N	19.3	1.7	21.0	0	3
٦.	84922	L48E;	0+75N	37.1	1.4	38.5	2	3
	84923	L48E;	3+50N	29.7	1.8	31.5	ī	3
	84924	L52E;	4+00N	30.0	0.4	30.4	3	1
	84925	L52E;	7+25N	31.3	1.7	33.0	ĭ	3
	84926	L36E;	8+10N	11.9	1.6	13.5	1	3
	84926A		8+10N	12.0	0.1	12.1	3	1
		35+88E;		20.5	1.5	22.0	2	3
	84927	L 2E;	18+00N 18+50N	18.1	1.4	19.5	0	3
-	84928	L 4E;		27.1	1.4	28.5	1	3
	84929	L 8E;	18+75N				1	3
	84930 84931	L10E;	18+75N	34.2	1.5	35.7 38.2	0	
		L12E;	22+00N		1.6			3
	84932	L 7E;	25+00N		1.3	37.5	2	3
	84933	L 5E;	24+00N		0.6	38.0	3	2
	84934	L 5E;	28+00N		1.5	23.1	1	3
-	84935	L 6E;	31+25N		1.5	30.0	1	3
	84936	L 2E;	31+25N		1.5	31.3	2	3
	84937	L 9E;	30+00N		1.2	31.5	. 2	3 2 3 3 3 3 3
-	84938	L24E;	3+75N		1.5	20.7	2	3
	84939	L OE;	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

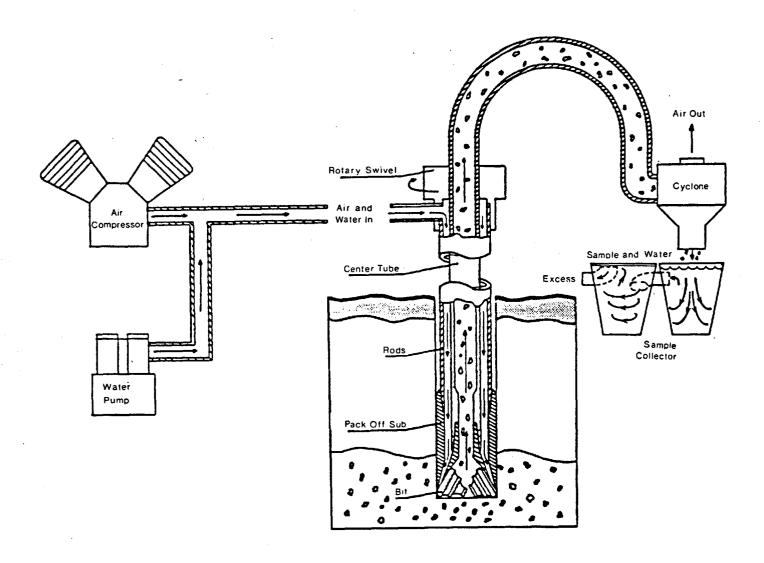


Figure 4 - Schematic Diagram of a Typical Reverse Circulation Rotary Drilling System

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

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thickness in the clay belt ranges from 10 metres in the south where Lake Ojlbway 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'Energie 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 tholelitic 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:

			•	Budget		•	Actual	
	Service	Company	\$Total	\$/Metre	\$/Foot	STotal	\$/Metre	\$/Foot
1.	Pre-drilling	ODM	1,200.00	1.33	0.41	552.00	0.49	0.15 / 54
2.	Work Permits	Quebec Government, G. Lacroix	1,000.00	1.11	0.34	417.75	0.37	0.11 🕬
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	ОДМ	15,935.00	17.71	5.40	10,197.42	9.14	2.79 ^{/0·/}
5.	Sample shipping and processing	Various, ODM	9,250.00	10.28	3.13	5,082.00	4.55	5.6 1.39 5
6.	Analytical	Activation Laboratories	5,745.00	6.38	1.95	4,450.80	3.99	1.22 4 4
7.	Report	ОДМ	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 3 \$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

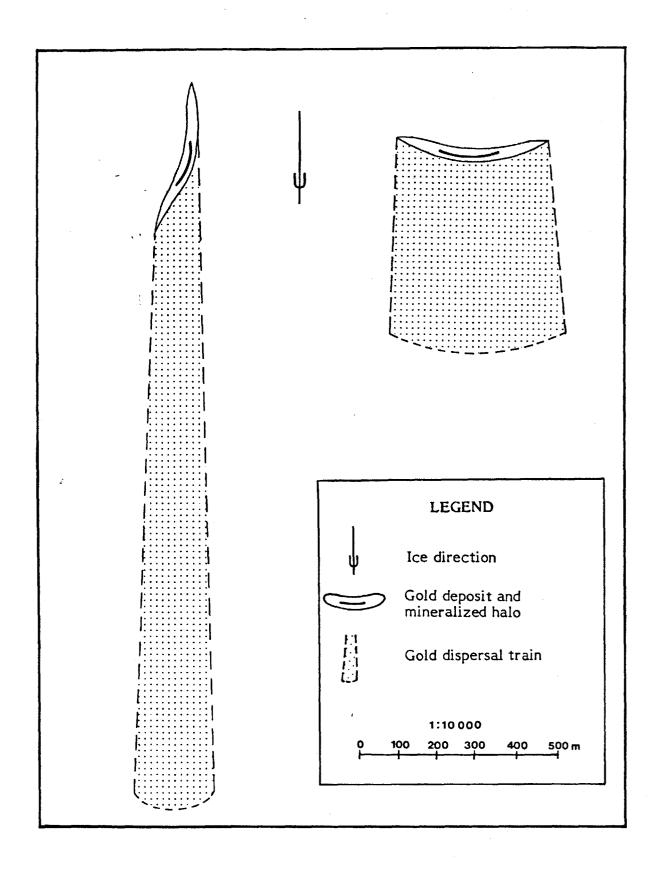


Figure 9 - Typical Sizes and Shapes of Gold Dispersal Trains for Ice-Parallel and Cross-Ice Trending Bedrock Sources

		TRAIN LENGTH¹ (n		
PROVINCE	GOLD DEPOSIT	TRACED	EST. TOTAL	
Saskatchewan	Star Lake	300	800	
Saskatchewan	Tower Lake	500	700	
Saskatchewan	EP2	600	2000	
Saskatchewan	Bakos	2000	2000	
Ontario	McCool	300	400	
Quebec	Cooke Mine ³	800	1000	
Quebec	Golden Pond West	300	4004	
Quebec	Golden Pond	400	5004	
Quebec	Golden Pond East	800	10004	
Quebec	Orenada	100	200	
Quebec	Kiena	100	300	
Quebec	Chimo	600	1000	
Newfoundland	Devil's Cove	2000	2000	

- 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
- 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.

Sample Processing

3.4

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

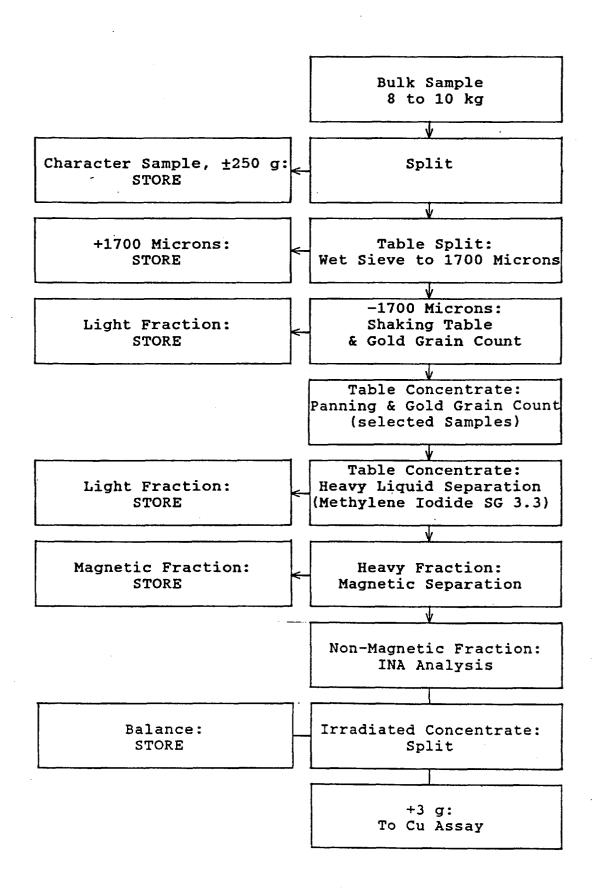


Figure 10 - Sample Processing Flow Sheet

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

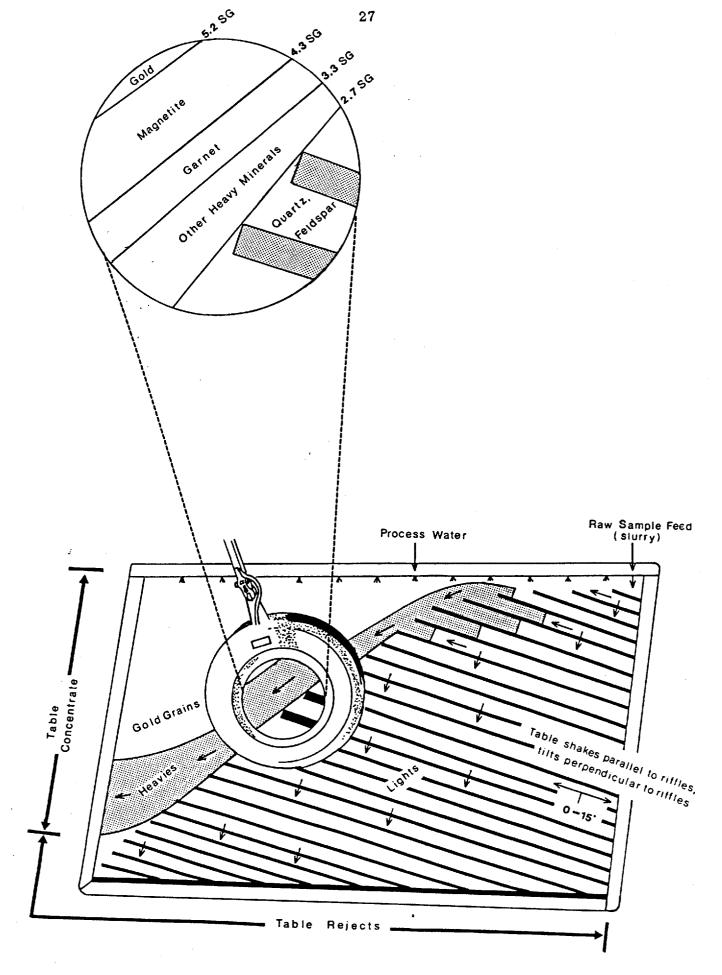
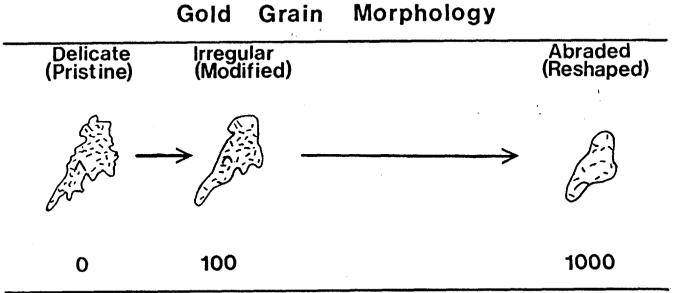


Figure 11 - Plan View of Mineral Separation on a Shaking Table

Size Classification	Flake Diameter (microns)	ppb Au
Very Fine	50	10
ii .	100	100
Fine	150	330
ti	200	760
Medium	300	2,400
11	400	5,400
u	500	10,000
Coarse	600	16,200
11	700	24,000
	800	33,300
11	900	43,700
11	1,000	55,000
Very Coarse	1,000+	55,000+

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



Distance of Transport (metres)

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	Elem	ent	HMC	Bedrock	Unit	Extraction	<u>Method</u>
leavy mineral	None	λu	Gold	5	5	ppb	None	Neutron Activation
oncentrates and	i	λg .	Silver	5	5	ppm	None	Neutron Activation
edrock chips	Pulverize to	λs	Arsenic	2	2	ppm	None	Neutron Activation
•	-150 mesh	Ba	Barite	200	100	ppm	None	Neutron Activation
	(30 g subsample)	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
		Н£	Hafnium	1	1	ppm	None	Neutron Activation
		На	Mercury	5	1	ppm	None	Neutron Activation
		Ir	Iridium	40	5	ppb	None	Neutron Activatio
		Мо	Molybdenum	20	5	ppm	None	Neutron Activation
		Na	Sodium	500	500	ppm	None	Neutron Activation
		Ni	Nickel	200	50	ppm	None	Neutron Activatio
		Rb	Rubidium	50	30	ppm	None	Neutron Activatio
		Sb	Antimony	0.2	0.2	ppm	None	Neutron Activatio
		Sc	Scandium	0.1	0.1	ppm	None	Neutron Activatio
		Se	Selenium	20	5	ppm	None	Neutron Activatio
		Sn	Tin	NA	0.01	percent	None	Neutron Activatio
		Sr	Strontium	0.2	0.05	percent	None	Neutron Activatio
		Ta	Tantalum	1	1	ppm	None	Neutron Activatio
		Th	Thorium	0.5	0.5	ppm	None	Neutron Activatio
		Ü	Uranium	0.5	0.5	ppm	None	Neutron Activatio
		พั	Tungsten	4	4	ppm	None	Neutron Activatio
		Zn	Zinc	200	50	ppm	None	Neutron Activatio
		La	Lanthanum	1	ĭ	ppm	None	Neutron Activatio
		Ce	Cerium	3	3	ppm	None	Neutron Activatio
		Иď	Neodymium	10	5	ppm	None	Neutron Activatio
		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 Activatio
		Cu	Copper **	1	1	ppm		Atomic Absorption
Bedrock Chips	Pulverize to	SiO ₂	Silica	•	0.01	percent	Borate Fusion	ICP-AES
{one sample	-150 mesh	TiO:	Titanium		0.01	percent	Borate Fusion	ICP-AES
per hole)	-130 mesn	Alz	Alumina		0.01	percent	Borate Fusion	ICP-AES
per note;			Total Iron		0.01	percent	Borate Fusion	ICP-AES
		Fe ₂ O ₅	Manganese		0.01	percent	Borate Fusion	ICP-AES
		MnO	Magnesium		0.01	percent	Borate Fusion	ICP-AES
		MgO	•		0.01		Borate Fusion	ICP-AES
		CaO	Calcium		0.01	percent	Borate Fusion	
		Na ₂ O	Sodium			percent	Borate Fusion	ICP-AES
		K₂ O	Potassium		0.01 0.01	percent	Borate Fusion	ICP-AES ICP-AES
		P2 O5	Phosphorous	tian	0.01	percent	Doraca Laston	Gravimetric
		LOI	Loss on Igni		0.01	percent		
		Total	Whole Rock T	ocar		percent	None	Calculated
	•	Ba	Barium		5	ppm		X-ray Flourescend
		St	Strontium		1 =	ppm	None	X-ray Flourescence
		Zr	Zirconium		5	ppm	None	X-ray Flourescenc
		Y	Yttrium		2	ppm	None	X-ray Flourescenc

^{** 3} g of HMC is pulverized for Cu analysis.

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 komatilite to tholeitic 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).
- Submarine plain basalt and graphitic interflow sediments of the Orvilliers Desmazures Band.

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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 tholeites (Fig. 14), indicating volcanism is of the submarine plain type. Tandem's interpretation that calcalkalic 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 subfissile 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.

- Intrusive Rocks
 4a quartz diorite
 4b granodiorite
- Sedimentary Rocks

 3a greywacke

 3b siltstone

 3c chert/lean iron formation
- 2 Andesite
- 1 Basalt

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.

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 calcalkalic species from tholeitic or komatitic 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 SiO₂ (Appendix E) and plot as high iron tholeitic basalts (Fig. 14). However, samples in Holes 84906, 84907, and 84908 contain 55 to 65 percent SiO₂ and plot as tholeitic andesite. Another, in Hole 84938, contains 80 percent SiO₂ 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.

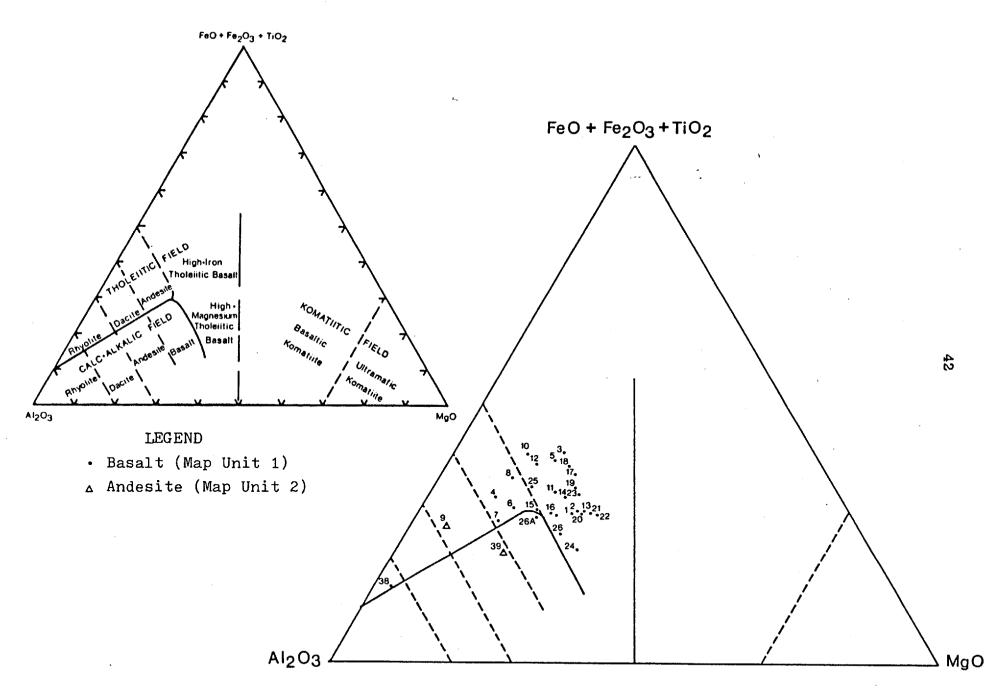


Figure 14 - Jensen Cation Plot of Basalt and Andesite Samples

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 calcalkalic andesite while that of Hole 84909 plots as a tholeitic dacite (Fig. 14).

4.2.2.3 <u>Metasediments (Map Unit 3)</u>

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 subsugary 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 <u>Intrusives (Map Unit 4)</u>

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.

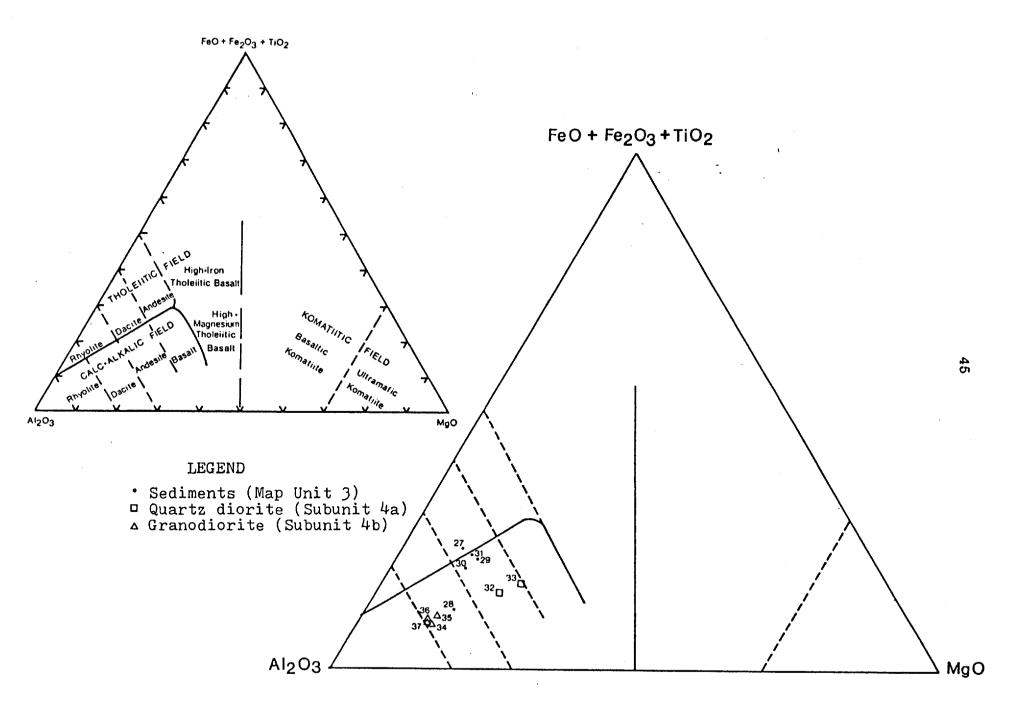


Figure 15 - Jensen Cation Plot of Metasediment and Intrusive Samples

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.

OVERBURDEN GEOLOGY

5.

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.

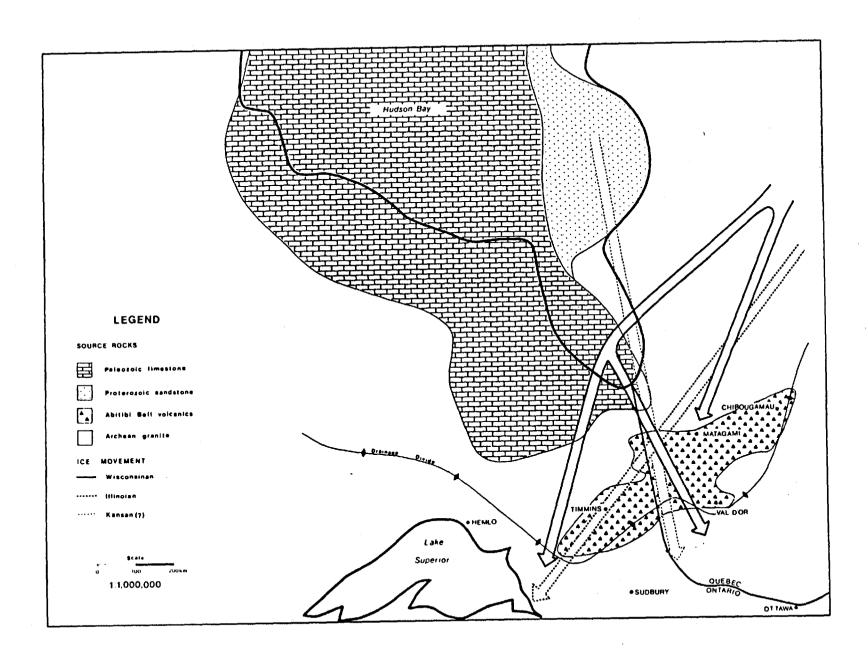


Figure 16 - Glacial History of the Abitibi Region

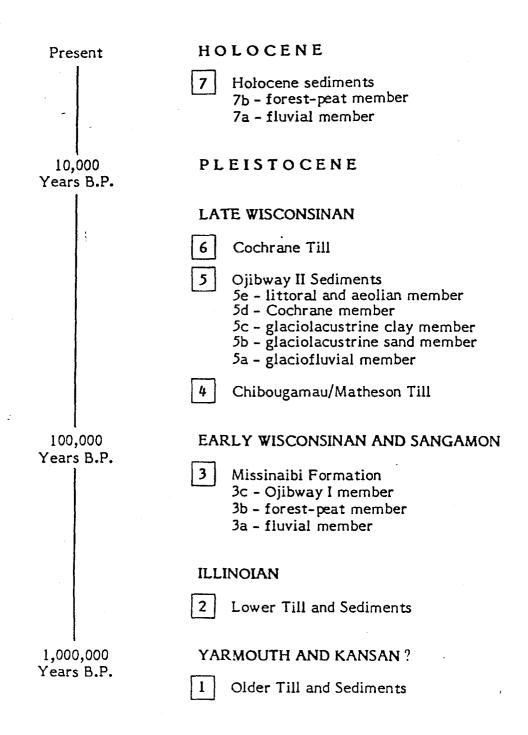


Table 8 - Quaternary Formations for the Abitibi Region

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 Missinabl 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 <u>Matheson Till (Abitibi Unit 4)</u>

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, nonvarved, 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
В	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.	1st Stage Screening	2nd and 3rd Stage Screening				
Hole No.	Sample No.	An Assay Meas.	(pph) Calc.	(*Not Panned)	(Vert. Cont.)	Meas.:Calc. Nugget Assay Ratio Effect		Remarks	Anomaly Group	_
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	57
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	· λ	

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.		Meas. ppb Au	Initial Panning		Check Panning				
	Sample No.		V.G.	Calc. ppb Au	Meas.: Calc. Assay Ratio	V.G.	Calc. ppb Au	Meas.: Calc. Assay Ratio	61
84902	01	1,200	26 X 25 P	5	240	25 x 25 M 25 x 100 x 26 M 76 x 100 x 50 M	712	1.7	
84917	01	66,900	O	0		800 x 975 x 325 R	121,513	0.6	
8493 9	17	7,760	0	0		50 x 100 x 25 R 50 x 125 x 25 R 260 x 360 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.

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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.\$c.

Dated at Ottawa this 4th day of June, 1990

9.

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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: Matrix: Size of Clast: S/U: Sorted or Unsorted SD: Sand : Y: Yes Fraction Present : F: Fine 8: Granules ST: 1 N: Fraction Not Fresent 1 M: Medium P: Pebbles Silt C: Cobbles CY: Clay : L: Lumps Present OR: Organics PL: Boulder Chips Ex: Bedrock Chips Colour: B: Beige % Clast Composition: V/S: Volcanics and Sediments GY: Grey SR: Granitics GB: Grey Beige LE: Limestone 6N: Green CT: Other Lithologies 66: Grey Green (Refer to Footnates) BN: Brown īRi Galv Trace Present BK: Black NOT APPLICABLE Fo: Purple MA: PK: Pink GA: Oxidized OC: Ochre DOC: Dark Ochre MOC: Medium Ochre LOC: Light Ochre BLD: Boulder Chies Elki Bedrock Chips GOLD LOS Mumber of Grains:

7: Number Found on Shaking Table 8: Number Found After Panning

C: Calculated Thickness of Grain
M: Actual Measured Thickness of Grain

Thickness:

OVERBURDEN DRILLING MANAGEMENT LIMITED - LABORATORY SAMPLE LOG **ABBREVIATIONS** DATA LOG Clast: Matrix S/U: Sorted or Unsorted Size of Clast: Sand ! Y: Yes Fraction Present 8: Granules 1 N: Fraction Not Present 5T: Silt ! M: Medium Pebbles CY: Clay ! L: Lumps Fresent | C: Coarse C: Cobbles OR: Organics PL: Boulder Chies Bk: Bedrock Chips Colour: В: Reige % Clast Composition: V/S: Volcanics and Sediments 6Y: Grey 68: Grey Beige GR: Granitics LS: Limestone GN: Green 66: Grey Green OT: Other Lithologies (Refer to Footnotes) BN: Brown BK: Black TR: Only Trace Present NOT APPLICABLE PP: Purple NA: PK: Pink OX: Oxidized OC: Ochre DOC: Dark Ochre <u>Class</u>: MOC: Medium Ochre BLD: Boulder Chips LOC: Light Ochre BDK: Bedrock Chips **GCLD LDG** Number of Grains:

T: Number Found on Shaking Table
P: Number Found After Fanning

Calculated Thickness of GrainM: Actual Measured Thickness of Grain

Thickness:

OVERPURDEN DRILLING MANAGEMENT LIMITED - LABORATORY SAMPLE LOG

<u>APBREVIATIONS</u> DATA LOG Clast: Matrix: S/U: Sorted or Unsorted Size of Clast: 1 Y: Yes Fraction Present G: Granules ST: | N: Fraction Not Fresent Silt P: Pebbles CY: Clay : L: Lumps Present | C: Coarse C: Cobbles Organics OR: BL: Boulder Chips Bk: Bedrock Chips Colour: B: Beige % Clast Composition: 6Y: Grey V/S: Volcanics and Sediments 68: Grey Beige GR: Granitics GN: Green LS: Limestone 65: Grey Green OT: Other Lithologies EN: Brown (Refer to Footnates) Er: Black TR: Only Trace Present PP: Purple NOT APPLICABLE FK: Pink OX: Oxidized GC: Ochre DGC: Dark Ochre Class: MOC: Medium Ochre LGC: Light Ochre BLD: Foulder Chips BDK: Bedrock Chips

GOLD LOG

Number of Grains:

T: Number Found on Shaking Table

F: Number Found After Panning

Thickness:

C: Calculated Thickness of Grain M: Actual Measured Thickness of Grain

OVERBURDEN DRILLING MANAGEMENT LIMITED - LAPORATORY SAMPLE LOG

APEREVIATIONS DATA LOG Clast: Matrix: 3/U: Sorted or Unsorted Size of Clast: ! Y: Yes Fraction Present 9: Branules | N: Fraction Not Fresent : M: Medium P: Peobles ST: Silt CY: : L: Lumps Present : C: Coarse C: Cobbles Clay OR: Organics PL: Boulder Chips Bk: Bedrock Chips Colour: 2: Beige % Clast Composition: √/S: Volcanics and Sesiments GY: Grey 6B: Grey Beige GR: Granitics LB: Limestone EN: Green GG: Grey Green ST: Other Lithologies (Refer to Footnotes) EN: Brown TR: Coly Trace Present Br: Black MA: NOT APPLICABLE FP: Purple PK: Pink OX: Oxidized CC: Conne DOC: Dark Ochre <u> Dlass</u>: MOC: Medium Ochre 180: Light Ochre BLD: Boulder Chips SDK: Bedrock Chips

EGLD LOG

Number of Grains:

T: Number Found on Shaking Table D: Number Found After Fanning

Thickness:

S: Calculated Thickness of Grain M: Actual Measured Thickness of Grain INSLIMAR.NRI

OVERBURDEN DRILLING MANAGEMENT LIMITED

TOTAL # OF SAMPLES IN THIS REPORT = 40

SAMPLE	WEIGHT				WEIGHT	GRAMS	DRY)				D	ESCA	IFTI	DN .							CLASS
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		+10 CHIPS	TABLE	TABLE CONC	M.I. LIGHTS	CONC.	NON MAG	MAG	SIZ	==== E ====	7.			S/U	SD	ST	CY	COL		==== GR	
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84700									_												
901-01	5.0	2.0	7.0	225.6	192.2	33.4	16.7	16.7	2	60	40	NA	NA	Ц	γ	y	Υ	66	. 55	N	TILL
901-02	ā.7	0.8	7.9	472.4	417.2	53.2		28.5		80	20	NA.		U	y	Ý	Y	66	. es	N.	Til
901-03	7.9	0.4	7.5	237.9	219.4	18.5	10.5	8.0		100	TR		SCL	U	ý	Ý	ý	99	63 63	N	TILL
901-04	9.1	1.7	6.4	155.9	141.9	14.1	7,5	6.2		100	TR		ECL	U	Ÿ	Ý	Ÿ	66	68	N	TILL -
902-01	3.2	0.5	2.7	171.6	163.3	8.3	5.1	3.2		95	5	TR		U	Ÿ	Ý	ý	GN	GN	N	THE
903-01	6.9	0.3	6.5	252.3	230.6	21.7	12.3	9.4	C	70	30	NA		نا	Ý	ý	ý	GV	6)	N	TILL
904-01	5.3	0.3	5.0	224.2	198.4	25.8	13.3	12.5		70	30	MA	NA	U		ý	ý	GY	G'-	1	TILL
905-01	5.7	1.2	4.5	142.5	119.4	23.1	12.3	10.8	Ē	70	20	105	:14	Ü	v	v	ų.	5. 52	58	- H. - H	T
905-02	5.7	1.9	3.9	103.2	83.2	20.0	11.2	18.8	C	50	40	NA	NA.	ij	. Y	ý	v	63	25	N	TILL
90 6- 01	9.4	6.1	8.3	150.3	125.1	25.2	18.0	12.2	TR	NA	NA		601	5	E	ý	N	В	1.4	t:	SAND
906-02	2.4	0.1	2.3	72.5	62.9	9.6	5.6	4.0	0	60	40		901	5	F	Ÿ	N	8	NA.	4	ELKE
906-03	2.5	0.2	2.3	99.1	92.6	6.5	4.1	2.4	5	80	20	NA Na	ALC:	Ū	· v	Ý	V	99	- 65	N	7711
907-01	7.4	0.1	7.3	163.8	137.á	31.2	19.2	12.0	TR	NA	NA		611	Š	F	Ý	N	5.	NA	H	SA40
907-02	5.2	1.0	7.5	206.4	177.2	29.2	15.5	17.5	C	70	30	437	NA	Ū	. y	y	v	55	55	11	7111
907-03	8.7	1.0	7.7	159.2	129.5	30.7	14.8	15.9	Ē	70	50		301	Ū	Ÿ	ý	V	ΕV	3/	ă.	TELL
907-04	8:2	1.3	ć. ?	229.5	189.5	39.0	19.2	17.8	Ē	70	30	NA.	. NA	U	Ý	ý	¥	05	88	N.	7- ;
907~05	3.3	ે.૩	7.5	155.7	120.3	36.6	19.9	16.7	C	95	Ē	1,2	HΑ	ij	¥	ý	ż	68	65		7.1
907-05	5.0	0.:	2.9	155.5	144.4	14.1	7.5	5.5	C	95	5	i,		Ŀ	ý	Ÿ	V	25	65		TILL/ELDS.
7 07-07	€.4	0.4	€.0	157.7	153.1	14.5	10.5	4.1	ũ	100	TA.	Fig.	100	-	Ý		5	314	36	j.	maria Talam
908-01	્ટ.4	1.0	7.4	152.8	113.0	34.8	15.8	16.0	C	40	TR	1	A) A	U	Y	Ý	V	5	3	îv	1
905-02	5.5	0.7	-7.7	140.3	105.0	32.0	10.3	15.7	C	60	40	NA		IJ	γ	V	V	Ē	-	N	771
909–0₹	0.2	3.2	6.0	74.9	72.9	22.0	12.5	5.5	Ξ	50	40	拉	(vi)	Ξ	¥	Ý	∇	F	MA.		3AND
705-04	7.5	6.5	7.0	92.9	71.2	27.7	14.8	12.9	0	à0	4.)		24.2	ų.	γ	¥	÷	E	63		7:11
908-05	5.3	0.8	7.5	14c.7	115.5	30,2	15.6	14.5	5	5	40		NA	U	¥	V.	¥.	Ε	33		7711
70 8- 0a	ź.4	0.7	5.7	120.E	104.2	19.6	9.7	7.9	C	50	40	113		Ü	Y	¥	٧	ē	33		TILL
909-07	7.4	0.1	7.3	190.7	174.0	15.7	7.6	7.1	C	60	40	NA.	MA	Ü	¥	Y	Y	EY.	5:		TILL
909-01	9.4	1.0	7.4	139.6	161.6		14.7	13.3		70 -	30	$M_{\rm H}^{\Delta}$	NA	نا	Y	¥	¥	B	65	N	TILL
909-02		୍. ଞ		154.2	134.3			.7.7		70	30	14	1	U	¥	Y	}	5	F		TIL
909-02B	5.1	0. 9		134.0	120.6		5.7			70	30	1/4	144	U	¥	¥	ç	EY	34		TiL
710-01		5.4	1.5	125.6	111.3			1.9			40		\mathbb{M}^{Δ}	ı.	V	¥	¥	53	55	N	TILL/BLDR.
711-01	7.8			172.6	159.1						30		ΝA			Y	Ť	69	63	ř.	TILL
912-01	Ξ.7	€.3			135.1						30		$F_{\alpha} \triangle$	Li .	Y	Y	¥	5	63	N.	144
912-02	8.5	1.1		147.6	116.1						20		HA			Y		GE.	63	1.	T711
713-01	8.4	1.1		179.1	140.2						Z0		MA			Y		B	84	14	T.LL
913-02	8.5	1.2		15:18	115.4	41.4	25.2	16.2	S				MA			Y		5	57	N -	TILL -
713-03	8.5	1.3		203.7	145.4						3)		NA .			Y '		E	5Y	Ħ.	TILL
913-04	3.1	0.5		372.6	363.8						40		112			y '		63		'n	TILL .
913-05 913-06	7 .5 8.7	1.2		278.9	271.5						40		HA			Y '				N ·	
913-07	ε.7 ε.7	1.3 1.2		265.6	245.8								MA			٧ · ١				ii i	
145-01	2.1	***	7.5	262.1	255.0	25.1	11.1	14.0	C	70	30	i di	144	U	Ÿ	Y 1	¥"	58	33	N	TILL

INSLIMAR.WR1
TOTAL # OF SAMPLES IN THIS REPORT =

OVERBURDEN DRILLING MANAGEMENT LIMITED

		LHEURH CAT	DHITTLE	L

SAMPLE	WEIGHT	(KG.%	ET)		WEIGHT	(GRAMS	DRY)				D!	ESCR	IFTI	0N							CLASS
NO.						M.	1. 00	NC		CLA	37				MAT	RIX					
			TABLE	TABLE	M.I.	CONC.	NON		SIZ		7.				SD			בפט	0A	CR	
	SPLIT	CHIPS	FEED	CONC	LIGHTS	TOTAL	MAG	MAG		 V/S	er er	<u>L3</u>						SD	CY		
8 47 00																					
901 - 01	9.0	2.0	7.0	225.6	192.2	33.4	16.7	16.7	С	60	40	NA	NA	U	Y	'n	γ	26	66	N	TILL
901-02	8.7	0.3	7.9	472.4	417.2	53.2	24.7	28.5	ē	80	20	NA	NA	U	y	Ÿ	V	2G	89	N	TILL
901-03	7.9	0.4	7.5	237.9	219.4	18.5	10.5	8.0	C	100	TR	NA		U	Ÿ	Ÿ	٧	99	93	N	TILL
901-04	8.1	1.7	6.4	155.9	141.8	14.1	7.9	6.2	C	100	TR	N/A		U	y	Ý	Ÿ	66	69	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	Ý	Ý	Ÿ	EN	GN.	N	TILL
903-01	ź.9	0.3	6.0	252.3	230.6	21.7	12.3	9.4	٥	70	30	NA	NA	П	Ý	Ý	ý	SY.	SY	N	TILL
904-01	5.8	0.9	5.0	224.2	198.4	25.8	13.3	12.5	C	70	30	NA	MA	U	- }	¥	Å	EY	gy.	N	TILL
905-01	5.7	1.2	4.5	142.5	119.4	23.1	12.3	10.8	. c	70	30	140	NA	U	٧	Y	V	38	25 25	N	TILL
905-02	5.7	1.9	3.9	103.2	83.2	20.0	11.2	8.8	S	60	40	NA	NA	زا	Ÿ	Ý	y	65	53	h	TILL
906-01	5.4	0.1	8.3	155.5	125.1	25.2	15.0	12.2	TR	NA	NA		601	3	FH	v	N	2	- 22	i.	SAND
904-02	2.4	0.1	2.3	72.5	62.9	9.6	5.6	4.0	· C	60	40		SEL	5	F	Ý	N	â	# <u>#</u>	N	SAND
90e-03	2.5	0.2	1.2	99.1	92.6	5.5	4.1	2.4	5	80	20	MA	NA	U	Ϋ́	¥	v.	33	35	N	TILL
907-01	7.4	0.1	7.0	143.9	137.6	31.2	19.2	12.0	TR	NA	MA		60_	5	F		Ň	3	72-	N	SAND
507-02	8.8	1.7	7.5	205.4	177.2	27.2	15.6	13.6	C	70	30	h ₂ A	NA	U	ÿ	•	Y	53	35	R	TILL
707-03	8.7	1.0	7.7	159.2	125.5	30.7	14.8	15.9	Š	70	30		SCL	Ü	Ý		ý	£Υ	37	N	TILL
907-04	a:2	1.3	5.9	225.5	187.5	39.0	19.2	17.8	Ē	70	30	NA	144	U	Ÿ		Ý	68	35	N	77:
907-05	8.3	0.8	7.5	152.9	120.3	36.6	19.9	16.7	C	95	- 5	RA	NA	Li	Ý		ý	68	35	1.7 2.7 2.9	TILL
907-05	5.0	0.1	2.9	155.5	144.4	14.1	7.5	5.5	5	95	5	142	14 <u>0</u>	U	Ý		ý	63	25		TILL/SLDR.
907-07	2.4	0.4	ā. ú	ia7.7	153.1	14.5	10.5	4.1	2	100	TE	NΑ	ħΑ	ü	Y		Ÿ	3N	33	ħ.	Till
908-00	B.4	1.0	7.4	152.8	113.0	34.5	13.8	15.0	Ō	40	TR	NΑ	NA	U	Ý		Ý	Ē	3	N.	TILL
908-02	ŝ.e	0.9	7.7	140.3	108.3	32.0	16.3	15.7	Č	60	40	NA	NA	Ū	Ý		ý	:	:		TIL
908-05	£.2	0.2	5.1	74.9	72.9	22.0	12.5	7.5	Ē	<i>5</i> 0	40	NΑ	NA	5	ý		v	1 14	- NA	· ·	BAND
908-04	7.6	0.8	7.0	96.9	71.2	27.7	14.8	12.9	Ē	50	40.	NA	NΑ	U	Ý.		¥	-	23		7.1.
908 ~ 05	8.3	ୃ.ଞ	7.5	145.7	115.5	30.2	15.6	14.5	Ē	60	40	NΑ	14	Ü	¥	•	ì	Ē	==		7.11
90 8- 05	ć.4	0.7	5.7	123.€	104.2	17.6	9.7	7.9	C	60	40	MA	NA	Ū	Ý		y	=	33		Till
909-07	7.4	2.1	7.3	190.7	174.0	16.7	9.6	7.1	Ē	ं	40	MA	NA	ü	ý		ý	ĒΥ	ō':		TILL
⊃0¢-01	8.4	1.0	7.4	129.5	161.6								NA			Ÿ			G3		
704-02	5.2			154.2	134.3			F.7					NΔ			Ý		Ē	5		TILL
905-023	5.1	0.9	5.2	134.0	120.8			6.7		70						Ÿ		Ξ¥			TILL
910-01	1.5	0.4	1.2	125.6	111.3			1.9					NΑ			y		33	63		TILL/ELDR.
911 - 01	7.8	1.0		192.5	159.1					70			NΑ			Y					TILL
512-01	2.7	0.3	7,=	174.€	:35.1					70			NA			Ÿ		5			TILL
912-02	8.5	1.1	7.4	147.3	116.1					80			NA			Ý					TILL
913-01	€.4	1.1	7.3	179.1	140.2					80			MA			Ÿ					TILL
913-02	8.6	1.2	7.4	155.8	115.4			16.2					NA			Ÿ		3	37		TILL
913-03	3.5	1.3	7.2	203.7	165.6								NA			ų		3	gv		TILL
913-04	8.1	0.6	7.5	379.6	363.8								NA			Ÿ		33			TILL
913-05	7.5	1.2	6.3	298.9	271.5								ĦΑ			ÿ		68			TILL
9:3-06	€.7		7.4	255.5	243.8			8.7					NA			ÿ.			2B.		
913-07	₹.7	1.2	7.5	262.1	255.0	25.1	12.1						MA			Y			==		
,	0.7	1,2	7.64	454.1	230+0	42.1	14.1	14.0	•	70	20	(सं	ñΑ	U	¥	Y	¥	ЗĎ	==	N	TILL

INBLIMAR. WRI

TOTAL # OF SAMPLES IN THIS REPORT = 40

OVERBURDEN DRILLING MANAGEMENT LIMITED

).						M.	1. CO	NC NC		CLA	37				MAT	RIX						
	TABLE	+10	TABLE	TABLE	M.I.	CONC.	HON		SIZ	E	7.				SD			COL		ΩR		
	37L11	CHIPS	רבבט -	CONS	LIGHTS	TUTHE	MAG	MAG		V/S	GR	LS						SD	CY	mes		
14700																						
1-01	9.0	2.0	7.0	225.5	192.2	33.4	16.7	16.7	С	6 0	40	NA	NA	U	Y	γ	γ	29	65	N	TILL	
11-02	2.7	0.5	7.9	472.4	417.2	53.2	24.7	28.5	ō	80	20	NA	NA	Ū	ý	ý	Ý	86	65	N	TILL	
1-03	7.9	0.4	7.5	237.9	219.4	18.5	10.5	8.0	Ξ	100	TR	NΑ		Ü	Ý	Ý	ý	86	93	N	TILL	
1-04	8.1	1.7	5.4	155.9	141.8	14.1	7.9	6.2	Ē	100	TR	NA.		Ū	Ý	Ÿ	Ý	36	68	N	TILL	
2-01	3.2	0.5	2.7	171.6	163.3	8.3	5.1	3.2	Ē	95	5	TR	NA	U	Ý	v	Ý	GN.	GN	N	TILL	
T-01	6.9	0.3	ž, á	252.3	230.6	21.7	12.3	9.4	C	70	30	NΑ	NA	Ü	Ý	ý	ý	٩v	87	N	TILL	
4-01	5.3	0.9	E. ()	224.2	198.4	25.8	13.3	12.5	ē	70	30	NA	NA	U		v	Ý.	- BY	₽. 9¥		TILL	
5-01	5.7	1.2	4.5	142.5	119.4	23.1	12.3	10.8	ē	70	30	in.	NΑ	11	V	V.	Ý	6P	- EB		TILL	
5-02	5.7	1.9	3.8	103.2	83.2	20.0	11.2	6.8	5	5 0	40	NA.	NA	U	Ý	ý	ý	35	35		7111	
6-01	8.4	0.1	8.3	150.3	125.1	29.2	18.0	12.2	TR	ΝA	NA			8	ΞM	V		3	1.5		EAND :	
6-02	2.4	0.1	2.5	72.5	. 62.9	9.6	5.6	4.0	C	50	40		3CL	S	- 1	ý	N	=			5400	
£-03	2.5	0.2	7.3	79.1	92.6	5.5	4.1	2.4	Ē	80	20	NA	NA	U	V	V	V	36	85		TLL	
7-01	7.4	0.1	7.3	159.8	137. à	31.2	19.2	13.0	TR	hà	NA			5	F	¥	ki H	30	A . 7		34ND	
7-02	8.5	1.3	7.5	205.4	177.2	29,2	15.6	13.6	ε		30	APA APA	NA	-	¥	v	¥.	55	65 65	25 25	⊕ma <u>u</u> metri	
7-03	8.7	1.0	7.7	159.2	128.5	30.7	14.8	15.9	r	70	30		ELL.	Ü	ý	v V	v	37	22	- 13 - 24	****	
7-04	8:2	1.3	20	223.5	187.5	39.0	17.2	17.8	5	70	30	NA	MA	Ü	Ý	i V	¥	35	=======================================		711	
7–05	8.3	0.3	7.5	156.9	120.3	36.6	19.5	15.7	7	95	5	NA	NΑ	11	v	ý	V	39	75		i american Taranta	
7-05	3.0	0.1	2.9.	155.5	144.4	14.1	7.5	5.5	5	95	-	NA	160	Ľ.	v	v	· .	2.5	- 5E		 7111/E	-
7-07 [°]	8,4	6.4	E. 0	:57.7	153.1	14.5	10.5	4.1	E	100	TE	NA.	NA INC	10	Ý	¥	V	54 54	35	-1	1,111/2 7:11	
5-01	8.4	1.0	7.4	152.9	115.0	34.8	15.8	15.0	ř	40	TR	NA	NA	U	٧	1	v	1	Į.		7.1.	
9-02	5.5	9.7	7.7	140.3	105.3	32.0	15.3	15.7	-	άÛ	40	NA	MA	Ü	Ý		Ÿ	2	:		TILL	
2-(Z	c.2	0.2	5.0	74.5	72.9	22.0	12.5	9.5		50	40	NA	NA	3	¥	v	r V	-	14		SAND	
3-04	7.5	0.5	7.4	95.9	71.2	27.7	14.5	12.9	Ę	60	40	NA	NIA.	1	*		v	-	: n @3		or vu Till	
9-05	2.3	0.8	7.5	145.7	115.5	30.2	15.0	14.5	5	ತ್ರಿ	40	NA.	<u>%4</u>	Ü	Ÿ	ý	,	3				
3-0a	ć.4	0.7	5.7	120.6	164.2	19.6	9.7	7.5	C	50	40	NA NA	NA	Ŀ	v		У	2			- + inda TT: :	
9-07	7.4	0.1	7.3	199.7	174.0	15.7	7.0	7.1	Č	20	40	NA.	NA	Li	Ý	V	v	84	_			
7-01	8.4	1.0	7.4	139.6	161.6				Ē		-		NA	_	Ý	y	v V	5	-	k 1		
7-02	5.2	0.3	1,4	1541.2	134.3		10.2	9.7	Č	70		ΝA	MA			Ý		5			TILL	
-02B	5.1	0.7	2. 3	134.0		17.4	6.7	5.7	Ē	70		NA	NA			Ϋ́			_		ILL	
)-(<u>1</u>	1.5	0.4	1.2	125.6		14.0	12.4	1.9	5	50		NA	14		Ý	v ·		25			TLL/E.	55
1-01	7.8	1.0	5.5	192.5	159.1	33.5	19.8	14.7	č	70		NA	NA			Y	•	58			TLL.	انٺ
2-01	8.7	€.3	7.9	174.5	135.1	39.4	22.2	17.2	C			ΝA	NA			Ý ·		B.		n . A T		
2-92,	8.5	1.1	7.4	147.5		31.7	19.2	13.5		80				ij		, Y ,		SE.				
3-01 [']	€.4	1.1	7.3	179.1		33.9	22.9		٤	80		NA		U		γ ·		35 B				
5-02	8.5	1.2	7.4	155.8		41.4	25.2	15.2		70				5 []		y v		3				
3-03	3.5	1.3		233.7		38.1	22.1	15.0		70		NA	NA		Ÿ	y v					ILL	
-04	8.1	0.5		378. <i>6</i>				15.2		<u>60</u>			NA		Ϋ́	¥ Y					TLL	
5-05	7.5	1.2		278.9		27.4	14.4	13.0	C	60			NA NA			Y 1					ΊЩ	
-0±	€.7	1.7		255.6		15.8	8.1		C	a()			NA			y y					I.L	
-07	5.7	1.2		III.1	258.0		12.1	14.0	3		30					y y				S I N I		

INSLIMAR. WR1

TOTAL # OF SAMPLES IN THIS PEPORT = 40

OVERBURDEN DRILLING MANAGEMENT LIMITED

SAMPLE	WEIGHT				WEIGHT		DRY)				D	ESCA	IFTI	ON							CLASS
NO.						M.	1. 00		===	CLA			====		MAT		===	====			
			TABLE	TABLE	M.I.	CONC.	NON		SIZ	==== E	%		====		===== ! SD			COL		GR	
	SPLIT	CHIPS	FEED	CONC	LIGHTS	TOTAL	MAS	MAG		 V/S	GR	LS						=== SD	CY		
			-																_		
34700																					
F01-01	9.0	2.0	7.9	225.6	192.2		16.7			50			NA	U	Y	À	Y	66		N	TILL
901-02	E.7	0.3	7.9	472.4	419.2	53.2	24.7	28.5		80	20		MA	U	Y	Y	Y	36	66	N	TILL
901-03	7.7	0.4	7.5	237.9	219.4	18.5	10.5	8.0		100	TR		SCL	IJ	Y	Y	Y	66	9G	N	TILL
901-04	2.1	1.7	5.4.	155.9	141.8	14.1	7.9	6.2		100	TR		3CL	U	Y	Y	Y	66		N	TILL
902-01	3.2	0.5	2.7	171.6	163.3	8.3	5.1	3.2		95	5	TR	NA	U	Y	Y	Y	GN	GN	N	TILL
903-01	0.9	0.3	5.5	252.3	230.6	21.7	12.3	7.4	0	70	30	NA	NA	Ü	Y	Y	Y	V	GΥ	N	TILL
904-01	5.9	0.5	5.0	224.2	178.4	25.9	13.3	12.5	C	70	Jú	NA	NA	U	1	¥	Y	GY	5 Y		TILL
905-01	₹.7	1.2	4.5	142.5	115.4	25.1	12.3	10.8	C	70	20	135	NA	U	Y	Y	·	52	38		TILL
905-02	5.7	1.7	3.9	103.2	83.2	20.0	11.2	9.8	С	60	40	NA	NΑ	IJ	.Y	Ÿ	Y	EB	28		TILL
906-01	5.4	6.:	3,3	150.3	125.1	29.2	15.0	12.2	TR	MA	HA		601	8	Fit	Υ	N	Ē	1.4	ř.	SAND
906-02	2.4	0.1	2.0	72.5	52.9	9.6	5.6	4.0	С	6 0	40		SEL.	5	F	Y	N	3	Α÷		EAND
90±-03	2.5	0.2	2.3	79.1	92.6	6.5	4.1	2.4	5	90	20	NA	NA	ü	٧	¥ -	V	38	39		7111
997-01	7.4	V.1	7.3	149.8	137: 8	31.2	19.2	12.0	TE	HA	MA		61_	5	F	A.	N	5	10.2		SAND
907-01 507-01	8.E 8.7	4 4	7,3	205.4	177.2	27.2	15.6	13.6	٠.5	70	30	NA.	NA	Ŀ	¥	Ý	Y	32	52		TILL
907-03 907-04	5 E.C	1.0	7.7	159.2	128.5	30.7	14.8	15.9	2	70	7.0		301	U	Y	Y	Y	5	31		TILL
907-05 907-05	E.3	1.3	5.7	228.5	187.5	79.0	19.2	19.8	C	76	39	144	₩A		¥	Y	¥	55	53		7: 1
7T.J 7.7-05	5.0 7.0	0.∄ 0.:	7.5	156.9	120.3	36.5	19.5	16.7	ב	95	5	142	MA	U -		Y	¥	33			FILL
7.7703 7.7707	15.4	0.4	2.9	155.5	144.4	14.1	7.5	5.5	C	05	=	NA.	112	Ţ,	Ý	,	Y	65	68		TILL/ELDR.
70E-11	5.4 5.4		5.0	157.7	155.1	14.6	10.5	4.1	C	100	75.	110	NA	Ú	1		Ä.	ΞN	33		
708-11 708-12	5.t	1.0	7.4	152.8	115.0	34.8	18.6	16.0	5	40	TR	NA	MA	L	y	•	Y	Ē	=		IILL .
935-00	2.2	0.2	7.7 3.0	140.3	165.7	32.0	16.3	15.7	0	20	40	NA	NA	U	Y	Ä	Y	-	=		1.1
703-04	-		7.0	94.7	72.9	22.0	12.5	7.5	î.	20	40	NA	क्ष	=	¥	Ť	Y	Ē	-		AND
705~(E	7.0	0.E	7.5	98.9 7	71.2	27.7	14.8	12.9	C	5 0	4,5	NA	14-	11	1	¥	Y	E	33		
-02-02	£.4	6.7	5.7	145.7 123.8	115.5	30.2	15.c	14.5	5	သိ	4 0	NA	88	U	À.	•	Y	=	5.5		TLL
705-07	7 2	V. 1	1.3	190.7	104.2	17.6	9.7	9.9	5	40	40	NA NA	iA	U	¥		Ä	Ē	35		ILL
904-01	G 1	7.4	7.4	139.6	174.0	10.7	7.6	7.:	C	50	40 	NA	NA	Ú.	¥	Y	¥	ΒY	21		LL
707-01	5.2	0.3	4,4	154.2	161.6 174.3	28.0							NA		*		*	5			TILL .
909-613	2.1	0.0	1.1	134.0	120.6		10.2	9.7				NA	福		Y	Y		5	=		Til
910-11		0.4	1.2	125.0	111.3		6.7	5.7			J0		MA			Y					ILL
F11-01	7.3	(.)	2.3	192.5			12.4 18.8	1.9			40	NA		U		Y		65			ILL/PLDR.
F:5-0:	2.7	0.8	7,7	174.5	135.1						30		MA			Y				N I	
712-02	3.5	1.1		147.5								NA .	NA .			Y		12		∜ T	
915-01	€.4	1.1	7.3	179.1		31.7						NA.	MA			γ '		EE.			ILL
913-02	6.5	1.2	7.4	158.8				16.0				NA	NA			Υ :		В		4 I	
913-33	8.5	1.3	7.2	203.7				16.2				NA	NA NA			γ \		2		E I	
913-04	E.:	0.8		398.6	363.8		42.1	16.0			30		MA			Υ ١		Ē		i I	
913-05	7.5	1.2		298 .9	271.5			15.2			40		NA			Y 1			. –		ILL
710-05 710-05	€.7			265.6	245.8						40		NA		Y					N T	
917-67	£.7			252.1	255.0		8.1	8.7			40		V.A			Y Y				¥ I	
	w 1 /	• • •		1	200 V		11	14.0	•	70	JŲ.	£B	14	<u>.</u>	Ÿ	Y v		99	==	l I	ill

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OVERBURDEN DRILLING MANAGEMENT LIMITED

TOTAL # OF SAMPLES IN THIS REPORT =

40

SAMPLE	WEIGHT				WEIGHT								IPTI								-	LASS
NO.						M.	1. 50	MC		CLA	5 T				MATE	RIX						
			TABLE	TABLE	M.I.	CONS.	HON		SIZ	Έ	%				SD			CGL	OR	OF	}	
	SFL1:	CHIFS	-	CONC	LIGHTS	lu:AL	MAG	MAG		V/S	GR	LS						SD	ĈΥ			
									_										-			
94900																						
913-08	7.3	0.7	5.5	133.5	111.8	21.7	10.7	11.0	C	50	40	TR	NA	U	Y	¥	¥	68	GE	N	TILL	
913-09	6.3	0.5	5.3	154.3	142.8	21.5	10.5	11.0	C	ć 3	35	0	NA	U	Y	Υ	Ą	58	59	N	TILL	
913-10	7.1	0.5	5.3	119.7	98.7	21.0	10.8	10.2	£	ಟ್	15	0	NA	U	Υ	Y	γ	6B	65	N	TILL	
914-01	6.9	1.0	5.9	143.1	112.8	30.3	15.6	14.7	3	6 0	40	TR	NA	U	γ	Y	Y	88	68	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	γ.	γ	γ	65	55	N	TILL	
916-01	5.3	6.7	7.6	180.1	147.7	32.4	15.6	15.8	С	55	35	TR'	NA	Ü	Y	Ý	Y	68	6B	H	TILL	
91a-02	8.2	0.3	7.4	163.0	134.9	25.1	14.2	13.9	0	80	20	TR	NA	U	Υ	Υ	Y	GB	53	N	TILL	
71 5- 03	7.9	0.7	7.2	134.3	111.7	22.0	12.0	10.6	C	78	2	0	NA	Ü	γ	Y	Y	GB	33	k	TILL	
916-04	4.1	9.5	J. a	78.4	86.7	11.7	5.3	5.4	C	98	2	0	NA	U	¥	Υ	¥	68	55	М	TILL	
917-01	9.0	1.6	7,4 .	150.2	128.1	32.1	15.8	15.3	0	70	30	TE	NΔ	Ü	Y	Y	Y	eb	33	N	TILL	
717-02	7.9	1.3	5.2	160.7	132.5	25.2	13.5	14.7	2	70	30	NA	NΑ	IJ	Y	Y	Y	₿.	Ē	N	TILL	
°18-01	€.5	0.9	7.7	138.5	104.6	33.7	15.2	17.7	C	60	40	TR	NA	U	Y	Y	Y	3	3	N	TILL	
916-02	8.5	0.7	7.3	155.7	112.9	42.8	18.6	24.2	C	<i>5</i> 0	40	ĬŔ.	NΑ	U	Y	Y	Y	38	53	R	TILL	
919-03	8.7	0.7	8.≎	155.3	134.9	30.4	14.3	15,1	C	70	30	0	NA	Ü	Ÿ	Y	Y	GB	Ξ.	N	TILL	
718-04	7.0	0.5	5.5	133.5	109.5	24.0	12.7	11.3	С	70	- 30		6CL	U	γ	Y	Y	68	62	13	TILL	
918-05	S₂ó	0.7	5.0	156.7	142,4	24.3	12.1	12.2	C	70	10		6CL	U	Y	Y	Y	GB	38	h	TILL	
918-06	7.5	ે.૩ે	7.0	135.8	154.2	21.6	9.8	11.8	C	55	5		BCL	U	Y	Y	Å	GB	38	N	TILL	
918-07	7.6	0.7	చ. ్	150.2	123.5	25.7	14.5	12.2	C	⁵ 5	5		ECL	U	Ÿ	Y	Y	5B	68	N	TILL	
919-01	5.7	0.9	5.9	219.2	192.4	25.8	14.0	12.8	C	55	35	TR	NA	U	Y	Y	Y	23	33	12	TILL	
917-02	8.1	0.7	7.2	251.4	223.6	27.8	13.9	13.9	C	65	35	0	NA	Ü	Ÿ	Y	Y	GB	35	1.	TILL	
920 - 01	5.8	1.3	5.5	218.2	170.7	27.5	13.8	15.5	С	55	35	15	NΔ	U	Y	Υ,				H	TILL	
920- 02	7.3	0.7	7.1	282.4	253,3	15.1	14.0	₹.1	٥	55	35	Û.	NΑ	Ü	¥	¥			5 3 8	k	TILL	
920-03	8.5	≎.8	7.7	302.2	257.1	40.1	20.9	22.2	C	చర	40	0	NA	U	Á	Ψ.			666	N.	TILL	
920-04	5.5	0.3	€.0	192.1	157.5		41.3	11.3	C	80	20	Ů	NA	Ü	Y	À			65		TILL	
929-05	8.0	1.1	5.7	248.3	219.5	23.8	14.2	14.5	0	70	30	0	NA	Ü	γ	Y			63	H	TILL	
722-01	7.0	0.5	έ.4 = α	251.7	237.5	24	12.5	11.9	C	50	40	0	NA	L	y Y	Y			5 3	A.	TILL	
722-02	7.8	0.6	1.14	285.8	254.1	3:.7		15.3	0	70	20	0			Y	Y			62		TILL	+
F23-01	3.0	0.1	2.9	100.5		5.7		2.9			0		1303		À				BN.		TILL	
924-01 254-00	8.1	1.0	7.2	278.5	246.6			15.3			40		NA		Y	Y			55		TILL	
724-02 024 17	E.4	6.7 ∧ ₹	7.7	218.6	192.2		14.3	13.1			30	0			¥ .				35		TILL	
924-03	3.4	0.3	3.1	133.8	122.9		5,2	5.7			40	0			Y		Y		<u>.</u> 		TILL	
925-01 504-01	5.9	1.2	3,7	216.0	207.7	8.3	4.2		C		40		NA.		Y			ēN			TILL	
926-01	٤.0	0.7	5.3	207.8	189.5			10.1			30	Ú.			Y	Y	¥		63		TILL	
926A-01 926A-02	S.3	1.0	7.5	414.9	381.0			.5.8			30		NA		Y	Y			E#		TILL	
726H-02 926H-03	8.4	1.2	7.2	115.5		30.0		14.7		50	40	9			Y		Y		85		TILL	
725HTVU 927-01	3.6 6.0	0.5	3.0 6.3	149.8 237.4	154.5		7.9	7,4		70	30	0			Y				65		TILL	
727 - 02	9.0	1.2	7.8	152.2	205.3 113.1			16.7 19.5		- 35 72	35		MA		Y		Ý		95 5.4		TILL	
929-01	7.9	0.9	7.0	169.0	138.4		15.6 15.7			75 45	25	() ()	NA		Y			GA.			TILL	
725-01 730-01	5.3	1.2	7.5	208,4	223.6					55 .5	35 35		NA NA		Y		Y,		<u> </u>		TILL	
7-00-01	2.2	***	7.3	-UD, *	445.0	⊕7.E	.5.2	21.5	ن	50	C. Z.	Ų	NΑ	Ü	γ	Ÿ	ĭ	BE.	CZ	N	TILL	

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OVERBURDEN DRILLING MANAGEMENT LIMITED

TOTAL # OF SAMPLES IN THIS REPORT = 40

SAMPLE	WEIGHT				WEIGHT								IPTI								CLAS	
NO.	======						I. 00			CLAS					MATE	RIX.						
	TABLE		TABLE	TABLE	M.I.	CONS.	NON		512		7.				SD			CGL	OR	OR		
	SPLIT	CHIFS	FEED	CONC	LIGHTS	TOTAL	MAG	MAG		V/S	GR	LS	0T					SD	CY			
									_										_			
64700																						
913-09	7.3	0.7	6.6	133.5	111.8	21.7			C	50	40	TR	NA	Ü	Y	Y	¥	65	GB		TILL	
913-09		0.5	5.3	154.3	142.8	21.5	10.5	11.0	C	6 5	35	D	NA	U	Y	Y	Y	38	53	Par.	TILL	
913-10	7.1	0.8	6.3	119.7	95.7	21.0	10.8	10.2	3	85	15	0	MA	U	Y	Y	Y	68	65	H	TILL	
914-01	6.9	1.0	5.9	143.1	112.8	30.3	15.6	14.7	С	60	40	TR	NA	U	Y	Y	Y	95	68	k	TILL	
915-01	2.3	0.2	2.1	103.1	92.3	10.8	5.7	4.9	С	70	30	TR	NA	IJ	Y	Y	Y	65	93	H	TILL	
516-01	5.3	0.7	7.6	130.1	147.7	32.4	16.6	15.8	С	55	35	TR	NΑ	U	Y	, γ	γ	GB	GB	N	TILL	
91a-02	5.2	୍. 8	7.4	153.0	134.9	25.1	14.2	13.9	ε	89	20	TR	NΑ	U	Y	Υ	Y	GB	3B		TILL	
P16-03		0.7	7.2	134.3	111.7	22.6	12.0	10.6	C	78	2	0	NA	U	γ	Y	Y	Œ	53	ii.	TILL	
916-04	4.1	0.5	J.8	95.4	Sò.7	11.7	6.3	5.4	C	98	2	0	MA	U	¥	Y	Y	53	85		TILL	
917-01		1.6	7.4	150.2	128.1	32.1	15.8	16.3	С	70	30	TE	NΑ	U	Ÿ	Ÿ	Y	95	33		TILL	
917-02	7.9	1.3	6.6	160.7	132.5	28.2	13.5	14.7	C	70	30	ΝA	NA	U	Y	Y	Y	Ē.	B		TILL	
918-01	3.6	0.9	7.7	138.5	104.6	33.7	16.2	17.7	C	60	40	TK	NA	U	Y	γ	Y	3	Ē	¥	TILL	
918-02	3.5	0.7	, 7.8	155.7	112.9	42.8	18.6	24.2	ũ	50	40	īŘ	ΝĄ	U	¥	Y	Y	GB	63		TILL	
915-03	6.7	0.7	8.0	165.3	134.9	30.4	14.3	16.1	C	70	30	0	N	U	Y	Y	Y	GB	=		TILL	
718-04	7.0	0.5	5.5	135.5	109.5	24.0	12.7	11.3	С	70	30		6CL	Ľ	. γ	Ÿ	¥.	63	53		TILL	
918-05	3.6	0.7	8.0	156.7	142.4	24.3	12.1	12.2	С	70	10		GCL	U	Y	Ÿ	Y	Gō	35		TILL	
918-0a	7.8	0.8	7.0	135.8	164.2	21.6	9.5	11.8	3	95	5		GCL	Ц	Y	· Y	Y	GE	68		TILL	
918-07	7.6	9.7	=.9	150.2	123.5	26.7	14.5	12.2	0	95	5		SCL	U	γ	Y	Y	GB	35		TILL	
915-01	5.7	0.8	5.9	219.2	192.4	25.8	14.0	12.8	С	55	35	TR	NA	Ü	¥	Y	¥	65	33		TILL	
917-02	3.1	0.9	7.2	251.4	223.6	27.8	13.9	13.9	2	65	35	0	NA	Ü	Y	Υ	Y	69	32		TILL	
920-01	8.3	1.3	5.5	218.2	190.9	27.3	13.8	13.5	C	65	35	TE	NA	ľ	Y	Y			62 <u>.</u>		TILL	
920-02	7.8	0.7	7.1	282.4	253.3	15.1	14.0	5.1	0	- 65	35	0	NA	U	Y	Ť			53B		TILL	
926-03	5.5	0.8	7.7	302.2	257.1	45.1	20.9	22.2	C	60	40	Ü	NΑ	Ü	¥	Y	7		838		TILL	
350-0 +	6.5	0.5	5. 0	192.1	167.5	22.6	11.3	11.3	0	80	20	C	NA	U	Y	Y	Ÿ.		65		TILL	
929-05	3.0	1.1	5.9	248.3	219.5	23.8	14.2	14.6	C	70	Jû	0	NA	ű	Υ	Y	¥ :		68		TILL	
722-01 953-03	7.0	0.6	ć.4	251.9	237.5		12.5	11.9	2	60	40	0	NA	ٺا	· Y	Y	Ÿ		83		TILL	
722-02	7.8	0.6	7.2	285.8		31.7			C		30	_		U	Y.			38			TILL	
723-01	3.0	0.1	2.7	100.5	91.8	3.7	5.5	2.9		100	0	0	NA	U,	¥	Y		en 			TILL	
974-01	8.2	1.0	7.2	278.5		31.9				50	40	0	N	U	V		Y		ē:		TILL	
724-02 924-63	3.4	0.7	7.7	215.6		25.4		12.1	C	70	30	0	NA	U	¥ ·		Y		<u> </u>		TILL	
924-03	3.4	0.3	3.1	133.8	122.9		5.2	5.7	ć	5 0	40	0	NA	9	, , Y	Y	Y		<u> 24</u>		TILL	
925-01	5.9	2.2	3.7	218.0	207,7	8.3	4.2	4.1	5	60	40	TR	NΑ	U	Y	Y	Y		53		TILL	
92á-01	5.0	0.7	5.3	207.8	188.5		11.2	10.1	0	70	30	0	NA	U	Y	Y	V		93		TILL	
926A-01	8.8 5.4	1.0	7.8	414.9	381.2		16.7	10.5		70	30	Ú	NA	U	y		Y		EB		TILL	
925A-01	5.4	1.2	7.2	116.6		30.0	15.3	14.7		60 70	40	0	NA	ų.	Y	Y	Υ (6 3		TILL	
926A-03		0.6	3.0	147.8	134.5		7.9	7.4	0	70	30	0	NA	U	Ý	Y	Y		65		TILL	
927-01 927-02	5.0 9.0	1.7	6.3 7.8	237.4		32.1		16.7	0	55	35	Û	NA	Ü	Y	Y	у (E3		TIL!	
929-01	7.9	0.9	7.0	152.2	113.1			19.5		75 /=	25	() A	NA	IJ	Ä	Y	Y		<u> </u>		TILL	
727-01 730-01	7.7 8.8	1.2	7.6	169.0		30.5				65 / E		Ģ A	NA	U	Ϋ́ν	· ¥			59 22		TIL	
7007V1	9.0	4 4 4	i • 🗈	258, 4	223.0	39.8	15.1	21.5	L	65	JD.	0	NA	U	γ	*	۲ ;	I	53	N	TILL	

INELIAPE.WR1

TOTAL # OF SAMPLES IN THIS REPORT = 40

OVERBURDEN DEILLING MANAGEMENT LIMITED

AMPLE	WEIGHT	KS.W	ET)		WEIGHT	(GRAMS	DRY)					SCR										A83
NO.			=====	22222			I. COM			CLAS	ST.				MATE	RIX					=====	
	TABLE	+10	TABLE	TABLE	M.I.	CONC.	NON		SIZE		6 ₇			S/U				CGL	OR	OR		
	SFLIT	CHIFS	FEED	CONC	LIGHTS	TOTAL	MA6	MAG	,	V/S		LS	0T					SD	£Y	===		
		_												-								
9470		6. 7	, i ·	133.5	111.8	21.7	10.7	11.0	С	60	40	TR	NA	IJ	Y	Y	¥	65	GĐ	3.1	TILL	
913-00		0.7	6.6° 5.5	154.3	142.8	21.5	10.5	11.0	0	65	35	5	NA	U	¥	y	Ÿ	55		N	TILL	
913-0		0.5		119.7	98.7	21.0	16.8	10.2	0	85	:5	0	NA	Ü	Ý	¥	ý	63		N	TILL	
913-10		0.8	6.3 5.9	143.1	112.8	30.3	15.6	14.7	2	60	40	TR	NA NA	U	γ	Ý	Ý	63		N	TILL	
914-0		1.0 0.2	2.1	103.1	92.3	10.8	5.7	4.9	۵	70	30	TR	NA	U	Ϋ́	ý	Ÿ	65	68	N	TILL	
915-0		0.7	7.6	130.1	147.7	32.4	15.6	15.8	0	55	35	TR	NA	U	ÿ	Ý	Ý	68		H	TILL	
716-0.			7.4	153.0	134.9	25.1	14.2	13.9	2	80	20	TR	NA	U	Ý	Ý	Ÿ	GB	G3	1	TILL	
916-0		0.8	7.2	134.3	111.7		12.0	10.5	0	78	1	0	NA	U	γ	Y	γ	98		ž.	TILL	
716-0		0.7	7.2 3.5	98.4	8à.7		á.3	5.4	C	98	2	į.	NA	U	ý	Ý	Ý	69	55	N	TILL	
916-0		0.5 1.5	7.4	160.2	128.1	32.1	15.8	16.3		70	30	TE	NA	b	,	v	Ý	69		N	TILL	
917-0				160.7	132.5		13.5	14.7	C	70	30	NA	NA	U	v	¥	ý	Ē	è	N	TILL	
717-0		1.3	5.6		104.6	33.7	16.2	17.7	C	60	40	TR	NA	U	Ý	Ý	Ý.	9	В	N	TILL	
918-0		0.7	7.7	138.5			13.4	24.2	5	50	40	TR	NA	U	Ý	Ý	Ý	38	68		TILL	
918-0		0.7	7.8	155.7	112.9		14.3		0	70	30	0	147 134	U	Ϋ́	Y	Ÿ	35 35		H	TILL	
918-0		0.7	8.0	155.3	134.9	30.4		16.1	C.	70	36		GCL	Ü	Ϋ́	Ÿ	Ÿ	63			TILL	
918-0		0.5	6.5	133.5	109.5	24.0	12.7	11.3	_	70 90	10		SCL.	U	Ϋ́	Ÿ	Y	95		h	TILL	
918-0		G.7	8.0	155.7	142.4	24.3	12.1	12.2	C	95	5		BCL	U	y.	¥	γ.	GE	53		TILL	
718-0		0.3	7.0	195.8	164.2	21.6	9.8	11.8	0	75 75	5			8	Ϋ́	Ϋ́	Y	65 65		H	TILL	
918−0		0.7	5.9	150.2	123.5		14.5	12.8		4S	35	13	NA	U	Ý	Y	¥	65			Till	
919-0		0.8	5.9	219.2	192.4	26.8	14.0		C					U	y	Ϋ́	Y	- 65 - 65		N.	TILL	
917-0		0.9	7.2	251.4	223.6		13.9	13.9	0	65	35	0	NA MA	_					65		TILL	
720-0		1.3	5.5	218.2	190.9	27.3	15.8	15.5	C	65 75	35	TF	NA NA	U	Υ	Ϋ́	Y	5 <u>E</u>	83B			
920-0		0.7	7.1	282.4	263.3		14.0	5.1	0	6 5	35	0.	- NA	U	¥	- ¥				N	TILL	
720-0		0.5	7.7	302.2	259.1	43.1	20.9	22.2	C	60 00	40	0	NA	b iii	¥	¥	Y		965	, N	Till	
920-0		0.5	ê.û	192.1	169.5			11.3	0	S0 → ^	20	C	NA NA	U	¥	Y		65 	65	N N	TILL	
920-0		1.1	- 5.7	248.3	219.5		14.2	14.5	C	70	30	0		11	Ϋ́ν	¥		33 25	65 CD		TILL	
922-0		0.6	6.4	251.9	237.5			11.9		60	40	0	NA		Ų	Y	Y		63 53	No.	TILL	
922-0		0.6	7.2	285.8		31.7		15.3			30	0	1 40 1	li.	Y			∂B Gki	6B	• •	TILL	
	1 3.0		2.9	100.5		8.7				100			NA			V					TILL	
	1 8.2	1.0		278.5		31.9				60 70			NA		Y				65		TILL	
	2 8.4		7.7	218.6		25.4					30		NA		Y V						TILL	
924-0			3.1	:33.6		10.9							NA NA		Y				25 55		TILL	
925-0			3.7	218.0									NA		Y			,	63		TILL	
	1 5.0		5.3	209.8		21.3					30		NA		Y						TILL	
925A-0		1.0	7.3	414.9		33.7					30		NA		À				65		TILL	
926A-0		1.2	7.2	115.6		-30.0							NA		Ą				65		TILL	
925A=0		0.6	3.0	147.8		15.3		7,4		70			NA		Y				95		TILL	
927-0			6.3	237.4		32.1							NA		Y						TILL	
927-0			7.8	152.2		39.1							NA		Y						TILL	
929-0			7.0			30.6							NA NA		Y						TILL	
750-0	1 8.8	1.2	/.5	265,4	223.6	37.8	15.1	21.5	L	55	ು	0	NΑ	U	Y	Ý	Y	<u>ن</u> ۍ .	6d	H	TILL	

INELIAPR.WR1
TOTAL # OF SAMPLES IN THIS REPORT = 40

SAME	E	WEIGHT		-		WEIGHT								PTI(ASS
NE).				121744			I. COM	IC .		CLAS	T				MATE	IX						
				TABLE		M.I.	CONC.	NON		517		7,				SD			COLO	JR	OR		
		SPLIT	CHIFS	FEED	CONC	LIGHTS	TOTAL	MAG	MAG		V/S								SD -	CY	===		
				-		7								_						_			
	34900		. .	, , , ,	177 =	444.5	04.7	10.7	11. ^		4.0	AS	TD	NA		Y	v	¥	66	GE.	31	TILL	
	(3-08 (3-08	7.5	0.7 7 =	5.6	133.5 154.3		21.7				60 65		0		U	Y	-	٧		58		TILL	
	(3-94 (4-11)	o.∛ • •	(5	5.9	119.7			10.B		0	85	15	0	NA	_	Ý		y	5B	GE		TILL	
	[3-19]	7.1	0.5	5.3 5.9	143.1	112.8		15.6		-	60 60		TR	NA.	-	Ý	•	Ý	GB	GB		TILL	
	14-01 15-01	6.9 2.3	0.2	2.1	103.1	92.3	10.8	5.9		0	70	30	TR	NA		Ý		Y	63	62		TILL	
	10-01	S.3	3.7	7.6	180.1	147.7			15.8	2	55	35	TR			Ÿ	•	Ŷ	68	63		TILL	
	10-01 15-11	5.2	0.3	7.4	163.0	134.9	25.1	14.2		-	80	20	TR	ΝA		Ý		Ÿ	68	68		TILL	
	16-03	7,9	0.7	7.2	134.3	111.7		12.0	10.6	2	78	2	0	NA		Ÿ		Ÿ	65	58		TILL	
	id-04	4.1	0.5	3.6	78.4	86.7	11.7	6.3	5.4	0	98	2	0	Ter.		Ý		Ý	35	92		TILL	
	17-01	7,0	1.5	7.4	160.2	126.1		15.8	16.3	Ē	70	30	TE	NΑ		Ý		¥	38	63		TILL	
	17-02	7,5	1.3	5.6	160.7	132.5		13.5		_	70	30	MA	NA		Ÿ		Ý	8	B		TILL	
	18-01	S.6	0.7	7.7	138.5	104.6			17.7	Ē	60	40	TR			Y	γ	¥	В	В	Ą	TILL	
	18-02	8,5	9.7	7.8	155.7	112.9		18.6		C	50	40	Th	NA		γ	γ	¥	GB	GB	N	TILL	
	:5-:3	€.7	0.7	3.0	165.3	134.9		14.3		£	70	30		NA	U	γ	γ	Y	GB	E	N	TILL	
	15-04	7.0	0.5	5.5	133.5	109.5		12.7		C	70	30		SCL	Ü	Υ	¥	Y	63	63	N	TILL	
	19-05	5,3	0.7	ε.0	155.7		24.3				70	10		SCL	U	γ	Y	Y	₿B	68	N	TILL	
	18-05	7.5	0.8	7.0	135.8		21.6		11.8		95	5	0	BCL.	U	Y	Y	γ	GB	GB	N	TILL	
	18-07	7.5	0.7	6.9	150.2		26.7				95	5	TR	SCL	Ü	Y	Y	Y	GB	52	Ŋ	TILL	
	15-01	5.7	0.E	5.9	219.2			14.0		C	6 5	35	18	NA	Ü	Y	γ	¥	65	33	H	TILL	
7	19-01	₹.1	Ç. 7	7.2	251.4	223.6	27.8	13.9	13.9	C	65	35	0	NΑ	U	Y	Y	Υ	GB	98		TILL	
7.	1:-:1	5.3	1.3	5.5	218.2	190.9	27.3	13.8	13.5	Ĉ	£ 5	35	TF	NA.	U	Y	γ	Y	GB	GE	14	TILL	
	20-02	7.8	6.7	7.1	282.4	253.3	19.1	14.0	5.1	8	55	35	0	WA	U	¥	γ	Y	6 6	5 3 B	N	TILL	
ę,	20-03	8.5	0.3	7.7	302.2	257.1	45.1	20.9	22.2	C	60	40	Û	MA	Ü	Y	Υ	¥	66	665	\$1 14	TILL	
9.	20-14	6.5	ံ. င	6.0	192.1	167.5	22.6	11.3	11.3	Ç	80	- 20	Ü	NA	U,	¥	Y	Y	65	GB	14	TILL	
¢:	20-05	5.0	1.1	5.7	246.3	219.5	25.8	14.2	14.6	C	70	30	Ō	NΑ	U	Y	γ	¥	55	63	N	TILL	
7.	22-01	7.0	0.5	£.4	251.9		24.4				50	40	- 0	NA	Ü	Ý		Y		63		TILL	
7	22-01	7.8	0.6	7.2	285.8	254.1	31.7	16.4	15.3	٤	70	30	0	NA	Ü	Y		¥		63		TILL	
÷	II-01	3.0	0.1	2.9	100.5		8.7				100	0		NA		À			3N			TILL	
	<u> </u>		1.0	7.2	278.5		31.9					40		NΑ		Y			GE			TILL	
]4-01			7.7	218.6		25.4					20		MA		Š			65			TILL	
	24-03			3.1	133.8		10.9		5.7		ಕಿಳ			NΑ		Y			GN			TILL	
	25-01			3.7	218.0	209.7						40		NA		Y			GN			TILL	
	26-01			5.3	209.8		21.3					30		NA		Y			63			TILL	
	5A−0:			7.8	414.9		33.7					30		NA		Y			GB			TILL	
	2A-11		1.2	7.2	115.6		30.0					40		Noi		Y			65			TILL	
	o⊬-∵			3.0	147.8		15.3					30		NA		Y			58			TILL	
	27-01		1.7	5.3	237.4		32.1				ఎ వే			NA		Y			6B			TILL	
	27-02			7.8	152.2		39.1				75			NA		Y			9Y 20			TILL	
	25-01				169.0	138.4						35		NA NA		Y			GB			7111 7711	
7	(;(-);	3.3	1.1	7.5	258.4	243.5	39.8	13.2	21.5	Ĺ	50	35	Ü	RΗ	U	Y	Y	ĭ	3B	כם	N	TILL	

INBLZAPR.WR1

CVERBURDEN SPILLING MANAGEMENT LIMITED

TOTAL # OF SAMPLES IN THIS REPORT =

SAMPLE	WEIGHT	(KG.W	ET)		WEIGHT	(GRAMS	DRY)				DE	328	IFTI	IN							CLASS
NO.			=====				I. COM			CLA					MAT	RIX					
	TABLE	+10 CHIPS	TABLE	TABLE CONC	M.I. LIGHTS	CONC.	NON MAG	MAG	317	Œ	%				SD			COL		OR	
	OLLI	CDIFS	CEEN	CUNC	LIBRIS	ICIAL	rimo	nac		V/S		LS						SD	EY		
54900)		, ,																		
933-01	8.8	1.3	7.5	156.1	145.3	20.8	11.0	9.9	С	60	40	0	NA	U	Υ	¥	Y	38	GB.	N	TILL
902-01	5.9	0.5	5.4	227.8	200.8	27.0	12.8	14.2	ε	50	40	Û	NA	ij	Y	γ	Y	68	63	N	TILL
933-01	6.5	1.0	5.5	220.6	202.1	18.5	~9.0	9.3	C	- 70	30	Ů.	NA	U	Y	Υ	¥	38	GE:	N	TILL
933-02	9.1	1.3	7.8	154.0	122.4	31.5	14.9	16.7	C	65	35	0	NA	U	Y	Y	Y	99	95	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	Ü	Y	Y	¥	GB	33		TILL
934 - 01		0.8	3.9	211.3	200.1	11.2	5.1	5.1	୍ପ	60	40	G	NA	U	¥	V	Y	68	63		TILL
935-03	8.4	1.7	4.5	243.5	208.5	35.1	14.8	20.3	C	80	20	0	NA	U	Y	Υ	¥	38	ΕE	N.	TILL
936-01	9.0	1.7	7.3	299.2	254.2	35.0	15.1	18.9	C	70	30	G	NΑ	U	Y	Y	¥	Ē	55	N	ŢĬĻĻ
936-02		1.3	7.3	217.1	187.0	30.1	14.0	15.1	E	70	30	0	NA	U	Å	Y	Y	3	Ē	Ħ	Ť:LL
937-01		0.7	8.5	238.9	203.8		15.9	19.2	C	70	30	0	NA	U	Y	Y	Y	£	53	H	TILL
937-02		0.7	7.0	158.5	143.3	25.3	10.6	14.7	C	20	70	0	NA	U	Ÿ	Y	Y	SE	EB :	Ň	TILL
938-01		2.0	6.9	307.3	273.3	34.0	17.1	16.9	С	70	30	Q	NA	U	Y	Y	Y	28	53	N	TILL
933-02		1.3	6.4	245.8	214.1	31.7	15.3	10.4	2	75	5	0	MA	U	Y	Υ	Y	3	Ē	N	TILL
73 7- 01		1.5	7.5	192.3	155.0	37.3	17.7	19.6	ε	50	50	Ç	NA	U	Y	Y	Y	5	F	N	TILL
939-02	**	2.1	5.5	211.7	174.0	37.7	17.6	20.1	С	50	40	Û.	NA	U	γ	Y	y.	ā	Ē		TILL
939-03		0.7	7.0	267.8	231.2	30.6	15.3	20.3	ũ	60	40	0	NA	U	Y	Y	Y	3	F		TILL
9 39- 04		0.9	7.7	246.5	207.7	38.8	17.9	20.9	С	. 60	40	Q	NA	U	Y	Ì	Y	3	В		77.11
939-05		1.1	7.7	275.2	235.0	37.2	12.4	17.8	C	70	30	0	N4		Y	Y	Ÿ	Ē	5		7:11
737-06		0.9	7.2	264.7	231.0	33.7	15.7	18.0	Ξ	6 0	40	Ċ	NA	Ü	Y	¥	Ÿ	-	5		7.11
907-07		0.9	7.4	231.3	193.5	32.9	15.9	16.9	ū	60	40	0	NA	L.	¥	Y	Y	3	Ξ		TILL
439-08		0.4	5.4	210.8	185.0	24.8	12.5	12.3	Q	6 0	40	0	NA	U	¥	¥	¥	3	E		Time
939-09		1.2	7.3	277.1		.35.8	13.3	19.5	Ę.	50	40	0	1.4	U	Y	¥	¥	5	F		TILL
939-10		1.3	7.7	263.5	229.1	74.4	15.5	17.9	5	50	40	0	MA	IJ	Y	¥	4	5	9		734
932-11		୍. ଓ	8.4	135.7	106.9	25.8	12.6	15.2	C	5 0	4:)	0	NA	U	Y	Y	¥	2	Ē		711
939-10		1.2	E.1	219.2	188.5	30.7	13.0	17.7	0	70	30	0	NA NA	Ŀ	Y	Y		<u> </u>	Ξ		
939-13		1.6	7.8	173.9	149.1	24.8	10.5	14.3	C C	70	30	0	MA	U	Y	Y	Y	В	Б		TILL
939-14		0.9	6.2	138.2	150.5	21.6	9.3	12.3	0	50	50	0	NΑ	Ü	Ť			63	Ē		TILL
979-13		1.4	8.0	213.2		25.0							A			٧			5		771
939-16		0.5	5.2	159.5		15.4					40		NA			Y			1 40		
97 0 -17		1.4	8.5	181.5		24.1					40		NA						Ē		TILL
939-18		1.0	6.9	131.9	109.7		11.2				0		ELC					34			TILL
039 - 19		1.7	6.4	215.3		32.8				80			ELC			γ			GB .		TILL .
909-20		0.7	5.5	125.5		17.9					Ú		GLS					GY			TIL
90 9- 21	7.6	0.7	5.7	91.3	25.1	23.2	15.0	10.2	U	90	10	Ü	NA	U	Ÿ	Y	Y	5 Y	ΘŸ	N	TILL

INBLZAFR.WR1

TOTAL # OF SAMPLES IN THIS REPORT =

OVERBURDEN DRILLING MANAGEMENT LIMITED

SAMPLE	WEISHT	()适.翼	ET)		WEIGHT	(GRAMS							IFTI									AS3	
NO.		======	=====	======================================			I. COM			CLAS	ST T				MAT	RIX							
			TABLE	TABLE		CONC.	NON MAG	MAG	SIZ		7.				SD			COL		GR			
	SPLII	CHIPS	teel'	CONC	LIGHTS	ICIAL	מאמ	MHC		V/S		LS							ĘŸ				
54900			, ,	***************************************																			
953-01	8.9	1.3	7.5	156.1	145.3	20.8	11.0	0.2	С	50	40	0	NA	U	Y	Y	Y	38	55	H	TILL		
732-02	5.9	6.5	5.4	227.8	200.8	27.0	12.8	14.2	C	50	40	Ü	NA	IJ	Y	Y	Υ	6Đ	63	12	TILL		
933-01	6.5	1.0	5.5	220.6	202.1	12.5	9.0	9.5	C	70	30	¢	NΑ	U	Y	¥	Y	33	EE		TELL		
933-02	5.1	1.3	7.8	154.0	122.4	31.5	14.9	16.7	0	.65	35	0	NA	U	Υ	γ	Y	25	52		TILL		
933-03	6.5	0.9	5.7	227.9	206.0	21.9	11.0	10.9	С	65	35	Ō	NA	U	Y	Ÿ	Υ.	63	63	H	TILL		
934-01	4.7	0.8	3.9	211.3	200.1	11.2	5.1	5.1	C	40	40	Ģ	NA	U	Y	Y	γ	GB	68	1	T.LL		
c75-01	8.4	1.9	5.5	24316	203.5	35.1	14.8	20.3	3	80	20	0	NA	U	γ	Y	Y	€B	35	N	TILL		
904-01	9.0	1.7	7.3	289.2	254.2	35.0	16.1	19.9	C	70	20	0	ΝÁ	Ľ	Y	Y	Y	3	53	ñ	TILL		
736-02	9.1	1.3	7.3	217.1	187.0	30.1	14.0	16.1	Ε	70	30	0	NA	U	Y	Y	Υ	3	Ē	Ħ	TILL		
937-01	9.2	0.7	8.5	238.7	203.9	35.1	15.9	19.2		70	20	0	NA	IJ	Y	¥	Y	3	5₿	H	TILL		
937-02	7.7	0.7	7.0	158.5	143.3	25.3	10.6	14.7	C	20	70	0	NA	U	Y	Y	Y	GB	53	11	TILL		
939-01	8.9	2.0	6.9	307.3	273.3	34.0	17.1	16.9	С	70	30	0	NA	U	Υ	Y	Y	∃3	33	8	TILL		
938-02	7.7	1.3	6.4	245.8	214.1	31.7	18.3	10.4	Ç	95	5	Ò	NA	U	Y	Y	Y	3	=		TILL		
939-01	9.0	1.5	7.5	192.3	135.0	37.3	17.7	17.6	C	50	50	()	NA	U	Υ	Y		3	3		TILL		
939-02	کچ3	2.1	6.5	211.7	174.0	37.7	17.6	20.1	C	60	40	Ú.	NA	U	Y	Y	Y	5	3	H	TILL		
939403	7.7	6.7	7.0	267.3	231.2	35.6	15.3	20.3	C	60	40	0	NA	U	γ	Y	Y	3	8	N	TILL		
938-04	8.5	0.9	7.7	246.5	207.7	38.8	17.9	20.9	C	60	40	0	MA	U	Υ.	Y	Y	3	3	12	TILL		
939 - (5	5.0	.1.1	7.7	276.Z	209.0	37.2	17.4	17.8	C	70	30	G	N 4	Ц	Υ	Y	Y	3	3	N	7:11		
739-06	5.1	0.9	7.2	264.7	231.0	33.7	15.7	18.0	C	э0	40	C	NA	U	Υ	Y	¥	ř	5	1	TILL		
417-07	3.3	0.9	7.4	231.3	193.5		15.9	16.9	C	60	40	0	NA	Ľ	Υ	Y	¥	3	Ē	- 1#	TILL		
939-68	5.8	0.4	5.4	210.8	185.0		12.5	12.3	C	60	40	0	NA	U	Y	¥	γ	Ξ	5	1	TILL		
979-09	5.5	1.2	7.3	277.1	240.3	75.8	12,3	13.5	C	ಕ೦	40	Q	HΔ	U	·Y	Y	Y	Ē	5	¥.			
939-10	9.0	1.3	7.7	263.5	229.1	34.4	15.5	17.9	S	50	40	0	NA	U	Y	Y	Y	3	Ē.	4	T		
939-11	9.2	0.8	8.4	135.7	106.9	23.8	12.6	16.2	С	60	40	Û	NΑ	U	Y	Υ	¥	9	5	3	Till		
939-12	5.3	1.2	E.1	219.2	188.5	30.7	13.0	17.7	C	70	30	Ō.	NA	U	Υ	Y	٧	59	Ξ	N	TILL		
507-13	9.4	1.6	7.8	173.9	149.1					70	30	0	7,3	U	Y,	Y	Y	В	Б	ĸ	TILL		
939-14	7.1	0.9	6.2	188.2							50		NΑ				Y	99	3		TILL		
F39-15	5.4	1,4	8.0	213.2																	7		
909-16	5.8	0.5	5.1	159.6																			
ege-17	9.9	1.4	8.5		157.5																THE		
739-18	7.9	1.0	6.9		109.7								8LC						57		TILL		
939-19	8.1	1.7	6.4		194.0											Ý	¥	33	53	養	TILL		
939-20		0.9			108.6														Bit		TILL		
737- 21	7.6	0.7	5.9	91.3	63.1	23.2	13.0	15.2	Ε	90	10	0	NA	U	Ÿ	Y	Y	5Y	ΕV	N	TILL		

INBLIZAPR.WR1

OVERBURDEN DRILLING MANAGEMENT LIMITED

TOTAL # OF SAMPLES IN THIS REPORT = 34

EAMPLE	WEISHT	(K5.#	ET)		WEISHT	(BRAMS	DRY)				DE	303.	(PTI)N							CLASS
NO.				======	=====		I. COM			CLAS						RIX					
	TABLE		TABLE	TABLE	M.I.	CONC.	NON		SIZ		7.			S/U				CCL		OR	
	5PL11	CHIPS	ter#	CONC	LIGHTS	ICIAL	MAG	MAG		V/S			OT					SD	ĒΑ		
549 00)		, ,						-											.,	 .
900-01		1.3	7.5	156.1	145.3		11.0	9.2	C	£0	40	0	NA	_	Y	Y	y y	GB	GB		TILL
732-03		0.5	5.4	227.8	200.8	27.0	12.8	14.2		50 70	40	0	NA	_	Y	Ý	Ϋ́	6B	69 68	. N N	TILL
933-01		1.0	5.5	220.6	202.1	18.5	9.0	9.5	0	70	30 35	0	NA NA	U	y Y	Y Y	Y	3D 65	6B	N N	TILL
933-02		1.3	7.8	154.0	122.4	31.5	14.9	16.7 10.9	0	63 65	35	0	NA NA		Ϋ́	Ý	Y	63	GB		TILL
933-03		0.9	5.7	227.9	206.0	21.9 11.2	5.1	5.1	C	60	40	0	NA		Ÿ	y	¥	GB	88	N	TILL
- 934-01 - 675-01		0.3	3.9 5.5	211.3 243.5	200.1 208.5	35.i	14.8	20.3	D	80	20	c	NA		Ý	Ý	ý	GB	98	-	TILL
935-01 936-01		1.7	7.3	289.2	254.2		15.1	18.9	_	76	30	Ô	NA	U	ý	Y	Ý	B	GP	N	TILL
736-02		1.9	7.3	217.1	187.0	30.1	14.C	15.1	C	70	30	ő	NA		Ÿ	Ý	ÿ	3	3.		TILL
70 6 -02 707-03		0.7	8.5	238.7	203.8	35.1	15.9	19.2	-	70	30	Ô	NA	U	ÿ	ÿ	ý	В	EB	N	TILL
937-02		0.7	7.0	168.6	143.3		10.6	14.7	0	30	70	ò	NA		Ÿ	Ÿ	ý	GB	GP	M	TILL
738-01		2.0	6.9	307.3	273.3		17.1	16.9	Ē	70	20	Û	NA	_	Y	Ý	Ÿ	59	GB	N	TILL
933-02		1.3	6.4	245.8	214.1	31.7	19.3	13.4	2	75	5	0	NA	U	γ	γ	Υ	В	В	13	TILL
719-01		1.5	7.5	192.3	135.0			19.6	Ē	50	50	Q	NA	Ū	Υ	Y	Y	В	В		TILL
939-02		2.1	6.5	211.7	174.0			20.1	C	60	40	Û.	NA	U	Y	Υ	Y	Ē	8	H	TILL
939-03	•	9.7	7.0	267.8	231.2		16.3	20.3	ũ	60	40	0	NA	U	γ	Y	Y	Б	9	N	TILL
579-04		0.9	7.7	246.5	207.7		17.9	20.9	C	60	40	0	NA	U	Υ	- Y	Y	B	Ē	11	TILL
₹Ţ ₽ +05		1.1	7.9	276.2	237.0	37.2	17.4	17.8	C	79	30	Ü	NA	U	Y	Y	Y	В	B	N.	Till
737-06	8.1	1.9	7.2	254.7	231.0	33.7	15.7	15.0	C	60	40	0	NA	U,	Y	Y	¥	В	3	N	TILL
919-07	9.3	0.9	7.4	231.3	198.5	32.8	15.9	16.9	C	50	40	0	NA	Ľ	Y	Y	Y	5	2	1.2 1.4	TILL
. 939-09	5.8	0.4	5.4	210.8	186.0	24.8	12.5	12.3	C	60	40	0	NA	U	¥	¥	Y	Đ	8	N	Til
₹] 9- 09	€.5	1.2	7.3	277.1	240.3		13.3	19.5	C	80	40	()	NA	U	Y	Y	Y	В	F	- K	TILL
939-10		1.3	7.7	263.5	229.1	34.4	15.5	17.9	5	50	40	¢	NA	U	Y	Y	Ψ.	5	3	N	THE
975-13		0.8	8.4	135.7	106.9	28.8	12.6	18.2	C	ં	40	0	NA	U	¥	Y	¥	P	Ē.	N	TILL
777-12		1,2	€.1	219.2	128.5		13.0	17.7	C,	70	30	0	NA	_	Y	Y	Ý	GB.	=	N	TILL
909-10		1.6	7.8	173.9	149.1	24.8	10.5	14.3	C	70	30	C	語	_	Y	¥	Y	В	В	N	TILL
624-11		0.9	6.2	188.2	156.5	21.6	9.3	12.3	Ü	50	50	0	NΑ	_	Y	Y	Y	GE	Ē		TLL
F79-15			9.0	213.2	188.2								HA			y					T!LL
	5.5		5.2	159.6	144.2											Y					TILL
230-1			5.5	181.6	157.5											¥					Tiel
435-18		1.0	£.9	131.9		22.2										Ý					TILL
404-1:		1.7	5.4	216.8		32.8				80			SLC						68		TILL
	6.5	ુ.₹		125.5		17.9				100									57 57		TILL
439-2	7.6	4.7	5.9	91.3	55.1	23.2	15.0	15.2	Ü	40	10	U	NA	Ü	À	Y	¥	27	υY	育	TELL

INBLZAPR.WR1

TOTAL # OF SAMPLES IN THIS REPORT =

CVERBURDEN DRILLING MANAGEMENT LIMITED

AMPLE	WEIGHT	(K5.W	ET)		WEIGHT	(GRAMS	DRY)				DE	SCR.	PTI	JN							CL	ASS.
NG.						м.	I. COM			CLAS					MAT	RIX			====			
	TAPLE		TABLE	TABLE	M.I. LIGHTS	CONC.	MON MAG	MAG	SIZ	Ε	7,				SD			COL		OF		
	SPLII	CHIPS	teeu .	CUNL	LIBRIS	TO THE	1310	ins		V/2		LS	51					Sp	CY			
8 49 00			, .																			
932-01	2.3	1.3	7.5	155.1	145.3	20.8	11.0	9.8	ε	60	40	0	NΔ	U	¥	Y	Y	35	58	N	TILL	
702-02	5.9	0.5	5.4	227.8	200.8	27.0	12.8	14.2	3	50	40	0	NA.	Ù	Y	7	Y	65	ΘΞ	N	TILL	
933-0i	6.5	1.0	5.5	220.6	202.1	18.5	7.0	9.5	ε	70	30	0	NA	ü	Y	Y	Y	38	GE	N	THE	
933-02		1.3	7.8	154.0	122.4	31.5	14.9	15.7	0	55	35	0	MA	U	Y	γ	γ	6 5 .	93	N	TILL	
933-03	6.5	0.9	5.7	227.9	206.0	21.9	11.0	10.9	C	65	35	0	NA	U	Y	Y	Y	GE	EB	N	TILL	
934-01	4.7	0.8	3.9	211.3	200.1	11.2	5.1	5.1	C	60	40	0	NA	U	¥	Y	γ	GB	63	N	TILL	
935-01	2.4	1.9	5.5	243.5	208.5	35.1	14.8	20.3	ε	50	20	0	NA	Ü	γ	Y	Y	GB	SE	N	TILL	
735-01	5.0	1.7	7.3	289.2	254.2	35.0	13.1	18.9	. 0	76	30	Q	NA	U	Y	Y	Y	3	65	N	TILL	
936-02	5.1	1.3	7.3	217.1	187.0	30.1	14.0	16.1	Ĉ	70	30	0	NA	U	Y	¥	Υ	2	Ē	N	TILL	
937-01	9.2	0.7	8.5	238.7	203.9	35.1	15.9	19.2	С	70	30	0	NA	U	Y	¥	γ	5	68	N	TILL	
937-02	7.7	9.7	7.0	168.5	143.3	25.3	10.6	14.7	С	30	70	Ō	NA	U	γ	¥	Y	GB	GB	N	TILL	
938-01	8.9	2.0	6.9	307.3	273.3		17.1	16.7	2	70	30	0	NA	U	Ÿ	¥	γ	68	33	N	TILL	
933-02		1.3	5.4	245.8	214.1	31.7	15.3	13.4		95	5	ō	NA.	Ū	Y	¥	y	В	5	N	TILL	
277-01	9.0	1.5	7.5	192.3	155.0		17.7	19.6		50	50	j	NA	U	Y	Ý	Ÿ	3	B	N	TILL	
939-02		2.1	6.5	2:1.7	174.0	37.7	17.6	20.1	C	60	40	ů.	NA.	Ü	γ	Y	Ÿ	F	E	N	TILL	
626-02		6.7	7.0	267.8	231.2	35.5	16.3	20.3	_	50	40	0	NA	U	Ý	ý	ý	3	9	N	TILL	
737-04	8.5	0.9	7.7	246.5	207.7	38.3	17.9	20.9	٥	60	40	Ğ	ΝA	· U	ý	Ý	Ý	B	3	N	TILL	
:37 =04 - 93 2=05		4 4	7.9	276.2	207.0	37.2	17.4	17.8	-	79	30	٥	14	U	y .	V	v.	В	Ē	N	TILL	
		0.9	7.2	264.7	231.0		15.7	12.0		έŷ	40	Ô	NA	ij.	Ý	Ý	Y	E	Ē	N	TILL	
735-06					199.5		15.7	18.9		60 60	40	0	RA.	- 5	Ϋ́	Ý	V	8	5	· N	TILL	
909-07		(.9	7.4	231.3			12.5	12.3	3	ಕ್ಷ ಕೃ	40	6	NA NA			¥	Ÿ	Ē	<u>.</u>	11 11	TILL	
939-08		0.4	5.4	210.8	185.0 240.3		18.3	15.5	-	e. E∴	40	0	HAT.	U		Y	Ý	<u> 5</u>	±	N	TILL	
		1.2	7.3	277.1				17.9	-							¥	V.	₽ D	9		TILL	
739-10		1.7	7.7	263.5	229.1	74.4	1:.5		-	50	40	0	ारते अन	_	Y	T to		Ē	후. - 현	N N	TILL	
935-11		0.5	2.4	135.7	106.9	25.8	12.6	15.2		6		0	NA NA	9	Y	T V	¥	F .	=			
P37-12		1.1	E.1	219.2	188.5		13.0	17.7	ַ	70	30	0	NA NA	<u>U</u>	y	T	V.	63	<u> </u>	N	TILL	
939-13		1.6	7.8	173.9	149.1		10.5			70	30	0	<u>در</u> ا درا	U	Y	T st	Y	В	5	N	TILL	
939-14		9.9		188.2				12.3		50		0	14			Y	٠.	55			TILL	
· 939-15			8.0	213.2	195.2								ēΑ			V					TILL	
	5.8		5.2		144.2			2.7													TILL	
239-17					157.5													25			TILL	
≎3c-18			5.7	131.9		22.2							610						5:		TILL	
	8.1	1.7			184.0														€B		TILL	
	6.5	J. 7		125.5		17.9													37		TILL	
939-21	7.6	0.7	5.9	91.3	5 J. 1	28.2	13.0	15.3	ū	ç	10	0	经	U	À	¥.	Y	5Y	5 Y	N	TILL	

APPENDIX C

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

GOLD GRAIN SUMMARY SHEET

INBLIMAR. WR1

PAGE1

Sample No.		er of Vi		d Grains	Non-Mag Waight		ulated PP1 =======		
140.		Reshaped			Me1čur	Total		Modified	
84900									
901-01	1	0	1	0	16.7	12	0	12	
901-02	7	- 4	3	O	24.7	188	183	5	
901-03	. 2	2	0	0	10.5	78	78	ō	
901-04	0	0	0	0	7.9	0		0	
902-01	1	Ō	0	1	5.1	5	Ō.	ō	
703-01	Q	. 0	0	O	12.3	ō		Ō	
504-01	, o	Ó	0	0	13.3	0	Ō	Ů	
905-01	0	. 0	0	Ö	12.3	ō	ō	Ö	
905-02	0		0	Ó	11.2	Ó	Ō	ó	
706-01	1	0	0	Ō	16.0	63	- 63	ō	
904-02	Ō	ō	Ó	ó	5.6	0	ō	ō	-1
906-03	Ō	Ď	Ō	Ö	4.1	0		ō	
907-01	O.	Ó	Ó	Ö	19.2	ō	ò	Ů	
707-02	į.	Ō	Ō	Ö	15.6	Ŏ	Ō	ŏ	
907-03	Ġ	0	ō	ō	14.8	ō	Ů	. 0	
907-04	į.	Ö	ō	ō	19.2	Õ		Ŏ	
907-05	1	1	Ō	Ŏ	19.9	4	4	o o	
907-06	ō	Ō	0	Č	7.6	. 0	0	0	
707-07	Ó	Õ	Ô	Č	10.5	ŏ	Ċ.	Ŏ	
05-01	1	1	0	Ŏ	18.8	10	10	Ö	
908-02	3 1	1	0	· ŏ	16.3	12	12	Ō	
908-03	. 0	٥	0	ŏ	12.5	0	0	o o	
908-04	. 4	1	0	0	14.8	. 6	_	0	
908-05	1	1	0	0	15.6	 55	6 65	0	
708-06 908-06	૽	0	0	0	9.7) ()			
908-07	Ů.	0	0			•	<u>0</u>	. 0	
709-01		2	0	Q A	9.6	0	9, ,	0	4
707-01 20 7- 02		<u> </u>		0	14.7	6 23	603	Ü	
-07-01 909-02B		<u>.</u>		়	10.2	37	- 37	Ç	
707-0 <u>2</u> 6 910-01	, <u> </u>	<u>.</u>	0	1	5.7	16	12	Q	
911-01		'· -i	_	0	12.4	0	Ũ	0	
912-01	1	1 7	() 1	0	18.8	10	10	Q	
712-01 912-02		•	-	Ş	22.2	1265	121	1144	
712-02 913-01	1	1	0	e e	18.2	56	56	0.	
710TV1 017_05	4.	Ξ ,	0	<u></u>	22.9	Ō	O -	0	
913-02	-	1	0	. O	25.2	8	8	٥	;
913-03	1	0	Ģ.	1	22.1	21	Q.	0	2
913-04	1	1	0	0	19.6		77	0	(
913-05	1	0	1	٥	14.4	Z441	0	2441	
913-06	Ç.	Ċ	Ü	. 0	8.1	Ç	0	0	
913-07	Q	0 ,	0	0	12.1	0	Ů	Ç	(

GOLD GRAIN SUMMARY SHEET

INBLIMAR. WR

Sample No.		mber of Vi		3 Grains ========	Non-Mag Weight			B Visible	
		Reshaped			44-1-2110	Total		Modified	
84900	>						-		
901-01		0	1	0	16.7	12	0	12	
901-02	3	7 - 4	3	O	24.7	188	183	5	
901-03	5 2	2 2	0	0	10.5	78	78	0	
901-04	7 (0	0	0	7.9	0	0	0	
902-01		0	0	1	5.1	5	0	ó	
700-00		6'	0	ō	12.3	0		ó	
704-01			0	ó	13.3	Ô	Ö	0	
905-01) 0	Ō	ŏ	12.3	ŏ	ō	o o	
905-02			ŏ	ŏ	11.2	0	Ö	Ő	
706-01			ŏ	ó	16.0	63 63	63	0	,
906-02			Ö	o	5.6	0	0	0	
904-03			0	Ô	4.1	0	0	0	(
907-01		•	0	0	19.2				
907-02))	0		15.6	0	Q o	Ú	4
707-02 907-03				0		0.0	0	0	(
707-04 907-04			0	0	14.8	0	0	Ċ.	4
707-05 90 7- 05			0	0	19.2	0	Ō	O	į
			0	0	19.9	4	4	Ü	(
907-06		•	0	0	7.6	Q.	0	Ũ	(
77-07		-	0	0	10.5	O.	O	0	1
.08-01		•	0	0	18.8	10	10	0	(
908-02			0	0	15.3	12	12	÷	1
908-03		-	0	0	12.5	0	0.	0	(
905-04			0	9	14.8	6	6	0.	(
908-05		<u> 1</u>	O	O	15.5	55	45	O	
908-05		0	0	0	9.7	0	0	¢	
908-07) 0	0	0	9.6	. 0	0	Ċ	
909-01		2	0	- O	14.7	<i>5</i> 03	603		,
909-01		1	0	0	10.2	37	37	Ö	į
909-02	9 2	1	0	1	5.7	16	12	•	2
910-01	. (0	0	0	12.4	0	0	Ö	(
711-01		1	Ō	0	18.8	10	10	Õ	Ċ
912-01		3	1	0	22.2	1265	121	1144	
912-02	1		Q	ó	18.2	56	56	0	
915-01	. (O	ō	22.9	0	0	Ü	
913-02			Ő	ŏ	25.0	8	8	٥	1.
913-00		. 0	0	1	25.2 22.1	21	O O	0	- 0
913-04			0	0	19.6		-		43
713-05			1	0	14.4	77	77	0	i
913-06			Ò	0		2441	C	T441	21 0 0 0
913-07		-	0		8.1	. 0	0	্	
/	',	, 0	Q	0	12.1	0	٥	Ç	(

GOLD GRAIN SUMMARY SHEET

INBLIMAR. WR1

Sample No.			sible Gold	d Grains	Non-Mag			8 Visible	
:40.			Modifi≘d		Weight	Total		Modified	*
84900									
901-01	1	O	1	0	16.7	12	0	12	0
901-02	7	- 4	3	o ·	24.7	188	183	5	o o
901-03	2	2	. 0	0	10.5	78	78	0	Ŏ,
901-04	0	0	0	o	7.9	0		Ó	0
902-01	1	0	0	1	5.1	5	Ŏ	Ő	5
903-01	0	. 6	0		12.3	Ō	Ô	Ó	Õ
904-01	O	Ō	Ó	Ó	13.3	o o	Ŏ	Ŏ	Ö
905-01	0	9	Ō	Ō	12.3	Ó	ŏ	0	0
905-02	0	,o	. 0	ō	11.2	o	Ö	0	0
906-01	1	-1	o.	ō	16.0	63	53	0	0
906-02	O	Ō	Ó	. 0	5.6	0	0	0	0
904-03	0	0	· Ç	0	4.1	ó	0	0	-0
907-01	Q	0	Ġ	Õ	19.2	Ö	0	0	0
907-02	0	0	Ô	ő	15.6	Ŏ	0	0	0
907-03	0	ō	ō	0	14.8	0	Ü	0	_
907-04	0	Ō	Ŏ	ő	19.2	ŏ	Ō	0	0
90 7-05	1	1	Ö	Ů,	19.5	4	4	0	· ()
907-06	ō	ō	Õ	. 0	7.6	. 0	0		0
707-07	ō	ō	Ŏ	. 0	10.5	0	10	0	0
<i>.</i> 908−01	1	1	Ö	u ő	18.8	10	10		Ģ
908-02	/ 1	1	Ō	Q.	16.3	12		0	়
908-03	Ġ	•	0	• · · · · · · · · · · · · · · · · · · ·	12.5	0	12	0	Ċ.
908-04	1	1	Ó	e e	14.8		0	0	O.
908-05	1	1	0	0		6	5	Û	Q.
908-06	Ô	0	0	9	15.6	<u> </u>	65	0.	Ú
908-07	0	ő	0	ý Ú	9.7	0	0	Q.	0
909-01	2	2	Ů		9.6	0	0	С	0
90 9- 02	1	1	0	0	14.7	<u> </u>	<u> 603</u>	2	Ç
909-02B		4	0	্	10.2	37	<u>-7</u>	0	୍ର
910-01		Ò	0	1	5.7	16	12	0	4
P11-01	1	4	Û		12.4	0	Ů.	O	(]:
912-01	4	3		ু	18.8	10	10	0	0
912-02			1	, 5		1265	121	1144	0
913-01	Ö	i 0	0	0.0	18.2	ప్ర	56	. 0	0.
913-02	1	. 1	. O	ó	22.7	0	O	0	Ō
913-03	± 	0	. O	Ç	25.2	8	8	C	0
913-04	i	1		1	22.1	21	Q.	Q	21
913-05	1	O	0	0	19.6	77	77	O	Û
913-05 913-06	0	O C	1	Ç	14.4	2441	្	2441	0
913-06 913-07	0		Ó	0	8.1	Q	0	្	Ç
713-07	O	Ų.	Ō	0	12.1	Q	0	0	Q.

GOLD GRAIN SUMMARY SHEET

INBLIMAR. WR1

Sample No.			sible Gold		Non-Mag	Calc		B Visible	
140.			Modified		Weight	Total		Modified	
84900					·				
901-01	1	0	1	0	16.7	12	0	12	C
901-02	7	- 4	3	o	24.7	189	183	5	
901-03	2	2	0	0	10.5	78	78	0	
901-04	Q	0	0	O	7.9	0	0	0	Č
702-01	4	0	. 0	1	5.1	5	0	0	5
703-01	0	· o	- 0	0	12.3	0	0	0	(
904-01	-,7	0	0	O	13.3	0	0	0	O
905-01	Q	0	Ō	0	12.3	0	0	0	
905-02	0	0	0	0	11.2	0	0	0	. 0
706-01	1	1	0	0	16.0	63	53	0	Ċ
904-02	Q	0	0	0	5.6	0	0	0	C
904-03	0	0	0	0	4.1	0	0	0	0
907-01	0	O	0	0	19.2	0	0	G	C
907-03	Ó	0	Ō	0	15.6	0	0	Ö	(
907-03	Q	Ō	0	0	14.8	0	0	0	
907-04	0	0	Q	0	19.2	0	Ö	Ō	
907-05	1	1	0	0	19.9	4	4	Ú	C
907-06	0	. O	0	Ċ	7.6	0	0	0	C
307-07	0	O	0	0	10.5	0	O	O	C
-303-01	1	1	0	0	18.8	10	10	0	
908-02	3 i	1	0	0	16.3	12	12	0	
908-00	()	0	0	0	12.5	0	Q	0	
908-04	1	1	0	0	14.8	6	6	0	
50-30-	1	1	0	0	15.6	55	65	0	C
905-05	Q	O	0	o	9.7	0	0	. 0	Ć.
908-07	0	0	0	O	9.6	0	0	c	Č
909-01	2	2	0	0	14.7	603	603	O.	C
909-02	1	1	Ö	0	10.2	37	27	Ċ	(
909-025	3 2	1	0	1 .	5.7	16	12	Ó	4
910-01	0	0	0	0 .	12.4	O	Ü	0	C.
911-01	1	1	0	0	18.8	10	10	0	Û
912-01	4	3	1	0	22.2	1265	121	1144	(
912-02	1	1	0	0	18.2	56	56	0	. 0
913-01	0	Ō	0	0	22.9	O	0	Q	C
913-02	1	1	0	0	25.2	8	8	0	0
913-00	1	0	. 0	1	22.1	21	0	Ō	21
9.3-64	*	1	O	0	19.6	77	77	Ō	Ŭ
c13-05	1	0	1	0	14.4	2441	C	2441	Ō
=13-05	\circ	C	0	0	8.1	0	0	O	Ġ
913-07	. 0	0	Ò	0	12.1	0	Ö	Š	Č

GOLD GRAIN SUMMARY SHEET

WELIAPR. WR1

Sample No.			sible Gold	d Grains =======	Non-Mag Weight =		ulated FF:		Gold
			Modified		- weidur	Total		Modified	
54900		r.							
913-08	0	- Q	0	О	10.7	0	0	0	
913-09	0	. 0	. 0	0	10.5	ं	0	0	
913-10	0	0	0	O.	10.8	Q	0	0	(
914-01	. 2	0	- 2	0	15.6	<i>5</i> 8	O	58	
715-01	0	0.	0	0	5.9	0	0	0	(
715-01	. 0	0	0	0	16.6	0	Q	0	
716-02	o e	0 -	0	0	14.2	0	. 0	0	(
916-03	0	0	0	0	12.0	0	0	0	(
716-04	0	0.5	0	0	6.3	0	0	0	(
917-01	0	0	0	0	15.8	0	0	O	
717-02	0	O	0	0	13.5	Ō	Ō	0	(
718-01	0	٥	0	O	16.2	0	0	Ô	(
18-02	0	Q	0	0	19.6	0	0	٥	(
719-03	4	4	0	Ó	14.3	315	315	ė	
718-04	3	1	1	1	12.7	217	187	15	15
718-05	5	3	2	Ō	12.1	563	123	£40	
718-05	. 2	1	1	o ·	9.8	106	103	2	(
3-07		· O	Ō	Ċ	14.5	0	0	• •	(
./⊐-01	0	0	Ó	ō	14.0	ō	ð	Ö	(
719-02	,C:	0	0	0	13.9	Ō	Õ	0	(
720-01	. 0	0	0	Ö	13.8	Ō	o i	Õ	Ó
920-02	0	O	0	ō	14.0	Ö	Ŏ	Ŏ	. (
20-03	2		Ō	ō	20.9	230	230	ŏ	Ċ
720-04		2 2	0	- 0	11.3	515	515	0	(
20-05	1	1	ō	ō	14.2	74	74	0	ò
222-01	2	2	0	Õ	12.5	774	974	0	(
22-02	1	1	ō	Ġ	16.4	145	145	O O	Č
710-01	0	ं	c	0	5.8	0	0 1	Ö	
24-01	0	Ó	ò	ő	15.5	Ŏ.	ō	Ö	, c
24-02	•	Q	0	ŏ	14.3	ő	ő	0	
24-03	0	G	o	ó	5.2	Õ	ő	0	ò
725-01	0	0	ō	ŏ	4.2	- 0	0	.0	
25-01	0	Ó	0	ŏ	11.2	ĵ.	0	0	
258-0		0	Ō	Ó	16.9	Ö	- 0	0	,
26A-0	o o	0	0	Ö	15.3	ŏ	0	0	0
26A-0	Ō	o	0	Ō	7.9	0	. 0	0	- 0
27-01	ō	Ô	Ö	ő	15.4	ŏ	0	0	0
27-02	o	Ô	O	Ç	19.6	o	0	0	0
29-01	Ó	ŏ	ŏ	ò	15.7	o	0	<u>0</u>	
Z0-01	0	Ô	ŏ	Ö	18.2	0	0	0	0

0.0 = <0.1.

GOLD GRAIN SUMMARY SHEET

.NBL1APR.WR1

Sample No.			isible Gol		Non-Mag === Weight	Calc		B Visible	
: •••			d Modified			Total		Modified	
5 4 900									
913-08	0	- 0	0	0	10.7	0	0	. 0	(
913-09	9 0	0	- (0	10.5	0	0	0	
913-10	. 0	0.5	· (0	10.8	0	0	. 0	(
914-01	. 2	. 0	:	2 0	15.6	58	Q	58	
715-01	O.	0		0	5.9	0	0	Ō	(
916-01	. 0	0	(0 0	16.6	0	0	0	
916-02	Ů	0	C	0	14.2	0	0	0	(
916-03	0	0		0	12.0	0		Ö	(
716-04	0	0 5	! 0) 0	6.3	0	0	C	(
917-01	0	0	,	0	15.8	Ó	. 0	6	(
917-02	0	0	C	Q Q	13.5	Ō	0	Q.	(
915-01	0	0	0	0	16.2	Ö	0	Ō	(
718-02	Q	0	C		18.6	Ō	0	Ō.	(
915-03	4	4	0	_	14.3	315	315	Ö	,
715-04		1	1		12.7	217	187	15	15
718-05		3	2		12.1	563	123	440	(
918-06	2	1	1		9.8	106	103	2	Ċ
19-07		ō	Ċ		14.5	0	0	Ô	(
19-01	o o	Ŏ	ò		14.0	0	Ö	0	. 0
719-02	_	Ŏ.	Č		13.9	0	Ó	0	
720-01	0	Ö	Ŏ		13.8	Ö	Ö	0	
720-02	ō	Ō.	0		14.0	0	o	. 0	(
20-03	2	2	0		20.9	230	230		(
720-04	2	2	0		11.3	515	515	0	0
720-05	1	1	0		14.2	74		0	0
227-01	2	2	0		12.5	7 4 994		0	0
722-02	1		0		16.4		994	0	9
23-01	0	٥	0			145	. 145	Ç	Ü
24-01	Ŏ	0	0		5.8	0.	-	0	Ç
24-02	0	Ó	0		16.5	- 0	0	ý	0
24-03	0	0	0		14.3	0	0	0	. 0
25-01	0	0	0		5.2 4.2	0	0	0	Q
25-01	Q.	0	0			0	0	o ·	C
25A-0	0	0	0		11.2	o	0	0	0
26A-0	. 0	0	0		16.9	0	Q.	- 0	C
26A-0	0	0			15.3	0	Q.	Ç	0
27-01	0	- 0	. 0		7.9	Q.	0	0	0
27-01	0		0		15.4	0	. 0	O	O
27-02	0	0	0		19.6	0	0	0	0
			0		15.7	0	0	0	O
30-01	0	0	0	0	18.2	0	0	Q	0

0.0 = < 0.1

GOLD GRAIN SUMMARY SHEET

MBL1APR. WR1

Sample No.			sible Gold	organia	Non-Mag Weight			B Visible	
	Total	Reshaped	Medified	Pristine		Total	Reshaped	Modified	Pristine
E4900									
913-08	0	- 0	0	0	10.7	0	O	0	0
913-09	0	. 0	. 0	Q	10.5	٥	0	0	C
913-10	0	0	0	0	10.5	0	0	0	O
914-01	2	0	2	0	15.6	58	0	58	C
715-01		0 '	0	0	5.9	Ō	0	0	Ċ
916-01	0	0	0	O	16.6	0	0	Ó	Č
916-02	C	0	0	O	14.2	0	O	o o	0
916-03		0	O	O	12.0	0	0	o	Ċ
916-04		0.5	0	0	6.3	. 0	Q	0	o
917-01		0	Ō	0	15.2	0	Ō	Ö	Č
917-02		O	0	Q.	13.5	0	ō	Õ	O
919-01		0	O	ė	16.2	ō	Ō	. 0	Č
719-02		0	. 0	Ō	18.6	Ō	Õ	ŏ	. 0
919-03		4	0	Ò	14.3	315	315	Ö	Û
915-04		1	1	1	12.7	217	187	15	15
918-05	-	3	2	Ō	12.1	543	123	440	0
918-06		1	1	Õ	9.8	106	103	2	0
18-07		ō	ō	Ö	14.5		.0	ō	0
.7-01	0	ŏ	Č	ŏ	14.0	ŏ	0	G	0
719-02		ō	ō	ő	13.9	Ö	ō	0	0
720-01	0	ō	ő	ó	13.8	Ö	Ŷ	0	0
720-02		Ó	ő	0	14.0	ė.	o o	0	0
720-03	_		ŏ	Ö	20.2	230	230	0	
720-04		2 2	ő	0	11.3	515	515	Ų.	0
720-05	4	1	Ö	c c	14.2	74	74	•	0
722-01	2	2	0	0	12.5	974	7 + 994	0	Ç
22-02	1	1	0	o o				0	G
723-01	Ó	Ô	Č	0	15.4	115	145	C	, c
24-01	0	0	0	0	5.8	0	0	0	Ü
724-02	0	0	0	0 -	15.5	<u></u>	0	٥	0
924-03	0	0	_		14.3	· ·	0	O	¢
25-01	0	0	0	0	5.2	0	Q	0	Ç
	-	*	٥	o.	4.2	0	0	0	C
925-01 925A-0	0	Ó	0	O .	11.2	Ú.	i)	Ģ.	0
		0		0	16.9	Q	O	C)	0
0-A329	0	0	0	0	15.3	0	Ç	1	0
226A-0		0	S	Ģ.	7.9	O	O.	0	0
727-01	0	Ü	0	o ·	15.4	- 0	¢	0	0
727-02		O.	0	Ç	10.5	0	Ō.	0	· Q
27-01	0	Ü	0	0	15.7	Ö	0	0	0
730-01	0	0	0	Ü	15.2	C	0	0	O

7. = 7.1.1

GOLD GRAIN SUMMARY SHEET

NBLIAFR. WR1

Sample			sible Gol	d Grains	Non-Mag		ulated PF:		
No.		Reshaped			Weight	Total		Modified	
E4900									
913-08	0	- Q	0	.0	10.7	0	C	0	(
913-09		C.	0	0	10.5	0	0	0	
913-10		Ó	0	0	10.3	0	0	0	(
914-01		O.	2	Q ,	15.6	58	Q	59	
715-01		0.	o o	0	5.9	0	0	0	į.
915-01	O	0	0	0	16.6	Q	0	0	
916-02	0	0	0	0	14.2	0	. 0	С	1
916-03	. 0	0	. 0	O	12.0	0	0	0	
916-04	Ü	ol	0	0	6.3	0	0	0	(
917-01	0	oʻ	0	0	15.8	0	0	0	
917-02	0	O	0	Q	13.5	0	0	0	(
913-01	0	0	0	Ò	16.2	0	0	` O	
918-03	Ģ.	0	0	0	18.6	0	0	Ċ	;
919-03	4	4	0	0	14.3	315	315	. 0	
19-04	-	1	1	1	12.7	217	187	15	15
918-05		3	2	0	12.1	563	123	440	
918-06	2	1	1	0	9.8	106	103	2	
98-17	0	0	0	O	14.5	0	0	0	
19-01	Ç	0	0	O.	14.0	0	O.	C	1
719-01		Ç.	0	0	13.9	0	ð	Ü	
7[()1	Ü	0	Q	0	13.8	0	0	Q.	.(
920-01	0	O	. 0	0	14.0	0	C	0	
710-03	2		0	0	20.9	230	230	-0	
920-04	2	2 2	0	0	11.3	515	515	Ö	1
20-05	1	1	0	0	14.2	74	74	0	1++
F2I-0:	2	2	0	0	12.5	994	774	0	
101-02	1	1	Ó	O	16.4	145	145	0	
723-01	0	0	0	O	5.8	0		0	
24-01	0	O.	0	0	16.5	0	0	o	
954-02	0	O	0	Ō	14.3	Ō	Ó	0	
934-03	O	O	0	0	5.2	Ó	ō	0	(
925-01	9	0	0	0	4.2	ò	ő	o	
-15-01	O	О	O	0	11.2	ŏ	ŏ	Ŏ,	
254-0		O	0	0	16.9	Ō	Ō	0	
25A-0		0	0	0	15.3	ō	Ô	o	. (
126A-0		0	. 0	0	7.9	ò	ō	Ŏ	
27-01	Q	o	0	o	15.4	o	ŏ	Ŏ.	(
927-02		ė	0	Ō	19.6	ŏ	Ö	o o	(
729-01	O	Ō	0	o	15.7	ő	ŏ	Ó	Č
950-01	0	0	0	o	18.2	o o	Q	ő	

..0.0 = .46.1 .

GOLD GRAIN SUMMARY SHEET

.NBLZAPR.WR1

Sample No.	Numt	er of Vis	sible Gold (Brains	Non-Mag Weight		lated PP	B Visible	
	Total	Reshaped	Modified P		we1300	Total	Reshaped	Modified	Pristina
34900									
932-01	. 0	10	0	0	11.0	O	0	0	
932-02	2 0	0	0	0	12.8	Q	0	0	
733-01	. 0	0	0	0	9.0	0	O	O	(
733-02	2 0	0	0	0	14.9	Q.	O	O	
733-03	1	r'.	0	0	11.0	67	67	. 0	
934-01	0	0	C	0	5. i	0	0	0	
735-01	. O	O	0	0	14.8	0	0	O	
936-01	0	0.	0	0	16.1	0	0	0	
736-02	1	1	0	0	14.0	5	5	O	(
937-01	. 0	O	0	O	15.9	0	0	0	
737-02	2 0	0	0	0	10.6	0	0	6	
938-01	0	0	O	0	17.1	0	0	. 0	
938-02	0	O	0	0	18.3	0	o	0	
939-01	0	G	0	0	17.7	. 0	0	0	
737-02	3	0	3	0	17.6	6370	. 0	6370	
739-03	5 2	2	0	0	16.3	235	235	0	
739-04	0	0	C	O	17.9	0	0	0	
39-05	5 0	0	O.	0	19.4	0	0	0	
.ಪೆ9-06	1	0	1	0	15.7	47	Q	47	
739-07	7 -0	0	0	0	15.9	0	0	0	
939-08	0	O	0	Q	12.5	Q	Ò	O	4
739-09	9 0	O	0	0	18.3	0	Ō	0	
739-10	0	0	0	0	16.5	0	0	O.	
939-11		0	0	0	12.6	. 0	0	0	,
739-12		0	0	0	13.0	0	0	0	į
739-13	5 - 0	0	0	0	10.5	0	0	\circ	
739-14		0	Q	O	9.3	0	Q.	0	(
739-15	i o	О	0	O	11.1	Ō	0	0	,
739-16		Ģ	0	0	6.7	0	C	0	(
739-17	7 0	0	0	0	10.2	0	O	0	1
739-18		0	0	0	11.2	0	0	0	(
959-19	7 3	-3	0	0	15.2	313	313	0	
739-20		O	·O	O	9.3	Û	Q.	Ō	(
739-21	0	. C	0	0	13.0	0	O	Ō	(

1.C = 70.1

GOLD GRAIN SUMMARY SHEET

.NBLZAPR.WR1

Sample No.		er of V			Grains	Non-Mag Weight	Calcu		B Visible	
					Pristine	weight	Total		Modified	
84900		-								
932-01	Q.	10		O	0	11.0	Ů.	O	0	C
932-02		0		0	0	12.8	O	0	٥	(
933-01	. 0	- 0		Ö	· ·	5.0	0	0	O	. 0
733-02	0 9	0		0	0	14.9	0	0	C	C
933-03	1	· i'	•	0	0	11.0	67	67	. 0	C
934-01	0	0		Ģ	O	5.1	O	0	0	(
935-01	. O	0		Q	Q	14.8	0	0	0	C
936-01	0	0	1	0	O	16.1	0	0	0	
936-02	1	1	1	Ċ.	0	14.0	6	5	O.	C
937-01	0	0		O	()	15.9	Q	٥	•	(
937-02	0	0		0	0	10.6	Q.	0	C	0
735-01	0	0		0	0	17.1	O	0	10	
932-02	. 0	Q		O	0	18.3	C	Ō		0
939-01		0		0	0	17.7	.0	O	0	- 0
739-02		0		3	0	17.6	6370	0	5370	
939-03		. 2		0	0	15.3	235	235	0	C
239-04	-	0		C	0	17.9	0	O	G.	Q
TR-05		0		Q	. 0	19.4	0	0	Q	- (
√39 − 0 5	_	Ü		1	0	15.7	47	0	47	
739-07		0		0	0	15.9	0	O	O	0
939-08		0		0	Q.	12.5	O	O	O	Q
939-07		0		0	O .	18.3	0	0	្	÷
737-10		Q		0	Ġ.	15.5	0	0	9	Į.
939-11		0		0	Q.	12.6	0	0	0	C
-39-12		0		0	0	13.0	Q	0	0	0
939-13		0		()	O	10.5	G	Ç	Ç	C
739-14	-	0		Ũ	0	9.3	Û	Ç:	÷	0
939-15		0		0	0	11.1	0	Ç	G	0
739-16		0		0	C C	5.7	0	0	্	0
939-17		0		0	O	10.2	0	O	0	C
739-18		0		0	0	11.2	0	-0	0	Q
939-1 9		3		0	0	15.2	313	313	0	C
739-20		0.		O	O	9.3	÷	ō	9	0
737-21	. 0	. 0		0	0	13.0	Q	Ō	0	0

0.4 = 5.

GOLD GRAIN SUMMARY SHEET

.NBLZAPR.WR1

No. : 1 54700 932-01	Tctal	Reshaped			Weight				
			Modified	Pristine			Reshaped	Modified	Pristin
977-01								1	
	0	-0	0	0	11.0	Ō	0	0	
932-02	0	0	0	0	12.8	0	0	0	
933-01	0	0	0	0	5.0	0	0	0	
933-02	Û	• .	0	٥	14.9	Ŏ	0	C	
933-03	1	1,	0	. 0	11.0	67	67	. 0	
934-01	0	٥	G	0	5.1	0	0	0.	
935-01	0	O	0	0	14.8	0	o	G	
936-01	0	Q.	0	0	16.1	0	0	Ō	
936-02	1	1 1	0	0	14.0	6	6	o	
937-01	0	0	0	0	15.9	0	ō	Ō	
937-02	্	- Q	0	0	10.6	0	ō	Õ	
738-0i	0	0	0	Ó	17.1	0	ŏ	ŏ	
938-02	0	0	0	0	18.3	ō	ŏ	Ů	
9 39- 01	Ü	0	0	0	17.7	- 0	Ö	0	
939-02	3	0	3	O	17.6	6370	Ö	6370	
939-03	2	z z	0	Ó	15.3	235	235	0	
739-04	0	0	C	0	17.9	0	0	0	(
5-05	0	ं	0	0	19.4	Ő	Ó	0	
.59-06	1	. 0	1	o	15.7	47	ŏ	47	,
737-07	-0	0	ō	O.	15.9	0	Ő	0.	,
735-DE	0	Ó	0	ō	12.5	ŏ	0	C.	. (
739-09	0	0	Ō	0	18.3	ŏ	0	. 0	, (
739-10	0	0	0	0	16.5	0	ŏ	. 0	Č
739-11	Ú.	0	0	ò	12.6	ő	ő	0	(
939-12	0	O	0	o	13.0	ŏ	Ó	0	Ċ
939-13	0	0	o	o	10.5	0	0	0	(
73=-:4	1_	0	0	ō	9.3	0	Ö	0	
739-15	0	0	0	ō	11.1	ŏ	0	0	O
739-15	0	Ô	ó	o	5.7	ò	0	ŏ	(
939-17	0	٥	o	ó	10.2	0	0	-	0
739-18	o o	0	Ō	ó	11.2	0		0	C
79-19	3	3	- 0	Ó	15.2	313	717	0	0
39-20	ō	ŏ	ŏ	o	9.3	313	313	0	C
732-21	ő	ő	0	0	13.0	0	0	0	0

0.0 = 0.1

INBLIMAR.WR1 TOTAL # OF FANNINGS		MCC	9			NUMBER	UF E	KAINS					
SAMPLE #			7	RESHAP	ED	MODIFI	ED	PRIST	INE	TOTAL		CALC V.6	
	Y/N	DIAMETER	THICKNESS	T	P	T	F	T	P		545	PPB	REMARKS
84900			•										
901-01	N	50 X 5	50 10 C			1				_ 1			17
										1	16.65	12	
901-02	Y	25 X 2 25 X 5 50 X 5 50 X 15	0 8 C	1		2				2 2 1 1			EST. 2% PYRITE EST. 5 GRAINS ARSENOPYRITE
		100 X 12	5 25 M		1					1			
										7	24.7	188	
901-03	Ý	25 X 5								1			EST. 2% PYRITE 1 GRAIN GALENA
											10.5	78	
901-04	N A	NO -VISIBLE	eor p										
902-01	K	15 X 2	5 50					1		1			EST. 3% PYRITE 1 GRAIN ARSENDPYRITE
										1	5.1	5	
703-01	N I	O VIEIBLE	GOLI:										1 GRAIN BALENA 20 ERAINS ARSEMBYYRITE
904-01	li N	O VISIBLE	EOLD										
705-01	N N	O VISIPLE I	ECLI:										
905-02	Y N	O VIEIELE (BOLD										EST. 10% PYRITE
506 - 01	K	75.) 100	0 18 C	1						1			
				•									
										- 4	1é	63	
705-02	N N	O VISIBLE (GJLI:										
90a-03	N N	C VISIPLE (EOLI [,]										10 BRAINS ARSENDFYRITE
907-01	N N	O VISIBLE (EOLD .								,		
907-02	N N	O VISIELE 8	30LD									-	EET. 10 GFAINE ARBENOFYRIT.
907-03	NJ K	O VISIBLE (ת והב										EET. E GR. AREETOPVAITE

	INBLIMAR. TOTAL # 0		NTNGS		q			NUMBER	(UF (RAINS						
	SAMPLE #				7			MODIF	IED	PRIST	INE	TOTAL	NON	CALC V.6		
	SHIPLE #				THICKNES	===== 5 T	=== P			T			MAG GMS	ASSAY PPB	BEMARKS	
					-	٠,	ì		•		•		O. D.	LLP	REMARKS	
	84900 907-04	N	NO VI	SIBLE (SOLD					,						
	907-05	N	25	X 50	8 .	1						1				
												1	19.9	4		
	907-05	N	ND VI	SIBLE 8	SOLD !											
	907-07	ĸ	NO VI	SIBLE G	OLD											
	90E-01	t.	50	X 50	10 (1						1				
												1	15.8	10		
	908-02	N	23	X 75	10 0	1						1				
- '												1	16.3	12		
	708-03	Ň	NO VIS	NIBLE 6	OLD											
	908-04	N	. 25	X 50	8 C	1 🦣						1				
												i	14.8	6		
	908-05	N	75	X 100	18 0	1						i				
												1	15.6	45		
	909-05	N	NO VIE	IBLE GO	LD											
	903-07	N	NO VIS	TELE CO	U											
	909-01	Υ		(50 (175	5 S 78 M							1		1	ST. 12 PY O GRAINS	GALENA
												2	14.7	607 607	DUHING H	RSENOPYRITE
	909-02	k	50)	75	13.5	1						1		Ε	BI. 3% PY	NITE
											•	1	10.2	37		
٥	P09-018	ļ		25 50	5 C 8 C	1				1		1		=:	57. 1% PYF	RITE
													z.7			

INELIMAR.		ice	0			ا	NUMBER	OF B	RAINS					
		(05	7		RESHAPE	D	MODIF	ED)	PRISTINE					
ONIX CE T	Y/N	DIAMETE			Ţ	P	T	F	T P		BMS		REMARKS	
84900 901-01	N	50 X	50	- 10 C	•		1			1				
				2.						1	16.65	12	4	
901-02	Υ .			5 C 8 C 10 C 25 M 25 M	1 1 1	1	2			2 2 1 1 1			EST. 2% PYRITE EST. 5 GRAINS ARSENOPYRITE	
									,	7	24.7	188		
901-03	Y	25 X 25 X	50 100	8 C 25 M	1					1				
1											10.5	78		
901-04	N I	NO -VISIBL	E GOL	D									7	
902-01	N	25 X	25	5.0					i	1			EST. 3% PYRITE 1 GRAIN ARSENSPYRITE	
										1	5.1	5		
905-01	N i	O VISIBL	E 80L	D.									1 GRAIN GALENA 20 GRAINE ARSENOPYRITE	
904-01	N ?	NO VISIBL	E 60L	D										
905-01	N I	40 VISIEL	E 50LI	D										
P05-02	Y 1	NO VIETEL	E GOLI	D									EST. 10% PYRITE	
⁷ }a−01	K	75 X	100	19 0	1					1				
										1	16	63		
705-02	N I	LEIEIV ON	E 60L	D										
2 <u>15-03</u>	N F	NG VISIPL	E GOL	ם									10 GRAINS ARSENDPYRITE	
907-01	N I	NO VISIBL	E 60L	D										
707-02	N !	OC VISIE_	E EDL	D									EST. 10 GRAINE ARSENCPYRITE	
F(7-03	N I	VE VISIBL	r pa	Ť.									EST. 5 GR. ARBEKOPYRITE	
	TOTAL # D SAMPLE # 84900 901-01 901-02 901-03 901-04 902-01 902-01 903-01 904-01 905-02 705-02 705-02 705-01 907-01 907-01	TOTAL # OF PANNIN SAMPLE # PANNED	### PANNINGS SAMPLE # PANNED Y/N DIAMETE ##################################	### PANNED PANNED	SAMPLE * PANNED Y/N DIAMETER THICKNESS 84900 901-01 N 50 X 50 10 C 901-02 Y 25 X 25 5 C 25 X 50 8 C 50 X 50 10 C 50 X 150 25 M 100 X 125 25 M 901-03 Y 25 X 50 8 C 50 X 50 10 C 50 X 150 25 M 901-04 N ND VISIBLE GOLD 901-01 N ND VISIBLE GOLD	TOTAL # OF PANNINGS 9 SAMPLE # PANNED Y/N DIAMETER THICKNESS T 84900 901-01 N 50 X 50 10 C 901-02 Y 25 X 25 5 C 25 X 50 8 C 1 50 X 150 25 M 1 100 X 125 25 M 901-03 Y 25 X 50 8 C 1 50 X 150 25 M 1 100 X 125 25 M 901-04 N NO-VISIBLE GOLD 902-01 N NO VISIBLE GOLD 903-01 N NO VISIBLE GOLD 904-01 N NO VISIBLE GOLD 905-02 Y NO VISIBLE GOLD 905-02 N NO VISIBLE GOLD 905-01 N NO VISIBLE GOLD 905-02 N NO VISIBLE GOLD 905-01 N NO VISIBLE GOLD 905-01 N NO VISIBLE GOLD 905-02 N NO VISIBLE GOLD 905-01 N NO VISIBLE GOLD 905-02 N NO VISIBLE GOLD 905-01 N NO VISIBLE GOLD 905-01 N NO VISIBLE GOLD 905-02 N NO VISIBLE GOLD 905-01 N NO VISIBLE GOLD 905-01 N NO VISIBLE GOLD 905-02 N NO VISIBLE GOLD 905-01 N NO VISIBLE GOLD	TOTAL # OF PANNINGS 9 SAMPLE # PANNED Y/N DIAMETER THICKNESS T P 84900 901-01 N 50 X 50 10 C 901-02 Y 25 X 25 5 C 25 X 50 8 C 1 50 X 50 10 C 1 50 X 150 25 M 1 100 X 125 25 M 1 901-04 N NO VISIBLE GOLD 902-01 N NO VISIBLE GOLD 904-01 N NO VISIBLE GOLD 904-01 N NO VISIBLE GOLD 905-02 Y NO VISIBLE GOLD 905-02 N NO VISIBLE GOLD 905-03 N NO VISIBLE GOLD 905-01 N NO VISIBLE GOLD 905-02 N NO VISIBLE GOLD 907-01 N NO VISIBLE GOLD	TOTAL # OF PANNINGS 9 SAMPLE # PANNED Y/N DIAMETER THICKNESS T P T 84900 901-01 N 50 X 50 10 C 1 901-02 Y 25 X 25 5 C 2 25 X 50 8 C 1 1 50 X 150 25 M 1 100 X 125 25 M 1 901-03 Y 25 X 30 8 C 1 100 X 125 25 M 1 901-04 N ND VISIBLE GOLD 901-01 N ND VISIBLE GOLD	TOTAL # OF PANNINGS 9 SAMPLE # PANNED Y/N DIAMETER THICKNESS T P T P T P 84900 901-01 N 50 X 50 10 C 1 901-02 Y 25 X 25 5 C 2 25 X 50 8 C 1 1 50 X 50 10 C 1 50 X 150 25 M 1 100 X 125 25 M 1 100 X 125 25 M 1 100 X 125 25 M 1 901-03 Y 25 X 50 8 C 1 25 X 100 25 M 1 901-04 N ND VISIBLE GOLD 902-01 N ND VISIBLE GOLD	TOTAL # OF PANNINGS 9 SAMPLE # PANNED	TOTAL # OF PANNINGS 9 SAMPLE # PANNED	TOTAL # OF PANNINGS 9 SAMPLE # PANNED Y/N DIAMETER THICKNESS T P T P T P T P EMS B4900 901-01 N 50 X 50 10 C 1 1 1 1. 1 16.65 901-02 Y 25 X 25 5 C 2 2 2 2 2 2 2 2 3 3 1 1 2 3 1 1 1 1 1 1	TOTAL # OF PANNINGS 9 SAMPLE # PANNED Y/N DIAMETER THICKNESS T P T P T P BMS ASSAY B4900 901-01 N 50 X 50 10 C 1 1 1 1 1 1 16.65 12 901-02 Y 25 X 25 5 C 2 2 2 2 2 2 2 2 5 X 50 8 C 1 1 2 2 5 X 50 8 C 1 1 2 2 5 X 50 X 50 10 C 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TOTAL # OF PANNINGS PANNED PANNED PRISTINE TOTAL NO. CALC V.S.

	VBLIMAR.		was	_			١	NUMBER	OF B	RAINS					
	OTAL # 0			9		RESHA	PED	MODIFI				TOTAL		CALC V.G.	
Sé	AMPLE #	PANNET Y/N	DIAMET	ER '	THICKNESS	Ţ	P	Ţ	P	T	P		MAG BMS	assay PPB	REMARKS
	84900 901-01	ĸ	50 X	50	10 C		-	1				1			
					• •							1	16.65	12	
	901-02	Y	25 X 25 X 50 X 50 X 100 X	25 50 50 150 125	5 C 8 C 10 C 25 M 25 M	1 1 1	1	2				2 2 1 1 1			EST. 2% PYRITE EST. 5 GRAINS ARSENOPYRITE
												7	24.7	188	
	901-03	Y	25 X 25 X		8 C 25 M	i 1						1			EST. 2% PYRITE 1 GRAIN GALENA
												2	10.5	78	
,	901-04	Ņ	NO AVISIE	LE 60	TI.										
	902-01	N	25 X	25	5 5					1		1			EST. 3% PYRITE 1 SPAIN ARSENDPYRITE
												1	5.1	5	
	903-01	N	NO VIBIB	LE 60	LI										1 SRAIN BALENA 20 BRAINS ARSENDEYRITE
	904-01	N	NO VIBIB	LE 60	LD										
	905-01	N	NO VISIE	LE 60.	ئنـ										
	FC5-02	Y	NO VIEIB	LE SO	r								,		EST. 10% FYRITE
	905-01	K	75 X	100	19 8	1						1			
												1	le	63	
	706-02	N	ND VISIB	LE 60											
	905-03	N	NO VISID	LE 60	LĒ										10 GRAINS ARSENDPYRITE
	907-01	N	NO VISIB	LE 60	LD										
)	907-02	N	NO VISIS	LE GG	LD										EST. 10 GRAINS ASSENIFYRITE
	=);=-03	ı:	NO VISIE	LE 83											EST. E SE. ARRENIANTE

	INELIMAR.	LIMAR.WR1 AL # OF PANNINGS		_				NUMBE	R DF (BRAINS						
				9		RESHAP	ED	MODI	FIED	PRIST	INE	TOTAL		CALC V.6		
	SAMPLE #	PANNED Y/N	DIAMET	ER	THICKNESS	T	== P	T	P	T	P		MAG BMS	assay PPB	REMARKS	
	84900	h!	6 5. u				,									
	901-01	N	50 X	50	10 C			1				1				
												i	16.65	12		
	901-02	Y	25 X	25	5 C			2				2			EST. 2% PYRITE	
			25 X 50 X	50 50	8 C			1				2			EST. 5 GRAINS ARSENDPYRITE	
				150	25 M							1				
			100 X	140	25 M		1									
												7.	24.7	188		
	901-03	γ	25 X									1			EST. 2% PYRITE	
			25 X	100	25 M	1						1			1 GRAIN GALENA	
-												2	10.5	78		
	501-04	N	ND-VISIB	LE G	DLD											
	902-01	N	25 X	25	E C					1		1			EST. 3% PYRITE	
								1				1	5.1	5	1 GRAIN ARSENUPYRITE	
	90 7 -01	N	NO VIELE	្រគ	Di E										1 SRAIN GALENA	
															20 ERAINE ARSENOFYRITE	
	904-01	N	WO VIBIB	LE 5												
	905-01	N	NO VIEIE	<u> </u>	JLD											
	905-02	Ÿ	NG VIEIS	LE S	113										EST. 10% PYRITE	
	₩\$±-11	K	75 X	100	19 8	1						1				
													16	63		
												•	10	, p.		
	P0a+01	N	MC VISIE	LE 3	<u>J</u>											
	90 <u>5</u> +33	Ħ	NO VICIE	LE 3	<u>OLI</u>										10 GRAINS ARSENOPYRITE	
	207-11		no viele	LE G	glp											
-) +07-02	1.	NO VIELE	12 9	DLD.										EST. 10 GRAINS ARSENSPYRET	
100																
		A	NI NIETE	_i	-										EST. 5 GR. ARRENDPYRITE	

	INBLIMAR.		·	•				NUMBER OF (SRAINS						
	TOTAL # 0				9		RESHAP	ED	MODIFIED	PRIS		TOTAL		CALC V.6	
	SAMPLE #				ER [°]	THICKNESS	7	P	T P	1	P		MAG 6MS	ASSAY PPB	REMARKS
	84900														
	907-04	N	NO	VISIB	LE 60	_D									
	907-05	N		25 X	50	s c	1					1			
												1	19.	7 4	
	907-06	N	NO) VISIE	XLE 60	LD {									
	907-07	N	ND	VISIB	LE 60!	_D									
	9 08-01	N		50 X	50	10 C	1					, 1			
												1	18.8	3 10	
	9 08-02	И		25 X	75	10 C	1					i			
				;								1	16.	12	
	F05-03	N	NO	VISIB	LE 60	LD									
	908-04	K		25 X	50	8 C	i					i			
												1	14.8	6	
	909-05	N		75 X	100	18 8	1					1			
												1	15.	65	
	909-05	N	NO	VISIB	LE 50	_D									
	902-07	N	ND	VISIB	LE GO	_D									
	709-01	Y		25 X 75 X		8 C 75 M	1					1			EST. 1% PYRITE 10 GRAINS BALENA
													14.7	603	5 GRAINS ARSENOPYRITE
	909-02	N		50 X	75	17 8	i					1			EST. 3% PYRITE
												1	10.2	? 37	
	900-050	Y		25 X	25	5.0				1					EST. 1% PYRITE
-	, TOT VAD			25 X	50	EC	1			1		1			EDIC IN TIBLIE
												-	z. 7	15	

TOTAL # 0	WR1	THEE	9			N	UMBEK	Ut b	RAINS	 			
			7		RESHAP	ED	MODIF	ED)				CALC V.6	•
SAMPLE #	PANNE Y/N		R THI	CKNESS	T	P	T	P	T	=====	MAG GMS	ASSAY PPB	REMARKS
84900 907-04	N	NO VISIBLE	E GOLD										
907-05	N	25 X	50	8 C	1					1			
										1	19.9	4	
907-06	N	NO VISIBLE	E BOLD	1									
907-07	N	NO VISIBLE	E GOLD										
905-01	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	
905-03	K	NO VIEIBLE	E GOLD										
908-04	N	25 λ	50	8 C	1					1			
										1	14.8	. 6	
909-05	N	75 X	100	12 0	1					1			
										1	:5. c	£5	
909-05	N	NC VIBIBLE	E BOLD										
908-07	N	NO VISIBLE	E 6013										
90 9- 01	Y	25 X 75 X		8 C 75 M	1					1			EST. 1% PYRITE 10 SRAINS BALENA 5 GRAINS ARSENOPYRI
										2	14.7		
909-02	N	50 X	75	13 5	1					1			EST. 3% PYRITE
										1	16.2	37	
909-028	Y	25 X 25 X	25 50	5 C 8 C	1				1	1			EET. IN CYRITE

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

	INBLIMAR.			•			NUMBER	OF 6	RAINS				
	TOTAL # 0	F FANN	INGS	9		RESHAPED	MODIFI	ED)				CALC V.B	•
	SAMPLE #) DIAMET	IER TH	(ICKNESS	T F	, I	P	T P	. =====		ASSAY PPB	REMARKS
				-									
	84900 907-04	N	NO VISI	BLE GGLI)								
	907-05	Hi	25 X	50	. B C	1				1			
	70: 00			50									
					1					1	19.9	, 4	
	907-0£	N	NO VISI	BLE GOLI	;								
	907-07	N	NO VISI	BLE GOLI)								
	908-01	14	50 X	50	10 C	1				1			
											18.6	3 10	
-	903-02	V.	25 X	75	10 C	1				i			
-	1		3					,		1	16.	3 12	
	FC5-C3	15	NC VISI	RLE BOLI	0								
	90E-04	14	25 X	59	8 C	1				1			
										1	14.8	3 6	-
	908-05	1,	75 A	100	18 8	1				1			
										1	15.	6 65	
	9):E-0±	N	MC VISI	BLE GOL	D		•						
	P08-07	N	NO VISI	BLE EDLI									
	c(c-(1	Y	or y	50	8 0	1				1			EST. 1% PYRITE
	, ,,	,		175	75 M					1			10 SKAINS GALENA
											14.	7 603	5 GRAINS ARSENOPYRITE
	309-0 <u>1</u>	ħ	50 Y	75	13 0	. 1				1			EST. 3% PYRITE
		R	QV E	٠ سا	1. 0								
	1									1	10.	2 37	
-) 4:4-111	V	25 X	II 5.	5 C 8 C				1	1			EST. 1% PYRITE
			- -	٠.								-	
												7 1:	

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBL1MAR. TOTAL # (NTNEE	9)			NUM	BER I	DF G	RAINS	3				
			7		RESHA	PED	MO	DIFI	ED	PRIS	TINE	TOTAL		CALC V.6	
SAMPLE #	PANN Y/N		TER	THICKNESS	T	P	==	T	P	T	F		MAG GMS	ASSAY PPB	REMARKS
84900				-											
910-01	Y	NO VISI	BLE G	OLD , .											EST. 10% PYRITE
911-01	N	50 X	50	10 C	1							1			
				!								1	18.8	10	
912-01	¥	25 X	75	10 C	1							1			EST. 1% PYRITE
		- 50 X	75	13 C	1							1			
		100 X			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
		3										1	18.2	56	
913-01	N	NE VISI	GLE S	OLD .											
913-02	N	50 X	50	10 E	1							1			
												1	25.2	8	
913-03	N	50 x	50	25 M						1		1			EST. 1% PYRITE
												1	22.1	21	20 GRAINE GALENA
913-04	ĸ	100 X	100	20 C	1							1			
												_ 1	17.6	77	
913-05	Υ	250 X	250	78 M				í				1			EST. 5 GRAINS GAL
													14.4	2441	
913-06	N	NO VIBI	BLE B	313											
915-07	N	NO VISI	BLE G	OLI											

/ISIBLE GOLD FROM SHAKING TABLE AND PANNING

	INBLIMAR.		NOO				1	NUMBE	ER O	F G	RAINS					
	TOTAL # (JE FANN.	IN65	9		RESHAPE	D	MODE	FIE	D	PRIST	TINE	TOTAL	NON	CALC V.S.	
	SAMPLE #				(16)ampo		=	====		==			=====		ASSAY	DEMARKS
		Y/N	DIAMETER	1 11	HICKNESS	T	P	1		P	T	P		GMS	PPB	REMARKS
•	84900				•											
	910-01	Y	NO VISIBLE	E GOL!	D , .											EST. 10% PYRITE
	911-01	N	50 X	50	10 C	1							1			-
					ţ								1	18.8	10	
	912-01	Y	25 X	75	10 C	1							1			EST. 1% PYRITE
				75	13 C								1			
			100 X		22 0	1							1			
			175 X 2	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	
	017-01		S NO UTTER	e eni	ħ											
	913-01	N	NO VISIBLE	ב פטבו												
	913-02	X	5 0 X	50	10 C	1							1			
													1	25.2	8	
	913-03	K	50 X	50	25 r.						1		1			EST. 1% PYRITE 20 GRAINS BALENA
													1	22.1	21	
	913-04	N	105 X	100	26 E	1							1			
													1	17.6	77	
	913-05	Y	250 X :	25()	75 ±			1	!				1			EST. 5 GRAINS SALENA
													1	14.4	2441	
	913-06	N	NO VISIBLE	E GOLI	D											
	913-07	N	NO VISIBLE	E 80U	D											

03/28/90

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

913-07 N NO VISIBLE GOLD

INBLIMAR.								1	NUMBER OF	6	RAINS							
TOTAL # 0	F PANN	ines		9			RESHAP	FN	MODIFIED		PRIST	TNE	TOTAL		VON:	CALC V	- F.	1
SAMFLE #							======	===		=	====	===	=====	: 1	446	ASSA	Y	
	Y/N	DIA	METI	ER '	THICKNES	S	T	P	T	P	T	P		E	ems	PPB		REMARKS
84900																		
910-01	Y	NO VI	SIB	LE GO	LD , .													EST. 10% FYRITE
911-01	N	50	X	50	10	С	1						1					
					1								1		18.8		10	
912-01	¥	25	X	75	10	٦	1						1					EST. 1% PYRITE
/12 VI	,			75			1						i					LUIT IN TIME
				125			1						1					
				250	75				1				1					
													4	_	22.2	12	£5	
712-02	Y	75	X	105	18	C	1						i					EST. 10% PYRITE
4															18.2		56	
															10.2		90	
913-01	N	NO VI	SIB	LE 60	LD													
913-02	N	50	X	50	10	C	1						1					
													1		25.2		6	
917-03	N	50	χ	50	25	K					1		1					EST. 1% PYRITE 20 GRAINS GALENA
													1		22.1		21	20 BRAING BALENA
913-04	N	100	X	100	20	С	1						1					
													1		19.6		77	
913-05	Y	250	χ	250	75	M			i				1					EST. 5 GRAINS SALENA
													4		14.4	24	41	
913-05	N	ND VI	SIB	LE 60	-													

5020 02..001.10...10...

FISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBLIMAR.						}	NUMBER	OF 6	rains					
TOTAL # (UF FANN	INSS	9		RESHAPE	D	MODIFI	ED	PRIS	TINE	TOTAL	NON	CALC V.G	
SAMFLE #			ER :	THICKNESS	T	= P	======= T	P	T				ASSAY PPB	
B4 900														
910-01	· 4	NO VISIB	E 60	LD ,										EST. 10% PYRITE
911-01	N	50 X	50	10 C	1						1			
				•							1	15.6	10	
912-01	Y	25 X 50 X 100 X 175 X	75 125	10 C 13 C 22 C 75 %	1 1		1				- 1 1 1			EST. 1% PYRITE
											4	22.2	1265	
912-02	Y	75 X	100	18 5	1						1			EST. 10% PYRITE
											1	18.3	2 56	
915 - 01	ł.	NO TIBLE	LE SC											
913-02	K	50 X	50	10 5	1						1	*		
											1	25, 2	2 8	
5:3-0J	K	50 x	50	25 K					1		1			EST. 1% PYRITE 20 GRAINS GALENA
											1	22.	1 21	
913-04	N	100 X	100	20 C	1						1			
													5 77	
913-05	7	250 X	250	75 M			1							EST. 5 GRAINS GALENA
											1	14.	4 2441	
		NO VISIE												
917-07	*:	NO VISIB	LE ES	LD C										

.:SIBLE GOLD FROM SHAKING TABLE AND PANNING

INBLIAPR.		IINGS 9	-			NUMEE	R DF	GRAINS						
				RES	HAPED	MODI	FIED	PRIS	TINE	TOTAL	NON	CALC V.G.	. Ja	
SAMPLE #	PANNE Y/N	r	ICKNESS	FEE	T P	==== T	P		F		MAG 6MS	ASSAY PPB I	REMARKS	
84900 913-08	N	NO AISIBLE SOLD												
913-09	н	NO VISIBLE GOLD	, ·											
913-10	N	NO VISIBLE GOLD												
714-01	Y	25 X 50 50 X 100	25 M 15 C			1				1		E	ST. 3% PYRITE 10 GRAINS OF	ARSENOPYRITE
										2	15.6	58		
915-01	Y	NO VISIBLE GOLD										Ξ	ST. 10% PYRITE	
916-01	N	NO VISIBLE GOLD												
16-02	N	NO VISIBLE GOLD												
716-03	N	NO VÍSIBLE GOLD												
916-04	N	NO VISIBLE GOLD												
917-01	N	NO VISIBLE GOLD							***					
917-02	N	NO VISIBLE BOLD												
918-01	N	ND VISIBLE GOLD												
918-02	N	NO VISIBLE GOLD												
718-03	y	25 X 25 50 X 50 125 X 150	5 C 25 M 25 M	1 1	1					1 2 1		ES	IT. 1% PYRITE	
										4	14.3	315		
F1B-04	Υ	50 Y 50	10 8				1	<u>.</u>		2	2.00		T. 2% PYRITE	
		1€ X 125	25 M	1			•			1			30 GRAINS OF A	RSENCPYRITE
										7	12.7	217		
15-05	Y	25 X 25 50 X 75 100 X 100 125 X (5)	5 M C C C C C C C C C C C C C C C C C C	1	:	1				1 1		E 3	T. 1.5% PYRITE	

VISIBLE	anı n	FROM	SHALTNE	TAR F	DNT	PANNING
VILLIDLE	שבעם	FRUIT	SUMP. LIND	I HOLL	THE LUC	I PRINTED IN

INBLIAPR.							NL	MBER	OF I	RAINS	3						
rotal # of	F PANN	INGS	9		RE:	HAPE) 1	ODIF	IED	PRIS	TINE	TOTAL	NON	CALC V. 6	•		
AMPLE #	PANNEI Y/N	DIAMETER	Т <u>Н</u> Т	CKNESS	===	Ţ	P	T	P	1	==== P	=====	MAG GMS	ASSAY PPB	REMA	RKS	
84900 913-08	N	NO VISIBLE	GOLD										-				
913-07	N	NO VISIBLE	60LD														
913-10	N	NO VISIBLE	GOLD	•													
914-01	Y	25 X 50 X 1		25 M 15 C				1 1				1			EST.	3% PYRITE 10 BRAINS E	F ARSENOPYRI
												2	15.6	58			
915-01	Y	NO VISIBLE	GOLD												EST.	10% PYRITE	
916-01	N	NO VISIBLE	6DLD														
71 6- 02	N	NO AIBIBLE	SOLD														
916-05	N	NO VÍSIBLE	EDLD														
91 c- 04	N	NO VISIBLE	60LD													-	
917-01	N	NO VISIBLE	EOLD														
917-02	N	NO VISIBLE	60LD														
918-01	N	NO VISIBLE	6CLD														
915-02	N	NO VISIBLE	60LD														
713-03	Y	25 X 50 X 125 X 1		5 C 25 M 25 M		1 1	1					1 1			EST.	1% PYRITE	
												4	14.3	315			
719-04	Y	50 / 100 X 1		10 C		1			1	1		2			EST.	2% PYRITE 30 GRAINS 0	F AFSENCFYRI
												3	12.7	217			
F18-65	1	25 X 50 F 100 X = 1	2E 75	5 C 25 X		1	1	1				-			EST.	1.5% PYRITE	

.ISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBLIAPR.							NUMB	ER DE	GRA	INS							
TOTAL # 0	F PANN	INGS	9		RES	HAPED	MOD	IFIE) P	RIST	INE	TOTAL	NON	CALC V. 6			
SAMPLE #	PANNE Y/N	D DIAMETE	R THI	(CKNESS	===	T F	,	 T			F		MAG GMS	ASSAY PPB	REMAR	RKS	
84900 513-08	N	NO VISIBLE	E GOLD														
913-09	N	NO VISIBLE	E GOLD	* *													
913-10	N	NO VISIBLE	E GOLD	,													
714-01	γ	25 X 50 X		25 M 15 C				1 1				1				3% PYRITE 10 GRAINS OF	ARSENDPYRI
												2	15.6	5 58			
915-01	y	NO VISIBL	E GOLD												EST.	10% PYRITE	
915-01	N	NO VISIBLE	E 60LD														
715-02	N	NO VISIBLE	E 60LD														
916-03	N	NO VÍSIELI	E GOLD														
916-64	ivi	NO VISIBL	E 60LD														
°17-01	N	NO VISIBLE	E BOL D													-	
°17-02	ĸ	NO VIBIED	E BOLD														
918-01	N	NO VISIEL	E GOLD														
715-02	N	NO VISIBL	E GOLD														
91 8+03	Y	25 X 50 X 125 X	25 50 150	5 C 25 M 25 M		1 1 1	1					1 2 1			EST.	1% PYRITE	
													14.5	315			
715-04	Y	50 Y 100 X	50 125	10 C		1			1	:		2				2% PYRITE 30 BFAINS OF	ARBENOFYR I
												-	12.7	217			
F19-05	Y	25 X 50 X 100 X 125 X	25 75 100	5 C		: :		1				1 1			£5T.	1.5% PVRITE	

ISIBLE GOLD FROM SHAKING TABLE AND FANNING

	SLIAPR.						NUMBER	OFE	RAINS						
Ti	OTAL # 0	F PAN	VINGS 9		RESHA	APED	MODIF	IED	PRIS	TINE	TOTAL	NON	CALC V.6		
S	AMPLE #	PANNE Y/N	,	ICKNESS	===== T	=== P	T	P	T	P	*****	MAG GMS	assay PPB	REMAR	RKS
	34900 913-08	N	NO VISIBLE GOLD						+						
	913 - 69	N	NO VISIPLE GOLD												
	913-10	N	NO VISIBLE GOLD												
	914-01	γ	25 X 50 50 X 100	: 25 M 15 C			i i				1				3% PYRITE 10 GRAINS OF ARSENDPYRI
												15.	6 58		
	9 :5- 01	ÿ	NO VISIBLE BOLD											E3T.	10% PYRITE
	916-01	N	NO VISIELE GOLD												
	715-02	N	NO VISIBLE GOLD												
	515-JJ	N	NO VISIBLE BOLD												
	71:2 4	N	NO VISIBLE GOLD							,					
	517-01	K	NO VISIBLE GOLD	-											
	7,7-12	M.	NO VIBILE BOLD												
	P181	t.	KG VIETELE SOLD												
	f:3-(C	N	NO VIBIBLE BOLD												
	P12+J7	٧	25 Y 25 50 X 50 125 X 150	5 C 25 M 25 M	1 1 1	1					1 2 1			EST.	1% PYRITE
												14.3	3 715		
	712-02	v	5 0) 5 0	10 8				1	1		2				2% PYRITE
			100 X 125	25 M	1						1				30 GRAINS OF ARSENCPYRIT
											3	12.7	7 217		
	1.5-15	,	25 X 25 50 x 75 100 x 100	5 0 25 M 27 C	1	1	;				1 :			EET.	1.5% FYRITE
			12 · . []	27 C			:				:				

ZISIBLE GOLD FROM SHAKING TABLE AND PANNING

924-02 N NO VISIBLE GOLD

NBL1APR.		LICC	6			1	EBMUN	R OF E	SRAINS						
		INGS	٦		RESHAP		MODIF	IED		TOTAL		CALC V.6			
AMPLE #	PANNET Y/N		er th	ICKNESS	T		T	P	1		6MS	ASSAY PPB	REMA	RKS	
84900			,	•						5	12.1	563			
918-06	Y	25 X 75 X		" 5 C 18 C			1			1			EST.	2% PYRITE 30 GRAINS	OF ARSENDFYRI
				Í						2	9.8	106			
918-07	ĸ	NO VISIB	FE EOTD												
919-01 ·	N	NO VISIE	LE GOLD												
919-02	N	NO VISIB	LE 60LD												
720-01	N	NO VISIE	LE COLD												
920-02	N	NO VISIB	LE GOLD												
920-03	Y	75 X 100 X			1					1			EST.	5% PYRITE	
		* C .			•						20.9	7 230			
920-04	· }	25 X	50	8 0	1					1				2% PYRITE	
		150 X			1					1					
										2	11.3	515			
920-05	N	50 X	100	25 M	1					1					
										1	14/2	2 74			
722-01	Y	100 X 200 X		25 M	1					1			EST.	2% PYRITE	
											12.5	994			
922-02	ĸ	100 Y	125	25 M	1					1					
										1	16.4	145			
923-01	٨	NO VISIE	SLE BOLD	!											
974-01	N	NO VIBLE	LE 63LD												

JISIBLE GOLD FROM SHAKING TABLE AND PANNING

N NO VISIBLE BOLD

	INBL1APR.								NUMB	ER I	OF GI	RAINS								
	TOTAL # 0	F PAN	VINGS	9			RESI	IAPED	MOD	IFI	 _D	PRIST	INE	TOTAL	NON	CALC V.6.				
	SAMPLE #	PANNE Y/N		TER	THI	CKNESS	222			T	P	T			MAG GMS	ASSAY PPB	REMA	RKS		
	84900										•									•
	54700													5	12.1	563				
	918-06	Υ	25)	(25		50				1				1			EST.		PYRITE	
			75)	100		18 C		l						1				30	ERAINS	OF ARSENDPYRIT
						i								2	9.8	106				
	915-07	N	NO VIS	IBLE 60	DLD	•														
	919-01	N	NO VISI	reie er	e n															
	919-02	N	NO VIS	IRLE B)_D															i.
	920-01	N	NO VISI	BLE EC	JLD															
-	920-02	N	NO VIS	IBLE SC	OLD															
	F2(-03	γ	75)	125		25 M								1			EST.	5%	PYRITE	
			100 3	(150		25 M		1	-					1						
														2	20.9	230				
	920-04	Y	25 3			E 5		i						1			EST.	2%	PYRITE	
			150)	200		25 M		1						, 1						
														2	11.3	515				
	72(-05	N	50)	100		25 M	1	1						1						
															14.2	74				
	922 - 01	V	100.1	r 150		25 M		•						1			FST	27	PYRITE	
	722-01	1		250		25 M								1			LJ1.	-/-		
															12.5	<u>5</u> 94				
	722-02	A.	100	,		25 M		1						. 1						
	744-74	N	100	1 120		20 1		•												
														1	16.4	145				
-	923-01	N	NO VIE	IBLE B	010															
1	924-01	1 14	NO VIET	IPLE GO																

924-02 - NO WESSELE SOLD

EOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBLIAFR.		ITHOS					NUM	EER	OF 6	RAINS								
IDIAL # U	+ PAN	VINES	Ÿ		RESH	APED	MC	DIF	IED			TOTAL		CALC V.6				
SAMPLE #		ED DIAMETER	´ THI	ICKNESS		====			P P	7	P		MAG GMS	ASSAY PPB	REMAR	KS		
84900			Ĩ.						•									
54700												5	12.	563				
918-06	Y	25 X 2	25	, · 5 C				1				1			EST.	Z% PYRIT	E	
710 00		75 X 10		18 C							,	1						ARSENGFYRI1
				,									9.8	106				
P1E-07	41	NO VISIBLE	en n	:														
919-01	À	NO VISIBLE	60LD															
915-02	N	NO VISIBLE	60LD															
920-01	N	NO VISIBLE	EDLD															
720-02	N	-NO VISIBLE	BOLD.															
920-03	Y	75 X 11 100 X 15		25 K 25 M								1 1			ES1.	5% PYRIT	Ł	
													20,	7 230				
920 - 04	Υ	25) (150) 20		8 C 25 M								1 1			EST.	2% PYRIT	E	
													11.5	5 515				
													1.00	, 513				
920-05	N	50 X 10	00	25 M	1							1						
												1	14,	74				
922-01	Y	100 X 13	5 0	25 M	1							:			EST.	2% PYRIT	Ē	
		200 X 25	5)	Zī h	1							1						
												Ξ	12.5	5 594				
922-02	N	100 X 1	15	25 M	1							1						
													15.4	1 145			4	
												i	15.4	• 140				
923-01	N	NO VIBIELE	90LF															
924-01	K	NO CELELE	SILI															

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

TIP-II IN TO WHERE SOLD

	INPLIAFR.		*****			NUMBER OF 8	RAINS					,
-	TOTAL # 0				RESHAPED	MODIFIED	PRISTINE					
	SAFEE #	PANNE Y/N		THICKNESS	T P	T P	T P		MAG GMS	ASSAY PPB	REMARKS	· · · · · ·
-	84900					÷						
				· ·				5	12.1	563		
	91 9- 08	Υ	25 X 25 75 X 100	5 C 18 C		1		1 1			EST. 2% 30	PYRITE GRAINS OF ARSENOPYRITE
-				į				2	9.8	106		
	91 9- 07	N	NO VISIBLE 60	בם								
	919-01	ħ.	NO VISIELE BOL	.D								
_	919-02	N	NO VISIBLE 60	_r								
	920-01	N	NO VISIBLE COL	D								
-	130-01	N	NO VIBIBLE 600	_D								
	• • <u>1</u> ;—;3	¥	75 X 125 10(), 150	25 M 25 M				1			EST. 5%	PYRITE
									20.9	230		
-	120-14	Y	25 % 50 15: % 200	6 C 25 M				1			EST. 2%	PYRITE
-								2	11.3	515		
	920-05	K	EC X 100	25 M	1			1				
								1	14.2	74		
-	222	٧	100 % 150 200 % 250					1			EST. 2%	PYRITE
								2	12.5	p 94		
	F12-03	3 .	100 x 125	25 M	1			1				
-								<u> </u>	1ć,4	145		
(*\} fII- (:	ħ.	WE WIETELE BO	LD								
-	-/ 11-11		WE WELFLE SE									

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BOLD CLASSIFICATION
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VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBLIAPR.WRI

NUMBER OF GRAINS

TOTAL # OF PANNINGS

RESHAPED MODIFIED PRISTINE TOTAL NON CALC V.B.

SAMPLE # PANNED

------ ----- ------ ------ MAG ASSAY

Y/N DIAMETER THICKNESS T P T P T P 6MS PPB REMARKS

84900

924-03 N NO VISIBLE SOLD . .

9

925-01 N NO VISIBLE COLD

926-01 N NO VISIBLE BOLD (

726A-01 N NO VISIBLE BOLD

F264-02 N NO VISIBLE SOLD

726A-03 N NE VISIBLE GOLD

927-01 N NO VISIBLE GOLD

907-02 N NO VISIBLE BOLD

729-01 N NE VISIBLE BOLD

934-01 : NO VISIBLE BOLD

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GOLD CLASSIFICATION
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VISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBLIAPR. WRI

NUMBER OF GRAINS

TOTAL # OF PANNINGS

HOHEET OF CHIL

SAMPLE # PANNED

RESHAPED MODIFIED PRISTING TOTAL NON CALC V.S.

Y/N DIAMETER THICKNESS

T P T P T P GMS PPB REMARKS

84900

924-03 N NO VISIBLE GOLD . .

925-01 N NO VISIBLE GOLD

926-01 N NO VISIBLE BOLD :

926A-01 N NO VISIBLE GOLD

926A-C2 N NO VISIELE BOLD

726A-03 N NO VISIBLE BOLD

727-01 N NO VISIBLE GOLD

907-02 N NO VISIBLE GOLD

929-01 N NO VISIBLE BOLD

930-01 h NO VIBIBLE GOLD

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BOLD CLASSIFICATION
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VISIBLE COLD FROM SHAKING TABLE AND PANNING

INBLIAPR.WRI

NUMBER OF SRAINS

TOTAL # OF PANNINGS 9

SAMPLE # PANNED

RESHAPED MODIFIED PRISTINE TOTAL NON CALC V.G.

SHAFTE & LANGE

Y/N DIAMETER THICKNESS T P T F T P BMS PPB REMARKS

84900

924-03 N NO VISIBLE BOLD . .

925-01 N NO VISIBLE COLD

926-01 N NO VISIBLE GOLD :

725A-01 N NO VISIBLE BOLD

FZEA-12 N NO VISIBLE GOLD

F264-03 N NO VISIBLE BOLD

927-01 N NO VISIBLE GOLD

927-02 N NO VISIBLE BOLD

925-€: N NC VISIBLE GOLD

FRE-01 I NO VIEIBLE GOLD

VISIBLE GOLD FROM SHAKING TABLE AND FAMNING

INBLZAPR.			_		NUMBER OF 6	RAINS					
TOTAL # 0	if Pann.	INGS	3	RESHAPED	MODIFIED	PRISTI	NE TOTAL	NON	CALC V.G		
SAMPLE #							= ====		ASSAY .		- 4
	Y/N	DIAMETER	THICKNES	STP	T P	7	P	6MS	PPB	REMARKS	
54900											
932-01	N	ALBIBIV ON	60LD								
932-02	K	NG VISIBLE	GOLD								
933-01	N	NO VISIBLE	60LD								
933-02	N	NO VISIBLE	eard .								
935-03	N	50 X	75 25 1	4 1			i				
							1	11	67		
774 64		NG 1113181 C	001.0								
734-01	N	NO VISIBLE	bulu								
 935-01	N	NO VISIBLE	COLD								
934-01	N	NO VISIBLE	CO! N								
732-01	iX	* ATSTREE	6020								
935-02	N	25 X S	E0 8 0	1			1				
							1	14	6		
								• '	J		
937-01	N	NO VISIBLE	6070								
937-02	N	NO VISIBLE	SGLD								
978-01	N	NO VISIBLE	SOLD								
938-02	N	NO VISIPLE	SOLE								
575.01	3 7	NO VISIBLE	CD F								
707701	K	NU VISIBLE	Cilli								
935-02	Y		75 17 (-1		1			EST. 3% P	YRITE
		75 X 11 275 Y 75	25 25 <i>1</i> 50 150 <i>1</i>	ń (1		1 1				
		±10 / 2.	20 100 1	•	•						
							3	17.6	6370		
7 39-03	Υ	50 X	75 50 !	1			1			EST. 2% F	PYRITE
		100 A 11					1				

2 16.3

235

839-04 N NE VIEIBLE 82LD

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50LD CLASSIFICATION
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VISIBLE BOLD FROM SHAKING TABLE AND FANNING

INBLZAPR. TOTAL # 0		INGS	3		NUMBER OF 6	RAINS					
				RESHAPED	MODIFIED	PRISTINE			CALC V. S	•	
SAMPLE #	PANNE Y/N		THICKNESS	T P	T P	T P		MAG BMS	ASSAY PPE	REMARKS	
84900 932-01	ĸ	NO VISIBLE	en n								
	n	MO ATOTALL	, .								
932-02	N	NO VISIBLE	E 60LD	-							
933-01	N	NC VISIBLE	GOLD								
933-02	A 1	NO VISIBLE	0010								
700702	N	NO VISIBLE	: 6011								
222-02	N	50 X	75 25 K	1			1				
							1	11	67		
							_		-		
734-01	N	NO VISIBLE	GOLD								
935-01	N	NO VIEIELE	60LD								
735-01	N	NO VISIBLE	י מינים								
705 01	15	NO FIGIRE	. 0020								
936-02	N	25 Y	50 E C	1			1				
							1	14	6		
577 A	.,										
737- 01	N	NO VISIBLE	20 T D								
537-02	N	NI VIBIELE	GOLD								
979-01	N	MO VISIBLE	edi b								
o25−05	N	NO VIBIELE	SOLI	12							
939-01	ħ	NO VISIBLE	60_5								
939-12	V	SO X	75 13 E								
7.47***		75 X 1			1		1			EST. 3% F	YRLIE
			50 150 M		1		1				
							3	17.6	5570		
c=a 4=	27	E A 11	36 E2								
509-03	Y		75 50 M 25 25 M				1 1			EST. 2% P	YRITE

2 16.3

175

PGF-04 N MC VIEIBLE GOLD

VISIBLE BOLD FROM SHAKING TABLE AND FANNING

INBLZAPR.			_			1	NUMBER	GE E	BRAINS					
TOTAL # 0	F PANN	INGS	3		RESHAP	ED	MODIF	IED	PRIS	TINE	TOTAL	NDN	CALC V. 6	
SAMPLE #	PANNEI Y/N) DIAMETE	י דעדו	CKNESS	======================================	=== P	T	 P	 T			MAG GMS	ASSAY PPB	REMARKS
	1714	DIMIE:E	n inti	PV/4700	١,	•		•	•	,		U. 10	.,,	
84900 932-01	N	ND VISIBLE	F BOID											
932-02	N	NO VISIBLE	E 63LD											
933-01	H	NO VISIBLE	E GOLD											
933-02	N	NO VISIBLE	E 60LD	!										
733-03	N.	50 X		25 K	1						1			
733-03	14	J.) X	12	au fi	1									
											1	1	1 67	
934-01	N	NO VISIBLE	E 60LD											
935-01	N	NO VISIBLE	E GGLD											4
93±-01	N	NO VISIBLE	ל ותם ב											
	14	J												
936-02	И	25 X	50	S C	1						1			
	-										1	1	4 6	
937-01	N	NC VISIBLE	E SULD										9.1	-
937- 02	!!	NO VIBIRLE	7717											
		AD VIGITI	L tolks											
935-01	H	NO VISIELS	E SOLD											
938-02	N	NC VISIBLE	E BOLD											
535-01	N	NO VISIEL	5 60L5											
939-02	¥	50 X	75	15 C			1				1			EST. 3% PYRITE
747		75 X	125	25 M			1				:			main an impart
		275 X	350	150 M			1				1			
											- 3	17.	b 5370	
£35-0 3	Y	50 X		50 M	1						1			EST. 2% PYRITE
		100 X	125	25 M	1						1			
											- 2	15.	: ::5	

FOR-04 A NE VIEIBLE SOLD

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SOLD CLASSIFICATION
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INBLZAPR. TOTAL # D		i Tairini	a .	7				NUMBER	OF E	RAINS					
			•	3		RESHAP	ED	MODIF	IED	PRIS	TINE	TOTAL	NDN	CALC V.E) .
SAMPLE #	PANNE Y/N		DIAMETER	ŢH1	CKNESS	T	== P	===== T	P	T	P		MAG BMS	ASSAY PPB	REMARKS
54900 932-01	N	NO	VISIBLE	GOLD											
F30-02	K	NĐ	VIBIBLE	60LD	•										
533-01	N	NO	VISIBLE	GOLD											
933- 02	ĸ	NO	VISIBLE	60LD	į										
F33-03	ľ.		50 X	75	25 M	1						1			
8												1	11	67	
734-01	iv	NO	VISIBLE	BOLD.											
P35-01	٨	NJ	VIEIBLE	GOLD											
736-01	N	NO	VIETELE	BOLD											
934-02	N		25 y - 5	50	8.5	1						1			
												1	14	6	
7 37-01	N	::2	VISIELE	edin											
#37-01	ķi iņ	ΑĒ	VIEIELE	GELD											
979401	Б	NO.	VICIELE	COLD											
±28-)I -	.,	31 	VISIELE	6313											
₹ 39- 03	K	NO	VIRIEE	50_1											
9 35 -12			50 X 17 75 X 13 75 X 35	15	13 5 25 M 150 M			1				1 1 1			ESI. 3% PYR
													17.6	6370	
=75-07	,		50 f 17		50 M	1						1			EST. 2% PYR

2.5

2 16.3

-79-04 to *** VIEILE BOLD

	INBLZAFR.	MR1						NUMBER	OF F	SRAINS								
	TOTAL # 0		INGS	3						21111110								
	004015 8	D 0 1 1 1 1 1	•			RESHA	PED	MODIF:	IED	PRIS		TOTAL		CALC V.E				
	SAMPLE #	Y/N		i THIC	NESS	T	P	Ī	P	1	P		6MS	PPB	REMA	RKS		
	84900				-													
	735-05	N	ND VISIBLE	COLD														
	937-06	N	50 X	75	25 M			1				1						
												1	15.	7 4	;			
	939-07	N	NO VISIBLE	6010														
	935-08	N	ND VISIBLE	GOLD														
	9 35-09	N	NO VISIBLE	I GOLI														
	939-10	N	NO VISIBLE	60LD														
-	939-11	N	NO VISIBLE	E GCLD														
	939-12	N	NO VISIBLE	50LP														
	939-13	N	NO VISIBLE	SOLD														
	939-14	N	NO VISISLE	SOLP														
	939-15	N	NO VISIBLE	E SOLP														
	93 9-1 a	N	NO VISIELE	EGLD														
	939-17	N	NO VISIBLE	EGLD														
	909-18	N	NO VISIELE	GILD														
	939-19	Ÿ		75 100 115	15 C 15 C 5) M	i 1	1					1 1 1			EST.	4% P\ 20 56	OF ARSI	ENOPYRITE

3 15.2

313

939-20 N NO VISIBLE GOLD

939-21 N NO VISIBLE BOLD

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

SAMPLE PANNED PRINTINE TOTAL NON CALC V.B. ASSAY PPB REMARKS	
### BA900 939-05 N NO VISIBLE GOLD 939-06 N 50 X 75 25 M 1 1 939-07 N NO VISIBLE GOLD 939-08 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 939-11 N NO VISIBLE GOLD 939-12 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 N NO VISIBLE GOLD	
939-06 N 50 X 75 25 M 1 1 939-06 N 50 X 75 25 M 1 1 1 15.7 47 939-07 N NO VISIBLE BOLD 939-08 N NO VISIBLE BOLD 939-09 N NO VISIBLE BOLD 939-10 N NO VISIBLE BOLD 939-11 N NO VISIBLE BOLD 939-12 N NO VISIBLE BOLD 939-14 N NO VISIBLE BOLD 939-15 N NO VISIBLE BOLD 939-15 N NO VISIBLE BOLD 939-17 N NO VISIBLE BOLD	
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 939-10 N NO VISIBLE GOLD 939-11 N NO VISIBLE GOLD 939-12 N NO VISIBLE GOLD 939-12 N NO VISIBLE GOLD 939-14 N NO VISIBLE GOLD 939-15 N NO VISIBLE GOLD 939-15 N NO VISIBLE GOLD 939-17 N NO VISIBLE GOLD	
939-05 N NO VISIBLE GOLD 939-05 N NO VISIBLE GOLD 939-05 N NO VISIBLE GOLD 939-10 N NO VISIBLE GOLD 939-11 N NO VISIBLE GOLD 939-11 N NO VISIBLE GOLD 939-12 N NO VISIBLE GOLD 939-14 N NO VISIBLE GOLD 939-15 N NO VISIBLE GOLD 939-15 N NO VISIBLE GOLD 939-17 N NO VISIBLE GOLD	
939-06 N NO VISIBLE GOLD 939-07 N NO VISIBLE GOLD 939-11 N NO VISIBLE GOLD 939-11 N NO VISIBLE GOLD 939-12 N NO VISIBLE GOLD 939-14 N NO VISIBLE GOLD 939-15 N NO VISIBLE GOLD 939-15 N NO VISIBLE GOLD 939-17 N NO VISIBLE GOLD	
939-09 N NO VISIBLE GOLD 939-11 N NO VISIBLE GOLD 939-11 N NO VISIBLE GOLD 939-11 N NO VISIBLE GOLD 939-12 N NO VISIBLE GOLD 939-14 N NO VISIBLE GOLD 939-15 N NO VISIBLE GOLD 939-15 N NO VISIBLE GOLD 939-17 N NO VISIBLE GOLD	
939-11 N NO VISIBLE SOLD 939-11 N NO VISIBLE SOLD 939-12 N NO VISIBLE SOLD 939-14 N NO VISIBLE SOLD 939-15 N NO VISIBLE SOLD 939-15 N NO VISIBLE SOLD 939-17 N NO VISIBLE SOLD	
939-11 N NO VISIBLE GOLD 939-12 N NO VISIBLE GOLD 939-14 N NO VISIBLE GOLD 939-15 N NO VISIBLE GOLD 939-15 N NO VISIBLE GOLD 939-16 N NO VISIBLE GOLD	
P35-12 N NO VISIBLE SOLD P35-14 N NO VISIBLE SOLD P35-15 N NO VISIBLE SOLD P35-16 N NO VISIBLE SOLD P35-17 N NO VISIBLE SOLD	
POP-10 N NO VISIBLE BOLD POP-15 N NO VISIBLE BOLD POP-16 N NO VISIBLE BOLD POP-17 N NO VISIBLE BOLD POP-17 N NO VISIBLE BOLD	
PORTION NO VISIBLE GOLD FORTIS N NO VISIBLE GOLD FORTIS N NO VISIBLE GOLD FORTIS N NO VISIBLE GOLD	
POR-15 N NO VIEIBLE GOLD 939-16 N NO VIEIBLE GOLD 939-17 N NO VIEIBLE GOLD	
939-16 N NO VISIBLE GOLD	
93P-17 N NO VISIBLE GOLD	
979-19 N NO VICIE F 67/ D	
TO TABLE DOME	
F39-15 Y 50 λ 75 13 C 1 1 1 EST. 4% PYR 50 λ 100 15 C 1 1 20 SRA 75 λ 125 50 K 1 1	JTE JNS OF ARSENOPYRIT

939-20 N NO VIETBLE GOLD

939-21 N NO VISIBLE SOLI

20 SRAINS OF ARSENDRYRITE

15.0

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BOLD CLASSIFICATION
VISIBLE GOLD FROM SHAKING TABLE AND PANNING
                                           NUMBER OF GRAINS
INBLZAPR. WR1
TOTAL # OF PANNINGS 3
                                  RESHAPED MODIFIED PRISTINE TOTAL NON
                                                                         CALC V.S.
                                                              ---- MAG
                                                                           ASSAY
SAMPLE # PANNED
                                                                          PPB REMARKS
                                     TPTPT
                                                                   GMS
         Y/N DIAMETER THICKNESS
  84900
          NO VISIELE GOLD
 939-05
                 50 X 75 25 M
                                              1
  937-06
                                                                               47
                                                                  1 15.7
              NO VIBIBLE BOLD
  939-07
           N NO VISIBLE GOLD
  939-08
           N NO VIEIBLE BOLD
  935-09
  739-10
           N NO VISIBLE GOLD
  979-11
           N NO VISIBLE SOLD
           N NO PISIBLE SOLD
  939-12
  939-13
           N NO VISIBLE BOLD
  939-14
           N NO VISIBLE BOLD
  937-15
           N NO VIETELE GOLD
           N NO VISIBLE BOLD
  939-16
           N NO VISIBLE BOLT
  777-17
  -75-19
           N NO VISIPLE SELE
                                                                                  EST. 4% PYRITE
                 50 y 75
  737-19
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939-20 N NO VIEIBLE GOLD

50 t 100

75 X 135

1E C 1

30 M

939-21 N NO VISIBLE BOLD

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

FIRADI - N NO VISIBLE BOLD

FTF-21 N KO VIBILE SOLD

	INBL2AFR.						NUM	BER I	OF 6	RAINS							
	TOTAL # DE	PANN	IN65	3	RS	SHAPE) MOI	DIFI	ED			TOTAL		CALC V.6			
	SAMPLE #	PANNE Y/N	DIAMETER	jHick	== NESS	T	P ==	==== ;	p	T	P		MAG GMS	ASSAY PPB	REMARKS		
	84900 935-05	N	ND VIBIELE	65LD													
	937-08	N	50 X	75 · ·	25 M			1				1			,		
												1	15.	.7 47			
	939 <u>-</u> 07	N	NO VIEIELE	EOLD :													
	535-65	N	NO VISIBLE	. GDLD													
	737-07	'n	NO VISIBLE	60LD													
	F37-10	N	NO VIBIBLE	EGLD													
_	575-: <u>1</u>	N	NO VISIBLE	9010													
	c75- <u>:</u>	N	NO VISIELE	1 27 2													
	77 7-17	ì¥.	NO VIBIAL	6010													
	177-12	14	NO VIETE	elle													
	97,0-15	A	NO VIBIBLE	E SPLI													
	777-1:	*:	NO VIBIEL	E BŞLD													
	977-17	N	MO VIBIEL	E BOLI													
	£ 79-15	K	NS VIBIEL	1 371													
	2 75 - 12	Y	51 X 51 X 71 X	75 309 105	10 0 15 0 E0 M	4	1						1 1 1			(PYRITE) SRAINS OF ARSE	NOPYRITE

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SOLD CLASSIFICATION
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JISIBLE GOLD FROM SHAKING TABLE AND PANNING

INBLIAPR. WRI

NUMBER OF GRAINS

TOTAL # OF PANNINGS

SAMPLE # PANNED

RESHAPED MODIFIED PRISTINE TOTAL NON CALC V.S. ASSAY

DIAMETER THICKNESS T F T P BM5 PPB REMARKS T P

84900

924-03 N NO VISIBLE GOLD . .

925-01 N NO VISIBLE GOLD

926-01 N NO VISIBLE GOLD ;

925A-01 NO VISIBLE GOLD

N NO VISIBLE GOLD F054-02

726A-03 N NO VISIBLE GOLD

927-01 N NO VISIBLE GOLD

927-02 N NO VISIBLE SOLD

929-01 NO VISIBLE BOLD

930-01 N NO VISIBLE BOLD

APPENDIX C BINOCULAR LOGS - BEDROCK CHIP SAMPLES

SAMPLE			GRAIN			MINERAL	.OGY		NAME
NUMBER	COLOUR	STRUCTURE	SIZE (mm)	TEXTURE	Silicates	Carbonates	Sulphides	Other	
84901 - 07	medium to dank green	well foliated but sub- schistore; weak pour Hellem of mounts indicates father due to moderate shawing; 290 calcut strangers	0.1-0.2	equipanular, interlocking holocoystalline taxture; quench color of pyroscone and greenish saussanity of play. Complicates mineral identification; unchilled	(with summityation)	1-290 calcit as dissemina hors; 1-290 calcit in stringers with local med, homa the magins		40.59, disseminate d leucoxens	Basal+
84902 - 04	dark green	hall and finely foliate of issumed stip plants - work showing; 2-300 calcite win lets/stampers	<0.05	chilled; sample confairs	plag 45%(?) pyrocene andfor chlantized pyrocene - 35%(+) chlant -10%(+11.66)	10% calcut pervasing in host ad 2% as exmlets (they homatit stain on some winlet mangers)	0.2-0.3% pyrit- Bine discommentals		Bzsz/+
84903- 04	dash greyish green; 5% is oze dized beige-brown		0.05-0.1 (md:hmit)	equipmentar and intelligency: 5% rounded to oblong calcit ± quarts, infilled amygologo to 2,5 mm- unaffected by sharing	plag 40% chlority and chlorityed procene - 30% chlority - 15% sericite - 3% (along 5/1 p planes)	oxidation of Fe- can borna to 40% discommand in	trace pyritis		Basa 1+
						Canbona & penvasive (very little obvious distanchan betwee Nactivity of Collity and Fe Ittl chabonate probability some Conelap)	•		
84904 - 02	donk guy guen	well foliated to schistope with minor slip planes weake shooning; 3-590 quantz - calcil sein lits	0.05	equigranular, interbeing, tolo crystalling. 20% scattend, quartz-calcut infiled annygolules to 1.5 mm - het cut by folia tion	pyrosene and/	10 % calcit 3 % in weinlets 2 any 3 dules al 7% disseminated (may include 1-2 medicately seaching Folty carbonas)	2		Basalt

bleached chlants)

			GRAIN			MINERAL	_OGY		NAME
SAMPLE NUMBER	COLOUR	STRUCTURE	SIZE (mm)	TEXTURE	Silicates	Carbonates	Sulphides	Other	
84905 - 05	dask green	very weak foliation; 3% seegary calcute strongers,	0.1-0.15	equipment, intelleting, holocrysta/line; composed of mederately & weally demons of the play is class and chlasite	plag40-45% (same tized) chlorit -40%	15% calciti- penuasive	cco.100 pyrit- dissommeted	1-290 magnett- discommated crystals	Baselt
84904 - OG	medium to dark green	very strong and regular schools to ity due to weak to medicate shewing; 3-5% calcut 2 quants winters on gray chloretion convertible) others of plans		indistinct calcilismostifed amygdales to	plag - 45% (?) chlant - 15% (visible) chlout/pyrocong-25. 30% (assumed)	10% calcit - 3-5% - winders and semander is discernisted, particularly along foliation planed	cc 0.190 pyrit- disseminated		Beszlt
84907 - 10	dark grun	well foliated with common stippines defined by chlouts; show a plants; fragmental/brecciated	groundmass aphanitic	appears breceinted with any alar to rounded from the sup to 1.3 mm. I'm a groundmass of from the superior to a present to different the groundmass of from the superior to different the ground to present the present to the superior to the	15% chlorit - isibb along policition [slip plants; and blo to deferment mineralog of fragments or oppositions	throughout			Busalt (breccin)
84908 - 10	dark gwyish- green	very strong and regular schistosity. Some schistosity planes are slip planes are slip planes are to mockettly stranely stranely breatly crumblated. 190 callet would	aphamitie	holoconstalline; race (1976) contest in filled amygdules to 1.0 mm; sample may contain very nace (21%) quantz eyes (20.5mm)	plag40-45% Chlant - 35-45% Sericit - 3% (may be light gray chlant pleasent along slip planes)	1-2% calist as stringers and amogdolo 5% Ee/My carbonat disseminated	0.190 pyrit - disseminated		82521+
84909- 05	medium guy avith a styth greenish tint	widely spaced foliation defined by light of possibly carcite; 10% nembet quarts - callet - much of sample is blacked and scriping however and Samples 03,04 are strangly sheared	aphanitie	holocopstuline; 1-290 modernact glant; eyes to 0.8mm; some chips appear slightly coarse grained (01-0.2mm) but this may be due to silice alteration; bloaghing obscurs mineratogy	light quy chlauti (or senicite) - 3-5%	290 calcit in sem material and < 0.5% as disserning tions	0.5-0.7 % pyrib as diseasminations		Andert (?)

SAMPLE		0	GRAIN	#5VTUD5		MINERAL	LOGY		NAME
NUMBER	COLOUR	STRUCTURE	SIZE (mm)	TEXTURE	Silicates	Carbonates	Sulphides	Other	
84910 - 02	mudiam gety; local brown Oziclation	schistori; strongly strange; lineated; 490 gunsty-calcite seim 6ts	0.05 - 0.1	holocrystalling; amygdalo, dal w. 44. 2-3% gumb-calcit infilled amygdalos (rounded to oblora) of 0.5 to 1.5 mm; sampli is wannally blacked to a beige color	play. 755% Isusany) Chlauti (and for -30% Chlauty (and for -30% pyrocau) Sericit -5% (biggialong foliabor pilmus -andy be bleach	4 190 cales to in winds to 5; 8-1090 poorly marking Fe /Mg can bornate. personal as	1.5-2.0 % paperto fine dissemination to course from constable most abandant in being more highly aftered chips	\$	Basalt
<i>8</i> 4911 - 04	medium to dark green	will I diated to sub- schistore ; a ppear; to be an indistrict mineral lineation in plans of foliation in paine the to mediate sharing; 290 winds to, sugary collect & quality		holocoystelline; amygdoloidal with 2-300 rumded to invegation calcit & quants + local fine magnet to infilled amygdolos to 2.0	plag - 45-50% (saudamitized ??) Chlant - 40 % (may be mimor chlantized pyrosom as well)	12% calciti- pervasion	0.5 % pyrite- dissammated but mysmily as stringer-like consentrations possibly associa with someth	te/	Basz/+
84912 ~ 05	dark green	moderately well foliated; unsbeared;	0.1-0.15	tougramula, interlocking, holderystalling: roun; quanty eyes to 0.5 mm; composed of gramsh sausanityed plagueches and chlorityed process)	plag 50% (sausountiged) chlorite - 45% (* minor chloritized pyroxem)	29o calcite- local stringer- libe concentrations	0.1-0.2 % pg.b. dissaminated	2 % way fire grain (1), and of the control of the c	Busult
84913 - 13	dark guen	strongly schistore due to weak strange " possibly a weak mineral clignment (Imac bron): 1-290 poorly developed callito semiets	0.05	equiparentar, interlocking, holocrys tellin; N106 wistiges of calcite mfilled amygdules to 1.0mm	plag 40-45% (weakly saussundged?) chlan6-45-50%	890 calest - parvasin	LO.100 pyrit.	·	Basalt
84914 - 03	nedium quen	moderately schools: iocally counts to! a few chlorishe structure stip pames arably to anshrand; 290 gam/z- calcit wind to	0.1-0.2	equipamular to mequi- granalar, interlocking; holocoystulling; slight grain oize variations; particularly plag which locally forms cloudy "plunocyst" to 0.5 m; 1% indistinct g2-calcio inf any dules to 2.0 mm	plag40-45% Chlant -45% (man include 15-20%, Chlantized pyrorow) Sincit(!)-1% along (burge) frienten planes	10% calcit 290 in winds 2 amy gduks and remander is disseminated (pervesion)	co.190 pyriti- dissommated		Basal†

SAMPLE		STRUCTURE	GRAIN SIZE (mm)	TEXTURE	MINERALOGY				
NUMBER	COLOUR				Silicates	Carbonates	Sulphides	Other	NAME
84915 - 03	darke green	well folialed; constituted; rare epidote strongers	0.1	equigranular, interlooking, to olery, to lime; loss, or less, small (0.5mm) indistinct quarty-calest infilled amygolubs	plag - 45-50% (moderately Saurounth zed) Chlant - 40-45%	6% can bona to- disseminated 50:50 calcit vision mideratly machine for 1rty can bona to	0.5% parti- disseminated a local stringer like concentration	s	Basal+
84914 - 07	medium gregisk- green	strong and regular foliation - sub- schistorer (fabric mgg be steam attent but is met a stronfabric); 190 sagging calcité strongers	0.05-0.1	equipmenter, interlocking, holdcrystalling; weathy bleached due to call of t	plag 45-5090 Chlant - 40%	12 90 calcob- pervasive	0.190 pyrit-disseminated		Beself
84914 - 05	dsik grun	moderately well bolion to dis 290 seegang calcot as burners and strongers	~ O·I	equipmentar, In allowing; sample compose of sausous traced plagio char a chlorit; nose small (to 0.4) quanty cyso	plag - 45-5090 (sausomityed) chlorit - 4590	7% calcition half in winds and many inal to winds and remainder is disseminated	0.490 punt fire distance to consecryth to consecryth (1.0m.) association calcili	ls.	B252/+
84918- 10	dark guen	moderately well politide may be a poor alignment of minus in filethe plan; 5 of glash-cold winds; 5 of glass to cold sometimes and of cpidot)	0.1-0.15 16 5	eguigeanular, interlectoring, holocrysta llime; altered - moderatel, sauce summer to god plag. and Chlorité (a chlorité sed pyroxane); nane quant eyo (anny godies?) à Orleman	plag - 5090 (sausonatrzed) CLANTO - 40-4590 (2 CLANTEZED Pyrax enr)	6 % calest - 4% - vern lebs/ stringers and 2% disseminate	dissommated in host a world to		Basalt
84919 ~ 04	dark green (mo Thd midwn green & black)	poorly foliated minor slip planes	pyroxems	inequipmentar, interfocustation, saturation of the service of the same of the same of the process of the process of the process of the process of the same o	plag - 45 (sasounthyel) 25% (strongle - 25% (doub green to black 2 februs) pyrogene - 15% (the durn green, prismatel) Extens til - 10%	5% collections of an estingers	0-196 pmit - dissemila 01	3% angular teacox one (after strans) to 1.5	Basalt (course)

SAMPLE	T		GRAIN	TEXTURE		NAME			
NUMBER	COLOUR	STRUCTURE	SIZE (mm)		Silicates	Carbonates	Sulphides	Other	,,,,,,,_
84920- 08	spothed medium quyish- questin with dank grun mafic spots	poord, foliated in a few following planes; a baw calcit, stringers, some of which have a add damatit stain along their margins	9-000000000000000000000000000000000000	porphyryte; 25% ambidial, modium to dank guar altered (activally, chlorit) process phonoconsts in a 0.2 Testacking play, pgx. groundmass	plemocrypts (25%) black programs variables altered to librous actually groundmans (75%) plag - 95% pyrogens - 30% (Tight grow)	0.540 calcito- dissominated	trace pyrit- disseminated		Basalt (porphyghe)
<i>8</i> 4921 - <i>0</i> 3	dark guen	well foliated to sub- schisher obscured by called to allerating 2 to district sugary calce to black to campaine cayoble to quanta similate other among sample out by cabonal and marging		egungamulan, interlocking, Holderystalline	7	15% calcite-	0.290 pyrite disseminated in host z win 4ts	290 black townshime - associated with some bits (as bounds within among ment to win 45)	Basalt
04922- 03	dark grun	poor forliation but some \$11p planes; 5% sugary quartz - calcute brince to Sample O4 - more highly stanced	0.1-0.3	equipmently, interesting, beforens the standing of the standing of the standing of the standing to the standing of the standin	plag - 50-55% (weakly saussuityed) chlorit - 40%	4% calcitin windts; 3-4% calcit as dissaminations	40.190 pents - disseminated		Basal+
Ø4923- 03	duk quen	poorly pleated to many lot some fractions control with factor to	0.1-0.2	equipanular, interledering, holocrystalline; 20% dash quant to back, chlastized processes patchs or clots (irregular outlines)	plag - 50% (pontrolly sourcements) pyroxene 2 chloritized pyrocone-30 patchy chloritized pyroxene - 20%	190 calcit as atmospher along place terrise; 196 dissaminated calcit	trace pyrit discommated		Bacal+
849 24 - 04	light brige with a quen tint (bloached)	well but inditinely foliated; 200 quantz bembets	0.2	equigianulus, in tulbuloring partially obscured by bleaching	plagioclass - 58 pyroxene -4000 (light gran)	0.5% calcit - dissommate d	< 0.1 % proits as cryshols man woulds		Beselt

SAMPLE		STRUCTURE	GRAIN SIZE (mm)	TEXTURE	MINERALOGY				
NUMBER	COLOUR				Silicates	Carbonates	Sulphides	Other	NAME
84925 - 0 4	quen to slightly being cocida transcription plants	schistose due to strong shearing producing a very fine and very regular fabric: 1-2% calc. Town 16 to; foliation locally cremulated	aphamitic to 0.05	holocrystullow with 5% calcity & greatly infilled coming dules to 2.000 some cross-cut by fabric, some cross-cut by fabric and some may be strotched (5:1) due to showing	plagiochas - 40 % Chlenit - 35% (hight to medium green) Sericit - 1-2% (or grey chlenit - along fotication planes)	20% calciti pervasivi	trace pepit disseminated	tourmaline - 0.190 associated with cale to ormals	Basalt
84926 - 041	dark green .	well and finily foliated to sub- schistore; 3% calute beincets	0.1~~	equipanulas ; notestokras; bolocrystalbue; 3% quantz-calents mf. Iled annygdules to 1.2 mm	plagiculare -40-45% pyroxene and chloritized pyroxene 45-50 (no clare distriction)	(5% in winders	NIL		Basal+
84926A+ 04	dark grum	well and findy foliated to schistare. 10-1200 win calcide to quanty also calcide nich host marginal to viris	0.1~	equigranules, interlocking, holocoys to their 190 calcate infilled amysolules to 10(+) mm		and amy gduly	0.1% pyrit disseminated in host and werelets		Basa It
84927 - 05	2) black (25% of sample) b) modern green-grey (75% of sample)	a) fissib b) sub-fissib -banded on millimete scale - 60.596 calcute stringers	3) aphaintic b) 0.05-0.1	2) sity /charty b) sandy to eith with 10% visible quanty sand; plagications said lithing grains comment be distinguished toother may approach a recrystallyse saign.	d) too fine grained to de termine b) 10 To quant 3 25% candifferent toold	40.50% cule.b as stangers	0.1% pyrite + pyrhahle occurs along fisselity plans		Siltstone/ Wacke
84928- 01	medium beize grey	vaguely banded with a fairly good phinar falling teniands a fissility; 35% being sticeous (chit) bands; a few quarts calute winded	0-05	sugary recrystallyed is 13 to beige charty bands up to and exceeding I can in this chares	3) condifferentiated quests / play sugar 10% biotil (uny fire grand - may be dark chlorit)	1-290 calcite as storagers and with quartz in Wimle ts	NIL		Siltstone ± lean cherty iron formation

SAMPLE	COLOUR	STRUCTURE	GRAIN SIZE (mm)	TEXTURE					
NUMBER	0020011				Silicates	Carbonates	Sulphides	Other	NAME
84929- 04	dank grey to black	fissile; slight becriations in grain 2013e (fine to commo 5.14); a few indistruct quants stringers	0.05	vague sugary, recrystallized texture but this is not certain, viono clightly coaren (0.05-0.1m-) sult/wache beds	condifferential 1 play 1 quants/ -lithic grains-80% biotit - 20% (a-1/or chlorit)		0.1-0.22 pepute- generally as bey five dislammations along fissility		Siltsbre
84930 - 04	dark grey tr blask	fissile; 1-2% quantz beinch banalleling foliation Similar to be dock of Heb 84929	0.05	sub-sugary menyelallyedi	undifferent hated plag / quantz / lithic grams - 60% broth to -15-20 (and for chlorit)	NIL	3% pyrite ao 0.05 m thick stringers along fractions and fissility plants	- 	S. Itstone
84931- 03	medium beize-grey	pour fabric	0.1-0.3	recrystallized, sugary with 10-15% palict quests sand adminor undiffustated com to clouds plaguelaw and lithic sand	undifferentated qualta/play/ Lithic grains - 70% quanta - 10-15% bubto - 10%	40.5% caleit (possibly Fe/Hg combonat) as discommations	290 sulfides - mostly (75%) pyrhable with losen (25%) pyrit - Occars as discerning time 2 stringen like cons	rens from from s	Greguracke (biotite schiit)
84932 - 05	mettled dark green and whit	massing	1.0-2.0	hy pidio mor phi c	plag - 50-55% quantz - 10% epidote - 100 (attento of plag) sphone - 40.5% hormblando - 35% bomblando - 35%	- dissemmate	pyrit - 20.1% disseminated		Quantz Diorite
84933- 05	black and curlity	weak but district fabric defined by alignment of majic minerals (nesults in district majic at this belove bonds but this is met a me tour ophic to the months of the fabric of the fabri	0.5-2.0		Plague clase - 45-50% Guantz - 10-15% hormblande - 1896 chant (or - 20% chlantzed hombland) epidet - 3-40%	calcute -0.5% -associated with Chlonitized homoblands	pyrit -< 0.190; dissemmated		Quantz Drovite

SAMPLE	COLOUR	STRUCTURE	GRAIN SIZE (mm)	TEXTURE					
NUMBER					Silicates	Carbonates	Sulphides	Other	NAME
84934- 04	mottled black and white	masout	0.5-1.5	hy pidio marphic	plagiches - 45-50% quantz - 25-30% hornblen do - 20% (pan hally chlorityd) epidote - 3% splene - 0.5% (orbis)	< 0.5% calciti- disseminations and fractions plater coatings	NIL		Grano divri ti
84935- 04	mottled dark green and white	massive	1.0-2.0	hy pidió morphic	plagiocher-50.55% quantz - 25% hornbland - 20% (chlantzed) epidets -2% sphene -0.1%	40.5% caleto- dissemmented and associated with chambiand hombiand	very famt trace discommand pyrite		Granodais t
84936 · 05	mottled black and whit	massiw	15-30	hypidiumorphic	plagroclass-50-55% quanty -25% (a few cryshels of blue quanty) hornbland -20% (partially chartyy) epide = 10% sblans -0.200	0.2% calut- dissommated	trace pyrit - dissemmated		Cramodonite
84937- 05	mettled black and beige/pink white(beige/ pink celeration due to oxidation)		1.0-2-0	hy pidio morphic	plugio class - 45-50% quanto - 25% horn blando - 25% (pantrally chlorityd) e pido to - 3% (pantrally altered heccordon)	trace calcuted	NIL		Granodiviste
8 *1 938 - 05	- budany s	highly schistor strongly should; 100 indutinct collecto veinly to	aphanihic	30% thum (to 0.5mm) schistory somes capaciting light gery, aphanistic, very hand (silicifed) some to 3(+) mm with 176% of some to ; some to some to the court patched, nagged chlonitoid; the to silicifed to determine to the silicifed to determine to the	silicitied; servict - 6-8% (along schooling) planes)	190 calcots in winds	0.5-190 pyrita- local crystalbar Concentrations	clanitoid 5% ragged, amb dowl crystals	BaseH (??) Silvespied 2 showed

SAMPLE		I	GRAIN SIZE(mm) TEXTURE		MINERALOGY				
NUMBER	COLOUR	STRUCTURE		TEXTURE	Silicates	Carbonates	Sulphides	Other	NAME
84939 - 24	medium guen-geg	moderately to strongly should producing a "rubbly" tuff-like texture as the minima augen - like "fragment" outlined by fabric (they may be stretched	0.05	mm; 5 To ambodied to subbodied cloudy plagoched planocoysto with resorbed margins from 0.5-2 mm	grain size) with	5% calcity- dissemmental and stringers along foliation	trace pyriti- dissommatil		Andesit
		plagioclass planocrysts		in Dize; local wispy, light grey-white discoloration - possibly minor wining fatheration along schistrity or possibly plagraches planocysts straing out In filation plans due to sharing					
84912 - bldr (25:4-25:6~)		BOULDER SAMPLE		boulder composed of 85% clear to white, marson to feachered greatz; 15% massive to medit like small great to the black (massive) to write as integral of clots; 2% calciti along fractures 2		290 calcet - in packus in gast 3 2 associated with tournaling	NIL		Quantz- Tourmbre Boulder
				associated with termshin					

APPENDIX E ACTIVATION LABORATORIES LTD. - BEDROCK ANALYSES

	Acti	vat	ior	n La	bor	ato	rie	s L	.td.		Wor	k O	≀rde	er:	1614	Repo	ort:	16	39	
Sample description	AU PPB	AG PPM	as PPM	BA PPM	er PPM	CA %	CO PPM	CR PPM	CS PPM	FE	HF PPH	HG <u>PPH</u>	18 899	¥	MO NA <u>PPM PPM</u>	NI PPM	RB PPM	SB PPM	SC PPM_	Si PP:
84901-05	⟨5	⟨5	22	(199	⟨1	<u>-</u> 5	36	180	(2	7.27	2	⟨1	 ⟨5	<0.5	7 20000	<50	(30	0.9	 35	 (§
84901-06	√5 √5	⟨5	27	(100	₹1	7	39	180		7.46	⟨1	₹1	₹5	1.0	(5 18400)	(50	(30	0.8	36	⟨!
		\5	25	(100	⟨1	5	37	160	⟨2	7.01	3	₹	√5 - √5	⟨0.5	(5 17400	<50	⟨30	0.8	34	Ċ.
84901-07	⟨5							77				₹1	\5 \ 5	⟨0.5	(5 10300	110	(30	0.3	36	Ö
84902-02	5 75	₹5 ₹5	⟨2	<100	(1	/	36 36	77 85	(2	7.31 7.44	1	(1 (1	\5 (5	(0.5	(5 10500 (5 8400	(50	(30	V.J	36	
84902-03				169	{1_	<u> </u>	<u>.:t-</u>		- 37	_/_AA	L		15_	10.5	15 5400	130	1.50	- U -4	<u></u>	
84992-04	⟨5	⟨5	⟨2	⟨100	⟨1	6	37	82	⟨2	7.11	2	(1	⟨5	⟨0.5	(5 13900	(50	(30	0.6	37	<
8 490 3-02	₹5	₹5	₹2	250	₹Ϊ	ě.	27	25	3	7.92	2	ä	⟨5	0.6	(5 7200	₹50	⟨30	0.8	34	(
84903-03	\\ 5	(5	⟨2	200	₹1	7	28	26	2	8.03	2	₹1	₹5	(0.5	(5 6580	(50	(30	9.8	33	(
84903-04	(5	₹5 - ₹5	₹2	300	\di	7	32	26 26		8.76	2	(1	⟨5	0.5	(5 6960	(50	(30	0.9	35	Ų.
84984-82	\\ \\	(5	,5 ,5	√100	(1	,	28	28		5 97	4	71	₹5	⟨A 5	<5 11800		(30	0.4	21	Ċ
U# JU# UZ									<u>``</u>				\ U _		W 11000			¥ -	- 4-	
84904-03	⟨5	⟨5	3	(100	₹1	5	23	44	3	4.10	3	<1	⟨5	⟨∅.5	(5 13500	(50	<30	9.4	18	⟨;
84904-04	₹5	⟨5	⟨2	<100	⟨1	4	19	35	3	4.98	3	₹1	⟨5	(0.5	<5 12 00 0	98	(39	0.4	20	₹:
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	< ₹
84905- 0 4	₹5	₹5	₹2	<100	(1	⟨1	37	110	⟨2	7.93	2	₹1	₹5	(0.5	<5 20 90 0	(50	<30	0.4	36	⟨3
84905-05	7_	₹5	<u> </u>	<100	_(1_	8	35	76		8.51	2	(1	₹5	(0.5	<u> </u>	₹50	(30	9.5	35	3.
						_					,,		,,,		/e #600	450	400		4.5	,
84906-04	₹5	₹5	⟨2	(100	-41	5	300	58	₹2		₹1	(1	₹5	1.4	(5 7580		(30	0.3	16	₹.
84906-05	7	₹5	₹2	260	-41	5	17	33	⟨2		3	(1	₹5	1.1	<5 10700		44	(0.2	15	(
84 90 6-06	6	₹5	₹2	<100	α	6	21	37	⟨2		4	(1	₹5	0.6	(5 12200		(30	₹0.2	14	<
849 0 7- 0 8	<5	⟨5	⟨2	220	₹1	⟨1	24	33	₹2	8.08	4	₹1	⟨5	(0.5	(5 25500		<30	₹0.2	18	<:
84907-09	⟨5	(5	2	<100	1_	{1	17_	46		5.36	4_		₹5	₹0.5	<5 34800	₹50	(30	_≼0.2	_14	🔇
84907-1 0	⟨5	₹5	⟨2	<100	⟨1	(1	19	38	⟨2	5.06	3	⟨1	⟨5	⟨0.5	<5 34300	(50	(30	0.3	13	(
84908-08	₹ 5	√5	⟨2	(100	(1	3	₹5	30	₹2		6	ä	₹5	₹.7	<5 6 04 0		(30	⟨0.2	7.8	(
84908- 09	₹5	₹5	₹2	200	ίi	2	₹5	30	⟨2		Š	ä	⟨5	⟨0.5	<5 5386		⟨39	⟨∅.2	5.9	₹
84908-1 0	\\ \\	₹5	₹2	270	(1	2	\5	31		5.90	Ę	₹	√5 √5	0.5	<5 5020		<3 0	₩.3	5.0	×
84909-03	₹9	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	₹2	500	⟨2	⟨1	790	20	(2		11	₹	\\\ \\\\5	1.0	<5 9660			⟨∅.2		
84909- 04	₹5	⟨5	<2	(100	<1	. 31	130	80		2.33	7	₹1	े ⟨5	9.7	<5 71 0 €		<30			<
84 90 9-05	₹5	<5	3	250	(1	3	210	110	⟨2	3,33	6	<1	⟨5	`∢ 0 .5	(5 2100	(50	⟨30		6.1	< <
84910-02	₹5	₹5	6	₹100	<1	4	28	78	<2		4	₹1	⟨5	⟨∅,5	⟨5 ⟨50€		(30	2.6	28	<
84910-03	⟨5	₹5	2	160	⟨1	1	ĝ	56	₹2		7	<1	⟨5	⟨∅.5	(5 1386			1.3		(
84910-04	⟨5	₹5	3				17_	100		7.95	4		₹5		⟨5 ⟨50€			3.3		<
04011.00	/5	/F	_	004	74	4.6	. 66	A4	78	~ 4.4		24	15-		/F 104/	. /FA	474	Λ.4	24	,
84911-02	(5	(5	2	280	(1	19	33	81		6.11	2	(1	(5	0.6	(5 4846		43	9.4	31	<
94911- 0 3	< 5	₹5	⟨2	<100	₹1	7	36	76		6.74	1	<u> </u>	₹5	1.4	<5 3226		(39	₹0.2		₹
84911-04	₹5	₹5	2	(100	₹1	8	34	66		7.07	<1	(1	₹5	9.8	<5 4650					<
84912-03	₹5	₹5	20	190	⟨1	2	34	19		8.91	3	(1	₹5	₹0.5	(5 1660)					<
84912-04	⟨5	₹5	16	<100	₹1	5	33	29	<2	9.25	4	<1	₹5	<0.5	<5 1650((50	<30	1.9	25	4

	Acti	vat	ior	ı La	bor	ato	rie	s L	.td.	•	Wor	·k C	rde	r:	161	4 R	epo	ort:	16	39	
Sample description	AV PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA ¥	CO PPM	CR PPM	CS PPM	FE %	HF _PPM	H6 _PPM_	IR PPB	К %	Mû PPM	NA PPM	NI Mqq	69 PPM	58 PPM	SC PPM	SE PPM
84912-05	⟨5	√ 5	20	⟨100	(1	4	36	19	⟨2	9.38	3	<u> </u>	<5	<0.5	⟨5 1⟩	 7500	(50	(30	1.8	26	 (5
84913-11	₹5 ₹5	₹5	3	(100	(1	6	33	72	⟨2	7.27	1	₹1	⟨5	⟨0.5	⟨5 1		(50	<30	0.4	35	⟨\$
84913-12		₹5	₹2	180	(1	5	410	95	₹2	7.39	⟨1	₹1	⟨5	(0.5	(5.1)		⟨50	⟨30	9.6	37	₹5
84913-13	₹5	⟨5	2	<100	<1	5	43	64	₹2	7.62	2	₹1	₹5	(0.5	<5 1		(56	(39	0.5	37	₹5
84914-02	⟨5	{<5	<2	(100	{1	9	36	67	⟨2	6.57			<5	<u> </u>	⟨5	7749_	₹50	<30	₹0,2	34	₹5
84914-03	⟨5	⟨5	⟨2	<100	₹1	8	37	68	⟨2	7.17	1	₹1	⟨5	⟨∅.5		7320	<50	(3 0	0.5	37	⟨\$
84914 -0 4	12	₹5	2	<100	- (1	9	32	69	2	6.01	<1	- (1	(5	(0.5		625 0	<50	33	0.4	30	⟨5
84915- 0 2	⟨5	<5	6	(100	₹1	5	32	59	₹2	6.30	3	₹1	₹5	(0.5	⟨5 2		₹50	⟨30	₹0.2	24	⟨5
8 4915-0 3	∢5	⟨5	5	<100	⟨1	6	28	56	⟨2	7.27	3	41	₹5	⟨0.5	(5.1)		₹50	43	0.4	26	(5
84915-04	⟨5	⟨5	6	(100			27	59	2	7.84	3	(1	⟨5	<u>(0.5</u>	₹5.1	<u>8200</u>	180	(30	9.5	28	
84916-05	7	⟨5	⟨2	<10 0	1	4	41	150	⟨2	7.68	1	(1	⟨5	⟨0.5	⟨5 2		<50	68	₹0.2	41	₹5
84916 -06	8	<5	₹2	(100	(1	€ 8	47	150	<2	7.71	(1	₹1	⟨5	⟨0.5	₹5 2		<50	₹30	<0.2	3 9	⟨\$
84916- 0 7	7	₹5	⟨2	<100	(1	8	42	140	₹2	7.46	1	₹1	⟨5	⟨0.5	₹5 3		<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 1		(50	<3 0	0.€	26	(5
84917-04	6	₹5	16	⟨100	₹1		41	24	⟨2	9.20	2_		₹5	⟨0.5	⟨5 1	8300	(50	<u>(39</u>	1.2	27	⟨5
84917-05	⟨5	⟨5	14	(100	⟨1	6	42	39	⟨2	9.10	2	(1	⟨5	⟨0.5		9500	₹50	<30	1.1	27	⟨5
84918-08	⟨5	₹5	₹2	<100	₹1	6	40	83		10.2	3	₹1	⟨5	⟨€.5		6500	<50	<30	9.7	42	₹5
84918-09	₹5	⟨5	4	240	₹1	7	39	61	⟨2		3	₹1	⟨5	(0.5		2800	(50	(30	9.9	40	₹5
84918-10	10	₹5	6	(100	{1	6	42	110		10.1	3	(1	⟨5	(0.5		5800	<50	(30	9.8	45	(5
84919-03	⟨5	⟨5	20	⟨100			41	36	3	9.00	2	- {1	⟨5	<u> ⟨0,5</u>	₹5.2	1800	₹59	⟨30	9.9	33	{ ⟨5
84919-04	⟨5	⟨5	16	(100	⟨1	8	45	25	⟨2	8.66	2	(1	⟨5	(0.5	⟨5 2	4300	⟨50	(30	0.6	35	₹5
84919-05	₹5	₹5	17	290	₹1	9	46	28	2	8,56	2	<1	(5	⟨0.5	₹5.2	9499	<50	<30	0.4	39	⟨5
8 4 92 0-06	52 9	₹5	26	(100	⟨1	9	39	. 42	₹2	7.00	1	- (1	⟨5	⟨0.5		£400	<50	⟨30	0.6	38	₹5
8492 0-0 7	240	⟨5	24	<100	<1	8	49	53	⟨2		2	₹1	⟨5	⟨0.5		0700	160	⟨30	Ø.7	46	₹5
84920-08	₹5	₹5	25	{100		8	220	57_		8.23		{1_	⟨5	⟨0.5	(5.1	SE00	₹50	<u> </u>	9.7	45	⟨5
84921-01	⟨5	₹5	4	130	⟨1	6	48	7 0	(2	8.17	1	⟨1	⟨5	⟨0.5	(5.1	6100	⟨50	(30	1.8	43	⟨5
84921-02	₹5	₹5	2	(100	₹Î	6	51	68		8.12	Ī	- ä	⟨5			5800	₹50				₹5
84921-03	₹5	₹5	3	<100	₹1	8	47	62	₹2		2	$-\ddot{a}$	₹5	₹0.5	₹5 1	4900	₹50	(30	1.2		₹5
84922-03	₹5	₹5	29	320	- ä	12	48	42	3		(Ī	$-\ddot{a}$	₹5	1.0	₹5	1070	130	34	1.5		₹5
84922-04	⟨5	₹5				10	50	65	4	8.27	2	(1	<u>(5</u>	1.4		1170	97	41		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 √5	3 9	(100	₹1	7	51	93	⟨2		3	(1	(5	(0.5		9200	(50	(39	3.1	34	√5
8 4 923-03	₹5	₹5	28	(100	₹	8	52	94		9.57	3	ä	(5	₹0.5		21500	₹50	⟨30			₹5
84923-04	\(\frac{1}{5}\)	√5 √5	27	110	₹1	7	51	98		10.0	3	Ä	\\ \\	⟨∂.5		22600	(50	(30	3.3		₹5
84924-04	⟨5	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	9	{100	\vec{A}	7	42	350		5.84	3	$-\ddot{a}$	\\ ⟨5			30100	180	41		25	₹5

1	Acti	vat	ion	ı La	bor	ato	rie	s L	.td.	•	Wor	k 0	rde	r:	1614 R	epo	rt:	16	39	
Sample description	AV PPB	AG PPM	AS PPM	BA PPM	er PPM	CA X	CO PPM	CR PPM	CS PPH	FE	HF PPM	HG PPM	IR PPB	K X	MO NA <u>PPM PPM</u>	NI _PPM	RB PPM	S8 PPM	SC PPM	SE _PPM
84925-02 84925-03	5 (5	√5 √5	12 5	<100 <100	(1 (1	8 7	50 46	130 120	2 3	8.57 9.63	 ⟨1 1	⟨1 ⟨1	⟨5 ⟨5	1.2 1.2	<5 166 0 <5 1 0 30	160 (50	46 <30	(0.2 0.3	4 2 4 2	⟨\$ ⟨ \$
84925-04	₹5	₹5	8	210	Ä	10	52	140	3	8.55	2	<1	₹5	1.1	<5 13 00	⟨50	38	0.3	46	⟨5
84925-02	5	₹5	4	(100	<1	7	35	84	₹2	6.82	3	<1	⟨5	⟨0.5	(5 18500	(50	<30	0.8	30	₹ 5
84926-03	⟨5	⟨5_	5_	220		5_	39	56	√2	7.42	4_		⟨5	⟨0.5	<u> </u>	<u> </u>	(30	9.8	_32	₹5
84926-04	⟨5	∢5	4	(100	⟨1	6	37	57	⟨2	7.19	4	₹1	⟨5	⟨0.5	(5 156 00	160	⟨39	0.8	31	⟨5
84926A-04	₹5	₹5	3	900	ά	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	€.82	5	<1	⟨5	9.8	K5 26400	₹50	<30	<0.2		(5
84927-04	7	₹5	3	<100	2	₹1	23	130	⟨2	7.01	5	-41	⟨5	(0.5	<5 28700	₹5 0	(30	0.3	20 20	₹5 25
84927-05	₹5	⟨5_		₹100	(1_	4_	26	140	3	6.59	6_			(0.5	₹5 231 00	<u> </u>	(30	(0.2	_23	
8 4 928- 0 1	⟨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
8492 8-0 3	₹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
8492 9-0 2	₹5	₹5	31	720	<1	2	38	150	2		6	41	₹5	1.8	<5 18100	(50	47	<0.2		₹5 ₹5
84929-03	⟨5	₹5	32	420		2	31_	130	⟨2	4.79	5_	(1_		9.6	(5 21900	<u> </u>	36	₹0.2	25	
84929-04	⟨5	⟨5	37	630	⟨1	2	34	150	⟨2		5	₹1	⟨5	1.6	⟨5 176 00	<50	52	⟨∅.2		<u>(5</u>
84930-02	⟨5	₹5	17	550	₹1	2 2	33	210	5	5.36	5	⟨1	₹5	1.5	(5 22400	<50	48	₹0.2		(5
84930-03	ફ	₹5	16	300	(1		29	199	4	5.37	5	₹1	₹5	(0.5	<5 27800	(59	(3 9	0.2		₹5 75
84930-04	₹5	₹5	12	560	(1	(1	24	120	4	4.30	5	\(\frac{1}{3}\)	₹ 5	2.3	7 18100 <5 28000	92 (50	91 - (30.	₹0.2 ₹0.2		₹5 ₹5
<u>84931-01</u>	⟨5	. (5.	₹2	<u> </u>		5_	30	150		4.52	4.	{1_		<u> </u>	15 28000		1.517.	10_2	<u></u> i	
84931- 0 2	⟨5	⟨5	⟨2	<100	⟨1	5	55	150	₹2	4.79	5	⟨1	⟨5	⟨∅,5	(5 31700	<50	<30	(0.2		⟨5
84931-03	₹5	₹5	2	210	⟨1	5	32	140	⟨2		4	1)	₹5	1.2	(5 29300	130	43	⟨0.2		₹ 5
84932 -0 3	6	<5	2	750	<1	4	18	180	₹2		4	(1	₹5	1.0	(5 324 00	120	45	⟨0.2		(5 /c
84932-04	₹5	₹5	⟨2	610	<1	5	17	200	3		4	(1	⟨5 ⟨5	1.5	<5 32100 <5 31600	<50 <50	43 (30	<0.2 <0.2		₹5 ₹5
84932-05	√5_	⟨5	2	700	<u> </u>	5	21_	180	3	3.23	4		{5		13 31000	100		<u> </u>	3.7	
84933-04	⟨5	(5	⟨2	590	2	₹1	10	290	⟨2		2		⟨5	1.2	(5 13000	₹50	33			(5
849 33-05	⟨5	⟨5	₹2	450	₹1	5	18	210	2		4	(1	₹5	1.4		120		(0.2		(5
84934-02	₹5	₹5	⟨2	800	<1	2	8	160	₹2			<1 31	(5	2.2	(5.36900	(50	75			
84934-0 3	⟨5	⟨5	⟨2		₹1	3	11	140	3		4	(1	₹ 5	2.6	(5 37600 (5 04000	(50 (50	130	0.3 (0.2		
84934-04	₹5	⟨5	₹2	840		2	9	150	3	1.81	3	(1_	⟨5	2.3	<u>(5 34900</u>	<u> (50</u>	5.507	\07 Z	4.5	75
84935-02	6	₹5	₹2	690	<1	3	10		₹2				⟨5	2.4	<5 33300	120	65			
84935-03	⟨5	⟨5	⟨2	900	<1	4	10		4			(1	₹5	2.3		(50	110			
84935-04	⟨5	⟨5	⟨2	700	<1	4	10		4			(1	₹5	2.3		120	93			
94936-03	₹5	(5	⟨2		(1	3	7	150				$-\frac{\alpha}{4}$	₹ 5			130 750	59 04			
84936-04	<u> </u>	<5		950	(1_	3	9	149		1.82	3	(1	<u> </u>	2.5	<u> </u>	<u> </u>	20	<u> </u>	4.6	<u>{\$5</u> .

84912-bldr

i	1	1 1	1 1	I	1 1	ı	1 1	l	1 1 1 1	1
		Activa	tion Lab	oratori	es Ltd.	Work	Order:	1614 Re	port: 1639	
	Sample description	SN SR % %	TA TH I			NO SM E PPM PPM PP		LU CU M99 M99		
	84901-05 84901-06 84901-07 84902-02 84902-03	(0.02 (0.05 (0.02 (0.05 (0.02 (0.05 (0.01 (0.05 (0.01 (0.05	2 <0.5 <0 <1 1.0 <0 <1 <0.5 <0	5 <4 <50 5 <4 <50	4 10 4 9 1 2 4	\$\begin{array}{cccccccccccccccccccccccccccccccccccc	0 (0.5 2.89 8 (0.5 2.38 5 0.7 2.23			
	84902-04 84903-02 84903-03 84903-04 84904-02	<pre><0.02 <0.05 <0.01 <0.05 <0.01 <0.05 <0.01 <0.05 <0.01 <0.05 <0.01 <0.05</pre>	<pre></pre>	5	3 7 2 3 8 3 9	(5 1.4 0. (5 2.0 0. (5 2.0 0. 9 2.1 0. 16 3.6 1.	.8 <0.5 3.17 .8 <0.5 3.35 .8 0.6 3.35	0.55 86 0.60 109		
· · · · · · · · · · · · · · · · · · ·	84 904-0 3 84904-04 84905-03 84905-04 84905-05	<0.01 <0.05 <0.01 <0.05 <0.02 <0.05 <0.02 <0.05 <0.02 <0.05	6 (1 0.6 (0 6 (1 1.1 (0 6 (1 0.7 (0	,5	8 16 3 7 3 6	45 2.1 0	.9 0.6 2.02 .9 0.6 2.52 .8 (0.5 2.74 .8 (0.5 3.23 .1 (0.5 3.62	0.43 73 0.50 65 0.53 52		
, ,	84906-04 84906-05 84906-06 84907-08 84907-09	<0.03 <0.05 <0.01 <0.05 <0.01 <0.05 <0.02 <0.05 <0.02 <0.05	5 12 1.1 (0 5 2 1.1 (0 5 (1 0.9 (0 5 (1 (0.5 (0	.5 11 105 .5 79 154 .5 4 191	5 13 23 4 13 21 1 14 23	12 3.0 0 14 3.0 1 20 3.1 1	.8	0.62 34 0.58 30 0.67 240		
	84907-10 84908-08 84908-09 84908-10 84909-03	<0.01 <0.05 <0.01 <0.05 <0.01 <0.05 <0.01 <0.05 <0.01 <0.05 <0.01 <0.05 <0.07 <0.06	5	.5	5 15 29 9 15 30 7 16 31	19 3.8 1 16 3.7 1 12 3.7 1	.3 (0.5 3.46 .0 1.3 6.09 .1 0.9 6.74 .0 1.0 7.36 .5 (0.5 10.4	1.08 11 1.19 5		
	84909-04 84909-05 84910-02 84910-03 84910-04	(0.02 (0.05 (0.03 (0.05 (0.01 (0.05 (0.01 (0.05 (0.01 (0.05	5 9 1.7 2 5 <1 0.9 <0 5 1 2.9 1	.4 990 131 .5 15 241 .0 9 101	7 18 34 5 13 23 9 22 39	17 5.1 1 12 3.5 1 19 4.1 1	.3 1.6 6.82 .4 1.7 7.63 .1 1.1 5.44 .1 1.5 7.86 .1 <0.5 5.02	1.08 21 0.98 73 1.35 5		
· · · · · · · · · · · · · · · · · · ·	84911-02 84911-03 84911-04 84912-03 84912-04	<0.01 <0.05 <0.01 <0.05 <0.01 <0.05 <0.02 <0.05 <0.02 <0.05 <0.02 <0.05	5	.5	5 3 6 7 2 7 9 9 18	(5 1.6 0 (5 1.3 0 10 3.6 1	0.6	0.49 82 0.41 100 0.73 48		

	l	1	1		1	.1		1			1		Ĭ	l		1	1			1 -	1
	Act	ivat	ion	La	bor	ato	rie	s L	td.		Wor	k ()rda	∍r:	161	14 Re	epor	t:	163	9	
Sample description	SN X	SR #	TA PPM	HT K99	V PPM	₩ _PPM	ZN PPM	LA PPM	CE PPM	NO PPM	SM PPM	EU PPM	TB PPM	Y8 PPM	LŲ PPM	CU PPM					a managar (a) a segger (a)
84912- 0 5	<0.02	<0.05	⟨1	0.6	⟨∅.5	₹4	178	10	23	₹5	3.7		⟨0.5		0.79	46					
84913-11	₹0.02		(1	0.5		₹4	139	3	6	₹5	1.6		⟨∅.5		0.37	75 70					
84913-12	(0.04			(0.5		1800	(50	3	5	₹ 5	1.6	⟨0.2	⟨ 0.5		0.33	78 86					
84913-13	<0.02	(0.05 (0.05		<0.5 <0.5		24	<50 178	2	Į E	⟨5 ⟨5	1.6	0.7 0.5		2.72 2.53		- 86 - 88					
84914-02	(0.01	30.05		10.5	10.5		1/0						_\Vō-								
84914-0 3	(0.01	(A A5	(1	⟨0.5	(0.5	⟨4	217	2	7	⟨5	1.5	0.6	0.9	2.51	€.41	85					
84914-04	⟨0.01		⟨1	⟨∅.5		₹4	98	2	É	₹5	1.5	0.6	(0.5	2.04	0.38	70					
84915-02	(0.02		₹1	1.1	(0.5	₹4	292	9	17	11	2.5	0.9	₹0.5		0.41	67					
84915-03	<0.01		₹1	⟨0.5		<4	270	10	18	9	2.6	9.8		2.61							
 84915-04	(0.02	(0.05		(0.5	1.4		437	11	21	12_	2.8	1.0	⟨0.5	2.79	0.46	£5_					
04047 65	/0.00	/A AF	21	/A F	/A F	24	155	2	c	/E	1 7	4.7	/A E	2.19	0.54	90					
84916-05	(0.02			(0.5		₹4	155 (ca	J	6	⟨5	1.7 1.7	0.7 0.8		2.13		87					
84916-06 84916-07		₹ 0.05 0.13	(1 (1	₹0.5 ₹0.5		49 {4	⟨50 ⟨50	3 3 3	6	8 (5	1.8	0.8		2.53							
84917- 0 3		(0.05	₹1		₹0.5	₹4	222	E.	10	12	2.8	1.0		2.77							
84917-04		⟨0.05	ä	1.0	₹0.5	₹4	166	ž	16	16	3.1	1.3		2.61	0.44						
84917- 0 5	₹0.02	(0.05	₹1	⟨0.5	⟨0.5	<4	⟨50	ક	12	⟨5	3.0	1.2				118	•				
84918-08		(0.05	2	⟨0.5	1.4	⟨4	163	5	16	₹5	2.8	1.1	(0.5			102					
84918-09		<0.05	₹1	⟨0.5	⟨0.5	<4	(50	5	13	₹5	2.9	1.1	€.9		9.69						
84918-10		⟨0.05	₹1	0.8	(0.5	₹4	168	4	11	₹5	2.8	1.1		3.49							
 84919-03	(0.02	(0 05	{1	⟨ 0 5	⟨0.5	<4	202	ь	11_	⟨5_	2.8	1.2	<u> </u>	2.34	0.35	137					
84919-04	/A A2	(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		₹ 0.05	₹1	⟨0.5	1.2	⟨4	(50	5	8	10	2.2	1.0	⟨∅.5		0.30						
84920-06		(0.05	₹i	⟨0.5		₹4	150	3	11	₹5	1.6	0.5									
84920-07		₹0.05		(0.5		₹4	120	3	7	11	1.9	0.7		2.18							
 84920-08		(0.05	8	(0.5	(0.5	910	₹50	3_	11_		1.8			2.26							
																± -					
84921-01		(0.05		(0.5		5	130	3	6	(5	1.5			1.96		. 80					
84921-02		(0.05	(1	(0.5		6	75	2 2 3	6	₹ 5	1.5	0.7		2.03		89					
84921-03		(0.05	(1	<θ.5		- ₹4	(50	7	9	⟨5 /£	1.5	0.7		2.08		87					
84922-03 84922-04		<0.05 <0.05	(1 - (1	⟨0.5	(0.5 (0.5	4	130 130	3	8	₹5 ₹5	1.5			1.57 2.15							
04377-04	10.01	10.05		7 3	10.3		150					<u>ū i</u>					·				
84922-05	(0.01	(0.05	(1	⟨∅.5	(0.5	4	170	3	5	⟨5	1.8	0.6	0.8	1.97	0.33	87					
84923-02		(0.05	₹1	(0.5	⟨∅.5	₹4	⟨5∂	3 6	13	₹5		1.0		1.80							
84923-03		⟨0.05	₹1	₹0.5		₹4	₹50	5	12	8		0.7		1.92							
84923-04		(0.05		(0.5		₹4	140	ε	16	11				2.00							
84924-04		(0.05			(0.5	100	(50		9	⟨5				1.83							

	Act	ivat	tior	n La	abor	ato	rie	es L	.td.		Wor	·k C)rde	er:	161	4 Repor	t:	1639	€	
Sample description	SN X	SR ¥	TA PPM	TH <u>PPM</u>	U PPM	₩ PPM	ZN PPM	LA PPM	CE PPM	ND _PPM_	SM PPM	EV PPM	TB PPM	Y8 PP #	LU PPM	CU PPM	<u></u>			····
84925 -0 2	<0.01	⟨0.05	⟨1	⟨∅.5	(0.5	⟨4	180	3	.7	⟨5	1.6	0.7	(0.5	2.02	0.35	 88				
84925- 0 3	<0.01	(0.05	₹1	(0.5	₹0.5	₹4	130	3	7	₹5	1.7	0.6	₹0.5	2.20	0.36	82				
84925 -0 4	(0.01	(0.05	<1	₹0.5	(0.5	13	140	3	8	<5	1.8	9.7	₹0.5	2.07	0.38	89				
84926-02		(0.05	₹1	0.5	(0.5	₹4	₹5θ	10	18	17	2.7	0.9	₹0.5	2.24	0.35	67				
84926-03		(0.05	<u>i</u> _		(0.5	- ⟨4	120	10	20	11	3.0	1.0			0.40	75				
84925- 0 4	(0 01	(0.05	⟨1	0 .5	⟨∂.5	⟨4	150	10	17	13	2.8	0.9	⟨∅,5	2.13	0.42	72				
84926A-04		(0.05	₹		0.8	₹4	150	10	21	8	2.8	1.1				67				
84927-03		(0.05	₹	1.9	⟨0.5	₹4	150	12	24	12	3.0	0.9		1.88		45				
84927-04		⟨0.05	₹ï		1.2	₹4	200	22	37	22	3.7	2.1			0.29	48				
84927-05		⟨0.05		2.0			140	49	58	23					0.33	50				
84928-01	/A A1	0.07	/1	8.7	2.9	- ⟨ 4	<50	23	31	13	2.2	0.8	/A E	A 74	0.16	11				
																7				
84928- 0 2		(0.05	⟨1		2.7	- ₹4	⟨50	24	33	11	2.3	8.9		1.01		i r				
84928-03		(0.05	1	9.4	2.8	₹4	62	25	36	15	2.3	1.6		0.84		6				
84929-02		(0.05				₹4	120	17	32	16	3.3				0.36	60				
84929-03	₹0.02	(0.05	(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		<0.05	(1	2.5	1.0	<4	120	19	33	14	3.4	1.5	(0.5	1.80	0.32	64				
84930-03		₹0.05	₹1	2.5	⟨0.5	₹4	100	17	27	10	3.2	2.3			0.34	62				
84930-04		(0.05	<u>(i</u>	2.8	(0.5	₹4	140	16	29	21	2.8	1.0			0.27	40				
84931-01		₹0.05	₹1		1.2	30	110	12	28	13	3.3	1.1			9.44	105				
				/A F		^^	/FA	4.0					/A F		A 46	404				
84931-02		(0.05		(0.5		99	(50	13	29	12	3.7	1.4		2.27						
84931-03		₹0.05	₹1		(0.5	₹4	170	13	32	26	3.7	1.5	0.6		9.37	1 00				
84932-03		0.13	⟨1		(0.5	₹4	99	39	65	31	4.7	1.4		0.81		35				
84932-04		0.12	(1		2.2	₹4	(50	39	62	32	4.9	1.4			0.09					
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		0.11		5.6		4	⟨50	35	€3						0.13					
84934 -0 2		0.10	₹1	6.5	1.4	₹4	⟨59	29	45	25	2.9	1.0			0.13	7				
84934-03		0.08	₹		(0.5	₹4	100	30	47	17	3.1	1.0			0.07	Ā				
84934-04		0.09			⟨0.5		₹50	26	43	16	2.6	0.8			0.07	3				
84935- 0 2	(A A)	(0.05	⟨1	4.7	3.5	₹4	⟨50	25	39	14	2.4	до	/A E	a ca	0.12	A				
84935-03		<0.05 <0.05	₹1	6.3	2.7	₹4	<5 0	47	71	28	4.5	1.2			0.12					
84935-04		(0.05	\(\frac{1}{1}\)	7.6	2.7	\4 {4	₹5 0	49	73	28 31	4.5	1.3			0.12					
84936-03		0.05	\(\frac{1}{1}\)	4.6		\4 \4	\50 \50	27	73 42	18	2.7	0.9			0.10					
84936-04		(0.05	2		⟨0.5	₹4	150 (50	27	44	15	2.7	1.0			0.05					

	Activ	ation	Labor	atori	es L	td.	į	Wor	k C)rd∈	er:	161	4 Ke	:por	t:	1637	
Sample description	SN (TH U PM PPM	W ZN PPM PPM		CE PPM	ND PPM	SM PPM	EV PPM	TB PPM	SY M99	LV PPM	CU PPM				
84936-05 84937-03 84937-04 84937-05 84938-03	<0.02 0.0 <0.02 <0.0 <0.02 <0.0 <0.02 0.0 <0.01 <0.0	95 (1 4 95 (1 5 13 (1 4	.7 1.5 .7 (0.5 .3 (0.5 .2 (0.5 .2 (0.5	<4 <50 <4 <50 <4 <50 <4 <50 <4 130 <4 <50	32 28 24	45 51 45 34 31	16 17 21 17	2.4 2.7 2.5 2.3 4.0	0.8 0.9 0.8 0.7	⟨0.5 ⟨0.5 ⟨0.5	0.30 0.35 0.49 0.37 5.24	⟨0.05 0.08	1 2 2 16 15				
84938-04 84938-05 84939-22 84939-23 84939-24	<pre><0.01 <0.0 <0.01 <0.0 <0.02 <0.0 <0.02</pre>	05	.4 0 .8		17 20 9	38 43 19 22 23	15 21 7 45 45	3.9 4.1 2.3 2.4	1.1	(0.5 0.9 (0.5 (0.5	5.05 5.43 2.27 2.26 2.33		18 3 58 49 36				
84933 -24 84912-bldr	(0.01 (0.0		.5 <0.5	<4 <50		(3			0.0		0.19		1				
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APPENDIX F

ACTIVATION LABORATORIES LTD. - HEAVY MINERAL ANALYSES

) Acti	l ivat) Lioi	n La	l abor	ato	orie	 ≥s L	1.	l Wor	l rk ()rde	! er:	1 167	76 F	l Repo	l ort:	. 16) — 从	
_	Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA *	CO PPM	CR PPM	CS FE	HF PPM	HG PPM	IR PPB	M0 <u>PPM</u>	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SR #
	84901-01 84901-02 84901-03 84901-04 84902-02	170 134 319 215 1200	(5 (5 (5 (5 (5	110 120 200 560 110	(200 (200 (200 (200 (200	₹5 ₹5 ₹5 ₹5 ₹5	8 15 8 (2 (2	200 140 200 250 1300	340 400 330 270 220	〈2 20.0 〈2 21.0 〈2 18.6 〈2 19.9 〈2 23.5	170 170 250 210 110	(5 (5 (5 (5 (5	<40 <40 <40 <40 <40	<20 <20 <20 <20 <20 <20	2200 2740 2320 1780 1810	<200 <200 <200 <200 <200 <200	(50 (50 (50 (50 (50	0.6 0.6 2.5 5.9 1.8	55 73 60 52 44	<20 <20 <20 <20 <20 25	
	84903-01 84904-01 84905-01 84905-02 84906-01	60 44 693 120 160	(5 (5 (5 (5 (5	100 140 100 140 43	<2 00 450 560 <200 (200	⟨5 ⟨5 ⟨5 ⟨5 ⟨5	<2 8 7 7 9	240 240 220 300 81	310 270 270 270 230 350	\(\frac{1}{2} \) 16.2 \(\frac{1}{2} \) 17.6 \(\frac{1}{2} \) 17.7 \(\frac{1}{2} \) 18.5 \(\frac{1}{2} \) 16.4	230 140 170 150 290	(5 (5 (5 (5 (5	<40 <40 <40 <40 <40	INT {20 {20 {20 {20	1780 1620 2140 1900 1970	<200 <200 <200 <200 <200	(50 (50 (50 (50 (50	0.7 1.4 1.3 0.6 (0.2	60 55 57 51 68	<20 <20 <20 <20 <20 <20	
	84906-02 84906-03 84907-01 84907-02 84907-03	<7 20 109 46 199	₹5 ₹5 ₹6 ₹5 ₹5	45 170 41 100 79	580 <200 <200 <200 <200	(5 (5 (5 (5 (5	<2 8 <3 7 6	69 160 78 290 130	380 290 430 250 280	\(2 \) 15.3 \(2 \) 18.1 \(2 \) 17.6 \(2 \) 19.4 \(2 \) 16.9	340 190 390 140 190	(5 (5 (5 (5 (5	<40 <40 <40 <40 <40	INT (20 INT (20 (20	198 0 1970 4560 2200 2370	<200 <200 <200 <200 <200	(50 (50 (50 (50 (50	<0.2 0.4 <0.2 <0.2 0.9	62 68 54 57	<20 <20 <20 <20 <20 <20	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2
	84907 -0 4 84907-05 84907-06 84907-07 84908-01	32 114 (5 104 3 0 2	<5 <5 <5 <5 <6	89 120 140 250 130	<200 <200 <200 <200 <200 <200	<5 <5 <5 <5 <5	10 9 8 5	130 120 130 134 120	320 390 270 300 490	\[\begin{align*} & 20.1 \\ & 19.7 \\ & 22.1 \\ & 27.8 \\ & 22.7 \end{align*} \]	170 180 130 71 350	(5 (5 (5 (5 (5	<40 <40 <40 <40 <40	<20 <20 <20 <20 <20 <20	3860 3190 3040 2880 3020	<200 <200 <200 <200 <200 <200	(50 (50 (50 (50 (50	0.9 1.2 2.8 0.1 1.3	64 70 51 36 77	<20 <20 <20 <20 <20 <20	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2
	84908-02 84908-03 84908-04 84908-05 84908-06	52 17 150 107 52	₹5 ₹5 ₹5 ₹5 ₹5	61 31 46 49 64	<200 <200 <200 <410 650	⟨5 ⟨5 ⟨5 ⟨5 ⟨5	7 <2 6 9 <2	99 76 86 89	310 350 310 300 310	\(2 \) 15.7 \(2 \) 15.2 \(2 \) 15.5 \(2 \) 15.8 \(2 \) 16.4	250 340 250 240 290	<5 <5 <5 <5 <5	<40 <40 <40 <40 <40	<20 <20 INT <20 INT	2370 2340 2490 2200 2370	(200 (200 (200 (200 (200	(50 (50 (50 (50 (50	(0.2 0.5 (0.2 0.3 0.8	54 60 56 57	<20 <20 <20 <20 <20 <20	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2
o Abrahamania	84908-07 84909-01 84909-02 84909-028 84910-01	5 954 744 286 351	⟨5 ⟨5 ⟨5 ⟨5 ⟨5	32 94 110 96 33	<200 <200 <200 <200 <200 <200	(5 (5 (5 (5 (5	(3 8 9 (1	56 99 130 120 160	260 310 300 300 66	\[\begin{align*} & 11.8 \\ & 17.7 \\ & 16.5 \\ & 15.7 \\ & 16.6 \\ \end{align*} \]	290 220 170 140 34	(5 (5 (5 (5 (5	<40 <40 <40 <40 <40	INT <20 <20 INT <20	2510 2100 2660 3050 966	<200 440 <200 <200 <200	(50 (50 (50 (50 55	1.6 0.8 0.8 0.8 3.7	55 60 56 59 48	<20 <20 <20 <20 <20 <20	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2
The state of the s	84911-01 84912-01 84912-02 84913-01 84913-02	718 579 285 126 135	<6 <5 <7 <6 <5	55 540 110	(200 (200 (200 (200 (200	<5 <5 <5 <5 <5	11 11 9 (3 9	150 86 300 130 120	450 400 340 420 390	\(2 \) 21.8 \(2 \) 18.9 \(2 \) 21.4 \(2 \) 20.7 \(2 \) 18.8	260 270 270 249 300	<5 <5 <5 <5 <5	<40 <40 <40 <40 <40	INT INT (20 (20 INT	3290 3290 3650 2960 3850	<200 <200 510 <200 <200	(50 (50 (50 (50 (50	2.1 1.0 3.0 1.1 (0.2	76 72 69 78 75	<20 <20 <20 <20 <20 <20	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2

84924-01

84924-02

77

153

⟨5

120

120

<200

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⟨2

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330

(2 19.4

(2.18.3)

249

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45

(40)

(40)

INT

INT

2300

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₹200

<59

(50

67

<20

320

<0.2

<0.2

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1

	Acti	vat	ior	n La	bor	ato	rie	s L	td.	•	Wor	k 0	rde	er I	167	76 R	(epc	ort:	16	85		
Sample description	AU PPB	AG PPM	AS PPM	BA PPM	er 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 PDH	SR V	
84924-03 84925-01 84926-01 84926A-01 84926A-02	39 186 195 21 0 69	⟨5 ⟨6 ⟨5 ⟨5 ⟨5	180 560 110 110 67	<200 <200 740 <200 <200	(5 (5 (5 (5 (5	(3 (3 6 8	180 850 350 120 93	390 320 380 350 220	(2 (2 (2 (2 (2 (2	19.6 25.6 22.4 19.5 12.5	230 200 280 220 220	(5 (5 (5 (5 (5	<40 <40 <40 <40 <40	<20 INT INT <20 <20	2580 2070 2170 1870 1250	680 (200 (200 760 (200	<50 <50 <50 <50 <50	1.7 3.3 (0.2 1.2 0.8	65 52 61 70 38	<20 <20 <20 <20 <20	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2	
84926 A-0 3 84927 -0 1 84927- 0 2 84929- 0 1 84930-01	345 80 161 31 81	(5 (5 (5 (5 (5	210 160 140 130 180	<200 <200 610 <200 <200	(5 (5 (5 (5 (5	(2 6 (2 (2 1 0	160 210 170 100 210	330 330 420 330 450	(2 (2 (2 (2 (2	19.6 20.3 22.8 17.8 25.1	200 120 200 230 250	<5 <5 <5 <5 <5	<40 <40 <40 <40 <40	(20 (20 INT (20 (20	2540 1710 2310 1830 2330	<200 <200 290 <200 <200	(50 (50 (50 (50 (50	(0.2 1.2 1.1 1.7 1.8	68 60 68 62 66	(20 (20 (20 (20 (20 (20	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2	
84932-01 84932-02 84933-01 84933-02 84933-03	52 67 79 64 147	(5 (5 (5 (5 (5	99 69 86 93 60	<200 <200 530 <200 <200	<5 <5 <5 <5 <5	9 6 9 6 7	140 170 160 180 190	260 270 280 260 340	〈2 〈2 〈2 〈2 〈2 〈2	15.6 16.1 17.9 18.9 17.3	120 170 170 150 250	₹5 ₹5 ₹5 ₹5	<40 <40 <40 <40 <40	(20 INT (20 (20 INT	2280 2230 1780 2120 2340	<200 <200 <200 <200 <200 <200	<50 <50 <50 <50 <50	0.4 0.9 0.5 0.7 1.2	61 56 61 59 64	(29 (28 (28 (29 (29	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2	
84934-01 84935-01 84936-01 84936-02 84937- 0 1	101 79 217 191 54	<5 <5 <5 <5 <5	72 90 88 58 100	<200 <200 <200 <200 <200 <200	₹5 ₹5 ₹5 ₹5 ₹5	9 <2 <2 <2 <2	180 180 170 160 210	400 330 320 280 260	〈2 〈2 〈2 〈2 〈2 〈2	18.5 18.8 18.1 17.1 17.8	150 210 190 190 240	(5 (5 (5 (5 (5	<40 <40 <40 <40 <40	INT INT INT INT <20		(200 (200 (200 (200 (200	(50 (50 82 (50 (50	0.8 0.9 1.1 0.8 1.7	59 57 55 51 56	(20 (20 (20 (20 (20 (20	(0.2 (0.2 (0.2 (0.2 (0.2 (0.2	
84937-02 84938-01 84938-02 84939-01 84939-02	129 867 85 70 204 0	(5 (5 (5 (5 (5	76 88 97 170 170	<200 <200 <200 <200 650 <200	(5 (5 (5 (5 (5	6 (2 (2 (2 9	100 180 210 210 200	350 289 280 330 400	(2 (2 (2 (2 (2	17.5 17.3 23.9 20.3 23.2	330 160 160 160 240	(5 (5 (5 (5 (5	<40 <40 <40 <40 <40	INT <20 INT <20 INT	2890 1810 2070 2150 1970	<200 <200 <200 <200 <200 <200	<50 <50 <50 <50 <50	1.3 <0.2 1.4 0.7 1.5	62 58 55 60 67	<20 <20 <20 <20 <20	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2	
84939- 0 3 84939- 0 4 84939-05 84939-06 84939-07	440 58 162 86 -59	(5 (5 (5 (5 (5	100 120 100 96 85	<200 <200 <200 <200 <200	(5 (5 (5 (5 (5	<2 13 11 7 7	160 140 100 120 120	370 410 390 310 330	(2 (2 (2 (2 (2	21.6 20.6 17.3	260 300 290 230 249	(5 (5 (5 (5 (5	<40 <40 <40 <40 <40	(20 (20 INT (20 20	2640 2850 2470	400 <2 00 <200	(50 (50 (50 (50 (50	0.9 2.0 0.3 0.4 (0.2	69 72 71 61 61	(20 (20 (20 (20 (20	<0.2 <0.2	
84939-08 84939-09 84939-10 84939-11 84939-12	150 69 293 37 119	⟨5 ⟨5 ⟨5 ⟨5 ⟨5	86 110 88 81 96	540 <200 <200 <200 <200	(5 (5 (5 (5 (5	8 8 <2 7 6	92 110 120 120 110	290 400 350 400 330	〈2 〈2 〈2 〈2 〈2	21.6 19.6 19.5	230 310 290 360 270	(5 (5 (5 (5 (5	<40 <40 <40 <40 <40	INT (20 INT INT INT	2920 2600 2640	<200 <200 <200	(50 (50 (50 (50 (50	(0.2 0.4 (0.2	56 71 67 70 56	(20 (20 (20 (20 (20	<0.2 <0.2 <0.2	

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	M) PPM.	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SR %	
84939-13 84939-14 84939-15 84939-16 84939-17	86 5 00 359 173 7760	(5 (5 (5 (5 (5	93 110 110 85	<200 <200 <200 <200 <200 <200	⟨5 ⟨5 ⟨5 ⟨5 ⟨5	6 <2 <2 <3 7	130 110 130 110	390 420 360 450 370	(2 (2 (2 (2 (2	19.9 21.8 21.8 21.4 21.7	310 360 270 310 280	< \(5 \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	<40 <40 <40 <40 <40 <40	INT INT INT (20 (20	1920 2200 1890 1890 1880 2080	<200 <200 <200 <200 <200 <200	<50 <50 <50 <50 <50	1.4 (0.2 1.0 (0.2 0.4	59 54 64 65 64	<20 <20 <20 <20 <20 <20	<pre></pre>	
84939-18 84939-19 84939-20 84939-21	784 325 458 371	(5 (5 (6 (5	410 270 770 230	(200 630 (200 (200	(5 (5 (5 (5	9 10 12 (3	37 0 260 42 0 260	3 00 380 490 490	〈2 〈2 〈2 〈2 〈2	21.3 26.4 39.6 28.0	180 200 340 310	(5 (5 (5 (5	<40 <40 <40 <40	(20 INT INT (20	2220 2820 2980 2980 3250	570 <200 <200 <200	<50 <50 <50 <50	3.6 3.3 6.2 1.9	54 62 72 71	<20 <20 <20 <20 <20	(0.2 (0.2 (0.2 (0.2	

Sample description	TA PPH	TH PPH		PPH	ZN	LA	CE PPH	MO M99	SM PPN	EV PPM	TB PPH	YB PPH	LU PPH	CU	Kass g	
84901-01	13	61	11	150		210	370	150	31	7.2	~~~~ (2	24.1	3.5	285	16.60	The state of the s
84901-02	17	73		160		260	430	220	37	8.9	5	32.5	5.8	279	24.70	
84901-03	15	61		-77		210	400	180	33-	9.9	4-	28:9	4.5	320	10.56	· · · · · · · · · · · · · · · · · · ·
84901-04	11	48	11	340		180	370	150	31	7.4	4	24.5	3.6	535	7.900	
84902-621	8	35	8.5	460	(200	146	316	150	36	6.8	5	17.9	2.7	1645	5.100	
84983-01	14	74	19	170	(200	310	690	390	68	16.2	8	29.8	4.4	616	12.30	
84904-01	9	51	8.8	91	(200	186	360	180	32	7.4	5	21.0	3.1	294	13.30	•
84905-01	12	52		230	(200	220	440	220 -	42		Ę	23.1	3:5		12.30	
849 05-0 2	8	48	9.7	196		170	350	186	33		5	29.6	3.1	1445	11.29	
84996-01	13	84	18	62	220	276	470	180	38	9.8	b	30.0	4.7	Z14 	16.00	
84966-02	16	78	17	240	(200	25 0	530	250	45	16.3	6	33.3	4.7	178	5.6 00	
8 498 6-83	14	57		250		220	450	210	41		5	25.7	3.7		4.100	
84907-01	17	85		73		330	520	190			8	35.5	·E.9·-		19.20	granismoja, integralis gargina internativalista madena medenga P. Perra in
84907-02	11	50		650		200	350	190	31	8.6	5	21.2	3.2	267	15.69	
84907-63	14	60	11	650	(200	250	440	170	33	8.1		24.4	3.7	227	14.80	
84907-04	18	56	18	330	(2 00	250	420	200	40	9.6	6	29.7	5.3	264	19.20	
84907- 6 5	18	72	13	88	(200	240	420	190	4 0	10.3	6	33.0	5.8	191	19.90	
84907-06	8	28			230	120	250	130	22			20.4°	2.9		7.600	Committee of the second of the
84907- 0 7	5	19		63	(200	74	160	78	13		2	11.7	1.8	295	10.50	
84908-01	24	97	21	110	(200	370	610	270	54	13.0	16	44.7	7.5	1/1	18.80	and the second s
84908-62	13	65		170		210	380	176	32			24.7	3.7	185	16.30	
84908-03	13	73		51		250	450	200	38			38.0	4.6	259	12.50	
84908-04 04000_0E	15			59		230	400	170	33				4:1	231	14:86	
84908-05 849 08-0 6	15 17	73 87		99 180	<200 <200	240 310	420 630	19 0 330	35 60			27.1 32.6	4.2 4.7	128	15.69 9.70 0	
04740~00				100	\ZVV	214	030	-		10./		32.0	4.1	347	3.199	
8 4998-0 7	34	130	35	65			1500	1000	186		17	38.8	5.9	48		
84989-61	16	71		90	270	240	410	189	34	7.9	5	28.9	4.4		14.70	
84999-02	13			910		200	350	170	31			25.9	4.8	137	10.20	
84909-028	16			550		200	440	220	41	9.1	8	27.0	3.9	116	6.700	
84910-01	2		3.4	240	(200	78	160	73	16	3.4	<u> </u>	8.9	1.4	₹ ₽₹₽	12.49	
84911-61	23			500	510	330	550	290	52	12,3	₹2	37.6	7.1	240	18.8 0	
84912-01	20	77	20	76	380	320	52 0	270	40	12.3	6	39.3	7.0	99	22.20	

															an annua maga an a an angang maga angang maga an dag m aga bahan an ang maganan karam atan maganan an antara da an da an da an da	
Sample description	TA PPH	TH PP N	PPM	PPH	ZN PPH	LA PPH	CE PPM	ND PPH	SM PPM	PPH	TB PPM	YB PPN	PPK	CU PPN	Kass 9) (
84913-03	21	84	24	130	⟨200	330	550	240	49	12.7		36.0	6.9	139		
84913 -84 84913 -85	23 17	76	22 13	120	<200 200	30 0 240	49 0 438	250 150	45 36		5	36.2 -30.9	6.5 4.7	440	19.6 0 14.40	
84913-05 84913-06	14	75		116	216	240	480	210	30 4 0	8.8 8.5	6		4.7		8.100	
34913 -0 7	13	71		270	(200	240	430	190	35	8.1	5		4.7	183		1
3491 3-0 8	15	120	20	99	(200	250	460	170	35	8.4		31.5	4.9		10.70	
34913-09	19	79	18	65	⟨200	246	430	180	35	8.1			5.1		10.56	
34913-10 ··· - ·· · · · · · · · · · · · · · · ·	14		13	250	(200	260 ·-	480	250	38-	9.2	⟨2		5.5		10:80	
34914-01 34915-01	14 14	78 68	16 14	93 50	<200 <200	26 0 23 0	480 460	22 0 21 0	49 41	9.3 9.5	5	32.7 28.6	4.9 4.6		15.6 0 5.4 00	İ
M220 V2					/TAA		400			7.0		40.0	4.0	1.70	U.497	j
34916 -0 1	14	84	16	67	<200	270	470	190	36	9.6	<2	32.8	4.8	166	16.60	
94916 -0 2	13	79	19	71	(200	250	440	200	35	8.1	5		4.9	253		1
4916-63	12-	66			-(200 -	220	420	-190-	35	7.7	·		5:0		12:00	
34916- 04	12	53	13	4	(200	210	440	239	38	9.8	5		5.0		6.300	ĺ
4917-01	15	69	20	140	(200	240	410	150	33	8.8	ţ.	26.4	4.7	262	15.86	
¥917-02	19	78	14	400	⟨200	250	450	200	37	8.9	4	31.9	4.7	590	13.50	
14919-01	17	91	18	220	(200	280	490	210	39	9.6		32.3	5.3	116]
34918 -0 2	25 -		32	460	220-	-330-	540	239-					-0.3		-18.60	: :
34918-03	14	74	17	160	200	240	426	200	35	7.9		29.4	4.8		14.39	
34918-04	15	81	18	110	(200	260	440	200	37	9.0	6	32.7	5.3	160	12.70	
491 8-0 5	15	68	17	79	(200	230	430	190	33	8.1	⟨2	32.0	5.3	109	12.10	
491 8-8 6	15	76	17	160	(200	248	430	220	36	9.4		35.6	5.7	158		
14918-67	11	55		26 0 ·	(200	-200 -	-340-	150-	30	8.3	5:	27:5	4:8		14.50	
3491 9-0 1	17		17	59	340	289	490	250	43	9.8	7		5.0		14.00	
24919-02	17	77	13	73	₹200	250	440	188	37	8.7	5	36.1	4.5	392	13.90	
492 0-0 1	14	63	14	67	<2 00	228	410	160	35	7.6	7	27.9	A 1	221	13.89	
14920-0 2	12	61		44	250	230	450	220	38	8.5	5	23.0	3.6		14.00	
4920-03	35	57				- 250-	489	-310-		11.6		40.5			20.90	
4926-04	14			940	(200	210	486	180	34	7.8		29.6	4.4		11.30	
4929-05	14	64	11	190	₹200	200	380	160	31	6.9	<2	26.7	4.0	90	14.20	
4922-01	15	83	17	98	(200	270	500	240	41	9.6	Ę	33.2	5.1	264	12.50	
4922-02	12	50		100	240	180	340	170	39	6.7		24.3	3.9		16.40	

		<u> </u>	<u> </u>		1]		1	\		J 							.	
	Acti	vat	tior	ı Le	abor	atc	rie	es L	.td	•	Wor	rk ()rde	ri	1676	Rep	ort:	1685	5
Sample description	TA PPN	TH PPH	U PPH	₩ PPM	ZN PPM	LA PPN	CE PPH	ND PPM	SM PPM	EU PPM	TB PPM	SY PPM	LU	(IV PPH	Hass 9				
84924-03	17	91	17	370	470	249	490	25₩	49	11.5	8	30.6	4.9	3340	5.200				
84925- 0 1	17	200	29	790	(200	320	650	230	52	9.8	10	32.0	5.0	1050	4.200				
84926-61	17-	79	-19	236	270 -	270	-510	-220 -	41			32.8			11.20				
84926A- 0 1	16	81	15	64	(200	280	500	210	43	9.8	6	32.1	5.1		16.90				
84926A- 0 2	10	42	8.9	110	₹200	150	280	140	24	5.6	4	19.6	3.0	482	15.30				
84926A-93	15	69	16	970	230	260	490	280	49	11.6	7	28.3	4.3	285	7.900				
84927-61	13	62	12	159	(266	230	430	220	40	9.3	5	25.2	3.8		15.40				
84927-62	22		20		₹200	310	540	270	- 53	11.3	- E	36.0	6.1	297	19.60			*****	* .
84929-81	18	72		110	(200	256	420	180	35	9.6	5	28.8	4.4	179	15.7 6				
8493 0-0 1	22	96	19	170	210	320	57 0	290	53	10.4	7	38.4	8.8	276	18.20				
84932-01	13	59	12	150	(200	220	430	250	44	10.7	6	25.6	3.8	283	11.00				
84932-62	13	63		270	(200	236	420	200	39	9.2	ě	23.6	3.8		12.80				
84933-01	16	64		210	(200	230-	440	220		10.1	_	28.5			9:000				••
84933-02	13	66	10	180	(200	230	430	210	39	9.4	5	27.2	4.0		14.90				
84933-83	14	63		320	(200	240	440	210	40			26.2	4.3		11.00				
84934 -0 1	17	93	16	230	(200	250	580	360	65	13.5	8	39.0	4.3	20f	5.100				
84935-01	15	69	16	150	(200	246	420	210	37	8.8	_		4.2	160					
84936-01	14	- 64	-15	218	(200-	230	390-	160-	34		€		4.0		-16:10				
84936-02	17	71	14	300	₹260	240	440	210	39	8.6	6	25.8	4.2	128					
84937-01	16	73		230	240	240	400	210	34	7.8	6	26.9	4.3		15.90				
04007-40	17		17	200	/260	200	520	250		10.0	7	26.0	5.1	205	10.50				
84937-62 84938-61	17 12	91 63		300 210	(260 250	300 220	530 380	25 0 180	33	10.2 8.2	. 7 5	39.8 22.1	4.0	373 194	17.10				
84938-02	18	- 61 -			7200 ···	240	430	-210°	43			30.3	- 5 .2	187					
84939-01	14	58		200	(200	210	380	150	31	7.5	5	26.2	3.9		17.79				
84939-02	24	81			(200	310	550	280		11.3	-	39.3		_	17.60				
														- 170	21.04		 	··	
84939 -0 3	13	73		190	(200	270	480	130	38			31.7	5.0		16.3 0				
84 9 39-64	18	86		160	280	340	580	290	54			42.5	7.5		17.90				
84939-65	25	. 88			₹200	350	500	240		11.8	8.	40.7	7.0		19.40				
84939-66	16	68	14		(200	240	410	170	36		7		4.8		15.76				
84939-07	19	<u>71</u>	15	100	(200	250	410	140	35	8.8	<2	28.5	4.8	170	15.90				
84939-08	16	73	16	83	<200	240	420	200	36		(2		4.5	226	12.50				
84939 -0 9	21		24	110	270	360	610	290		11.9	7	43.7	7.6	125					
84939-18	16	83			(200	280	480	240	37	9.1	5	31.6	5.4	287				• •	
84939-11	23	99	24	100	(200	300	500	210	41	10.8	7	32.9	5.7	243	12.60				

TYPAY 28 '90 10:27 ACTIVATION LABS

APPENDIX G

CONCENTRATE BINOCULAR EXAMINATIONS FOR COPPER MINERALS

	Sample No.	Cu (ppm)	Vert. Cont.	Table Feed (kg)	Sample Interval	Observations
processor,	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

84901-0 84901-0 PAGE 1

** INCO ** **DRILL LOG**

:84901-0 BOREHOLE

PROJECT : BLONDEL

PROPERTY NAME: BLONDEL

Latitude 325.00N

NTS/Quad : 32E/10 & 11

: CANADA Country

Prov./state : QUEBEC : MONTGOLFIER Two/County

Claim #

Departure : 1200.00E

Logged by

: KENZIE MACNEIL

Drilled by : BRADLEY BROS.

Drill type

Core size

Section : 12+00E Elevation : 1000.00m

: Au & As Assay reg.

Test Method :

Started : FEBRUARY 14, 1990

FE

X

ZN

PPM

Completed : FEBRUARY 14, 1990 Grid name

BL azimuth BH bearing

Heading

Hole length :

Level

Dip

PRINT DATE +28-AUG-1990 08:03

: SURFACE

: 090

22.00m

** DEVIATION RECORDS **

dip depth azm dip depth dip depth dip depth azm

0.00 360.00 -90.00

COMMENTS :

LEFT IN HOLE NONE

OLD BIT FROM CASA BERARDI JOB 3 HOUR WAIT FOR HELECOPTER

FROM TO DESCRIPTION FROM TO LENGTH SAMPLE# AS AG m PPB PPM PPM 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

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.

84901-0

PAGE 2 ** INCO ** **DRILL LOG**

84901-0

FROM	то	DESCRIPTION	FROM	TO L	.ENGTH	SAMPLE#	AÙ	AS	AG	W	FE	ZN
m	m		m	m	M		PPB	PPM	PPM	PPM	X	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.
fii	ne sand/s	ilt matrix till is cobbly	16.00	17.60	1.60	RX 126646	134.	120.0	<5.000	160.00	21.00	<200.
but	t matrix :	supported. Contains 50%	17.60	19.60	2.00	RX 126647	319.	200.0	<5.000	77.00	18.60	<200.
int	termediate	e to mafic volcanics/	19.60	20.60	1.00	RX 126648	215.	560.0	<5.000	340.00	19.90	<200.
sec	dimentary	clasts and 50% granitic										
cla	asts. At	15.90 metres the till										
bed	comes more	e difficult to penetrate.										
•	16.40 20	0.40 Till matrix is a gray,										
gr:	itty clay	•										
ä	20.40 20	0.60 Fine sand/silt matrix.										
20.60	22.00 i	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), ma	assive to very weakly	21.10	21.60	0.50	RX 126650	< 5.	27.0	<5.000	<4.00	7.46	<50.
fol	liated, w	eakly calcareous with very	21.60	22.00	0.40	RX 126651	< 5.	25.0	<5.000	<4.00	7.01	<50.
mit	nor epido:	te alteration& contains										
tra	ace disse	minated pyrite.										

PAGE 2

Claim #

PAGE 1

1

84902-0

18.00m

PRINT DATE :28-AUG-1990 08:11

: SURFACE

: 090

** INCO ** **DRILL LOG**

BORFHOLE :84902-0

PROJECT : BLONDEL

PROPERTY NAME: BLONDEL

Latitude 275.00N

NTS/Quad : 32E/10 & 11

Country : CANADA Prov./state : QUEBEC Two/County

: MONTGOLFIER

Departure Logged by

1

- 1

: KENZIE MACNEIL

1

Drilled by Drill type

Section

800.00F

: BRADLEY BROS.

Core size

: 8+00E

Elevation : 1000.00m

Assay reg. : Au & As Test Method :

Started : FEBRUARY 14, 1990 Completed : FEBRUARY 14, 1990

Grid name

BH bearing :

Heading

BL azimuth

Hole Length :

Level

Dip

** DEVIATION RECORDS **

depth dip dip depth dip depth dip 828 depth azm 87 M

0.00 360.00 -90.00

COMMENTS :

1 1

LEFT IN HOLE NONE

FE ZN FROM TO DESCRIPTION FROM LENGTH SAMPLE# ΑU AS AG X PPM PPM PP8 PPM

0.00 1.00 HUMUS

Organic material.

0.00 1.00 1.00 NS

1.00 15.90 SEDIMENT

OJIBWAY II SEDIMENTS.

15.90 14.90 NS 1.00

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

84902-0

84902-0

PAGE 2
** INCO **
DRILL LOG

FROM	то	DESCRIPTION	FROM	TO	LENGTH	SAMPLE#	AU	AS	AG	W	FE	ZN
m	m		m	m	m		PPB	PPM	PPM	PPM	X	PPM
peb	bly but m	matrix supported.										
Per	centage o	of as in hole 84901.										
16.20	18.00 B	BEDROCK										
	Dark g	reen, fine grained (<	16.20	16.70	0.50	RX 126653	5.	<2.0	<5.000	<4.00	7.31	129.
0.1	mm), str	ongly schistose, strongly	16.70	17.20	0.50	RX 126654	< 5.	<2.0	<5.000	<4.00	7.44	117.
	careous		17.20	18.00	0.80	RX 126655	<5.	<2.0	<5.000	<4.00	7.11	124.
	% calci	te veinlets.										

PAGE 2

PAGE 1

** INCO ** **DRILL LOG**

:84903-0 BOREHOLE

PROJECT : BLONDEL

PROPERTY NAME: BLONDEL

Latitude 250.00N

NTS/Quad : 32E/10 & 11

Country : CANADA

Prov./state : QUEBEC

Twp/County : MONTGOLFIER

Claim #

Departure

Logged by

400.00E

: KENZIE MACNEIL

Drilled by : BRADLEY BROS.

Drill type

Core size

Section : 4+00E Elevation : 1000.00m

Assay req. : Au & As

Test Method : Started : FEBRUARY 15, 1990

Completed : FEBRUARY 15. 1990

Grid name

BH bearing Heading

BL azimuth

Hole length :

PRINT DATE

Level

Dip

84903-0

:28-AUG-1990 08:11

10.50m

: SURFACE

: 090

COMMENTS :

LEFT IN HOLE NONE

1 HOUR MECHANICAL DOWNTIME

CHANGE BIT FROM LAST HOLE

	***	**********	*****	****	****	*****	****	RR			
то	DESCRIPTION	FROM	TO L	.ENGTH	SAMPLE#	AU	AS	AG	W	FE	ZN
m		10	m	m		PPB	PPM	PPM	PPM	x	PPM
1.30	HUMUS										
•		0.00	1.30	1.30	NS						
7.90	SEDIMENT										
Beig	e lightly oxidized clay	1.30	7.90	6.60	NS						
2.00 me	tres. Below 2.00 metres gray										
colour.	Unit is slightly but										
nsistent	ly gritty with rare scattered										
obles and	d granules. No pebbles below										
00 metre	s.										
7.50	7.90 Granodiorite boulder.										
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.
th 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.
trix supp	ported. Contains 50%	9.60	9.90	0.30	RX 126658	5.	<2.0	<5.000	<4.00	8.03	142.
	m. 1.30 . 7.90 Beig 2.00 me colour. sistent bbles an 00 metre 7.50 9.90 Gray th fine	m 1.30 HUMUS . 7.90 SEDIMENT Beige lightly oxidized clay 2.00 metres. Below 2.00 metres gray colour. Unit is slightly but sistently gritty with rare scattered obles and granules. No pebbles below 00 metres.	m m m 1.30 HUMUS . 0.00 7.90 SEDIMENT Beige lightly oxidized clay 1.30 2.00 metres. Below 2.00 metres gray colour. Unit is slightly but issistently gritty with rare scattered obles and granules. No pebbles below 00 metres. 7.50 7.90 Granodiorite boulder. 9.90 TILL Gray beige , unsorted till 7.90 th fine sand/silt unit is cobbly but 9.00	m m m 1.30 HUMUS . 0.00 1.30 7.90 SEDIMENT Beige lightly oxidized clay 1.30 7.90 2.00 metres. Below 2.00 metres gray colour. Unit is slightly but is is stently gritty with rare scattered obles and granules. No pebbles below 00 metres. 7.50 7.90 Granodiorite boulder. 9.90 TILL Gray beige , unsorted till 7.90 9.00 th fine sand/silt unit is cobbly but 9.00 9.60	m m m m 1.30 HUMUS . 0.00 1.30 1.30 7.90 SEDIMENT Beige lightly oxidized clay 1.30 7.90 6.60 2.00 metres. Below 2.00 metres gray colour. Unit is slightly but issistently gritty with rare scattered obles and granules. No pebbles below 00 metres. 7.50 7.90 Granodiorite boulder. 9.90 TILL Gray beige , unsorted till 7.90 9.00 1.10 th fine sand/silt unit is cobbly but 9.00 9.60 0.60	m m m m 1.30 HUMUS .	m m m m m PPB 1.30 HUMUS . 0.00 1.30 1.30 NS 7.90 SEDIMENT Beige lightly oxidized clay 1.30 7.90 6.60 NS 2.00 metres. Below 2.00 metres gray colour. Unit is slightly but issistently gritty with rare scattered obles and granules. No pebbles below 00 metres. 7.50 7.90 Granodiorite boulder. 9.90 TILL Gray beige , unsorted till 7.90 9.00 1.10 RX 126656 60. th fine sand/silt unit is cobbly but 9.00 9.60 0.60 RX 126657 <5.	m m m m m PPB PPM 1.30 HUMUS . 0.00 1.30 1.30 NS 7.90 SEDIMENT Beige lightly oxidized clay 1.30 7.90 6.60 NS 2.00 metres. Below 2.00 metres gray colour. Unit is slightly but issistently gritty with rare scattered obles and granules. No pebbles below 20 metres. 7.50 7.90 Granodiorite boulder. 9.90 TILL Gray beige , unsorted till 7.90 9.00 1.10 RX 126656 60. 100.0 th fine sand/silt unit is cobbly but 9.00 9.60 0.60 RX 126657 <5. <2.0	m m m m m PPB PPM PPM 1.30 HUMUS .	## ## ## ## ## ## ## ## ## ## ## ## ##	m m m m m PPB PPM PPM X 1.30 HUMUS

intermediate to mafic& sedimentary clasts& 50% granitic clasts.

FROM

TO

PAGE 2
** INCO **
DRILL LOG

SAMPLE#

10.00 0.10 RX 126658

10.50 0.50 RX 126659

FROM

9.90

10.00

DRILL LOG

ΑU

PPB

5.

<5.

AS

PPM

PPM

<2.0 <5.000

<2.0 <5.000

PPM

<4.00

FE

8.03

8.76

ZN

PPM

142.

168.

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.

DESCRIPTION

PAGE 2

84903-0

84904-0 PAGE 1 84904-0

** INCO **

DRILL LOG

BOREHOLE :84904-0 PRINT DATE :28-AUG-1990 08:11

1

PROJECT : BLONDEL
PROPERTY NAME: BLONDEL

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

0.00 360.00 -90.00

1 1 1

LEFT IN HOLE NONE

1

FROM TO DESCRIPTION FROM AS FE ZN TO LENGTH SAMPLE# AU m PPB PPM PPM PPM 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 21.30 21.60 0.30 RX 126660 44. 140.0 <5.000 91.00 17.60 <200.

sand/silt unit is cobbly but matrix

PAGE 2
** INCO **
DRILL LOG

FROM		ro	DESCRIPTION	FROM		LENGTH	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
m		n		Tit.	m	R		PPB	FFM	FFN	rrn	^	1111
		atad Ca	ntains 50% mafic										
		•	entary clasts with 50%										
	•	tic clast											
21.6	0 2	3.10 BED	ROCK					_					
		Dark gre	en, fine grained,	21.60	22.10	0.50	RX 126661	< 5.		<5.000	<4.00	5.97	146.
	strong	gly schis	tose to sheared. Much of	22.10	22.70	0.60	RX 126662	<5.	3.0	<5.000	<4.00	4.10	<50.
	the sa	ample gra	y, gritty, calcite rich	22.70	23.10	0.40	RX 126663	<5.	<2.0	<5.000	<4.00	4.98	210.
	clay.	Compete	ent chips weakly										
	calca	reous. N	on magnetic and no										
	miner	alization	n noted.										
	22.0	00 22.4	0 50 to 75% of sample is										
	aroun	d to gray	to gray, gritty clay.										
	_	• •	O Clay is brown (oxidized) and										
	calci	te rich.	Up to oxidized, sheared,										
	compe	tent rock	chips.										
	22.	70 23.1	O Mixed beige brown (oxidized)										
	and g	ray clay.											

84905-0	PAGE 1	84905-0

** INCO ** **DRILL LOG**

BOREHOLE :84905-0

PROJECT : BLONDEL

PROPERTY NAME: BLONDEL

Latitude : 525.00N

NTS/Quad : 32E/10 & 11 Country : CANADA

Prov./state : QUEBEC

: MONTGOLFIER Twp/County Claim #

Departure

Logged by Drilled by

Drill type

400,00E

: KENZIE MACNEIL

: BRADLEY BROS.

Core size

Section : 4+00E Elevation : 1000.00m

: Au & As Assay req. Test Method :

Started : FEBRUARY 15, 1990 Completed : FEBRUARY 15, 1990

Grid name

26.10m Hole length : Level : SURFACE

PRINT DATE :28-AUG-1990 08:11

Dip

BL azimuth : 090

BH bearing Heading

** DEVIATION RECORDS **

dip dip dip depth dip depth azm depth azm depth

0.00 360.00 -90.00

COMMENTS :

LEFT IN HOLE NONE

FROM TO DESCRIPTION FROM LENGTH SAMPLE# FΕ ZN PPM PPM PPM PPB

0.00 1.00 HUMUS

> 0.00 1.00 1.00 NS

20.70 SEDIMENT 1.00

> 1.00 19.70 18.70 NS

1.00 13.50 Gray, slightly gritty, clay. 19.70 20.70 1.00 RX 126664 693. 100.0 <5.000 230.00 17.70

Grit becoming less. At 2.00 metres

granitic cobble.

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 PAGE 2 ** INCO ** **DRILL LOG**

FROM	TO	DESCRIPTION	FROM	TO	LENGTH	SAMPLE#	AU	AS	AG	W	FE	ZN
m	m		m	m	m		PPB	PPM	PPM	PPM	x	PPM
	20.70	22.10 Pebbly sand. Minimal gray	22.50	24.60	2.10	RX 126665	120.	140.0	<5.000	190.00	18.50	<200.
		e more abundant below 21.70					,		2.000	.,		
	etres.											
	22.10	23.40 Poorly sorted fine silty										
sa	nd with	a fews.										
	23.40	24.60 Cobbly gravel with minor										
fi	ine sand	but is essentially. Contains										
60	to 65%	intermediate to mafic										
VC	lcanics	and sedimentary clasts with										
30	to 35%	granitic clasts.										
24.60	26.10	BASALT										
	Dar	k green to black, fine	24.60	25.10	0.50	RX 126666	<5.	<2.0	<5.000	<4.00	7.98	<50.
gr	ained,	moderately foliated, weakly	25.10	25.60	0.50	RX 126667	<5.	<2.0	<5.000	<4.00	7.93	<50.
ma	gnetic,	and weakly calcareous,	25.60	26.10	0.50	RX 126668	7.	<2.0	<5.000	<4.00	8.51	138.
CC	ntains	no visible sulfides.										
	E.0	.H. = 26.10 metres.										

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PAGE 1

84906-0

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** INCO **

DRILL LOG

BOREHOLE :84906-0

PROJECT : BLONDEL

PROPERTY NAME: BLONDEL

Latitude : 275.00N NTS/Quad : 32E/10 & 11

Country : CANADA

Prov./state : QUEBEC
Twp/County : MONTGOLFIER

Twp/County : MONTGOL Claim # : Departure : 400.00E

Logged by : I

: KENZIE MACNEIL

Drilled by : BRADLEY BROS.

Drill type : Core size :

Section : 4+00E

Elevation: 1000.00m

Assay req. : Au & As Test Method :

Started : FEBRUARY 15, 1990 Completed : FEBRUARY 15, 1990

Grid name :

160.

<7.

43.0 <5.000 62.00

45.0 <5.000 240.00

16.40

15.30

220.

<200.

Hole length : 39.30m Level : SURFACE

: SURFACE

PRINT DATE :28-AUG-1990 08:11

Dip :

BL azimuth : 090

BH bearing : Heading :

** DEVIATION RECORDS **

depth azm dip depth azm dip depth azm dip

0.00 360.00 -90.00

COMMENTS :

LEFT IN HOLE NONE

34.60 4.00 RX 126669 36.90 2.30 RX 126670

FROM TO DESCRIPTION FROM TO LENGTH SAMPLE# AU AS AG W FE ZN
m m p pp ppm ppm ppm 2 ppm

0.00 30.60 SEDIMENT

0.00 30.60 30.60 NS

34.60

30.60 36.90 SEDIMENT

OJIBWAY II SEDIMENTS.

0.00 3.00 No return. Assume this section to be humus ands, this is based on other holes in the area.

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

PAGE 2 ** INCO ** **DRILL LOG**

FROM	TO)	DESCRIPTION	FROM	то	LENGTH	SAMPLE#	AU	AS	AG	W	FE	ZN
	m			m	m	m		PPB	PPM	PPM	PPM	x	PPM
:	very so 30.60 sand to centime minor, Sand is	oft as wel 0 36.90 o 33.00 me etre thick medium gr	t or pebbles. Unit is .l. Fine grained, poorly sorted etres. Contains to 2 c pebble bands and very rained sand metres. eted with a gray beige										
:	sand/si matrix interme	Gray, grit ilt matrix supported ediate to ntary clas	ty clay with fine c. unit is pebbly but d. Contains 50% mafic volcanic and its and 50% granitic	36.90	37.60	0.70	RX 126671	20.	170.0	<5.000	250.00	18.10	300.
37.60		.30 BEDRO											
			Dark green,	37.60		0.70	RX 126672	< 5.			1400.00	6.69	171.
	_		ose to sheared, fine	38.30		0.40	RX 126673	7.		<5.000		5.78	105.
, ,	to 8% of 38.30 to a liclay. 39.00 predomito shea	disseminat D 39.00 ight greer D 39.30 inant , th	cely calcareous with 5 ced calcite. Much of the sample is ground wish strongly calcareous Competent chips are new are dark schistose cite rich with 3% white weinlets	38.70	39.30	0.60	RX 126674	6.	<2.0	<5.000	79.00	5.58	154.

84907-0	PAGE 1	

** INCO ** **DRILL LOG**

:84907-0 BOREHOLE

PROJECT : BLONDEL

PROPERTY NAME: BLONDEL

Latitude : 250.00N

NTS/Quad : 32E/10 & 11 Country : CANADA

Prov./state : QUEBEC

Twp/County : MONTGOLFIER Claim #

Departure

Logged by

800.00E : KENZIE MACNEIL

: BRADLEY BROS.

Core size

Drilled by

Drill type

Section : 8+00E Elevation

: 1000.00m Assay req.

Started

Completed

Grid name

1 1 1 1

: Au & As Test Method

: FEBRUARY 15, 1990

: FEBRUARY 15, 1990

: 090 BL azimuth BH bearing

Heading

Hole length :

Level

Dip

1

84901-0

38.60m

PRINT DATE :27-AUG-1990 14:58

: SURFACE

COMMENTS :

LEFT IN HOLE NONE

CHANGE BIT

FE ZN DESCRIPTION FROM TO FROM LENGTH SAMPLE# AS PPM PPB PPM m

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 5.10 RX 126675

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.

30.10 37.30 TILL

Gray beige, unsorted fine to medium grained, sand unit is cobbly 31.50 1.40 RX 126676

31.50 33.10 1.60 RX 126677

199.

109.

100.0 <5.000 650.00

79.0 <5.000 650.00

41.0 <6.000 73.00 17.60

19.40 <200. 16.90 <200.

260.

84907-0 PAGE 1

84907-0

E.O.H. = 38.60 metres.

PAGE 2
** INCO **
DRILL LOG

FROM	то	DESCRIPTION	FROM	TO L	.ENGTH	SAMPLE#	AU	AS	AG	W	FE	ZN
m	m		m	m	m	•	PPB	PPM	PPM	PPM	x	PPM
bı	ut matrix	supported. Contains 50%	33.10	34.50	1.40	RX 126678	32.	89.0	<5.000	330.00	20.10	<200.
i	ntermedia	te to mafic volcanic and	34.50	36.00	1.50	RX 126679	114.	120.0	<5.000	88.00	19.70	<200.
50	edimentar	y clasts (which includes	36.00	36.40	0.40	RX 126680	< 5.	140.0	<5.000	180.00	22.10	230.
10	0-15 % bl	ack siltstone)& 50% granitic	36.40	37.10	0.70	NS						
cl	lasts.		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										
i	s clast s	upported.										
	31.40	31.90 Gray gritty clay matrix.										
	31.90	34.40 Fine unsorted sand/silt										
m	atrix. U	nit is cobbly&. Contains										
cl	last as a	bove, here unit contains										
sl	lightly l	ess siltstone.										
	34.40	36.40 Mixed gritty clay and										
u	nsorted s	and/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 m	m), moderately to strongly	37.70	38.20	0.50	RX 126683	< 5.	2.0	<5.000	<4.00	5.36	137.
fo	oliated,	porphyritic with 10 to 15%	38.20	38.60	0.40	RX 126684	< 5.	<2.0	<5.000	<4.00	5.06	<50.
da	ark euhed	ral pyroxene phenocrysts to										
0	.40 milli	metres. unit is weakly										
C	alcareous	with minor amounts of sample										
be	eing grou	nd to greenish gray clay.										
В	elow 37.7	O metres, local calcite										
ve	einlets.											

29.70m

PRINT DATE :27-AUG-1990 14:58

: SURFACE

:

** INCO ** **DRILL LOG**

BOREHOLE :84908-0

PROJECT : BLONDEI

PROPERTY NAME: BLONDEL

Latitude 250.00N

: 32E/10 & 11 NTS/Quad

Country : CANADA Prov./state : QUEBEC

Twp/County : MONTGOLFIER

Claim #

FROM

Departure : 1200.00E Logged by

: KENZIE MACNEIL Drilled by

: BRADLEY BROS.

Drill type

Core size

Section

: 12+00E

Flevation

Started

Grid name

: 1000.00m Assay req. : Au & As

Test Method :

: FEBRUARY 16, 1990 : FEBRUARY 16, 1990 Completed

BH bearing : Heading

Level

Dip

Hole Length :

BL azimuth : 090

COMMENTS :

LEFT IN HOLE NONE

Ī

)	DESCRIPTION	FROM	TO	LENGTH	SAMPLE#	AU	AS	AG	W	FE	ZN
		_	-	_		DDD	DDM	DDM	DDM	*	DDM

0.00 1.40 HUMUS

TO

Organic material.

0.00 1.40 1.40 NS

1.40 16.80 15.40 NS

1.40 16.80 SEDIMENT

OJIBWAY II SEDIMENTS.

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	16.80	19.10	2.30	RX 126685	302.	130.0	<6.000	110.00	22.70	<200.
matrix. unit is cobbly but matrix	19.10	20.60	1.50	RX 126686	52.	61.0	<5.000	170.00	15.70	<200.
supported. Contains 60% intermediate	20.60	22.00	1.40	RX 126687	17.	31.0	<5.000	51.00	15.20	310.
to mafic volcanic and sedimentary	22.00	24.00	2.00	RX 126688	150.	46.0	<5.000	59.00	15.50	<200.
clasts with 40% granitic clasts.	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	25.60	26.30	0.70	RX 126690	52.	64.0	<5.000	180.00	16.40	<200.
21.90 metres, very fine gray beige	26.30	27.30	1.00	NS						

E.O.H. = 29.70 metres.

PAGE 2 ** INCO ** **DRILL LOG**

FROM	то	DESCRIPTION	FROM	TO L	.ENGTH	SAMPLE#	AU	AS	AG	W	FE	ZN
m	m		Ħ	m	m		PPB	PPM	PPM	PPM	X	PPM
2'	1.90 met	tres. Local pebble seams and a	27.30	28.20	0.90	RX 126691	5.	32.0	<5.000	65.00	11.80	<200.
fe	ew platy	/ .										
	22.40	23.20 Till as to 20.00 metres.										
	23.20	24.10 Poorly sorted locally pebbly										
S	and.											
	24.10	26.10 Till with a fine unsorted										
Si	and mate	rix. Unit is matrix a small										
bı	ut cons	istent proportion of pebbles										
81	nd a fev	w cobbles. Clast becoming more										
al	bundant	below 25.00 metres. contains										
50	0% volce	anics / sedimentary clasts and										
50	0% gran	itic clasts.										
	26.10	26.30 Gray, fine grained, sand										
w	ith a fo	ew 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										
c	lay/sil	t.										
28.20	29.70	D BEDROCK										
	Med	dium to dark green, very	28.20	28.70	0.50	RX 126692	< 5.	<2.0	<5.000	<4.00	5.17	125.
f	ine gra	ined, with a fissile	28.70	29.20	0.50	RX 126693	< 5.	<2.0	<5.000	<4.00	5.57	139.
appearance. Chloritic sericitic		29.20	29.70	0.50	RX 126694	< 5.	<2.0	<5.000	<4.00	5.90	147.	
(light)	foliation planes with parallel										
q	uartz c	alcite veinlets. unit is										
e	ssentia	lly non calcareous with no										
n	oted mi	neralization.										

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849uy-0

27.00m

PRINT DATE :27-AUG-1990 14:58

: SURFACE

: 090

** INCO ** **DRILL LOG**

BOREHOLE :84909-0

PROJECT : BLONDEL

PROPERTY NAME: BLONDEL

Latitude

NTS/Quad : 32E/10 & 11

Country : CANADA Prov./state : QUEBEC

: MONTGOLFIER Twp/County Claim #

225.00N

Departure Logged by

: 1600.00E

: KENZIE MACNEIL

Core size

Drilled by : BRADLEY BROS. Drill type

Section : 16+00E Elevation : 1000.00m

Started

1

: Au & As Assay reg.

Test Method

: FEBRUARY 16, 1990

FE

ZN

PPM

Completed : FEBRUARY 16, 1990 Grid name

BL azimuth BH bearing : Heading

Hole length :

Level

Dip

** DEVIATION RECORDS **

depth dip azm depth dip depth dip depth dip

0.00 360.00 -90.00

COMMENTS :

LEFT IN HOLE NONE

CHANGE BIT AT 26.20 METRES

FROM TO DESCRIPTION FROM TO LENGTH SAMPLE# AU AS AG PPB PPM PPM 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

84909-0

PAGE 2 ** INCO ** **DRILL LOG**

FROM	TO m	DESCRIPTION	FROM m	TO L	ENGTH	SAMPLE#	AU PP8	AS PPM	AG PPM	W PPM	FE X	ZN PPM
23.10 s ii	Gray be and and situatrix support ntermediate edimentary	ILL eige, unsorted fine t matrix unit is cobbly but rted. Contains 60% to mafic volcanics and clasts with 40% granitic	23.10 24.10	24.10 25.10			854. 744.		<5.000 <5.000	90.00 910.00	17.70 16.50	270. <200.
25.10 8 0 0	Volcan medium green 0.1 mm), sch colour due to chlorite or p foliation planticified a	EDROCK ic ???. Light to ish gray, fine grained (< istose or sheared. Light o very fine light colored possibly sericite along anes. Unit is possibly s 10% quartz veinlets in metres with approx 10%	25.10 25.90 26.60	26.60	0.80 0.70 0.40	RX 126698	<9. <5. <5.	<2.0	<5.000	3900.00 650.00 990.00	1.40 2.33 3.33	<50. 65. 137.

E.O.H. = 27.00 metres.

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.

84910-0	PAGE 1	849 iu-0

Elevation

Assay req.

Started Completed

Test Method :

: 1000.00m

: FEBRUARY 16, 1990

: FEBRUARY 16, 1990

: Au & As

** INCO ** **DRILL LOG**

BOREHOLE :84910-0

PROJECT : BLONDEL

PROPERTY NAME: BLONDEL

Latitude

NTS/Quad : 32E/10 & 11 : CANADA Country

Prov./state : QUEBEC Two/County

Claim #

: MONTGOLFIER

300.00N

Departure Logged by Drilled by

: KENZIE MACNEIL

: BRADLEY BROS.

Drill type Core size

Section

: 2000.00E

Grid name : 20+00E

PRINT DATE :27-AUG-1990 15:23

20.00m Hole length :

: SURFACE Level

Dip

BL azimuth : 090

BH bearing : Heading

** DEVIATION RECORDS **

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

COMMENTS :

LEFT IN HOLE NONE

AS FΕ ZN FROM DESCRIPTION FROM TO LENGTH SAMPLE# PPB PPM PPM PPM PPM

0.00 1.30 HUMUS

Organic material.

1.30 1.30 NS 0.00

1.30 18.40 SEDIMENT

OJIBWAY II SEDIMENTS.

1.30 18.40 17.10 NS

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.

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

84910-0

84910-0 PAGE 1

849 iu-0

PAGE 2

** INCO **

DRILL LOG

FE ZN FROM FROM TO DESCRIPTION LENGTH SAMPLE# ΑU PPM PPB PPM χ fine unsorted sand matrix. 18.50 20.00 BEDROCK 8.52 245. 19.00 0.50 RX 126701 6.0 < 5.000 15.00 Basalt. Altered or bleached 18.50 **<**5. gray green, fine grained (0.1-0.2 mm). <5. 2.0 <5.000 9.00 3.38 109. 19.50 0.50 RX 126702 19.00 <5. 3.0 < 5.000 7.00 7.96 173. 19.50 20.00 0.50 RX 126703

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.

E.O.H. = 20.00 metres.

24	٥	1	1	-0	

PAGE 1

84911-0

1

** INCO **

BOREHOLE :84911-0

DRILL LOG

PROJECT : BLONDEL PROPERTY NAME: BLONDEL

Latitude

: 400,00N

Departure Logged by

: 3200.00E : KENZIE MACNEIL Elevation Assay req. : 1000.00m : Au & As

Hole Length : Level

i

17.30m : SURFACE

PRINT DATE :27-AUG-1990 15:23

NTS/Quad : 32E/10 & 11 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 8 Z M dip depth dip depth dip depth dip 0.00 360.00 -90.00

COMMENTS :

LEFT IN HOLE NONE

FROM TO DESCRIPTION FROM TO LENGTH SAMPLE# AS FE ZN ΑU AG PPB PPM PPM PPM x PPM

0.00 0.50 HUMUS

Organic material.

0.50 0.50 NS 0.00

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

PAGE 2 ** INCO ** **DRILL LOG**

FROM TO	DESCRIPTION	FROM	TO L	ENGTH	SAMPLE#	AU	AS	AG	W	FE	ZN
m m		TA	m	m		PPB	PPM	PPM	PPM	X	PPM
sand an support to mafi	ray beige, unsorted, fine d silt unit is cobbly but matrix ed. Contains 55% intermediate c and sedimentary clasts with nitic clasts.	15.10	15.80	0.70	RX 126704	718.	110.0	<6.000	500.00	21.80	510.
M tocal b colour. mm) str weakly dissemi contain amygdul sample	30 BEDROCK edium to dark green with leaching to a light green beige unit is fine grained (< 0.1 ongly schistose or sheared, to moderately calcareous (5-7 % nated calaite), may also s a few calcite filling es. Significant amounts of is ground to -10 mesh sand. E.O.H. = 17.30 metres.	15.80 16.30 16.80	16.80	0.50 0.50 0.50		<5. <5. <5.		<5.000 <5.000 <5.000	6.00 <4.00 <4.00	6.11 6.74 7.07	126. 85. 77.

8401	

PAGE 1

84914-0

27.00m

PRINT DATE :27-AUG-1990 14:58

: SURFACE

: 090

** INCO ** **DRILL LOG**

1 1

:84912-0 BOREHOLE

PROJECT : BLONDEL

PROPERTY NAME: BLONDEL

Latitude 75.00N

NTS/Quad : 32E/10 & 11

Country : CANADA Prov./state : QUEBEC

Twp/County : MONTGOLFIER Claim #

Departure Logged by

1

1

: 3200.00E : KENZIE MACNEIL

: BRADLEY BROS.

Drilled by Drill type

Core size

Section : 32+00E Elevation

: 1000.00m Assav red. : Au & As

Test Method :

Grid name

Started : FEBRUARY 16, 1990 Completed : FEBRUARY 17, 1990

BH bearing :

Level

Dip

Heading

BL azimuth

Hole length :

** DEVIATION RECORDS **

dip depth azm dip depth dip depth dip depth

0.00 360.00 -90.00

COMMENTS :

1

LEFT IN HOLE NONE

DRAIN WATERLINES

FROM TO DESCRIPTION FROM FE ZN TO LENGTH SAMPLE# PPM PPM 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

380.

84912-0

PAGE 2 ** INCO ** **DRILL LOG**

FROM	TO m	DESCRIPTION	FROM	TO m	LENGTH	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPN
un	sorted	fine sand and silt matrix.	23.60	25.60	2.00	RX 126709	285.	540.0	<7.000	150.00	21.40	220.
Un	it is (obbly but is matrix supported.										
_		60% intermediate to mafic										
		and sedimentary clasts with										
	_	tic clasts. very minor gray										
_	-	itrix below 23.50 metres.										
	24.60 25.40	25.40 Gray gritty clay matrix. 25.60 Quartz tourmaline boulder.										
		ilder have a thin seam of										
		ay clay.										
25.60) BEDROCK										
	Bas	alt. Dark green, fine to	25.60	26.00	0.40	RX 126710	< 5.	20.0	<5.000	<4.00	8.91	199.
me	dium gı	eined (0.2 to 0.3 mm),	26.00	26.50	0.50	RX 126711	<5.	16.0	<5.000	<4.00	9.25	153.
ma	ssive&	crystalline. unit is weakly	26.50	27.00	0.50	RX 126712	< 5.	20.0	<5.000	<4.00	9.38	178.
са	lcareo	s with no visible sulfides.										
	E.().H. = 27.00 metres.										

9401	7. O
8491	3-U

PROJECT

Claim #

PAGE 1

849.2-0

** INCO ** **DRILL LOG**

:84913-0 BOREHOLE

: BLONDEL

PROPERTY NAME: BLONDEL

Latitude

: 32E/10 & 11 NTS/Quad : CANADA

Country Prov./state : QUEBEC

Twp/County : MONTGOLFIER

325.00N

Departure Logged by

Drilled by

Drill type

: KENZIE MACNEIL

: BRADLEY BROS.

: 2800.00E

Core size

Section : 28+00E

: 1000.00m Elevation

: Au & As Assay req. Test Method :

: FEBRUARY 17, 1990 Started : FEBRUARY 17, 1990 Completed

Grid name

33.50m Hole Length : Level

: SURFACE

PRINT DATE :27-AUG-1990 15:23

Dip

: 090 BL azimuth

BH bearing **Heading**

ZN

PPM

310.

1

** DEVIATION RECORDS **

dip aib depth dip depth depth azm dip depth

0.00 360.00 -90.00

COMMENTS :

LEFT IN HOLE NONE

CHANGE BIT AT END OF HOLE 33.50 METRES

FE ΑU AS FROM DESCRIPTION FROM TO LENGTH SAMPLE# TO PPM X PPM PPM PPB

0.00 1.00 HUMUS

Organic material.

0.00 1.00 1.00 NS

1.00 17.30 SEDIMENT

OJIBWAY II SEDIMENTS.

1.00 17.30 16.30 NS

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.

17.30 32.00 TILL

MATHESON TILL. Gray beige,

92.00 20.70 17.30 19.00 1.70 RX 126713 126. 110.0 <6.000

PAGE 2
** INCO **
DRILL LOG

FROM	1 TO	DESCRIPTION	FROM	το ι ■	ENGTH	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
pi.	111		***	•			110	••••				•••
	unsorte	d fine sand silt matrix. unit	19.00	20.60	1.60	RX 126714	135.	79.0	<5.000	97.00	18.80	330.
	is cobb	ly but matrix supported.	20.60	22.50	1.90	RX 126715	108.	66.0	<5.000	130.00	18.50	<200.
	Contain	s 55% intermediate to mafic	22.50	24.00	1.50	RX 126716	170.	110.0	<5.000	120.00	19.40	<200.
	volcani	c and sedimentary clasts with	24.00	25.60	1.60	RX 126717	1920.	94.0	<5.000	64.00	17.60	200.
	45% gra	nitic 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 b	notite 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.
	volcani	cs and sedimentary clasts with	31.60	32.00	0.40	RX 126722	92.	200.0	<5.000	250.00	21.90	<200.
	30% gra	mitic clasts.										
	28.90											
	becomin	ng matrix supported.										
		31.80 Gray gritty clay matrix.										
32.0		50 BEDROCK										
		Dark green, fine grained	32.00	32.60	0.60	RX 126723	< 5.	3.0	<5.000	<4.00	7.27	139.
		, crystalline, chloritic,	32.60	33.00	0.40	RX 126724	< 5.	<2.0	<5.000	1800.00	7.39	<50.
	•	ely to strongly weakly to	33.00	33.50		RX 126725	< 5 .		<5.000	24.00	7.62	<50 .
		ely calcareous (5-7 % calcite)	55.55	55.55	0.50							
		nor quartz calcite. Below 32.50										
		s much more strongly foliated										
		foliation planes.										
	with a	TOUR PLANES.										

84	01	4	_n

PAGE 1

84914-0

:27-AUG-1990 14:58

18.00m

: SURFACE

: 090

** INCO ** **DRTLL LOG**

:84914-0 BOREHOLE

PROJECT : BLONDEL

PROPERTY NAME: BLONDEL

Latitude : 425.00N

NTS/Quad : 32E/10 & 11

Country : CANADA Prov./state : QUEBEC

Twp/County : MONTGOLFIER Claim #

Departure : 3600.00E

1

Logged by : KENZIE MACNEIL

Drilled by : BRADLEY BROS.

Core size

Section

Drill type

: 36+00E

Elevation : 1000.00m

Assay req. : Au & As

Test Method : FEBRUARY 17, 1990 Started

: FEBRUARY 17, 1990 Completed Grid name :

1 1 1 1

BL azimuth BH bearing :

Level

Din

PRINT DATE

Heading

Hole length :

** DEVIATION RECORDS **

depth dip depth dip depth aib depth dip 0.00 360.00 -90.00

COMMENTS :

LEFT IN HOLE NONE

CHANGE BIT AT END OF HOLE 18.00 METRES

FROM TO DESCRIPTION FE ZN AG FROM LENGTH SAMPLE# AS PPN m PPB PPM PPM PPM

0.00 0.50 HUMUS

0.50 15.10 SEDIMENT 0.00 0.50 0.50 NS

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.

PAGE 2 ** INCO ** **DRILL LOG**

FROM	то	DESCRIPTION	FROM	TO L	ENGTH	SAMPLE#	AU	AS	AG	W	FE	ZN
	m		m	m	m		PPB	PPM	PPM	PPM	X	PPM
15.10	16 40	TILL										
15.10		HESON TILL. Gray beige,	15.10	16.40	1.30	RX 126726	245.	130.0	<5.000	93.00	19.50	<200.
uns		fine sand and silt matrix.										
	-	t matrix supported. Contains										
50%	inter	mediate to mafic volcanics and										
sed	imenta	ry clasts with 50% granitic										
cla	sts.											
16.40	18.00	BEDROCK										
	Bas	alt. Dark green, fine	16.40	17.00	0.60	RX 126727	<5.	<2.0	<5.000	7.00	6.57	178.
gra	ined,	crystalline but with a faintly	17.00	17.50	0.50	RX 126728	<5.	<2.0	<5.000	<4.00	7.17	217.
sug	gary te	xture imparted by a strong	17.50	18.00	0.50	RX 126729	12.	2.0	<5.000	<4.00	6.01	98.
sch	nistose	and calcite alteration (5-7 %										
dis	s calc	ite and 2 % calcite veinlets										
and	d strin	gers along fabric).										
1	17.90	18.00 15 to 20% quartz calcite										
vei	inlets.											

8401	5_0

PROJECT

Claim #

PAGE 1

84917-0

30,00m

PRINT DATE :27-AUG-1990 15:23

: SURFACE

:

** INCO **

DRILL LOG

:84915-0 BOREHOLE

: BLONDEL

PROPERTY NAME: BLONDEL

825,00N Latitude

: 32E/10 & 11 NTS/Quad

Country : CANADA

Twp/County : MONTGOLFIER

Prov./state : QUEBEC

Drilled by Drill type

Departure

Logged by

Core size

: 4000.00E

: KENZIE MACNEIL

: BRADLEY BROS.

Section : 40+00F Elevation : 1000.00m

Assay req. : Au & As Test Method :

Started : FEBRUARY 17, 1990 Completed : FEBRUARY 17, 1990

Grid name

Dip BL azimuth

Level

: 090 BH bearing :

Hole Length :

1

Heading

** DEVIATION RECORDS **

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

COMMENTS :

LEFT IN HOLE NONE

*********** FROM LENGTH SAMPLE# AS AG

FROM

0.00 2.00 HUMUS

TO

28.30 SEDIMENT 2.00

0.00 2.00 2.00 NS

2.00 28.30 26.30 NS

2.00 21.00 Gray, very slightly gritty,

DESCRIPTION

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

160.0 <5.000

PPM

PPM

50.00

PPM

29.40

FE

ZN

PPN

24015_n	١

29.60 29.80 5% of sample is bleached to

a beige colour.

PAGE 2
** INCO **
DRILL LOG

FROM TO DESCRIPTION FROM TO LENGTH SAMPLE# ZN PPB PPM PPM PPM matrix with a few pebbles. 28.40 30.00 BEDROCK Basalt. Dark green, 28.40 29.00 0.60 RX 126731 292. <5. 6.0 < 5.000 6.30 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 7.84 437. <4.00 generally non calcareous but minor calcite stringers. < 1% disseminated pyrite.

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** INCO ** **DRILL LOG**

BOREHOLE :84916-0

: BLONDEL

PROPERTY NAME: BLONDEL

PROJECT

Claim #

Latitude : 475.00N

NTS/Quad : 32E/10 & 11

: CANADA Country Prov./state : QUEBEC Twp/County

: MONTGOLFIER

Departure Logged by

: 4000.00E : KENZIE MACNEIL

: BRADLEY BROS.

Drilled by Drill type :

Core size

Section : 40+00E Elevation : 1000.00m

Started

Completed

Grid name

Assay reg. : Au & As

:

Test Method :

: FEBRUARY 17, 1990

: FEBRUARY 17, 1990

BL azimuth BH bearing

Hole length :

Level

Dip

PRINT DATE :27-AUG-1990 14:58

: SURFACE

: 090

22.00m

Heading

** DEVIATION RECORDS **

dip depth dip depth dip depth depth

0.00 360.00 -90.00

COMMENTS :

LEFT IN HOLE NONE

ZN FΕ FROM TO DESCRIPTION FROM SAMPLE# PPM PPB PPM PPM

0.00 1.20 HUMUS

> 1.20 1.20 NS 0.00

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.

84916-0

84916-0 .

PAGE 1

PAGE 2
** INCO **
DRILL LOG

84910-0

FROM	то	DESCRIPTION	FROM	TO L	ENGTH	SAMPLE#	AU	AS	AG	W	FE	ZN
m	m		m	m	m		PPB	PPM	PPM	PPM	x	PPM
1	to medium a	rained sand matrix unit is	17.00	18.50	1.50	RX 126735	149.	150.0	<5.000	71.00	18.60	<200.
	_	orted. Contains 50%	18.50	20.00	1.50	RX 126736	547.	130.0	<5.000	120.00	18.20	<200.
		e to mafic volcanics and	20.00	20.60	0.60	RX 126737	89 .	31.0	<5.000	<4.00	17.30	<200.
1	sedimentary	clasts with 50% granitic										
(clasts.											
	17.30 2	0.60 Gray, gritty, clay matrix.				•						
20.60	22.00	BEDROCK										
	Mediu	m to dark green, fine	20.60	21.00	0.40	RX 126738	7.	<2.0	<5.000	<4.00	7.68	155.
,	grained, ve	ry 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.

84917_0								PAGE	1							84917-0	
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> ** INCO ** **DRILL LOG**

BOREHOLE :84917-0

PROJECT

: BLONDEL

PROPERTY NAME: BLONDEL

125.00N Latitude

NTS/Quad : 32E/10 & 11 Country : CANADA Prov./state : QUEBEC

Twp/County : MONTGOLFIER Claim #

Departure Logged by Drilled by

: KENZIE MACNEIL

Drill type

Section

: 4000,00E

: BRADLEY BROS.

Core size

: 40+00E

: 1000.00m Elevation

: Au & As Assay reg. Test Method

Started : FEBRUARY 18, 1990 Completed : FEBRUARY 18, 1990

Grid name

Dip BL azimuth : 090

Hole length :

Level

PRINT DATE :27-AUG-1990 14:58

: SURFACE

26.20m

BH bearing :

Heading

** DEVIATION RECORDS **

depth dip depth dip depth dip depth 87M dip 0.00 360.00 -90.00

COMMENTS :

LEFT IN HOLE NONE

AG FΕ SAMPLE# AU AS FROM TO DESCRIPTION FROM TO LENGTH PPM PPM PPM PPB 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 sand& silt matrix. unit is cobbly but is matrix supported. Contains 60%

23.00 0.70 RX 126741 66900. 22.30 23.00 24.40 1.40 RX 126742

172.

99.0 <5.000 140.00 130.0 <5.000 400.00

<200. 20.00 <200.

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ж				

FROM

PAGE 2
** INCO **
DRILL LOG

84917-0

FΕ

m	m			m	m		PPB	PPM	PPM	PPM	x	PPM
i	ntermediate	to mafic volcanics and										
S	edimentary	clasts with 40% granitic										
С	lasts.											
24.40	26.20 B	EDROCK										
	Basalt	. Dark green, fine	24.40	25.10	0.70	RX 126743	< 5.	12.0	<5.000	<4.00	9.15	222.
g	rained (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.
S	trongly fol	iated to schistose,	25.70	26.10	0.40	RX 126745	<5.	14.0	<5.000	<4.00	9.10	<50.
m	oderately c	alcareous with 5 to 8%										
d	isseminated	I calcite,< 1% cubic pyrite.										
	Also contai	ns minor calcite stringers.										

E.O.H. = 26.20 metres.

DESCRIPTION

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Claim #

PAGE 1

84918-0

** INCO ** **DRILL LOG**

BOREHOLE :84918-0 PRINT DATE :27-AUG-1990 14:58

PROJECT : BLONDEL

PROPERTY NAME: BLONDEL

Latitude 100.00N Departure : 3600.00E : KENZIE MACNEIL

: 1000.00m Elevation : Au & As Assay req.

36.50m Hole length: : SURFACE Level

: 32E/10 & 11 NTS/Quad

Logged by Drilled by

: BRADLEY BROS.

Dip

Country : CANADA

Drill type

Test Method :

BL azimuth : 090

Prov./state : QUEBEC

Started Completed : FEBRUARY 18, 1990 BH bearing : : FEBRUARY 18, 1990

Twp/County : MONTGOLFIER Core size : 36+00E Section

Grid name

Heading

** DEVIATION RECORDS **

dip dip depth depth dip depth depth dip

0.00 360.00 -90.00

COMMENTS :

LEFT IN HOLE NONE

CHANGE BIT AT 35.00 METRES

ZN FE DESCRIPTION FROM TO LENGTH SAMPLE# AS AG FROM TO PPB PPM PPM PPM 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

<5.000 220.00 20.80 <200. 26,00 0.90 RX 126746 110. Gray beige, unsorted fine 25.10 83.0 < 6.000 460.00 18.50 220. sand and silt unit is cobbly but is 26.00 27.60 1.60 RX 126747 518.

PAGE 2 ** INCO ** **DRILL LOG**

FROM	то	DESCRIPTION	FROM	TO L	.ENGTH	SAMPLE#	LIA	AS	AG	W	FE	ZN
m	m		m	M	m		PPB	PPM	PPM	PPM	X	PPM
mat	rix sı	upported. Contains 50%	27.60	29.00	1.40	RX 126748	445.	140.0	<5.000	160.00	19.40	200.
		iate to mafic volcanics and	29.00	30.50	1.50	RX 126749	375.	120.0	<5.000	110.00	19.60	<200.
sec	limenta	ary clasts with 50% granitic	30.50	32.00	1.50	RX 126750	450.	350.0	<5.000	79.00	19.20	<200.
	sts.	,	32.00	33.50	1.50	RX 126751	120.	530.0	<5.000	160.00	19.30	<200.
2	6.80	27.10 Granodiorite boulder.	33.50	35.00	1.50	RX 126752	86.	400.0	<5.000	260.00	18.60	<200.
2	8.30	29.30 Gray, gritty, clay matrix.										
2	9.30	30.00 Unsorted sand/silt matrix.										
Gra	datio	nal with the overlying gritty										
cla	y mat	rix.										
3	50.00	31.10 Gray, gritty, clay matrix.									-	
3	31.10	31.40 Mixed sand and gritty, gray,										
cla	y mat	rix.										
3	31.40	35.00 Gray, gritty, clay matrix.										
35.00	36.5	D BEDROCK										
	Da	rk green, moderately to	35.00	35.50	0.50	RX 126753	< 5.	<2.0	<5.000	<4.00	10.20	163.
sti	ongly	foliated, fine grained,	35.50	36.00	0.50	RX 126754	< 5.	4.0		<4.00	9.83	<50.
cry	/stall	ine, weakly calcareous with	36.00	36.50	0.50	RX 126755	10.	6.0	<5.000	<4.00	10.10	168.
mit	nor ep	idote alteration. 1 to 2%										
cal	cite	epidote veinlets and no visible										
sul	lfides	•										
	E	.O.H. = 36.50 metres.										

84919-0	PAGE 1	84917-0

** INCO ** **DRILL LOG**

:84919-0 BOREHOLE

PROJECT

Claim #

FROM

: BLONDEL

PROPERTY NAME: BLONDEL

Latitude NTS/Quad : 32E/10 & 11

: CANADA Country

Prov./state : QUEBEC Twp/County

: MONTGOLFIER

275.00N

Logged by Drilled by

: 4400.00E Departure

: KENZIE MACNEIL

: BRADLEY BROS.

Drill type

Core size Section

: 44+00E

: 1000.00m Elevation Assay req. : Au & As

Test Method :

: FEBRUARY 18, 1990 Started Completed

Grid name

: FEBRUARY 18, 1990

BH bearing : Heading

PRINT DATE :27-AUG-1990 14:58

: SURFACE

: 090

27.30m

Hole length :

BL azimuth

Level

Dip

** DEVIATION RECORDS **

dip dip dip depth azm depth dip depth depth azm

0.00 360.00 -90.00

COMMENTS :

LEFT IN HOLE NONE

DESCRIPTION FROM TO LENGTH SAMPLE# AS FE ZN PPM PPM PPM X PPM PPB

0.00 1.50 HUMUS

TO

No return. Assume this area

0.00 1.50 1.50 NS

to be organic material.

1.50 23.50 SEDIMENT

OJIBWAY II SEDIMENTS.

1.50 23.50 22.00 NS

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.

23.50 25.80 TILL

84919-0

84919-0 PAGE 1

E.O.H. = 27.30 metres.

PAGE 2 ** INCO ** **DRILL LOG**

FROM	TO	DESCRIPTION	FROM	TO L	ENGTH	SANPLE#	AU	AS	AG	W	FE	ZN
m	m		m	m	m		PPB	PPM	PPM	PPM	x	PPM
	Gray	beige, unsorted, fine	23.50	25.00	1.50	RX 126756	44.	84.0	<5.000	59.00	19.10	340.
sar	•	lt matrix cobbly but matrix	25.00	25.80	0.80	RX 126757	465.	170.0	<5.000	73.00	18.70	<200.
su	oported.	Contains 50% intermediate										
to	mafic vo	lcanic and sedimentary										
cla	sts with	50% granitic clasts. Below										
25	.00 metre	s unit becomes 60% volcanics										
and	d sedimen	ts with 40% granite.										
25.80	27.30	BEDROCK										
	Basal	t. Dark to medium	25.80	26.30	0.50	RX 126758	< 5.	20.0	<5.000	<4.00	9.00	202.
gre	een, fine	grained, generally massive.	26.30	26.70	0.40	RX 126759	< 5.	16.0	<5.000	<4.00	8.66	<50.
Co	ommon app	le green epidote alteration	26.70	27.30	0.60	RX 126760	< 5.	17.0	<5.000	N/A	8.56	N/A
ane	d stringe	rs with minor associated										
Ca	lcite. B	elow 26.70 epidote is not										
ге	adily app	arent but sample appears										
moi	re calcit	e rich. Also contains										
tr	aces of d	isseminated pyrite.										

84920-0 PAGE	1

** INCO ** **DRILL LOG**

:84920-0 BORFHOLF.

PROJECT : BLONDEL

PROPERTY NAME: BLONDEL

Latitude NTS/Quad

: CANADA Country Prov./state : QUEBEC

: 32E/10 & 11

Twp/County : MONTGOLFIER Claim #

550.00N

Departure Logged by Drilled by

Drill type

Section

: 4400.00E

: KENZIE MACNEIL : BRADLEY BROS.

Core size

: 44+00E

Flevation : 1000.00m

Assay req. : Au & As Test Method :

: FEBRUARY 18, 1990 Started Completed : FEBRUARY 18, 1990

Grid name

PRINT DATE :27-AUG-1990 14:58

849cu-0

31.50m Hole length:

: SURFACE Level aio

BL azimuth : 090

BH bearing Heading

3

** DEVIATION RECORDS **

dip depth dip depth depth dip depth dip 87 m 0.00 360.00 -90.00

COMMENTS :

LEFT IN HOLE NONE

CHANGE BITS AT END OF HOLE

FE ZN DESCRIPTION AG FROM FROM SAMPLE# AS PPB PPM PPM PPM PPM

1.40 HUMUS

No return. Assume this area

0.00 1.40 1.40 NS

to be organic material.

1.40 22.10 SEDIMENT

OJIBWAY II SEDIMENTS.

1.40 22,10 20,70 NS

2.0 metres clay is gritty, with a and scattered pebbles. The amount of grit down hole.

1.40 15.00 Oxidized beige brown. Below

15.00 22.10 Gray to gray beige clay varved with buff silt. Unit gritty and

84920-0

PAGE 1

PAGE 2 ** INCO ** **DRILL LOG**

FROM	TO m	DESCRIPTION	FROM	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
	•.											
	ry soft.											
22.10			22.10	27 20	1.10	RX 126761	15.	90.0	<5.000	67.00	17.70	<200.
	•	eige, unsorted, fine	23.20		1.80	RX 126761	101.		<5.000	44.00	18.70	250.
		t unit is cobbly but is			1.50		353.		<5.000	87.00	15.80	290.
		orted. Contains 60%	25.00 26.50		1.50		377.		<5.000		16.50	<200.
•••	••••	to mafic volcanic and	28.00		1.90		230.		<5.000		17.20	<200.
		clasts with 40% granitic	28.00	29.90	1.90	KA 120703	230.	110.0	\J.000	170.00	11.20	-LOO .
	asts.	70 6										
		7.70 Gray, gritty clay matrix.										
		.00 Granodiorite boulder.										
		0.40 Matrix grades into an										
		nd/silt. appears to be										
		orted and 70% volcanic and										
	•	clasts with 30% granitic										
cl	asts. at	29.10 pebble of semi										
Ma	ssive pyri	ite.										
	29.40 29	2.90 Gray, gritty, clay matrix.										
29.90	31.50 E	BEDROCK										
	Dark g	green, to fine grained,	29.90	30.50	0.60	RX 126766	52 9 .		<5.000		7.00	150.
wi	th 10 to 2	20% dark green to black	30.50	31.00	0.50	RX 126767	240.		<5.000		8.73	120.
ch	loritic or	possibly pyroxene	31.00	31.50	0.50	RX 126768	< 5.	25.0	<5.000	910.00	8.23	<50.
ph	enocrysts	up to 0.6 millimetres.										
	30.30 30	0.50 25 to 30% white quartz										
CE	lcite veir	nlets are present. the rock										
it	self is we	eakly calcareous& no visible										

1 1 84921-0 PAGE 1 84941-0

> ** INCO ** **DRILL LOG**

BOREHOLE :84921-0

PROJECT : BLONDEL

PROPERTY NAME: BLONDEL

Latitude : 675.00N

NTS/Quad : 32E/10 & 11

Country

Prov./state : QUEBEC Twp/County

Claim #

: CANADA

: MONTGOLFIER

Departure

Drilled by

Logged by

: 4800.00E : KENZIE MACNEIL

: BRADLEY BROS.

Drill type Core size

Section : 48+00 Elevation : 1000.00m

: Au & As Assay req. Test Method :

1 1 1

Started : FEBRUARY 19, 1990

: FEBRUARY 19, 1990 Completed Grid name :

BH bearing : **Heading**

Level

Dip

BL azimuth

Hole length :

PRINT DATE : 4-0CT-1990 12:45

: SURFACE

: 090

21.00m

** DEVIATION RECORDS **

dip dip depth azm dip depth depth dip depth

0.00 360.00 -90.00

COMMENTS :

1 1 1 1

NONE LEFT IN HOLE

FROM TO DESCRIPTION

FROM LENGTH

SAMPLE#

PPB PPM

AU

PPM

PPM

FΕ 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 being, varved? clay and silt unit is non gritty and very soft.

19.30 21.00 BEDROCK

Q١.	~~4	•

E.O.H. = 21.00 metres.

PAGE 2 ** INCO ** **DRILL LOG**

84441-0

ROM	TO	DESCRIPTION	FROM	TO L	ENGTH.	SAMPLE#	AU	AS	AG	W	FE	ZN
m	m		m	M	m		PPB	PPM	PPM	PPM	x	PPM
	Basalt.	Dark green, fine	19.30	20.00	0.70	RX 126769	< 5.	4.0	<5.000	5.00	8.17	130.
gr	ained, moder	rately to strongly	20.00	20.50	0.50	RX 126770	<5.	2.0	<5.000	6.00	8.12	75.
fo	liated to so	chistose, moderately	20.50	21.00	0.50	RX 126771	<5.	3.0	<5.000	<4.00	7.99	<50.
C	lcareous wii	th 5 to 7% calcite along										
fc	liation plan	nes& as disseminations.										

PAGE 2

84922-0 PAGE 1 84922-0

> ** INCO ** **DRILL LOG**

BOREHOLE :84922-0

PROJECT : BLONDEL

PROPERTY NAME: BLONDEL

75.00N Latitude

NTS/Quad : 32E/10 & 11 : CANADA

Country Prov./state : QUEBEC

: MONTGOLFIER Twp/County Claim #

Departure

Logged by Drilled by

Drill type

Core size

Section

: 4800.00E : BRADLEY BROS.

: 48+00E

: KENZIE MACNEIL

Elevation Assay req.

Started

Completed

Grid name

Test Method :

: 1000.00m : Au & As

: FEBRUARY 19, 1990

: FEBRUARY 19, 1990

Level

38.50m Hole length :

: SURFACE

PRINT DATE :28-AUG-1990 08:39

Dip

: 090 BL azimuth

BH bearing : Heading

** DEVIATION RECORDS **

dip dip dip depth depth azm dip depth depth

0.00 360.00 -90.00

COMMENTS :

LEFT IN HOLE NONE

FE ZN FROM TO DESCRIPTION FROM LENGTH SAMPLE# AS AG PPM PPM X PPN m PPB PPM

0.00 0.50 HUMUS

organic

0.00 0.50 0.50 NS

material.

0.50 34.30 SEDIMENT

OJIBWAY II SEDIMENTS. Beige

0.50 34.30 33.80 NS

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

PAGE 2 ** INCO ** **DRILL LOG**

FRO	M	то	DESCRIPTION	FROM	TO	LENGTH	SAMPLE#	AU	AS	AG	W	FE	ZN
m		m		m	m	m		PPB	PPM	PPM	PPM	x	PPM
	-		grit.										
		.50	28.50 Clay grades into very fine										
		. •	y sand.										
			34.30 Gray to gray beige varved?										
	•	•	. unit is non gritty with										
			g the predominant component.										
34.	30		TILL								00.00	00.50	-200
			HESON TILL. Gray beige,	34.30		1.20		1160.		<5.000	98.00	20.50	<200.
			with fine sand and silt	35.50	37.10	1.60	RX 126773	526.	260.0	<5.000	100.00	17.10	240.
			Unit is cobbly but matrix										
			. Contains 50% intermediate										
			volcanic and sedimentary										
			th 50% granodiorite clasts.										
			37.10 Gray gritty matrix, clay										
	•		tes with locally matrix.										
37.	10	38.50	BEDROCK										
		Dar	k green, fine grained,	37.10	37.60	0.50	RX 126774	< 5.	29.0	<5.000	4.00	7.08	130.
	stro	ngly	schistose to sheared. Dark	37.60	38.00	0.40	RX 126775	<5.	30.0	<5.000	6.00	8.27	130.
	gree	n chi	ps are weakly calcareous.										
	Belo	w 37.	30 metres much of the sample										
	is g	jround	to a gray white calcareous										
	clay	with	the more competent chips										
	bein	g lig	ht greenish white with calcite										
	alte	ratio	n. Local green schistose to										
	shea	red,	relatively pristene chips of										
	host	basa	lt. No visible sulfides.										
		E.	O.H. = 38.50 metres.										

R۸	02	Z	n
04	70		u

PROJECT

Claim #

PAGE 1

84943-0

31.50m

PRINT DATE :27-AUG-1990 15:23

: SURFACE

: 090

** INCO ** **DRILL LOG**

1 1

:84923-0 BOREHOLE

: BLONDEL

PROPERTY NAME: BLONDEL

350,00N Latitude

NTS/Quad : 32E/10 & 11

Country : CANADA

Prov./state : QUEBEC Twp/County

: MONTGOLFIER

Departure Logged by Drilled by

1

: KENZIE MACNEIL

١

: BRADLEY BROS. Drill type

: 48+00E

Core size

Section

: 4800.00E

Elevation Assay req.

Started

Completed

Grid name

: 1000.00m : Au & As

1 1 1 1

Test Method :

198. 1200.0 <6.000 450.00 23.50

: FEBRUARY 19. 1990

: FEBRUARY 19. 1990

BL azimuth BH bearing :

Hole length :

Level

Dip

1

Heading

** DEVIATION RECORDS **

depth. dip depth dip depth dip depth dip

0.00 360.00 -90.00

COMMENTS :

LEFT IN HOLE NONE

FROM TO DESCRIPTION FROM FE ZN m PPB PPM PPM PPM PPM

0.00 3.00 HUMUS

no return.

0.00 3.00 3.00 NS

3.00

Assume this section to be organics followed by clay.

3.00 29.70 SEDIMENT

OJIBWAY II SEDIMENTS.

3.00 22.00 Gray, gritty clay with

28.80 25.80 NS 28.80 29.70 0.90 RX 126777

scattered granules. Down hole clay

slightly higher concentration of grit

and becomes slightly penetrate.

22.00 29.70 Gray to gray beige, varved,

PAGE 2
** INCO **
DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE X	ZN PPM
sof	ft and clay	y.										
29.70	31.50 B	EDROCK										
	Dark g	reen, generally	29.70	30.40	0.70	RX 126778	< 5.	30.0	<5.000	<4.00	9.17	<50.
mas	ssive, fin	e 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% faint	ly green possibly	31.00	31.50	0.50	RX 126780	< 5.	27.0	<5.000	<4.00	10.00	140.
sau	ussuritize	d plagioclase and 40% dark										
gre	en to bla	ck pyroxene and chloritized										
pyr	roxene. C	ontains< 2% disseminated										
çal	lcite and	trace disseminated cubic										

E.O.H. = 31.50 metres.

pyrite.

84924-0	١	-0	4	2	Q	L	8	
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PROJECT

PAGE 1

84944-0

30.40m

PRINT DATE :27-AUG-1990 15:23

: SURFACE

** INCO ** **DRILL LOG**

BOREHOLE :84924-0

: BLONDEL

PROPERTY NAME: BLONDEL

Latitude

NTS/Quad : 32E/10 & 11

Country : CANADA

Prov./state : QUEBEC

Twp/County : MONTGOLFIER Claim #

400.00N

: 5200.00E Departure Logged by Drilled by

: KENZIE MACNEIL

1

: BRADLEY BROS.

Assay red.

Drill type Core size

Section : 52+00E Test Method :

Elevation

Grid name

: FEBRUARY 19. 1990 Started Completed

: FEBRUARY 19, 1990

: 1000.00m

: Au & As

: 090 BL azimuth BH bearing

Heading

Hole length :

Level

QiQ

** DEVIATION RECORDS **

depth azm dip depth dip depth dip depth 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 TO DESCRIPTION FROM TO

L.ENGTH SAMPLE#

AS PPB PPN

AG PPM FE

ZN PPN

0.00 1.40 HUMUS

Organic material and brown

0.00 1.40 1.40 NS

organic rich clay.

1.40 27.00 SEDIMENT

OJIBWAT II SEDIMENTS. Gray,

1.40 27.00 25.60 NS

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.

PAGE 2
** INCO **
DRILL LOG

FROM m	TO m	DESCRIPTION	FROM	ΤΟ (m	LENGTH m	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE X	ZN PPM
Un Co vo 40	sorted, find it is cobbly ntains 60% lcanic and: % granodion 28.90 30.0 30.40 BEI	N TILL. Gray beige, e sand and silt matrix. y but is clast supported. intermediate to mafic sedimentary clasts with ite clasts. DO Gray, gritty clay matrix.	27.00 28.00 29.60		1.60	RX 126781 RX 126782 RX 126783	77. 153. 39.	120.0 180.0		130.00 87.00 370.00	19.40 18.30 19.60	<200. 230. 470.
wh	ained (0.2-	0.3 mm) with 75% greenish lase and 25% medium green	30.00									

PAGE 2

4925 1 1 lpa h 1 1 1 1 1 B494:

> ** INCO ** **DRILL LOG**

BOREHOLE :84925-0

PROJECT : BLONDEL

PROPERTY NAME: BLONDEL

Latitude

NTS/Quad : 32E/10 & 11 : CANADA

Country Prov./state : QUEBEC

Two/County : MONTGOLFIER Claim #

: 725.00N

Departure Logged by Drilled by

: 5200.00E

: KENZIE MACNEIL

: BRADLEY BROS.

Drill type Core size

Section : 52+00E Elevation : 1000.00m

: Au & As Assay red. Test Method :

Started : FEBRUARY 19, 1990 : FEBRUARY 19. 1990 Completed

Grid name

33.00m Hole Length : Level : SURFACE

PRINT DATE :27-AUG-1990 14:58

Dip

BL azimuth : 090

BH bearing Heading

** DEVIATION RECORDS **

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

COMMENTS :

LEFT IN HOLE NONE

FROM TO DESCRIPTION FROM FE ZN SAMPLE# AS PPM PPM 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,

30.90 31.30 0.40 RX 126785

186. 560.0 <6.000 790.00 25.60 <200.

unsorted, fine sand and silt matrix.

84925-0

84925-0 PAGE 1

** INCO ** **DRILL LOG**

BOREHOLE ·84926-0

PROJECT : BLONDEL

PROPERTY NAME: BLONDEL

Latitude NTS/Quad : 32E/10 & 11

Country : CANADA Prov./state : QUEBEC

Twp/County : MONTGOLFIER Claim #

810.00N

Drilled by

Section

Core size

Logged by

: 3600.00E Departure

: KENZIE MACNEIL

: BRADLEY BROS.

Drill type : 36+00E Assay req. : Au & As Test Method :

Elevation

Started : FEBRUARY 19, 1990 Completed : FEBRUARY 20, 1990 Grid name

: 1000.00%

BL azimuth : 090 BH bearing :

Hole Length :

Level

Dip

PRINT DATE :27-AUG-1990 14:58

: SURFACE

13.50m

Heading

** DEVIATION RECORDS **

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

COMMENTS :

LEFT IN HOLE NONE 1 HOUR TO CLEAN MUD TANKS

FROM TO DESCRIPTION FROM FΕ ZN TO SAMPLE# ΑU AS PPB PPM PPM PPM PPM

0.00 1.40 HUMUS

Organic material with poor

0.00 1.40 1.40 NS

return.

1.40 10.00 SEDIMENT

OJIBWAY II SEDIMENTS. Gray.

10.00 8.60 NS 1.40

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.

10.00 11.90 TILL

PAGE 2
** INCO **
DRILL LOG

FROM	то	DESCRIPTION	FROM	TO I	ENGTH	SAMPLE#	AU	AS	AG	W	FE	ZN
m	m		m		m		PPB	PPM	PPM	PPM	x	PPM
	Gray	beige, unsorted, fine	10.00	10.50	0.50	NS						
sa	nd/silt u	unit is cobbly but is matrix	10.50	11.90	1.40	RX 126789	195.	110.0	<5.000	230.00	22.40	270.
su	pported.	Contains 50% intermediate										
to	mafic vo	olcanic and sedimentary										
cl	asts with	n 50% granodiorite clasts.										
	11.50	11.80 Poor inconsistent sample										
ге	turn.											
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), u	weakly foliated, 1 to 2%	12.50	13.00	0.50	RX 126791	<5.	5.0	<5.000	<4.00	7.42	120.
qu	artz cale	cite stringers. Rock itself	13.00	13.50	0.50	RX 126792	<5.	4.0	<5.000	<4.00	7.19	150.
	weakly (calcareous with no visible										

E.O.H. = 13.50 metres.

84926a-0	PAGE 1	84926a-0
047608-0	FAGE I	047E04-0

** INCO ** **DRILL LOG**

BOREHOLE :849268-0

PROJECT : BLONDEL

PROPERTY NAME: BLONDEL

Latitude 810.00N

NTS/Quad : 32E/10 & 11

Country : CANADA Prov./state : QUEBEC

Twp/County : MONTGOLFIER Claim #

: 3588.00E Departure

Logged by

Drilled by

Core size

Section

1

: KENZIE MACNEIL

: BRADLEY BROS.

Drill type

Ì

: 35+88E

Fievation : 1000.00m

Assay req.

. Au & As

Test Method : Started

: FEBRUARY 20, 1990 : FEBRUARY 20, 1990

Completed Grid name BL azimuth : 090 BH bearing :

Hole Length :

Level

Dip

Heading

PRINT DATE :28-AUG-1990 09:00

: SURFACE

12.10m

** DEVIATION RECORDS **

dip depth dip depth dip depth dip depth

0.00 360.00 -90.00

COMMENTS :

0.00

9.50

11.10

LEFT IN HOLE NONE REDRILL OF HOLE 84926-0

FE ZN AS FROM TO DESCRIPTION FROM SAMPLE# PPB 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.

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

8.10 8.10 NS

9.50 1.40 RX 126793 11.10 1.60 RX 126794 12.00 0.90 RX 126795

69. 345.

210.

67.0 <5.000 110.00

110.0 <5.000

210.0 <5.000 970.00

64.00

19.60

19.50

12.50 <200. 230.

<200.

o ,	926	4 -	_^
	4/	אכ	-1,

FROM

TO

PAGE 2
** INCO **
DRILL LOG

SAMPLE#

AU

PPB

84926a-0

granodiorite clasts. Below 10.00 metres unit appears to be matrix supported.

DESCRIPTION

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.

PPM

PPM

FE

ZN

PPM

PAGE 2

84927-0	PAGE 1	84921-0

** INCO ** **DRILL LOG**

BOREHOLE :84927-0

PROJECT

Claim #

: BLONDEL

PROPERTY NAME: BLONDEL

Latitude : 1800.00N

NTS/Quad : CANADA Country

Prov./state : QUEBEC Two/County

: MONTGOLFIER

: 32E/10 & 11

200.00E Departure Logged by

: KENZIE MACNEIL Drilled by : BRADLEY BROS.

Drill type Core size

Section : 2+00E Elevation : 1000.00m

: Au & As Assay req. Test Method :

: FEBRUARY 20, 1990 Started : FEBRUARY 20, 1990 Completed

Grid name

BL azimuth BH bearing :

Level

Dip

Heading

PRINT DATE :27-AUG-1990 15:23

: 090

: SURFACE

Hole length: 22.00m

** DEVIATION RECORDS **

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

COMMENTS :

LEFT IN HOLE NONE

FE ZN AS DESCRIPTION FROM TO LENGTH SAMPLE# FROM TO PPM PPM x PPM PPM

1.50 HUMUS 0.00

No return. Assume this

0.00 1.50 1.50 NS

section to be organics.

1.50 18.10 SEDIMENT

OJIBWAY II SEDIMENTS.

1.50 18.10 16.60 NS

1.50 15.00 Gray, gritty, clay with rare

pebbles.

15.00 18.10 Gray to gray beige, non

gritty, varved clay.

18.10 20.50 TILL

Gray beige, unsorted, fine

18.10 19.50 1.40 RX 126797

160.0 <5.000 150.00

20.30 <200.

> 84927-0 PAGE 1

E.O.H. = 22.00 metres.

84921-0

PAGE 2
** INCO **
DRILL LOG

FROM	то	DESCRIPTION	FROM	TO I	LENGTH	SAMPLE#	AU	AS	AG	W	FE	ZN
m	m		m	m	m		PPB	PPM	PPM	PPM	x	PPM
sar	nd and si	lt unit is cobbly but is	19.50	20.50	1.00	RX 126798	161.	140.0	<5.000	120.00	22.80	<200.
	• •	orted. Contains 50%										
int	termediat	e to mafic volcanic and										
sec	dimentary	clasts with 50%					-					
gra	enodiorit	e clasts. below 20.10										
me1	tres 50%	of the clasts become black										
si	ltstone.											
20.50	22.00	BEDROCK										
	Silts	tone. Black,	20.50	21.00	0.50	RX 126799	<5.	<2.0	<5.000	<4.00	6.82	150.
apl	hanitic,	fissile, non calcareous with	21.00	21.50	0.50	RX 126800	7.	3.0	<5.000	<4.00	7.01	200.
fa	int trace	s of pyrite or pyrrhotite.	21.50	22.00	0.50	RX 126801	<5.	7.0	<5.000	<4.00	6.59	140.
Be	low 21.50	metres the rock appears										
mo	re massiv	e and slightly coarser										
gra	ained wit	h a medium green gray										
co	lour.											

PAGE 2

R	4	22	R	_	n	

PROJECT

PAGE 1

84446-0

19.50m

PRINT DATE :27-AUG-1990 14:58

: SURFACE

: 090

** INCO ** **DRILL LOG**

-84928-0 BOREHOLE

: BLONDEL

PROPERTY NAME: BLONDEL

Latitude : 1850.00N

NTS/Quad : 32E/10 & 11

Country : CANADA Prov./state : QUEBEC

Two/County : MONTGOLFIER

Claim #

Departure

Logged by : KENZIE MACNEIL

Drilled by : BRADLEY BROS.

Drill type Core size

Section

400,00E

Assay req. Test Method :

Started

Grid name : 4+00E

: 1000.00m Elevation

: Au & As

: FEBRUARY 20, 1990 : FEBRUARY 20, 1990 Completed

BL azimuth BH bearing : **Heading**

Hole length :

Level

Dip

** DEVIATION RECORDS **

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

COMMENTS :

LEFT IN HOLE NONE

CHANGE BIT AAND SUB

DESCRIPTION FROM SAMPLE# AS FE ZN TO LENGTH FROM TO PPM PPM PPM X PPM PPB

0.00 1.00 HUMUS

Organic material and brown

0.00 1.00 1.00 NS

oxidized organic rich clay.

1.00 18.10 SEDIMENT

OJIBWAY II SEDIMENTS.

1.00 18.10 17.10 NS

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.

FROM	TO -	DESCRIPTION	FROM		LENGTH	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE X	ZN PPM
m	m		n	m	m		PPB	FFN	FFM	FFM	^	rrn
18.10	19.50	BEDROCK										
	Dark 1	to medium gray,	18.10	18.50	0.40	RX 126802	<5.	<2.0	<5.000	<4.00	1.74	<50.
apl	hanitic, d	dark banded siltstone with	18.50	19.00	0.50	RX 126803	< 5.	2.0	<5.000	<4.00	2.03	<50.
Lig	ghter band	ds up to 1 millimetre.	19.00	19.50	0.50	RX 126804	< 5.	2.0	<5.000	<4.00	2.02	62.
Mi	nor calcii	te with some cherty bands.										
•	18,40 19	9.00 Dark gray to black, finely								•		
fo	liated si	ltstone or graywacke. Unit										
bio	otitic and	d is non calcareous.										
•	19.00 19	9.50 2 to 5% quartz calcite										
st	ringers a	nd veinlets parallel to										
fo	liation.											

BOREHOLE

PAGE 1

84929-0

** INCO **

DRILL LOG

Drilled by

Drill type

Core size

Section

PRINT DATE :28-AUG-1990 09:00

PROJECT : BLONDEL

PROPERTY NAME: BLONDEL

Latitude : 1875.00N NTS/Quad : 32E/10 & 11

:84929-0

Country : CANADA
Prov./state : QUEBEC

Twp/County : MONTGOLFIER
Claim # :

Departure : Logged by : KEN

: 800.00E : KENZIE MACNEIL : BRADLEY BROS.

: 8+00E

Elevation Assay req.

: 1000.00m

Hole length : 28.50m Level : SURFACE

Assay req. : Au & As Test Method :

Dip

Started : FEBRUARY 20, 1990 BL azimuth : 090 Completed : FEBRUARY 20, 1990 BH bearing :

Grid name :

BH bearing : Heading :

** DEVIATION RECORDS **

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 ppB ppm ppm ppm % 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.

84929-0 PAGE 1

PAGE 2

** INCO **

DRILL LOG

FROM	TO	DESCRIPTION	FROM	то	LENGTH	SAMPLE#	AU	AS	AG	W	FE	ZN	
m	m		m	m			PPB	PPM	PPM	PPM	X ,	PPM	
uns	sorted, f	ine sand and silt matrix.											
Uni	it is cobb	bly but is matrix supported.											
Co	ontains 5	5% intermediate to mafic											
vol	lcanic and	d sedimentary clasts with											
457	K granodio	orite clasts.											
27.10	28.50 E	BEDROCK											
	Siltsi	tone. Unit is black,	27.10	27.60	0.50	RX 126806	<5.	31.0	<5.000	<4.00	5.17	120.	
aph	nanitic, 1	fissile, non calcareous,	27.60	28.00	0.40	RX 126807	<5.	32.0	<5.000	34.00	4.79	95.	
wit	th no visi	ible sulfides.	28.00	28.50	0.50	RX 126808	<5.	37.0	<5.000	<4.00	5.49	210.	
	E.O.1	H. = 28.50 metres.											

PAGE 2

	_	-	_
91	93	·n	л

PAGE 1

1 1 1

84920-0

35.70m

PRINT DATE :27-AUG-1990 14:58

: SURFACE

: 090

** INCO ** **DRILL LOG**

:84930-0 BOREHOLE

PROJECT : BLONDEL

PROPERTY NAME: BLONDEL

Latitude

: 32E/10 & 11 NTS/Quad : CANADA Country

Prov./state : QUEBEC Twp/County : MONTGOLFIER

Claim #

: 1875.00N

Departure Logged by

Drilled by

: 1000.00E

: 10+00E

: KENZIE MACNEIL

: BRADLEY BROS.

Drill type Core size

Section

: 1000.00m Elevation

Started

Completed

Grid name

Assay req. : Au & As

Test Method :

: FEBRUARY 20, 1990

1 1 1 1 1

: FEBRUARY 21, 1990

BH bearing :

BL azimuth

Hole length :

Level

Dip

Heading

** DEVIATION RECORDS **

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

COMMENTS :

LEFT IN HOLE NONE

FE ZN DESCRIPTION AS FROM TO FROM SAMPLE# x PPM PPB 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,

PAGE 2
** INCO **
DRILL LOG

FROM	то	DESCRIPTION	FROM	TO I	.ENGTH	SAMPLE#	AU	AS	AG	W	FE	ZN
M	m		m	m	m		PPB	PPM	PPM	PPM	x	PPM
D.	n anitty	soft clay.										
33.50		•										
33.30			77 50	7/ 20	0.70	DV 424900	04	190.0	<5.000	170.00	25.10	210.
		SON TILL. Gray beige,	33.50	34.20	0.70	RX 126809	81.	160.0	45.000	170.00	23.10	210.
ur	nsorted, fi	ne sand and silt matrix.										
Ur	nit is cobb	oly but is matrix supported.										
(Contains 55	% intermediate to mafic										
V	olcanic and	sedimentary clasts with										
45	X granitic	clasts.										
34.20	35.70 B	BEDROCK										
	Siltst	one. Unit is black,	34.20	34.80	0.60	RX 126810	< 5.	17.0	<5.000	<4.00	5.36	120.
ar	hanitic, f	issile, non calcareous.	34.80	35.20	0.40	RX 126811	6.	16.0	<5.000	<4.00	5.37	100.
Ве	elow 34.80	metres local quartz	35.20	35.70	0.50	RX 126812	< 5.	12.0	<5.000	<4.00	4.30	140.
ve	einlets wit	h a trace of pyrite and										
C	ilcite.											
	E.O.H	= 35.70 metres.										

81		
ж		

PROJECT

PAGE 1

84931-0

** INCO ** **DRILL LOG**

BOREHOLE :84931-0

: BLONDEL

PROPERTY NAME: BLONDEL

: 2200.00N Latitude

NTS/Quad Country

Prov./state : QUEBEC Twp/County : MONTGOLFIER

: 32E/10 & 11 : CANADA

Claim #

Departure

: 1200.00E Logged by

ı

1

: KENZIE MACNEIL

: BRADLEY BROS. Drilled by Drill type

Core size Section

: 12+00E

Elevation : 1000.00m

1 1 1 1

Assay req. : Au & As Test Method :

Started : FEBRUARY 21, 1990 Completed : FEBRUARY 21, 1990

Grid name :

38.20m Hole Length :

: SURFACE

PRINT DATE :28-AUG-1990 09:00

: 090

BL azimuth BH bearing Heading

Level

Dip

1

** DEVIATION RECORDS **

depth dip depth dip depth A7M dip depth dip 0.00 360.00 -90.00

COMMENTS :

LEFT IN HOLE NONE

CHANGE BIT AT END OF HOLE

FROM

36.60

37.10

FROM TO DESCRIPTION

TO LENGTH SAMPLE#

AS PPB PPM

52.

67.

<5.

PPM

PPM

FE

PPM

ZN

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). Medium gray, fine grained, moderately

but indistinctly foliated with

37.10 0.50 RX 126813 37.60 0.50 RX 126814

37.60 38.10 0.50 RX 126815

2.0 < 5.000

69.0 <5.000 270.00

99.0 <5.000 150.00

<4.00

16.10 <50. 170. 4.81

110.

15.60

84931-0

PAGE 2

DRILL LOG

FROM TO DESCRIPTION FROM TO LENGTH SAMPLE# AU AS AG W FE ZN

m m m m PPB PPM PPM X PPM

1 1 1

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.

PAGE 2

84931-0

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PROJECT

PAGE 1

84926-0

37.50m

PRINT DATE :27-AUG-1990 15:23

: SURFACE

** TNCO ** **DRILL LOG**

:84932-0 BOREHOLE

: BLONDEL

PROPERTY NAME: BLONDEL

Latitude : 2480.00N

NTS/Quad : 32E/10 & 11

: CANADA Country Prov./state : QUEBEC

Twp/County : MONTGOLFIER

Claim #

700.00E Departure

: KENZIE MACNEIL

: BRADLEY BROS.

Drill type

Core size

Logged by

Drilled by

: 7+00E Section

Elevation

: 1000.00m : Au & As Assay reg.

Test Method :

: FEBRUARY 21, 1990 Started : FEBRUARY 21, 1990 Completed

Grid name

BL azimuth : 090

Level

Dip

BH bearing : Heading

Hole Length :

** DEVIATION RECORDS **

dip depth azm dip depth aib depth dip depth

0.00 360.00 -90.00

COMMENTS :

************ LEFT IN HOLE NONE

ZN FE DESCRIPTION FROM SAMPLE# FROM TO TO LENGTH PPN PPN PPB PPM PPM

0.00 1.00 HUMUS

No return. Assume this

0.00 1.00 1.00 NS

section to be organic material.

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.

5.10 Granodiorite boulder.

24.50 34.50 Gray to gray beige, varved,

non gritty clay and silt.

34.50 36.20 TILL

FROM	TO	DESCRIPTION	FROM	TO L	.ENGTH	SA	MPLE#	AU	AS	AG	W	FE	ZN
M	m		m	m	m			PPB	PPM	PPM	PPM	x	PPN
	MATHE	SSON TILL. Gray beige,	34.50	36.00	1.50	RX	126816	N/A	N/A	N/A	N/A	N/A	<200.
un	sorted, f	ine sand and silt matrix.	36.00	36.20	0.20	RX	126817	N/A	N/A	N/A	N/A	N/A	<200.
Un	it is cob	obly but is matrix supported.											
С	ontains 5	0% intermediate to mafic											
vo	lcanic an	nd sedimentary clasts with											
50	% granodi	orite clasts. at 35.10											
яė	tres thin	seam of non gritty, soft											
cl	ay. Belo	w 35.10 metres minor gray											
gr	itty clay	matrix in till.											
36.20	37.50	BEDROCK											*
	Diori	te. Mottled black and	36.20	36.70	0.50	RX	126818	6.	2.0	<5.000	<4.00	3.10	99.
wh	ite, mass	sive, medium to coarse	36.70	37.20	0.50	RX	126819	< 5.	<2.0	<5.000	<4.00	3.22	<50.
gr	ained (1-	-2 mm) with a hypidiomorphic	37.20	37.50	0.30	RX	126820	< 5.	2.0	<5.000	<4.00	3.23	< 50.
te	xture wit	th 65% white feldspar, 30%											
ы	ack hornb	lende and biotite with 15%											
or	less qua	artz. Unit is non calcareous											
wi	th no vis	ible sulfides.											
	E.O.H	i. = 37.50 metres.											

PROJECT

PAGE 1

0-دد849

38.00m

PRINT DATE :27-AUG-1990 15:23

: SURFACE

** INCO ** **DRILL LOG**

:84933-0 BOREHOLE

: BLONDEL

PROPERTY NAME: BLONDEL

: 2400.00N Latitude

: 32E/10 & 11 NTS/Quad : CANADA Country

Prov./state : QUEBEC : MONTGOLFIER

Twp/County Claim #

Departure Logged by Drilled by

500,00E : KENZIE MACNEIL

: BRADLEY BROS.

Drill type Core size

Section : 5+00E Elevation

Started

Completed

Grid name

: 1000.00m : Au & As Assay red.

Test Method :

1 1 1 1

: FEBRUARY 21, 1990

: FEBRUARY 21, 1990

: 090 BL azimuth BH bearing

Hole Length :

Level

Dip

Heading

** DEVIATION RECORDS **

depth azm dip depth 0.00 360.00 -90.00

dip

depth

dip

depth 87R

dip

COMMENTS :

LEFT IN HOLE NONE

CHANGE BIT AT END OF HOLE

FROM

DESCRIPTION FROM TO m

LENGTH SAMPLE#

AS PPB PPM

PPM

AG

PPM

FE ZN PPM

0.00 1.30 HUMUS

No return. Assume this

0.00 1.30 1.30 NS

section to be organic material.

1.30 33.60 SEDIMENT

OJIBWAY II SEDIMENTS.

1.30 33.60 32.30 NS

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.

FROM	то	DESCRIPTION	FROM	то	LENGTH	SAMPLE#	AU	AS	AG	W	FE	ZN
m	m		m	m	m		PPB	PPM	PPM	PPM	X	PPM
	24.00 3	53.60 Gray to gray beige, varved,				•						
n	on gritty,	, clay with no pebbles										
p	resent.											
33.60	37.40	TILL										
	MATHE	ESON TILL. Gray beige,	33.60	34.60	1.00	RX 126821	79.	86.0	<5.000	210.00	17.90	<200.
u	nsorted, 1	fine sand and silt matrix.	34.60	36.00	1.40	RX 126822	64.	93.0	<5.000	180.00	18.90	<200.
U	nit is col	obly but is matrix supported.	36.00	37.40	1.40	RX 126823	147.	60.0	<5.000	320.00	17.30	<200.
	Contains 6	50% intermediate to mafic										
v	olcanic ar	nd sedimentary clasts with										
4	0% granodi	iorite clasts.										
	37.20	37.40 99% diorite rock chips with										
n	o matrix.	Possible bedrock										
37.40	38.00	BEDROCK										
	Simil	lar to bedrock of hole	37.40	37.8	0.40	RX 126824	< 5.	<2.0	<5.000	<4.00	2.03	55.
8	4932. Cor	ntains a strong shear 37.50	37.80	38.0	0.20	RX 126825	<5.	<2.0	<5.000	4.00	3.70	<50.
		ection also contains 50%										
		unit contains no noted										
_	ineralizat											

 	_
974	-()

Claim #

PAGE 1

84934-0

23.10m

PRINT DATE : 28-AUG-1990 11:33

: SURFACE

** INCO ** **DRILL LOG**

:84934-0 **POREHOLE**

PROJECT : BLONDEL

PROPERTY NAME: BLONDEL

Latitude NTS/Quad

: 32E/10 & 11

: CANADA Country

Prov./state : QUEBEC

: MONTGOLFIER Two/County

: 2900.00N

Logged by

Departure

Drilled by

Drill type

Core size

Section

: KENZIE MACNEIL : BRADLEY BROS.

: 5+00E

500.00E

Elevation : 1000.00m Assay reg.

Test Nethod

Started

Completed

Grid name

: Au & As

: FEBRUARY 21, 1990

: FEBRAURY 21, 1990

Dip

Level

ZN

PPM

Hole length :

BL azimuth : 090

BH bearing

Heading

** DEVIATION RECORDS **

depth dip depth dip depth dip deoth

0.00 360.00 -90.00

COMMENTS :

LEFT IN HOLE NONE

DESCRIPTION FROM TO FE 7.2B PPH

0.00 1.40 HUMUS

No return. Assume this

0.00 1.40 1.40 NS

section to be organic material.

1.40 21.10 SEDIMENT

OJIBWAY II SEDIMENTS. Gray,

1.40 21.10 19.70 NS

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.

21.10 21.60 TILL

FROM	TO	DESCRIPTION	FROM	TO L	ENGTH	SAMPLE#	AU	AS	AG	W	FE	ZN
m	m		m	m	m		PPB	PPM	PPM	PPM	X	PPM
Uni Cor vol	sorted, f it is cob ntains 50 Lcanic an % granodi	SON TILL. Gray beige, ine sand and silt matrix. bly but matrix supported. If intermediate to mafic and sedimentary clasts with orite clasts.	21.10	21.60	0.50	RX 126826	101.	72.0	<5.000	230.00	18.50	<200.
21.60		BEDROCK diorite. Mottled white	21.60	22.10	0.50	RX 126827	< 5.	<2.0	<5.000	<4.00	1.99	<50.
and		coarse grained (2.00 mm),	22.10		0.50		<5.		<5.000	<4.00	1.93	100.
mas pla 10 app tra	ssive, hy agioclase to 15% o ple green aces of d ted miner	rpidiomorphic with 60% white 2, 25% hornblende / biotite, clear quartz and very minor a epidote. Contains faint disseminated calcite& no ralization.	22.60		0.50		< 5.	<2.0	<5.000	<4.00	1.81	<50.

0-دد849 84935-0 PAGE 1

> ** INCO ** **DRTH LOG**

BOREHOLE :84935-0

PROJECT : BLONDEL

PROPERTY NAME: BLONDEL

Latitude : 3125.00N

: 32E/10 & 11 NTS/Quad

: CANADA Country Prov./state : QUEBEC

Twp/County : MONTGOLFIER Claim #

Departure Logged by

Drilled by

Drill type

Core size

Section

: BRADLEY BROS.

: 6+00E

600.00E : KENZIE MACNEIL

Elevation Assay red.

Started

1000.00m : Au & As

Test Method :

: FEBRUARY 23, 1990

: SURFACE Level

Hole length :

1

PRINT DATE :27-AUG-1990 14:58

30.00m

Dip

: 090 BL azimuth

BH bearing :

Completed : FEBRUARY 23, 1990 Grid name :

Heading

** DEVIATION RECORDS **

dip dip depth dip dip depth depth depth azm

0.00 360.00 -90.00

COMMENTS :

LEFT IN HOLE NONE CHANGE BIT AT END OF HOLE

FE ZN FROM TO DESCRIPTION FROM SAMPLE# AS X PPB PPM PPM 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 27.90 26.50 NS

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

84935-0

27.90 28.50 TILL

FROM	TO m	DESCRIPTION	FROM m	TQ m	LENGTH	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE X	ZN PPM
i s g	and and silt matrix suppor ntermediate edimentary c ranodiorite		27.90	28.50	0.60	RX 126830	79.	,90.0	<5.000	150.00	18.80	<200.
m f	Granodi and white, co assive, hypi eldspar with	iorite. Mottled black parse grained (2.0 mm), idiomorphic w 50% white n minor local epidote Contains 30% black	28.50 29.00 29.50	29.50	0.50 0.50 0.50		6. <5. <5.	<2.0	<5.000 <5.000 <5.000	<4.00 <4.00 <4.00	1.88 2.15 1.82	<50. <50. <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.

chloritized hornblende% 20% clear quartz. Sample contains trace disseminated calcite with no visible

sulfides.

84936-0 849-0-0 PAGE 1

> ** TNCO ** **DRILL LOG**

BOREHOLE :84936-0

PROJECT : BLONDEL

PROPERTY NAME: BLONDEL

: 3125.00N Latitude

NTS/Quad : 32E/10 & 11

Country : CANADA Prov./state : QUEBEC

Twp/County : MONTGOLFIER Claim #

Logged by Drilled by Drill type

Departure

: BRADLEY BROS.

Core size

200,00E

: KENZIE MACNEIL

1

Section : 2+00F

: 1000.00m Elevation

Started

Completed

Grid name

: Au & As Assay req.

Test Method :

: FEBRUARY 23, 1990

: FEBRUARY 23, 1990

: 090 BL azimuth

PRINT DATE :27-AUG-1990 15:23

: SURFACE

31.30m

BH bearing Heading

Hole length:

Level

Dip

- 1

** DEVIATION RECORDS **

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

COMMENTS :

LEFT IN HOLE NONE

DESCRIPTION SAMPLE# AS AG FE ZN FROM TO FROM LENGTH PPB PPM PPM PPM X PPN

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

84936-0

E.O.H. = 31.30 metres.

PAGE 2

** INCO **

DRILL LOG

FROM	TO [DESCRIPTION	FROM	TO L	ENGTH	SAMPLE#	AU PPB	AS PPM	AG PPM	W PPM	FE %	ZN PPM
su; to	nd and silt un oported. Conta mafic volcanie	, unsorted, fine it is cobbly but clast ains 50% intermediate c and sedimentary granitic clasts.	27.00 28.50	28.50 29.80		RX 126834 RX 126835	217. 191.	88.0 58.0	<5.000 <5.000	210.00 300.00	18.10 17.10	<200. <200.
29.80 and man wh ep chl cle dis	31.30 BEDROG Granodiorii d white, coarse ssive, hypidior ite feldspar w idote alteratio loritized hornl ear quartz. Co	CK te. Mottled black e grained (2.00 mm), morphic with 45 to 50% ith minor apple green on, 20% black blende and 25 to 30%	29.80 30.30 30.80	30.30 30.80 31.30		RX 126837	<5. <5. <5.	<2.0	<5.000 <5.000 <5.000		1.81 1.82 1.88	<50. <50. <50.

84	07	٦,	n

PROJECT

Claim #

FROM

0.00

PAGE 1

DRILL LOG

84427-0

31.50m

PRINT DATE :27-AUG-1990 14:58

: SURFACE

** INCO **

BOREHOLE :84937-0

: BLONDEL

PROPERTY NAME: BLONDEL

Latitude : 3000.00N

NTS/Quad : 32E/10 & 11

: CANADA Country Prov./state : QUEBEC

: MONTGOLFIER Twp/County

Logged by Drilled by

Departure

: BRADLEY BROS.

Drill type

900.00E

: KENZIE MACNEIL

Core size

: 9+00E Section

: 1000.00m Elevation : Au & As

AS

PPM

PPM

PPB

Assay reg. Test Method :

Started : FEBRUARY 23, 1990 : FEBRUARY 23, 1990 Completed

Grid name

Dip BL azimuth : 090

Hole Length :

Level

ZN

PPN

FΕ

x

PPM

BH bearing

Heading

** DEVIATION RECORDS **

TO LENGTH

28.70 27.40 NS

dip dip dip dip depth depth depth depth 878 0.00 360.00 -90.00

SAMPLE#

COMMENTS :

LEFT IN HOLE NONE

FROM

1.30

DESCRIPTION

1.30 HUMUS Organic material.

0.00 1.30 1.30 NS

1.30 28.70 SEDIMENT

TO

OJIBWAY II SEDIMENTS.

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

84937-0

84937-0

PAGE 1

FROM	то	DESCRIPTION	FROM	то	LENGTH	S	AMPLE#	AU	AS	AG	W	FE	ZN
m	m			m	m			PPB	PPM	PPM	PPM	x	PPM
	Gr	ay beige, unsorted, fine	28.70	29.60	0.90	RX	126839	N/A	N/A	N/A	N/A	N/A	240.
sar	sand and silt abundant cobbles and			30.30	0.70	RX	126840	54.	100.0	<5.000	230.00	17.80	<200.
pet	bles	but unit is matrix supported.											
502	inte	rmediate to mafic volcanic and											
sec	liment	ary clasts with 50%											
gra	nodio	rite. Most of the intrusive											
cla	sts s	eem to be of local											
2	9.50	29.70 Granodiorite boulder.											
3	0.20	30.30 Gray gritty clay as matrix.											
30.30	31.5	O BEDROCK											
	Mo	ttled black and white (to	30.30	30.80	0.50	RX	126841	129.	76.0	<5.000	300.00	17.50	<50.
pin	kish	white), coarse grained (1-3	30.80	31.20	0.40	RX	126842	< 5.	<2.0	<5.000	<4.00	1.93	<50.
mm)	, hyp	idiomorphic with 50% white to	31.20	31.50	0.30	RX	126843	<5.	<2.0	<5.000	<4.00	2.17	130.
pin	k whi	te feldspar, 30% black and 20%											
cle	er qu	artz. Contains minor epidote											
alt	erati	on with trace disseminated											
cal	cite	and no visible sulfides.											
	E.	O.H. = 31.50 metres.											

01	070	^
-04	A30	-u

Claim #

PAGE 1

84420-0

** INCO ** **DRILL LOG**

BOREHOLE :84938-0

PROJECT : BLONDEL

PROPERTY NAME: BLONDEL

Latitude : 375.00N

NTS/Quad : 32E/10 & 11 Country : CANADA

Prov./state : QUEBEC Twp/County

: MONTGOLFIER

Logged by

Departure : 2400.00E : KENZIE MACNEIL

Drilled by : BRADLEY BROS. Drill type

Core size

Section : 24+00E Elevation : 1000.00m

> : Au & As Assay reg. Test Method :

Started : FEBRUARY 24, 1990 : FEBRUARY 24, 1990 Completed

Grid name

20.70m Hole Length :

PRINT DATE :27-AUG-1990 14:58

: SURFACE

Dip

Level

BL azimuth : 090 BH bearing :

Heading

** DEVIATION RECORDS **

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

COMMENTS :

LEFT IN HOLE NONE

FROM DESCRIPTION TO FROM AS AG FE ZN PPB PPM PPM PPM

0.00 1.50 HUMUS

No return. Assume this

0.00 1.50 1.50 NS

section to be organic material.

1.50 17.50 SEDIMENT

OJIBWAY II SEDIMENTS.

1.50 17.50 16.00 NS

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.

17.50 19.20 TILL

PAGE 2
** INCO **
DRILL LOG

FROM	TO	DESCRIPTION	FROM	то	LENGTH	SAMPLE#	AU	AS	AG	W	FE	ZN
Ħ	m		m	m	m		PPB	PPM	PPM	PPM	x	PPM
	MATHES	SON 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.
Ur	it is cob	oly but is matrix supported.										
c	ontains 50	0% intermediate to mafic										
VC	lcanics ar	nd sedimentary clast with										
50	% granodio	orite clasts.										
19.20	20.70	BEDROCK										
	Basali	t. Medium gray green,	19.20	19.60	0.40	RX 126846	<5.	<2.0	<5.000	<4.00	2.90	<50.
fi	ne grained	d, strongly schistose to	19.60	20.20	0.60	RX 126847	< 5.	<2.0	<5.000	<4.00	3.00	68.
sh	neared, and	d chloritic. sample is	20.20	20.70	0.50	RX 126848	< 5.	<2.0	<5.000	<4.00	1.86	51.
ex	tensively	silicified, and contains										
50	% pervasiv	ve quartz veining and										
st	ringers w	ith< 1% disseminated pyrite.										

19.60 19.80 Significant amounts of sample ground to white to gray clay.

E.O.H. = 20.70 metres.

PAGE 1

84927-0

56.50m

PRINT DATE :27-AUG-1990 15:23

: SURFACE

: 090

1

Hole length :

BL azimuth

Level

Dip

** INCO ** **DRILL LOG**

BOREHOLE :84939-0

PROJECT : BLONDEL

PROPERTY NAME: BLONDEL

Latitude

NTS/Quad : 32E/10 & 11

: CANADA Country

Prov./state : QUEBEC Twp/County : MONTGOLFIER

Claim #

520.00N

Departure Logged by Drilled by

Drill type Core size

0.00

: KENZIE MACNEIL

: BRADLEY BROS.

Section : 0+00 Elevation

Assay req.

Started

Completed

Grid name

Test Method

: 1000.00m

: Au & As

: FEBRUARY 24, 1990

: FEBRUARY 24, 1990

BH bearing : Heading

ΖN

PPM

** DEVIATION RECORDS **

dip dio depth depth dip depth dip deoth 0.00 360.00 -90.00

COMMENTS :

LEFT IN HOLE NONE

DESCRIPTION

FROM

LENGTH SAMPLE#

AS PPM

PPB

AG PPM

PPM

FE X

0.00 1.50 HUMUS

TO

No return. assume this

0.00 1.50 1.50 NS

section to be organic material.

1.50 25.30 SEDIMENT

OJIBWAY II SEDIMENTS.

1.50 25.30 23.80 NS

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.

84939-0

FROM

PAGE 2 ** INCO ** **DRILL LOG**

FROM	то	DESCRIPTION	FROM	TO L	_ENGTH	SAMPLE#	AU	AS	AG	w	FE	ZN
m	m		, m	m	m		PPB	PPM	PPM	PPM	x	PPM
25.30) TILL										-000
		THESON TILL. Gray beige,	25.30		1.20	RX 126849	70.		<5.000	200.00	20.30	<200.
un	sorted	fine sand and silt matrix.	26.50	26.90	0.40	RX 126850	2040.	170.0	<5.000	210.00	23.20	<200.
Un	it is o	obbly but matrix supported.	26.90	27.20	0.30	NS						
Co	ntains	40% intermediate to mafic	27.20	28.50	1.30	RX 126851	440.	100.0	<5.000	190.00	20.00	<200.
vo	lcanic	and sedimentary clasts with	28.50	30.00	1.50	RX 126852	58.	120.0	<5.000	160.00	21.60	280.
60	% grand	odiorite clasts. Many pebbles	30.00	31.50	1.50	RX 126853	162.	100.0	<5.000	71.00	20.60	<200.
ha	ve a gr	itty clay rind. Below 30.00	31.50	33.00	1.50	RX 126854	8 6.	96.0	<5.000	87.00	17.30	<200.
me	tres ti	ill consistently contains 5 to	33.00	34.50	1.50	RX 126855	59.	86.0	<5.000	100.00	17.80	<200.
20	% blaci	c siltstone clasts.	34.50	36.00	1.50	RX 126856	150.	86.0	<5.000	83.00	15.80	<200.
gr	anodior	ite boulder.	36.00	37.50	1.50	RX 126857	69.	110.0	<5.000	110.00	21.00	270.
	46.10	46.30 Minor gray, gritty, clay	37.50	39.00	1.50	RX 126858	293 .	88.0	<5.000	71.00	19.60	<200.
ma	trix.		39.00	40.50	1.50	RX 126859	37.	81.0	<5.000	100.00	19.50	<200.
	48.00	48.20 Gray, gritty, clay matrix.	40.50	42.00	1.50	RX 126860	119.	96.0	<5.000	93.00	18.00	<200.
	49,40	51.40 Till has a gray, gritty,	42.00	43.50	1.50	RX 126861	86.	93.0	<5.000	98.00	19.90	<200.
cl	ay mat	rix. Below 50.00 metres unit	43.50	45.00	1.50	RX 126862	500.	110.0	<5.000	93.00	21.80	<200.
	•	60% intermediate to mafic and	45.00	46,50	1.50	RX 126863	359.	110.0	<5.000	76.00	21.80	<200.
Se	dimenta	ary clasts with 40%	46.50	48.00	1,50	RX 126864	173.	86.0	<5.000	250.00	21.40	<200.
	anodio	· ·	48.00	49.50	1.50	RX 126865	7760.	120.0	<5.000	91.00	21.70	<200.
_	51.40	52.60 Till has a fine sand/silt	49.50	51.00		RX 126866	784.	410.0	<5.000	76.00	21.30	700.
		ith minor gritty clay metres.	51.00	52.50			325.	270.0	<5.000	90.00	26.40	230.
	52.60	55.20 Till has a gritty clay	52.50	54.00		RX 126868	458.	770.0	<6,000	110.00	30.60	<200.
	trix.	JJ.Ed Tite ind a givery ceay	54.00	55.20			371.		<5.000	77.00	28.00	330.
55.20) BEDROCK	54.00	JJ. 20	1.20	IIX TEGGG	5, , ,					
77.20		salt, Medium green, very	55.20	55 40	0.20	RX 126870	< 5.	16.0	<5.000	<4.00	4.45	<50.
4:		ined, moderately to strongly	55.40		0.60		<5.		<5.000	<4.00	5.01	<50.
	_	. Sample contain a few%	56.00		0.50		<5.		<5.000	<4.00	5.23	<50.
		•	20.00	20.30	0.50	KA 1200/2	٠,,	10.0	42.000	~7.00	J. LJ	-20.
SI	retche	d 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

0-در844

ZN

PPM

FE

84939-0

PAGE 3

** INCO ** **DRILL LOG**

DESCRIPTION FROM

PPB

with gritty, gray clay matrix. E.O.H. = 55.70 metres.

PAGE 3