81-#753-9458

BATEAUX CLAIMS OPTION
REPORT ON DIAMOND DRILLING, GEOLOGY AND GEOCHEMISTRY
KITGORO INLET, N.W. MORESBY ISLAND
QUEEN CHARLOTTE ISLANDS, B.C.
APRIL - MAY 1981

E. F. Pattison

September, 1981

9458

BATEAUX GROUPS

Bateaux, Bateaux 2, 3, 4, Aura Mineral Claims;

Bateaux 4, 5, 6 Mineral Claims

KITGORO INLET

N. W. MORESBY ISLAND

QUEEN CHARLOTTE ISLANDS, B.C.

N.T.S. 103F1W, Lat. 53°04', Long. 132°29'

Skeena Mining Division

REPORT ON DIAMOND DRILLING, GEOLOGY AND GEOCHEMISTRY

By

E. F. Pattison, F.G.A.C.

Dates of Work: April 1-3, April 25 - May 19,
May 22-28, May 31, 1981

Owners: G. G. Richards, Canadian Nickel Co. Ltd.

Operator: Canadian Nickel Co. Ltd.

September 21, 1981

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I. INTRODUCTION

1. Location and Access

The Bateaux claims are located on the west coast of Moresby Island, Queen Charlotte Islands: N.T.S. 103F1W, 53°04'N - 132°29'W.

The property is accessible by helicopter from Sandspit or by boat to Kitgoro Inlet.

2. Property

The property consists of 7 claims comprising 84 units in the Skeena Mining Division (Figures 1, 2):

Bateaux	687	12 units due Aug.	3, 1981
Bateaux 2	1855	20 units due Nov.	1, 1983
Bateaux 3	1856	15 units due Nov.	1, 1983
Aura	1291	4 units due April	17, 1984
Bateaux 4	2444	9 units due July	17, 1981
Bateaux 5	2856	16 units due Feb.	11, 1982
Bateaux 6	2857	8 units due Feb.	11, 1982

The Bateaux, Bateaux 2 and 3 and Aura claims are owned by G. G. Richards. Bateaux 4, 5 and 6 claims are owned by Canadian Nickel Company Limited.

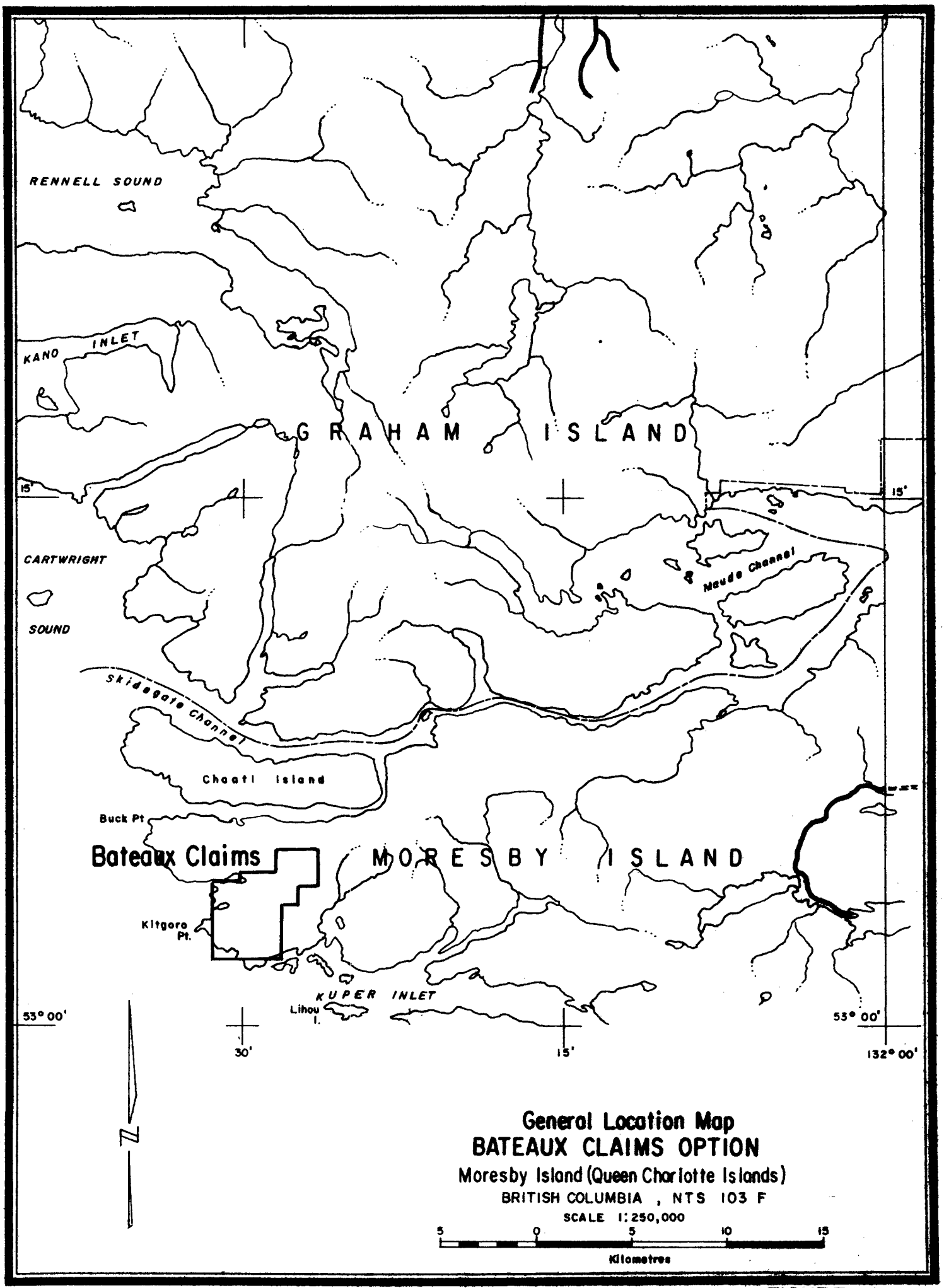
The operator for all the claims is Canadian Nickel Co. Ltd.

3. Previous Work

The Bateaux area was first examined by Gord Richards on March 20, 1979 after stream sediment anomalies had initiated the original staking of the Aura and Bateaux claims. Follow-up stream sediment sampling, rock chip sampling and reconnaissance geology led Mr. Richards to stake Bateaux 2 and 3. An agreement to option the ground from Mr. Richards was reached on December 14, 1979.

Preliminary examination of the claims was carried out by J. S. Vincent and G. R. Cooke. This work entailed reconnaissance and geochemical sampling in April and August of 1979. A value of 485 ppb gold was returned in April and the second, more detailed, survey in August yielded values ranging up to 4,850 ppb gold. It was on the basis of these anomalies that the claims were optioned.

During 1980 the claims were gridded and geologically mapped at a scale of 1:5000. A variety of rock chip, soil and stream sediment samples revealed discrete gold anomalies and scattered ore-grade samples ranging up to 0.137 oz/ton Au.



General Location Map
BATEAUX CLAIMS OPTION
Moresby Island (Queen Charlotte Islands)
BRITISH COLUMBIA , NTS 103 F
SCALE 1:250,000

5 0 5 10 15
Kilometres

FIGURE 1

The 9 unit Bateaux 4 claim was staked to cover a possible extension of one of the anomalous zones and more detailed geological mapping and geochemical sampling at a scale of 1:1000 was carried out.

4. 1981 Program Summary

The Bateaux 5 and 6 claims of 16 and 8 units respectively were staked February, 1981 to cover further possible extensions of favourable geology.

A total of 87 man days was spent on the Bateaux claims during April and May, 1981. Personnel were involved in diamond drill supervision and core logging, reconnaissance geological mapping, geochemical sampling and geophysical surveys as summarized below.

a) Diamond drilling: Four BQ diamond drill holes totalling 615.03 metres were drilled. Three holes were drilled on Bateaux 1 and one on Bateaux 2 claim.

b) Geology: Bateaux 5 and 6 claims were geologically mapped at a scale of 1:5000. The area of these claims is 465 hectares.

c) Geochemistry: A total of 75 geochemical samples was taken including 6 rock chip, 3 stream sediment and 66 soil humus samples.

d) Geophysics: 0.33 line kilometres of VLF electromagnetic survey were run on Bateaux 1 and 2 claims.

II. DIAMOND DRILLING

Four holes totalling 615.03 m were drilled to test various combinations of rock chip and soil geochemical anomalies. The table below summarizes these holes (see also Appendix A, Drill Logs and Assays; Figures 5, 5a, 5b, Drill Sections; Figure 2, Location Plan). All core was split, one half was submitted for assay, the remaining half is stored at the Lower Saddle drill campsite.

BH Number	Grid Location	Azimuth	Angle	Depth	Claim
38874	95N 92E	306°	-50°	151.73 m	Bateaux 2
38875	160N 10W	132°	-60°	155.45 m	Bateaux
38876	268N 175E	130°	-45°	155.45 m	Bateaux
38877	685N 615W	215°	-45°	152.40 m	Bateaux
				615.03 m	

The individual drill holes are described in detail in the attached logs. (Appendix A).

Boreholes 38874-38876, Figs. 5, 5a, were drilled to test a persistent, linear, rock chip and soil gold-arsenic anomaly that trends 030° parallel to an interpreted fault. These holes intersected an intercalated sequence of andesitic-basaltic volcanics and derived amphibolites, massive to laminated "felsites" and very fine grained chemical cherts or mudstones. All are intruded by dykes of m-c.g. granodiorite.

BH 38874 which was drilled in its entirety southeast of the subvertical fault zone, showed evidence of patchy silicification and associated py fracture fillings. Assay results for BH 38874 indicate a maximum grade of .006 oz/ton over .77 m, with almost all of the remaining assays .002 oz/ton or less.

The fault zone was intersected in BH 38875 but little or no silicification and/or sulfide mineralization was noted in core adjacent to the structure. Maximum Au assay is .013 oz/ton over .58 m in a coarse grained granodioritic intrusive with minor sulfides. A narrow carbonate filled shear zone ran .007 oz/ton; all remaining assays ran .005 oz/ton or less, and most were less than .002 oz/ton.

BH 38876 was drilled 200 m NE of the section drilled in BH's 38874-75. BH 38876 was drilled to undercut an outcrop which has yielded samples grading up to .043 oz/ton Au. Several prominent fine-grained silicified intervals were noted in the upper portion of this hole. One interval (14.6 - 35.66 m) may represent either silicified mudstones or chemical chert. A section of these rocks from 24.38 - 31.12 m assayed between .004 and .011 oz/ton, but most of the rest of the hole ran less than .002 oz/ton.

BH 38877, Fig. 5b, was drilled in the "Anomaly C" area. The hole was drilled at -45° through the sub-vertical contact between the Kunga (?) limestone and the underlying Karmutsen volcanics. Samples of silicified rock from this contact zone where it is exposed in a stream bed have assayed up to .132 oz/ton. The first 13.7 m of volcanics adjacent to the contact with the limestone are highly altered, variably bright emerald green to hematite red, and quite soft. There is some evidence of patchy silicification.

Two interesting assays were received from this hole: .055 oz/ton over 1.40 m and .19 over 1.51 m. Each is related to a silicified breccia/shear zone but appear to have been cut at such an angle to enhance their thickness. A sequence of altered intermediate - basic volcanics (51.11 - 59.34 m) adjacent to the lowermost shear zone (49.59 - 51.11 m) ran variably .003 - .011 oz/ton. A band of well laminated felsic volcanics some 4.60 m thick (124.94 - 129.54 m) assayed .011 oz/ton.

Several other scattered values from .003 to .013 oz/ton were also encountered.

Interpretation of Results

Two types of mineralization were recognized in this drill program. Type A consists of very low grade (.003 - .011) invisible gold hosted in cherty

sediments and volcanics. This could be termed proto-ore, and significant widths were noted in BH's 38876, 77. Type B mineralization consists of higher grade material (0.055; 0.19 oz/ton) found in narrow, 20 - 60 cm true thickness, shear/fracture zones. Two type B intersections were noted in BH 38877.

III. GEOLOGY

Reconnaissance geological mapping was carried out over portions of Bateaux 5 and 6 claims. Field observations are plotted on Fig. 3, Geological Compilation and Property Map. The area mapped is an extension of that described in the report by Lickley and Vincent (1980) covering geological mapping on Bateaux 1 and 2 claims. Similar rock units were encountered and are described briefly below. 1980 and 1981 mapping are compiled on Fig. 3.

Basic-Intermediate Volcanics (Unit 1)

Basaltic to andesitic volcanics, largely metamorphosed to amphibolitic equivalents form one of the major units of Bateaux 5 and 6 claims. These rocks are correlated with the Karmutson Formation (Sutherland - Brown, 1968). They appear to be interbedded with a suite of felsic volcanics (Unit 2). Minor quantities of gabbroic rocks may represent thick flows or sub-volcanic intrusions.

Felsite (Unit 2)

A suite of fine grained, massive to highly laminated, felsic rocks was described as intrusive felsites in the 1980 report. It now appears more likely that they represent a sequence of volcanic flows and ash tuffs, but the felsite terminology has been retained for consistency with previous work.

The various varieties of felsite are intimately intercalated with more basic volcanics typical of the Karmutson Formation. This suggests that a previously unrecognized trend towards more felsic volcanism may be present near the top of the Karmutsen.

Limestone (Unit 3)

Outcrops of massive, thickly bedded, grey to black limestone are restricted to the valley of Kitgoro Creek, and adjacent to the slope on the south side of the valley east of Ortles Lake. This unit conforms to Sutherland - Browns description of Kunga Formation. Present mapping and structural relationships suggest that it is an intercalation within the Karmutsen but it is also possible that it occupies its present position as a result of faulting.

Granitoid Intrusives (Unit 4)

One outcrop of a m.g. granitoid intrusive was found on the ridge crest in the northwest corner of Bateaux 5 claim. Its relationships to other units are not exposed here but it is probable that it is correlative with the granitoid pluton that intrudes Karmutsen volcanics on Bateaux 1 and 2 claims.

Structure

Attitudes of field observations of lamination and foliation are plotted on Fig. 3. These attitudes are diverse and suggest that considerable folding has taken place, possibly accompanying the intrusion of small plutons of unit 4. Nevertheless a general east-west trend with steep northerly dips is evident.

Mineralization

Apart from scattered occurrences of minor disseminated pyrite in volcanics (Units 1 and 2) no mineralization of economic significance was noted.

IV. GEOCHEMISTRY

1. Humus Sampling

Sixty-six samples of partially decomposed near surface organic material (A_o horizon or humus) were collected along two traverse lines coincident with the drill sections along BH's 38874-38775 and BH 38876. The location of these sections is shown on Fig. 3 while the details of the sampling, numerical values and profile plots of the results are shown on Fig. 5, BH 38874 and BH 38875 Drill Section and Soil Geochem Profile; and Fig. 5a, BH 38876 Drill Section and Soil Geochem Profile.

The samples were analysed by X-Ray Assay Laboratories, Toronto, Ontario, in as received condition, by neutron activation analysis for gold only.

The highest value was 11 ppb. This is not considered to be an anomalous value. The results of this survey thus confirm the very low tenor of gold values encountered in the diamond drill core in this vicinity.

Sample numbers and values are listed in Appendix B, Geochemical Results.

2. Other Geochemical Work

A small number of rock chip (6) and stream geochemical (3) samples were collected during the course of the geological survey. The locations and results for these samples are shown on Fig. 3. These samples were analysed by Bondar-Clegg and Co. Ltd., Vancouver, B.C. for gold and arsenic. Gold analysis was by combined fire assay - AA method and arsenic by AA. The -80 mesh fraction was used for analysis of the stream sediment samples.

The highest arsenic value was 10 ppm, gold was not detected. These are not considered to be anomalous values and no follow-up is warranted or contemplated.

Sample numbers and values are listed in Appendix B.

V. GEOPHYSICS

A VLF-EM survey of 0.33 line km was carried out over the section containing boreholes 38874 and 38875. The instrument was a Crone Radem VLF Receiver; Seattle, Washington @ 18.6 khz was the transmitting station. The results for dip angle and percent out of phase are plotted on Fig. 4, VLF EM Traverse, in profile form.

The survey was performed to ascertain if a postulated fault zone could be detected and traced by VLF-EM methods. No valid, bedrock related, conductors were found and no further geophysical surveying is contemplated.

VI. ITEMIZED COST STATEMENTS

BATEAUX, BATEAUX 2, 3, AURA 1 CLAIMS
COST STATEMENT 1981

Labour:					
J. S. Vincent	April 1-2	2 days @ 239		$ 478	
E. J. Debicki	April 1-2	2 days @ 207		414	
E. Pattison	May 4-10	7 days @ 216		1,512	
T. A. Jones	April 1-2, April 25-May 19	27 days @ 145		3,915	
S. Simigian	May 22-27	6 days @ 90		540	
C. Dionne	May 22-27	6 days @ 71		426	
D. Magnuson	April 27-May 19, May 22-27	29 days @ 60		1,740	$ 9,025.00
Personnel Expenses (Town Only)					
Food		12 man days @ 20		240	
Accommodation		12 man days @ 40		480	720.00
Transportation					
Helicopter Bell 206		3 hrs. @ 415		1,245	
Airfares 3 return Vancouver-Sanspit @ 216				648	1,893.00
Drilling (Contractor - Drilcor Industries)					
Drilling - Core 1979.5 @ 25			$49,487.00		
- Casing 28.0' @ 30			840.00		
Supplies (Drilling supplies, lumber)			1,957.82		
Labour/Drill standby charges			9,014.00		
Mob/demob. (Richmond - Kitgoro Inlet)			7,396.74		
Misc. (Expediting, insurance)			1,175.00		
Room/Board - Inco employees			2,230.00		
Sub-Total (Invoiced)				72,101.06	
Drill-Related helicopter charges:					
Bell 206 7 hrs. @ 415			3,112.50		
Hughes 500 33.5 hrs. @ 463			15,510.50	18,623.00	90,724.06
Analytical Costs					
Core Assay (Au) 396 @ 8					3,168.00
Humus (Au) 66 @ 6.50					429.00
Freight					
Miscellaneous (Vancouver - Sandspit, return)					512.72
Orthophoto Preparation					
82.5% of 3475					2,866.88
Report:					
Report Writing E. F. Pattison		5 days @ 216		1,080.00	
Draftsman		6 days @ 170		1,020.00	2,100.00
		TOTAL:			$111,438.66
		DRILLING COST ONLY:			$ 90,724.06
		TOTAL LESS DRILLING COST:			$ 20,714.60

BATEAUX 4, 5 and 6 CLAIMS

COST STATEMENT 1981

Labour				
J. S. Vincent	April 3	1 day @ 239	$ 239.00	
E. J. Debicki	April 3	1 day @ 207	207.00	
T. A. Jones	April 3	1 day @ 145	145.00	
S. Simigian	May 28, 31	2 days @ 90	180.00	
C. Dionne	May 28	1 day @ 71	71.00	
D. Magnuson	May 28, 31	2 days @ 60	120.00	$ 962.00
Personnel Expenses (Town Only)				
Food		8 man days @ 20	160.00	
Accommodation		8 man days @ 40	320.00	480.00
Transportation				
Helicopter	Bell 206	4 hrs. @ 415	1,660.00	
	Hughes 500	3.3 hrs. @ 463	1,527.90	
Airfares	6 return Vancouver - Sandspit @ 216		1,296.00	4,483.90
Analytical Costs				
Geochemical (Au, As) 9 @ 8				72.00
Orthophoto Preparation				
17.5% of 3475				608.12
Report				
Report writing	E. F. Pattison	2 days @ 216	432.00	
Draftsman		1 day @ 170	170.00	602.00
		TOTAL:		$7,208.02

CERTIFICATE

I, Edward F. Pattison, of Naughton, Ontario, to hereby certify that:

1. I am a Fellow of the Geological Association of Canada and a Member of the Mineralogical Association of Canada.

2. I am a graduate of McGill University, Montreal, P.Q. B.Sc. 1963, M.Sc. 1965 (Geological Sciences).

3. I have practiced my profession as an exploration geologist since 1968.

4. This report is based on my personal knowledge of the district, and my direct supervision of the work described in this report.

Edward F. Pattison
September 21, 1981

REFERENCES

Vincent, J. S., and Lickley, P. 1980:
Bateaux Group, Report on Geology and Geochemistry.

Sutherland-Brown, A., 1968:
Geology of the Queen Charlotte Islands, British Columbia.
B.C. Department of Mines and Petroleum Resources, Bulletin 54.

APPENDIX 'A'

BOREHOLE RECORD
****

DATE PROCESSED AUG 08,1981

GRID CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	BEARING	DIP	ELEVATION	LATITUDE	DEPARTURE
38877-0	BATEAUX	103 F 1W			01524	215 00	215 00	-45 00	0140	N000685	W000615

DATE.....

LOGGED BY....T.A.JONES STARTED....MAY 10,1981 COMPLETED....MAY 13,1981 ASSAY FOR....AU

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP
1524		-45 24									

COMMENTS

ALL DEPTHS IN DECIMETRES(.1 METRE). DRILLED BQ BY DRILCOR HYDRA WINK ON BATEAUX CLAIM. CASING PULLED. AU ASSAYS BY BONDAR,CLEGG (VANCOUVER). CORE STORED ON SITE. ELEVATION BY ALTIMETER ONLY. ELEVATION IN METRES ASL. AU ASSAYED IN OZ PER TON. DRILLED TO UNDERCUT MINERALIZED OUTCROP.

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG	AU
0000.0	0.0		MVVM		COLLAR		
0029.3	29.3		MVVM	OB	OVERBURDEN. 11 FEET SW CASING.		
0061.0	31.7	FX080134	MVVM	LS	LT-DK GY LIMESTONE. INTERVAL 25-35% WHT CALCITE VNNG. NO PREFERRED ORIENTATION. IRREGULAR CARBONACEOUS PARTINGS PROB REPRESENT SURFACES AT WHICH SOLUTION HAS TAKEN PLACE. SHORT SECTIONS CORE MISSING = SOLUTION CAVITIES. LS IS FG.		0.000
0091.4	30.4	FX080135	MVVM	LS	AS PREV ENTRY		0.000
0110.6	19.2	FX080136	MVVM	LS	AS ENTRY 61.0		0.000
0114.3	3.7			LC	MISSING CORE, SOLUTION CAVITY		
0138.4	24.1	FX080137	MVVM	LS	AS ENTRY 61.0, POSS INDICATION BEDDING @ 35 DEG TCA. CONSISTS CHANGE IN LS LITHOLOGY & DEGREE OF VNNG.		0.000
0143.3	4.9			LC	MISSING CORE, SOLUTION CAVITY		
0182.0	38.7	FX080138	MVVM	LS	AS ENTRY 61.0		0.000
0213.4	31.4	FX080139	MVVM	LS	AS ENTRY 61.0		0.000
0233.5	20.1	FX080140	MVVM	LS	AS ENTRY 61.0		0.000
0242.6	9.1			LC	MISSING CORE - MISLATCH(Q)		
0254.8	12.2	FX080141	MVVM	CLAY	BROWN CLAY SEAM		0.000
0272.2	17.4	FX080142	MVVM	LS	AS ENTRY 61.0		0.000
0274.9	2.7	FX080143	MVVM	VOLC	F-MG SHEARED ALTERED VOLC. VERY SOFT. DISTINCTIVE ALTERNATING HEMATITE RED AND PALE GN ALTERATION. (SIMILAR TO SUB-ATHABASKA SS REGOLITH, N.SASK - TJJ NO VIS SULF. CARB ALTERATION PRODUCTS COMMON. SHEARING & CALCITE VNNG @ 20-35 DEG TCA. UPPER 30 CM = BROKEN FRAGS (INCL SOME LS= GROUND CORE(Q) & CLAY.		0.000
0280.4	5.5	FX080144	MVVM	VOLC	AS PREV ENTRY.		0.000
0283.5	3.1	FX080145	MVVM	CLAY	CLAY GOUGE		0.000
0289.6	6.1	FX080146	MVVM	VOLC	AS ENTRY 274.9		0.000

DEPTH	LENGTH	SAMPLE#	MAIN ROCK		DESCRIPTION	ANG	AU
0298.7	9.1	FX080147	MVVW	AMPH	MG EG HIGHLY ALTERED IGN. TEXTURE INDICATES HIGHLY META AMPHIBOLITE. ALTERATION IS CARBONATE, CHLORITE. SPECIFIC SECTIONS DOMINANTLY GREEN OR HEMATITE RED. V SOFT.		0.000
0300.2	1.5	FX080148	MVVW	FLT	FAULT GOUGE		0.000
0301.4	1.2	FX080149	MVVW	AMPH	AS ENTRY 298.7		0.000
0306.3	4.9	FX080150	MVVW	AMPH	AS ENTRY 298.7, REDDISH ALT PREDOMINATES, SEVERAL FAULT OR SHEAR SURFACES @ 20 DEG TCA, WITH CALCITE.		0.002
0335.3	29.0	FX080151	MVVW	AMPH	AS ENTRY 298.7		0.000
0348.4	13.1	FX080152	MVVW	AMPH	AS ENTRY 298.7		0.000
0363.3	14.9	FX080153	MVVW	VOLC	LT GN FG BLOCKY INTERMED-BASIC VOLC. SOME CALCITE FILLED SHEARING @ 15-20 DEG TCA. SOME GOUGE AND LS CAVE. SOMEWHAT ALTERED.		0.000
0377.3	14.0	FX080154	MVVW	BX	LT GN SILICIFIED-CALCIFIED BXXIA ZONE. MINOR SULF TO 2-3% POSS V MINOR ARSENOPY. PERVASIVE SHEARING @ 30 DEG TCA. UPPER 30 CM FE STAINED. INTERVAL MAY CORRELATE WITH SILICIFIED OC'S AT SURFACE WHICH ARE ANOMALOUS FOR AU. SOME GOUGE-MUD LOWER 10 CM.		0.055
0407.2	29.9	FX080155	MVVW	VOLC	APHANITIC TO FINELY PORPHYRITIC ALTERED INTERMED-BASIC VOLC. VARIABLY EMERALD GN TO HEM RED. SOFT. SOME CALCITE VNNG. CARB ALTERATION COMMON. 1-2% FINELY DISSEM SULF. PERHAPS WEATHERS TO FG FELSITE AT SURFACE (Q)(Q)		0.000
0409.3	2.1	FX080156	MVVW	SHR	SHEAR ZONE WITH UNKNOWN BRIGHT ORANGE CARBONATE.		0.000
0412.7	3.4	FX080157	MVVW	VOLC	AS ENTRY 407.2		0.000
0442.0	29.3	FX080158	MVW	VOLC	GN-OK GN TO GY APHAN TO FINELY PORPHYR META VOLC. APPARENT PRIMARY TEXTURES SOME PORTIONS (GRADED BEDDING, ETC), OTHER PORTIONS MASSIVE, FEATURELESS. BLEBB PY 1-2%. LT GN RETROGRADED PHENOCRYSTS - LEUCOX(Q) INTERVAL = METABASALT(Q)UPPER 30 CM EXHIBITS SOME BXXIATION, HEALED WITH QTZ.		0.000
0472.4	30.4	FX080159	MVW	VOLC	AS PREV ENTRY		0.000
0495.9	23.5	FX080160	MVW	VOLC	AS PORPHYRITIC FACIES ENTRY 442.0, BUT SHEARED, MINOR BXXIATION. SHEARING 0-30 DEG TCA. CARB, CHLOR ALTERATION NR SHEARED SECTIONS. 1-2% SULF ONLY. LOWER 1 M QUITE BLOCKY.		0.010
0511.1	15.2	FX080161	MVW	BX	SILICIFIED BXXIA ZONE - FAULT(Q) TWO TYPES TEXTURE = (1) ANGULAR CHLORITIZED VOLC FRAGS & CHERTY FRAGS IN A GY CHLORITIC MATRIX (2) GY FINELY LAMINATED ANGULAR FRAGS IN A CG QTZ MATRIX. FRAGS ALIGNED PARALLE TCA.		0.190

DEPTH	LENGTH	SAMPLE#	MAIN ROCK		DESCRIPTION	ANG	AU
					ALMOST IN SITU. QTZ XTALS UP TO 1 CM LONG HAVE NUCLEATE ON LAMINATED		
					FRAGS. VISUAL IMPRESSION ENTIRE BXXIA ZONE ONLY 10-30 CM THICK, ALIGNED (SAY) 15 DEG TCA. SULFIDES		
					5-6% IN FRAGS. MAY BE MUCH HIGHER. CORRESPONDS TO FLOAT FOUND AT SURFACE NR LS-VOLC CONTACT - ANOMALOUS		
					AU SAMPLES FOUND NEARBY.		
0543.2	32.1	FX080162	MVW	VOLC	FINELY PORPHYRITIC META BASIC VOLC. LEUCOXENE(Q) W MINOR BLEBBY SULF.	0.011	
					CALCITE VEINS.		
0565.4	22.2	FX080163	MVW	VOLC	LT GN SILICEOUS META VOLC. EITHER ACID VOLC OR SILICIFIED INTERMED	0.003	
					VOLC. LOWER 30 CM MAY BE SILICIFIED LITHIC TUFF. PY 2-3% AS DISSEM BLEBS - SOME QTZ AS SMALL XTALS (LT 5 MM)		
					ON WALLS OF FRACS.		
0593.4	28.0	FX080164	MVW	VOLC	VARIOUS META INTERMED VOLCS. MUCH CHLORITE, ROCK QUITE SOFT. F-MG. UPPER 2 M FOLIATED(SHRD) @ 40-45 DEG TCA. SOME PORTIONS HAVE BEEN SILICIFIED. 2-3% PY.	0.015	
0608.1	14.7	FX080165	MVW	VOLC	AS PREV ENTRY	0.000	
0611.1	3.0	FX080166	MVW	VOLC	AS ENTRY 593.4	0.000	
0623.0	11.9	FX080167	MVW	VOLC	AS ENTRY 593.4	0.006	
0655.3	32.3	FX080168	MVW	VOLC	LT GY TO LT GN SILICEOUS VOLC - EITHER SILICIFIED INTERMED VOLC OR (MORE LIKELY) FELSIC OR ACIDIC VOLC.	0.013	
					NOT MUCH BXXIATION, VNNG. 3-6% DISSEM SULF. (PROTO-ORE(Q)). SOM INDICATION OF A POORLY DEVELOPED FOL'N @ 45 +- 10 DEG TCA.		
0678.2	22.9	FX080169	MVW	VOLC	AS PREV ENTRY	0.000	
0684.6	6.4	FX080170	MVW	DK	MG EG BASIC IGNEOUS - DIKE(Q),CENTER OF FLOW(Q) SULF TO 5-6%. CHLORITIC ALTERATION.	0.000	
0692.8	8.2	FX080171	MVW	VOLC	META INTERMED-BASIC VOLC FLOWS & PILLOWS (INDICATED BY QUENCH TEXTURES). FINELY CONTORTED LAMINATIONS IN SOME MAFIC PORTIONS - FLOW BANDING(Q)A BT GN MINERAL COMMON, ESP AT OR NEAR QUENCH MARGINS. DISSEM BLEBBY PY THROUGHOUT, SAY 2%. LOCALLY TO 3-4% OR MORE. MOST LAMS @ 65-80 DEG TCA	0.006	
0697.1	4.3	FX080172	MVW	VOLC	AS PREV ENTRY, BT GN MINERAL PROMINENT	0.002	
0700.4	3.3	FX080173	MVW	VOLC	AS ENTRY 692.8, SILICIFIED INTERVAL, LAMS @ 50 DEG TCA, PY 6-8% ALONG FOL'N.	0.002	
0703.5	3.1	FX080174	MVW	VOLC	AS ENTRY 692.8, FINELY LAM SILICEOUS INTERVAL W BRIGHT GN MINERAL. PY VP TO 10% AS MASS FRAC FILLINGS.	0.000	
0711.1	7.6	FX080175	MW	VOLC	AS ENTRY 692.8, QUENCH TEXTURE, 10-	0.000	

DEPTH	LENGTH	SAMPLE#	MAIN	ROCK	DESCRIPTION	ANG	AU
					12% PY AS MASS FRAC FILLINGS. BLEACHED APPEARANCE.		
0715.1	4.0	FX080176	MVW	VOLC	AS ENTRY 692.8, FINELY LAMINATED SILICEOUS, 3-4% ALONG LAMINATIONS.		0.000
0743.4	28.3	FX080177	MVW	VOLC	AS ENTRY 692.8		0.000
0777.2	33.8	FX080178	MVW	VOLC	AS ENTRY 692.8		0.003
0807.7	30.5	FX080179	MVW	VOLC	AS ENTRY 692.8		0.000
0832.1	24.4	FX080180	MVW	VOLC	AS ENTRY 692.8		0.000
0851.6	19.5	FX080181	MVW	VOLC	AS ENTRY 692.8		0.000
0877.2	25.6	FX080182	MVW	SLCS	V SILICEOUS INTERVAL. LT GY TO LT GN . LOOKS MASS, BUT WOULD PROB SHOW LAMS ON WEATHERED SURFACE. ACIDIC VOLC INTERLAYER OR CHEM CHERT. GHOST LAMS @ 45 DEG TCA. DISSEM PY TO 3-4%		0.000
0888.5	11.3	FX080183	MVW	SLCS	AS PREV ENTRY		0.000
0920.5	32.0	FX080184	MVW	VOLC	VARIOUS FELSIC-INTERMED META VOLCS. ALL V HARD, LT GY, VARIABLY FINELY LAMINATED TO FINELY PORPHYRITIC. 2-3% PY OVERALL, LOCALLY TO 4-5%. DISSEM. LAMS @ 30-65 DEG TCA, 55-65 DEG MOST COMMON.		0.002
0951.9	31.4	FX080185	MVW	VOLC	AS PREV ENTRY		0.000
0981.5	29.6	FX080186	MVW	VOLC	AS ENTRY 920.5		0.000
1012.5	31.0	FX080187	MVW	VOLC	AS ENTRY 920.5		0.003
1015.6	3.1	FX080188	MVW	VOLC	AS ENTRY 920.5, BUT V SILICEOUS. CLOUDY QTZ HAS INVADED ROCK(Q)		0.000
1048.5	32.9	FX080189	MVW	VOLC	AS ENTRY 920.5		0.002
1083.6	35.1	FX080190	MVW	VOLC	AS ENTRY 920.5		0.000
1109.8	26.2	FX080191	MVVW	VOLC	V SILICEOUS INTERVAL, GY FG ACID VOLCS OR CHEMICAL CHERT. LOW IN SULF . 30-75 CM AUTO-BXXIATION IN CENTRAL PORTION, RE-CEMENTED W SILICA.		0.000
1143.0	33.2	FX080192	MVW	VOLC	NONDESCRIPT LT GY FG INTERMED VOLC, NOT SILICEOUS.		0.000
1173.5	30.5	FX080193	MVVW	VOLC	AS PREV ENTRY		0.004
1186.3	12.8	FX080194	MVVW	VOLC	AS ENTRY 1143.0		0.000
1215.5	29.2	FX080195	MVVW	VOLC	AS ENTRY 1143.0		0.002
1219.2	3.7	FX080195	MVW	VOLC	V SILICEOUS GY FG ACID VOLCS OR CHEM CHERT. WELL DEVELOPED LAMS, @ 40 DEG TCA ONE LOCATION. SULF TO 3-4%, LOCAL CONC TO 5-6% ALONG FRACS IN OTHERWISE MASSIVE SECTIONS		0.002
1249.4	30.2	FX080196	MVW	VOLC	AS PREV ENTRY		0.003
1274.1	24.7	FX080197	MVW	VOLC	WELL LAMINATED FELSIC-INTERMED VOLCS , SOME EVIDENCE OF FRACTURING. PY LT 1%. LAMS COMMONLY @ 30-40 DEG TCA.		0.011
1295.4	21.3	FX080198	MVW	VOLC	AS PREV ENTRY		0.011
1325.9	30.5	FX080199	MVW	VOLC	SILICIFIED LT GY VOLC. AUTO-BXXIATED TEXT (Q)-RE-CEMENTED W SILICA. SULF LT 1%. INTERVAL COULD REPRESENT MORE COMPETENT FLOW OR BED WHICH HAS BEEN FRACTURE BY INTRUSION OF NEAR-BY QTZDIOR-GDIOR MASS. SOME FAULTING OR JOINTING UPPER 2 M, SOME MUDDY GOUGE(Q).		0.002

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG	AU
1352.1	26.2	FX080200	MVW	VOLC	AS PREV ENTRY		0.000
1383.8	31.7	FX080401	MVW	AMPH	MG EG AMPHIBOLITE, PROB CONTACT META BASIC VOLC, W SOME MORE SILICEOUS INTERBEDS. VARIABLY BK&WHT TO GN&WHT SALT & PEPPER TEXT. QTZ VEINS, SOME WITH UNKNWN REDDISH MINERAL . RED MIN'L AMORPH TO CRYPTOXTALLINE. TEXTURE AND GRAIN SIZE THIS INTERVAL PROB REFLECTS PROXIMITY TO GDIOR INTRUSIVE. PY 1-2% OVERALL, LOCALLY TO 5-6%		0.000
1414.1	30.3	FX080402	MVW	AMPH	AS PREV ENTRY		0.000
1422.5	8.4	FX080403	MVW	AMPH	SIMILAR TO ENTRY 1383.8, BUT MUCH BT GN ALTERATION. MORE QTZ VEINING. PY TO 6-8%. REDDISH MIN IN QTZ VEINS MAY BE OXIDIZED PY.		0.000
1453.9	31.4	FX080404	MVVW	VOLC	FG DK GN TO BK VOLC, PROB REPRESENTS LESS META EQUIV INTERVAL 1383.8. MINOR PY ONLY, MINOR QTZ VEINING.		0.000
1484.4	30.5	FX080405	MVVW	VOLC	AS PREV ENTRY		0.000
1508.8	24.4	FX080406	MVVW	VOLC	AS ENTRY 1453.9		0.000
1524.0	15.2	FX080407	MVVW	VOLC	AS ENTRY 1453.9		0.000
					FOOT OF HOLE*		

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..AU

BOREHOLE SUMMARY
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FOOTAGE	MNZN	ROCK
0000.0	MVVW	
0029.3	MVVW	OB
0110.6	MVVW	LS
0114.3		LC
0138.4	MVVW	LS
0143.3		LC
0233.5	MVVW	LS
0242.6		LC
0254.8	MVVW	CLAY
0272.2	MVVW	LS
0280.4	MVVW	VOLC
0283.5	MVVW	CLAY
0289.6	MVVW	VOLC
0298.7	MVVW	AMPH
0300.2	MVVW	FLT
0348.4	MVVW	AMPH
0363.3	MVVW	VOLC
0377.3	MVVW	BX
0407.2	MVVW	VOLC
0409.3	MVVW	SHR
0412.7	MVVW	VOLC

0495.9	MVW	VOLC
0511.1	MVW	BX
0678.2	MVW	VOLC
0684.6	MVW	DK
0703.5	MVW	VOLC
0711.1	MW	VOLC
0851.6	MVW	VOLC
0888.5	MVW	SLCS
1083.6	MVW	VOLC
1215.5	MVVW	VOLC
1352.1	MVW	VOLC
1422.5	MVW	AMPH
1524.0	MVVW	VOLC

BOREHOLE RECORD

DATE PROCESSED AUG 08,1981

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	GRID DEPTH	AZIMUTH BEARING	DIP	ELEVATION	LATITUDE DEPARTURE	DATE
38874-0	BATEAUX	103 F 1W			01518	306 00	306 00 -50 00		N000095 E000092	

LOGGED BY....T.A.JONES STARTED....APR 29,1981 COMPLETED....MAY 01,1981 ASSAY FOR....AU

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP
1517		-45 48									

COMMENTS

ALL DEPTHS IN DECIMETRES(.1 METRE). DRILLED BQ BY DRILCOR HYDRA WINK ON CLAIM BATEAUX (1.24Q)) CASING PULLED. AU ASSAYS BY BONDAR,CLEGG(VANCOUVER). CORE STORED ON SITE. ELEVATION BY ALTIMETER ONLY. ELEVATION IN METRES ASL. AU ASSAYED IN OZ PER TON. DRILLED TO INTERSECT FAULT STRUCTURE AT DEPTH.

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG	AU
0000.0	0.0		MVVM		COLLAR		
0009.1	9.1		MVVM	OB	OB. 4 FEET BY CASING		
0024.4	15.3	FX080001	MVM	INTR	MED-CG GY-GN IGNEOUS. V HARD. APPARENTLY SILICIFIED. MANY SMALL VNLS CRYPTOXTALLINE QTZ. GENERALLY MINOR PY ONLY. LOCALLY TO 10% AS LARGE BLBS. SOME VNLS OF WHT QTZ. OTHER VNLS CREAMY CRYPTOXTALLINE(Q) BULK COMP. APPROX. QTZ DIORITE. CORE = PRIMARILY PLAG FSPAR (ALBITE(Q)), FG CHLORITE, QTZ. NO VIS KSPAR. CLEAR-CUT FOL'N NOT PRESENT. V MINOR CALC AS ALTERATION PRODUCT & VEIN MATERIAL. MANY MINOR STRUCTURES. UNIT INTERPRETED AS TONGUE OF INTRUSIVE MATERIAL, MUCH FRACTURED BY LATER EMPLACEMENT OF MAJOR INTRUSIVE BODY NEARBY, UNIT POSSIBLY CONTAINS ENTAINED PIECES COUNTRY ROCK	0.000	
0036.6	12.2	FX080002	MVM	INTR	AS PREV INTERVAL		0.003
0045.2	8.6	FX080003	MVM	INTR	AS INTERVAL 24.4		0.000
0050.0	4.8	FX080004	MVM	INTR	LITHOLOGY AS INTERVAL 24.4, WITH SLICKENSIDES ABUNDANT PY, FRACTURES @ 20-30 DEG TCA		0.002
0064.9	14.9	FX080005	MVM	INTR	AS INTERVAL 24.4		0.000
0077.1	12.2	FX080006	MVM	INTR	AS INTERVAL 24.4		0.000
0092.3	15.2	FX080007	MVM	INTR	AS INTERVAL 24.4		0.000
0108.2	15.9	FX080008	MVM	INTR	AS INTERVAL 24.4		0.000
0115.2	7.0	FX080009	MVM	INTR	AS INTERVAL 24.4		0.000
0118.8	3.6	FX080010	MVM	INTR	LITHOLOGY AS INTERVAL 24.4, ZONE OF FRACTURING, MUCH FG SILICA, SOME PY SEVERAL FRACTS @ 30-35 DEG TCA.		0.000
0134.1	15.3	FX080011	MVM	INTR	AS INTERVAL 24.4		0.000
0142.0	7.9	FX080012	MVM	INTR	AS INTERVAL 24.4		0.000
0149.3	7.3	FX080012	MVVM	INTR	SIMILAR TO INTERCAL 24.4, SOMEWHAT		0.000

DEPTH	LENGTH	SAMPLE#	MAIN ROCK		DESCRIPTION	ANG	AU
					BLEACHED APPEARANCE, MORE VEINING. YELLOWISH CRYPTOXTALLINE QTZ BANDED WITH WHT CLEAR QTZ IB VEINLETS. SOME LIMONITE STAINING ON JOINT SURFACES. EARLY CREAM QTZ VNS AT 15-30 DEG TCA COMMONLY OFFSET BY LATER WHT QTZ VNLS @ 75-85 DEG TCA.		
0159.4	10.1	FX080013	MVVW	INTR	AS INTERVAL 149.3		0.000
0165.2	5.8	FX080014	MVVW	INTR	LITHOLOGY AS INTERVAL 149.3, MUCH BLEACHING, YLLW QTZ.		0.000
0174.3	9.1	FX080015	MVVW	INTR	AS INTERVAL 149.3		0.000
0181.3	7.0	FX080016	MVVW	INTR	AS INTERVAL 165.2		0.002
0196.0	14.7	FX080017	MVVW	INTR	AS INTERVAL 149.3		0.000
0199.6	3.6	FX080018	MVVW	INTR	AS INTERVAL 149.3		0.000
0208.8	9.2	FX080018	MVVW	INTR	RELATIVELY CG IGNEOUS, CY-GN WITH ABUNDANT YLLW-GN ALT.MATERIAL ALONG FOL'N SURFACES. ALTERED QTZ DIORITE. MINOR PY ONLY.		0.000
0210.0	1.2	FX080019	MVVW	INTR	AS INTERVAL 208.8,SHR ZONE @ 40 DEG		0.000
0211.8	1.8	FX080020	MVVW	INTR	AS INTERVAL 208.8		0.000
0213.7	1.9	FX080021	MVW	INTR	AS INTERVAL 20..8, 1-10% PY AS BLEBS		0.000
0228.9	15.2	FX080022	MVVW	INTR	AS INTERVAL 208.,		0.003
0234.6	5.7	FX080023	MVW	INTR	AS INTERVAL 208.8, BUT CUT BY NUMEROUS YLLW QTZ FRACT FILLINGS. 2-3% PY AS BLEBS AT INTERSECTIONS FRACTURES, PARALLEL FRACTS, ALSO MINOR DISSEM. PY. FRACTS SOMETIMES RANDOM, OFTEN 30-40 DEG TCA.		0.000
0242.3	7.7	FX080024	MVVW	INTR	AS INTERVAL 208.8		0.006
0244.1	1.8	FX080025	MVVW	BX	MINOR SILICIFIES BXXIA ZONE. ANGULAR FRAGS TO 1 CM FLAOTING IN A DK GN CHLORITIC MATRIX. ZONE @ 25-30 DEG TCA, TRUE THICKNESS 5-10 CM . DILAT. ED TWICE		0.000
0260.0	15.9	FX080026	MVVW	INTR	AS INTERVAL 208.8		0.000
0275.5	15.5	FX080027	MVVW	INTR	AS INTERVAL 208.8		0.000
0291.7	16.2	FX080028	MVVW	INTR	AS INTERVAL 208.8		0.000
0309.7	18.0	FX080029	MVVW	INTR	AS INTERVAL 208.8		0.000
0323.1	13.4	FX080030	MVVW	VOLC	GY-GN META-VOLC, PORPHYRITIC, POSSIBLE XTAL TUFF. FOL'N RELATIVELY WELL DEVELOPED AS LT GN SLIP PLANES. ONE LOC'N FOL'N @ 25 DEG TCA, ELSEWHERE CRENULATED, MORE LIKE 35-40 DEG TCA. INTERMEDIATE (Q)		0.000
0338.3	15.2	FX080031	MVVW	VOLC	AS INTERVAL 323.1		0.000
0351.7	13.4	FX080032	MVVW	VOLC	AS INTERVAL 323.1		0.000
0365.7	14.0	FX080033	MVVW	VOLC	AS INTERVAL 323.1		0.000
0381.0	15.3	FX080034	MVVW	VOLC	AS INTERVAL 323.1		0.000
0396.2	15.2	FX080035	MVVW	VOLC	AS INTERVAL 323.1		0.002
0410.3	14.1	FX080036	MVVW	VOLC	AS INTERVAL 323.1		0.000
0423.7	13.4	FX080037	MVVW	VOLC	AS INTERVAL 323.1		0.000
0438.9	15.2	FX080038	MVVW	VOLC	AS INTERVAL 323.1		0.000
0443.8	4.9	FX080039	MVVW	VOLC	AS INTERVAL 323.1		0.000
0466.3	22.5	FX080040	MVVW	VOLC	LT GY-GN INTERVAL, MUCH CHLORITE ALTERATION. META-VOLC.DISTINGUISHED		0.000

DEPTH	LENGTH	SAMPLE#	M...N	ROCK	DESCRIPTION	ANG	AU
					BY BLOCKY FRACTURING, ABUNDANT SHEARING. QTZ TO 30-40%, CLACITE VEINLETS. PY IN FRACS IN QTZ. INTERMEDIATE COMP.		
0474.6	8.3	FX080041	MVVW	VOLC	AS PREV INTERVAL		0.000
0484.6	10.0	FX080042	MVVW	VOLC	GY TO GY-GN TO BK APHANITIC TO FINELY PORPHYRITIC ALTERED INTERMEDIATE-BASIC VOLC. DISTINCTIVE BANDS UP TO 15-20 CM THICK, COMPRISED OF MASS QTZ. BOUNDARIES WITH PRIMARY LITHOLOGY SOMETIMES ABRUPT, SOMETIMES HAZY. MAY BE REPLACEMENT (Q) CONTROLLED BY FRACTURES. OCCURS ON ALL SCALES DOWN TO PATCHY DISSEM. UPPER AND LOWER CONTACTS OF QTZOSE ZONES (WHERE WELL DEFINED) ARE NOT ALWAYS PARALLEL, SO NOT INTERBEDS		0.002
0495.0	10.4	FX080043	MVW	SLCS	QTZOSE INTERVAL AS PREV ENTRY, PY IN FRACTURES TO 3-5%		0.000
0498.0	3.0	FX080044	MVVW	VOLC	AS INTERVAL 484.6		0.000
0499.0	1.0	FX080045	MVW	SLCS	QTZOSE INTERVAL AS ENTRY 484.6, PY IN FRACTS TO 5%		0.000
0510.2	11.2	FX080046	MVVW	VOLC	AS INTERVAL 484.6		0.000
0515.1	4.9	FX080047	MVW	SLCS	QTZOSE INTERVAL AS ENTRY 484.6, 5%+ PY, CALCITE, POSS. ARSENOPY AS FRACTURE FILLINGS, ONE PRONOUNCED FRAC PARALLEL TCA		0.000
0530.3	15.2	FX080048	MVVW	VOLC	AS INTERVAL 484.6		0.000
0549.8	19.5	FX080049	MVVW	VOLC	AS INTERVAL 484.6		0.000
0560.8	11.0	FX080050	MVVW	VOLC	AS INTERVAL 484.6		0.000
0571.2	10.4	FX080051	MVVW	VOLC	AS INTERVAL 484.6		0.000
0573.0	1.8	FX080052	MVW	SLCS	QTZOSE INTERVAL AS ENTRY 484.6, PY TO 2-3%		0.000
0588.3	15.3	FX080053	MVVW	VOLC	AS INTERVAL 484.6		0.000
0600.4	12.1	FX080054	MVVW	VOLC	AS INTERVAL 484.6		0.002
0610.2	9.8	FX080055	MVVW	VOLC	AS INTERVAL 484.6		0.000
0612.3	2.1	FX080056	MW	SLCS	HIGH SICICA(QTZOSE) SECTION AS ENTRY 484.6, NOT SO MASSIVE AS SOME, PY TO 20-25%		0.000
0629.1	16.8	FX080057	MVVW	VOLC	AS INTERVAL 484.6		0.000
0646.2	17.1	FX080058	MVVW	VOLC	AS INTERVAL 484.6		0.000
0661.4	15.2	FX080059	MVVW	VOLC	AS INTERVAL 484.6		0.004
0664.1	2.7	FX080060	MVW	SHR	CALCITE & PY FILLED SHEAR ZONE @ 25 DEG TCA		0.000
0674.2	10.1	FX080061	MVVW	VOLC	AS INTERVAL 484.6		0.000
0675.7	1.5	FX080062	MVVW	SLCS	QTZOSE INTERVAL AS ENTRY 484.6, MINOR PY ONLY		0.000
0677.9	2.2	FX080063	MVVW	VOLC	AS INTERVAL 484.6		0.000
0679.7	1.8	FX080064	MVVW	SLCS	QTZOSE INTERVAL AS ENTRY 484.6, MINOR PY ONLY		0.000
0698.0	18.3	FX080065	MVVW	VOLC	AS INTERVAL 484.6		0.000
0706.5	8.5	FX080066	MVVW	VOLC	AS INTERVAL 484.6		0.000
0722.4	15.9	FX080067	MVW	VOLC	FG TO VFG PALE GN ACID VOLCS. MOST OF UNIT IS MORE OR LESS MASSIVE, WITH CLOTTY PY TO 3-5%. TEXTURES IN-		0.003

DEPTH	LENGTH	SAMPLE#	M...N	ROCK	DESCRIPTION	ANG	AU
					DICATE POSSIBLE POST-DEPOSITIONAL SILICIFICATION. SOME FRACS ALSO FILLED WITH FG SILICA. FRACTURING @ 15 DEG TCA. FRACTURES AND SILICA FILLING MAY BE SYN OR POST DEPOSITIONAL. NO UNEQUIVOCAL BEDDING OR LAMINATIONS EVIDENT.		
0737.6	15.2	FX080068	MVW	VOLC	AS PREV INTERVAL		0.002
0752.8	15.2	FX080069	MVVW	VOLC	AS INTERVAL 484.6		0.002
0767.8	15.0	FX080070	MVVW	VOLC	AS INTERVAL 484.6		0.000
0770.2	2.4	FX080071	MVVW	VOLC	INTERMEDIATE VOLC INTERBED		0.000
0779.4	9.2	FX080072	MVVW	BX	LT GN ACID VOLC BXXIA ZONE. SYN OR POST DEPOSITIONAL(Q)FLOOD CALCITE OR CARBONATE TO 20-30%. ANGULAR FRAGS SILICIFIED, ALTERED VOLCS FLOATING IN A BANDED SILICA-CALCITE MATRIX. PLANER FABRIC @ 20 DEG TCA(Q) MINOR SULF ONLY SILICA COMMON ALONG SECONDARRY FRACS.		0.000
0790.0	10.6	FX080073	MVVW	VOLC	PALE GN ALTERED INTERMED VOLC, MINOR SULF ONLY, SOME BXXIATION, SILICIFICATION.		0.000
0809.8	19.8	FX080074	MVW	BSLT	FG V DK VOLC - BASALTIC. DISSEM PY LOCALLY TO 2-3%		0.000
0823.0	13.2	FX080075	MVW	BSLT	AS PREVIOUS INTERVAL		0.000
0824.2	1.2	FX080076	MVW	BSLT	AS INTERVAL 809.8 2-3% DISSEM SULF, INCL POSSIBLE PO (BRONZE, WEAKLY MAGNETIC(Q))		0.000
0838.2	14.0	FX080077	MVW	BSLT	AS INTERVAL 809.8		0.000
0853.4	15.2	FX080078	MVW	BSLT	AS INTERVAL 809.8		0.000
0868.7	15.3	FX080079	MVW	VOLC	HYDROTHERMALLY ALTERED FG-MG VOLCS, PY LOCALLY TO 3-4% IN FRACTURED, MORE SILICEOUS SECTIONS. MUCH CALC & FG SILICA AS BANDED FRAC FILLINGS, FRACS OFTEN 0-10 DEG TCA. UNIT LT GN -GY.		0.000
0880.9	12.2	FX080080	MVW	VOLC	AS PREVIOUS INTERVAL		0.000
0896.0	15.1	FX080081	MVW	VOLC	AS INTERVAL 868.7		0.000
0912.0	16.0	FX080082	MVW	VOLC	AS INTERVAL 868.7		0.000
0924.4	12.4	FX080083	MVVW	BX	3-4 CM THICK CALCITE FILLED BXXIA ZONE @ 10 DEG TCA		0.000
0927.8	3.4	FX080084	MVW	VOLC	AS INTERVAL 868.7		0.000
0930.5	2.7	FX080085	MVVW	SHR	LT GN ALTERED ZONE @ 30 DEG TCA		0.000
0942.4	11.9	FX080086	MVW	VOLC	AS INTERVAL 868.7		0.000
0944.9	2.5	FX080087	MVVW	FRAC	CALCITE FILLED FRAC ZONE @ 20 DEG TCA		0.002
0956.5	11.6	FX080088	MVW	VOLC	AS INTERVAL 868.7		0.000
0965.6	9.1	FX080089	MVW	VOLC	AS INTERVAL 868.7		0.000
0974.7	9.1	FX080090	MVVW	QTZ	VFG BULL QTZ VEIN OR FLOOD ZONE. SOME EVIDENCE OF BXXIATION OR SLUMPING OF FRAGS OF WALL ROCK AT UPPER AND LOWER CONTACTS. VEIN OR BEDS(Q) IMPRESSION AT HIGH ANGLE (0-10 DEG) TCA.		0.002
0987.5	12.8	FX080091	MVVW	VOLC	LT GN HYDROTHERMALLY ALTERED VOLCS.		0.000

DEPTH	LENGTH	SAMPLE#	M...N	ROCK	DESCRIPTION	ANG	AU
					CALCITE, QTZ VNVG AT HIGH ANGLE TCA.		
1002.8	15.3	FX080092	MVVW	VOLC	AS PREV INTERVAL		0.000
1005.2	2.4	FX080093	MVVW	SLCS	SILICIFIED ZONE, WITH PY AND OTHER DK MINERAL ALONG SMALL GASH FRAC PINKISH HUE SUGGESTS SOME KSPAR.		0.000
1018.0	12.8	FX080094	MVW	BSLT	FG DK BASALTIC VOLC, DISSEM PY TO 2% , POSSIBLE PO. DIKE(Q)		0.000
1024.4	6.4	FX080095	MVW	BSLT	AS PREV INTERVAL		0.000
1040.6	16.2	FX080096	MVW	INTR	MG WHT-GY INTRUSIVE, DISSEM PY TO 4-5%, OVERALL 3% QTZ DIORITE(Q)		0.000
1054.6	14.0	FX080097	MVW	INTR	AS PREV INTERVAL		0.000
1069.8	15.2	FX080098	MVW	INTR	AS ONTERVAL 1040.6		0.000
1083.6	13.8	FX080099	MVW	VOLC	VFG LT GY VOLC, SILICIFIED(Q) MINOR INTRUSIVE AS INTERCAL 1040.6. UPPER CONTACT IS FRACTURE PLANE @ 45 DEG TCA.		0.000
1093.3	9.7	FX080100	MVW	VOLC	FG DK BASALTIC VOLC, 2% DISSEM SULF, LOCALLY TO 3-6%. POSSIBLE PO.		0.000
1109.5	16.2	FX080201	MVVW	INTR	WHT, GY-GN MG-CG INTRUSIVE. HAS UNDERGONE RETROGRADE METAMORPHISM, MAFICS TO CHLORITE, ETC. QTZ DIORITE (Q)MINOR DISSEM PY LOCALLY. SOME LARGE CG CALCITE VEINS.		0.003
1124.7	15.2	FX080202	MVVW	INTR	AS PREV INTERVAL		0.000
1139.9	15.2	FX080203	MVVW	INTR	AS INTERVAL 1109.5		0.000
1155.2	15.3	FX080204	MVVW	INTR	AS INTERVAL 1109.5		0.000
1170.4	15.2	FX080205	MVVW	INTR	AS INTERVAL 1109.5		0.000
1185.7	15.3	FX080206	MVVW	INTR	AS INTERVAL 1109.5		0.000
1200.9	15.2	FX080207	MVVW	INTR	AS INTERVAL 1109.5		0.000
1209.7	8.8	FX080208	MVVW	INTR	AS INTERVAL 1109.5		0.000
1223.8	14.1	FX080209	MVVW	INTR	AS INTERVAL 1109.5		0.000
1226.8	3.0	FX080210	MVVW	INTR	AS INTERVAL 1109.5		0.000
1240.5	13.7	FX080211	MVVW	INTR	AS INTERVAL 1109.5		0.000
1248.1	7.6	FX080212	MVVW	INTR	AS INTERVAL 1109.5		0.000
1257.9	9.8	FX080213	MVVW	BX	ANGULAR GY FRAGS FG IGNEOUS IN GREENISH MATRIX — CATACLASRTIC RESULTING FROM QTZ DIOR INTRUSION, OR SYN OR POST DEPOSITIONAL VOLC BXXIA. V SOFT - HAS UNDERGONE RETROGRADE METAMORPHISM. MINOR SILICIFICATION ONLY, ESP OF SOME FRAGS. LESS THAN 1% SULF.		0.000
1270.1	12.2	FX080214	MVVW	INTR	BXXIATED, CHLORITIZED INTRUSIVE WITH MINOR VOLCS (INCLUSIONS). PROGRESSIVELY MORE BLOCKY AND ALTERED TOWARDS BOTTOM OF HOLE. MINOR SULFIDE ALONG FRACS IN AREAS OF PATCHY SILICIFICATION (MINOR). SOME CATACLASTIC TEXTURES.		0.000
1289.3	19.2	FX080215	MVVW	INTR	AS PREV INTERVAL		0.000
1304.5	15.2	FX080216	MVVW	INTR	AS INTERVAL 1270.1		0.000
1306.4	1.9	FX080217	MVW	INTR	SILICIFIED, AS ENTRY 1270.1, BLOTCHY PY TO 5%.		0.000
1324.1	17.7	FX080218	MVVW	INTR	AS INTERVAL 1270.1		0.000
1338.1	14.0	FX080219	MVVW	INTR	AS INTERVAL 1270.1		0.000

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG	AU
1353.3	15.2	FX080220	MVVM	INTR	AS INTERVAL 1270.1		0.000
1366.4	13.1	FX080221	MVVM	INTR	AS INTERVAL 1270.1		0.000
1383.8	17.4	FX080222	MVVM	INTR	AS INTERVAL 1270.1		0.000
1399.0	15.2	FX080223	MVVM	INTR	AS INTERVAL 1270.1		0.000
1414.3	15.3	FX080224	MVVM	INTR	AS INTERVAL 1270.1		0.000
1432.2	17.9	FX080225	MVVM	INTR	AS INTERVAL 1270.1		0.000
1436.1	1.9	FX080226	MVVM	SHR	ALTERED LT GN SHEAR ZONE		0.000
1448.7	14.6	FX080227	MVVM	INTR	AS INTERVAL 1270.1		0.000
1459.4	10.7	FX080228	MVVM	INTR	AS INTERVAL 1270.1		0.000
1463.0	3.6	FX080229	MVVM	INTR	AS INTERVAL 1270.1		0.000
1470.3	7.3	FX080230	MVVM	INTR	AS INTERVAL 1270.1		0.000
1487.4	17.1	FX080231	MVVM	INTR	AS INTERVAL 1270.1		0.003
1488.9	1.5	FX080232	MVVM	FLT	LT GY ALTERED GOUGE ZONE INCL 2-3 CM GOUGE MATERIAL.		0.000
1505.7	16.8	FX080233	MVVM	INTR	AS INTERVAL 1270.1		0.000
1514.8	9.1	FX080234	MVVM	INTR	AS INTERVAL 1270.1		0.000
1517.3	2.5	FX080235	MVVM	INTR	AS INTERVAL 1270.1		0.000
					FOOT OF HOLE		

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED--AU

BOREHOLE SUMMARY
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FOOTAGE	MNZN	ROCK
0000.0	MVVM	
0009.1	MVVM	OB
0142.0	MVM	INTR
0211.8	MVVM	INTR
0213.7	MVM	INTR
0228.9	MVVM	INTR
0234.6	MVM	INTR
0242.3	MVVM	INTR
0244.1	MVVM	BX
0309.7	MVVM	INTR
0484.6	MVVM	VOLC
0495.0	MVM	SLCS
0498.0	MVVM	VOLC
0499.0	MVM	SLCS
0510.2	MVVM	VOLC
0515.1	MVM	SLCS
0571.2	MVVM	VOLC
0573.0	MVM	SLCS
0610.2	MVVM	VOLC
0612.3	MW	SLCS
0661.4	MVVM	VOLC
0664.1	MVM	SHR
0674.2	MVVM	VOLC
0675.7	MVVM	SLCS
0677.9	MVVM	VOLC
0679.7	MVVM	SLCS

0706.5	MVVW	VOLC
0737.6	MVW	VOLC
0770.2	MVVW	VOLC
0779.4	MVVW	BX
0790.0	MVVW	VOLC
0853.4	MVW	BSLT
0912.0	MVW	VOLC
0924.4	MVVW	BX
0927.8	MVW	VOLC
0930.5	MVVW	SHR
0942.4	MVW	VOLC
0944.9	MVVW	FRAC
0965.6	MVW	VOLC
0974.7	MVVW	QTZ
1002.8	MVVW	VOLC
1005.2	MVVW	SLCS
1024.4	MVW	BSLT
1069.8	MVW	INTR
1093.3	MVW	VOLC
1248.1	MVVW	INTR
1257.9	MVVW	BX
1304.5	MVVW	INTR
1306.4	MVW	INTR
1432.2	MVVW	INTR
1434.1	MVVW	SHR
1487.4	MVVW	INTR
1488.9	MVVW	FLT
1517.3	MVVW	INTR

BOREHOLE RECORD

DATE PROCESSED AUG 11,1981

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	GRID AZIMUTH	BEARING	DIP	ELEVATION	LATITUDE	DEPARTURE	CHK'D
38875-0	BATEAUX	103 F 1W			01555	132 00	132 00	-60 00	0000	N000160	W000010	DATE

LOGGED BY....T.A.JONES STARTED....MAY 03,1981 COMPLETED....MAY 05,1981 ASSAY FOR....AU

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP
1555		-55 00									

COMMENTS

ALL DEPTHS IN DECIMETRES(.1 METRE). DRILLED BQ BY DRILCOR HYDRA WINK ON BATEAUX CLAIM. CASING PULLED. AU ASSAYS BY BONDAR,CLEGG (VANCOUVER). CORE STORED ON SITE. ELEVATION BY ALTIMETER ONLY. ELEVATION IN METRES ASL. AU ASSAYED IN OZ PER TON. DRILLED TO INTERSECT A FAULT STRUCTURE AT DEPTH.

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG	AU
0000.0	0.0		MVVW		COLLAR		
0009.1	9.1		MVVW	OB	OB. 4 FEET BW CASING		
0028.9	19.8	FX080236	MVW	AMPH	MG EQUIGRANULAR AMPHIBOLITE = META-BASALT. CONTACT METAMORPHISM DUE TO PROXIMITY OF QTZ DIOR - GDIOR STOCK. MINOR DISSEM & BLEBBY PY (0-2%).		0.003
0038.7	9.8	FX080237	MVVW	QTZ	CG SILICEOUS IGNEOUS UNIT, MASSIVE. MAY BE QTZ VEIN OR OTHER SWEAT FROM GDIOR STOCK. MINOR KSPAR(Q) V MINOR PY.		0.000
0044.2	5.5	FX080238	MVW	QTZ	AS ENTRY 28.9		0.000
0073.7	29.5	FX080239	MVW	VOLC	WELL LAMINATED FG ACID IGNEOUS,PROB ACID VOLC. WHT TO LT BUFF. LOCALLY 10-12% PY AS BLEBS ALONG LAMINATIONS , 2-4% OVER ENTIRE SECTION. LAMS @ 45 DEG TCA. AT LEAST SOME KSPAR (PINKISH, WEATHERS READILY).		0.000
0078.3	4.6	FX080240	MVW	VOLC	AS ENTRY 28.9		0.000
0086.8	8.5	FX080241	MVW	VOLC	AS ENTRY 73.7		0.000
0118.9	32.1	FX080242	MVVW	AMPH	AMPHIBOLITE, AS ENTRY 28.9. POSSIBLE BEDDING INDICATED BY ABRUPT CHANGE IN GRAIN SIZE (META-CONTACT(Q)) @ 60 DEG TCA.		0.000
0138.7	19.8	FX080243	MVVW	AMPH	AS PREV ENTRY		0.000
0158.5	19.8	FX080244	MVVW	VOLC	SIMILAR INTERVAL 73.7, LAMINATIONS DOMINANTLY @ 45-50 DEG TCA, OCCAS. UP TO 60 DEG TCA.		0.000
0182.9	24.4	FX080245	MVVW	AMPH	AMPHIBOLITE, AS ENTRY 28.9. SEVERAL FINERG INTERVALS, APPARENTLY SOMEWHAT SILICEOUS, MAY REPRESENT INTERBEDS OF INTERMEDIATE VOLC.		0.000
0207.3	24.4	FX080246	MVVW	AMPH	AS ENTRY 182.9		0.000
0210.3	3.0	FX080247	MVVW	AMPH	AS ENTRY 182.9		0.000
0214.3	4.0	FX080248	MVVW	AMPH	AS ENTRY 182.9		0.000
0216.4	2.1	FX080249	MVVW	VOLC	INTERBED PER ENTRY 182.9		0.000

DEPTH	LENGTH	SAMPLE#	MIN	ROCK	DESCRIPTION	ANG	AU
0233.8	17.4	FX080250	MVVW	AMPH	AS ENTRY 182.9		0.005
0237.7	3.9	FX080251	MVVW	QTZ	MASSIVE QTZ, SOMEWHAT BXXIATED. SILICA FLOOD ZONE ALONG FRACTURE(Q)		0.000
0271.3	33.6	FX080252	MVVW	AMPH	AS ENTRY 182.9		0.000
0304.8	33.5	FX080253	MVVW	AMPH	AS ENTRY 182.9		0.000
0338.3	33.5	FX080254	MVVW	AMPH	AS ENTRY 182.9		0.000
0341.3	3.0	FX080255	MVVW	VOLC	LT GY FG LAM INTERMED VOLC INTERVAL PER ENTRY 182.9 WITH SOME MASSIVE CALCITE.		0.000
0344.4	3.1	FX080256	MVVW	AMPH	AS ENTRY 182.9		0.000
0347.2	2.8	FX080257	MVW	VEIN	FRACTURE ZONE WITH QTZ, CALCITE VNNG, 3-4% PY.		0.000
0357.2	10.0	FX080258	MVVW	AMPH	AS ENTRY 182.9		0.000
0371.8	14.6	FX080259	MVW	VOLC	GY TO DK GY, F TO MG, INTERMED TO BASIC ALTERED VOLC. CALCITE AS ALTERATION PRODUCT. 2-4% PY. PRIMARY STRUCTURES NOT READILY DISCERNIBLE. MUCH CALCITE VNNG. BOTH MASS WHT AND CREAMY-PINK CARBONATE, SOMETIMES RYTHMICALLY BANDED ON VNLET WALLS. PINK CARB LATER STAGE(Q)		0.000
0395.9	24.1	FX080260	MVW	VOLC	AS PREV ENTRY		0.000
0398.7	2.8	FX080261	MVVW	VOLC	V LT GY FG INTERVAL, FRACTURE ZONE, POSSIBLY ORIGINALLY LAM INTERMED VOLC, LATER SILICIFIED, FRACTURED. MUCH CALCITE VNNG.		0.000
0401.4	2.7	FX080262	MVVW	VOLC	AS PREV ENTRY, MUCH FE STAINING, BLOCKY FRACTURING.		0.000
0406.3	4.9	FX080263	MVW	VOLC	AS ENTRY 398.7, BUT VFG, MASSIVE, SILICIFIED. PY, CALCITE, POSS GALENA IN FRACTURES. SULFIDES TO 1-2% ONLY. LOWER 25 CM MAY BE META SHEAR ZONE, LESS SILICA.		0.000
0420.3	14.0	FX080264	MVVW	VOLC	GY FG-MG INTERMED VOLCS. MUCH CALCITE. LESS THAN 1% PY. MUCH SHEARED SOME PORTIONS. PRIMARY STRUCTURE NOT READILY DISCERNIBLE.		0.000
0421.8	1.5	FX080265	MVVW	SHR	SMALL SHEAR ZONE WITH MUCH CARBONATE		0.000
0457.8	36.0	FX080266	MVVW	VOLC	AS ENTRY 420.3		0.000
0460.8	3.0	FX080267	MVVW	SLCS	SILICA RICH INTERVAL, MUCH FG TO CRYPTOXTALLINE SILICA. MAY REPRESENT FG CHEMICAL CHERT INTERBED. PY LT 1% MUCH BLEBBY ORANGE CARB.		0.002
0485.5	24.7	FX080268	MVVW	SLCS	AS PREV ENTRY, LESS ORANGE CARB.		0.000
0492.9	7.4	FX080269	MVVW	VOLC	VFG HIGHLY SILICEOUS LT GY SECTION, GHOST LAMS @ 45 DEG TCA. PY LT 1%. HIGHLY ALTERED FELSIC VOLC(Q)		0.000
0496.2	3.3	FX080270	MVVW	VOLC	LT GY ALTERED VOLCS. V SOFT, MUCH BLOCKY FRACTURING. MUCH CARBONATE. WEATHERING TYPE ALTERATION APPARENT. FAULT ZONE. SOME PORTIONS APPEAR TO BE RE-FRACTURED PRIMARY VOLCANIC BXXIA OR LITHIC TUFF. INTERVAL PROB ORIGINALLY INTERMED - BASIC VOLCS. SULF LT 1% - LEACHED(Q)		0.004

DEPTH	LENGTH	SAMPLE#	MIN	ROCK	DESCRIPTION	ANG	AU
0516.6	20.4	FX080271	MVVW	VOLC	AS PREV ENTRY		0.000
0519.1	2.5	FX080272	MVVW	VOLC	MASSIVE FG SILICA - LGE CHERTY CLAST (Q) NO SULF		0.000
0535.3	16.2	FX080273	MVVW	VOLC	AS ENTRY 496.2		0.002
0536.1	0.8	FX080273	MVVW	FLT	GY MUDDY GOUGE		0.002
0538.0	1.9	FX080273	MVVW	VOLC	AS ENTRY 496.2		0.002
0538.9	0.9	FX080273	MVVW	FLT	GY MUDDY GOUGE		0.002
0539.5	0.6	FX080273	MVVW	VOLC	AS ENTRY 496.2		0.002
0544.4	4.9	FX080274	MVVW	SLCS	FG SILICIFIED 'CHUNK' - MAY BE LGE CHERTY CLAST IN FAULT ZONE. BREAKING UP IN SITU - INCIPIENT BXXIATION.		0.000
0549.8	5.4	FX080275	MVVW	VOLC	AS ENTRY 496.2		0.003
0577.0	27.2	FX080276	MVVW	BX'	V LT GY ALTERED, SILICIFIED VOLC BXXIA. PROB VOLCLASTIC, OR ANGULAR FAULT BXXIA. PY LT 1%.		0.000
0601.4	24.4	FX080277	MVVW	VOLC	LT GY, FG-MG, FELSIC-INTERMED VOLCS. PRIMARY STRUCTURES OBSCURED. PY LT 1%. DISCRETE SILICA-RICH INTERVALS COMMON. OFTEN FRACTURE BOUNDED . UPPER & LOWER CONTACT OFTEN NCN-CONCORDANT. QTZOSE INTERVALS OFTEN CUT BY MINOR CALCITE VNNG.		0.000
0605.3	3.9	FX080278	MVVW	VOLC	QTZOSE INTERVAL PER PREV ENTRY		0.000
0615.1	9.8	FX080279	MVVW	VOLC	AS ENTRY 601.4		0.000
0616.0	0.9	FX080280	MVVW	VOLC	QTZOSE INTERVAL PER ENTRY 601.4		0.000
0640.1	24.1	FX080281	MVVW	VOLC	AS ENTRY 601.4		0.000
0660.2	20.1	FX080282	MVVW	VOLC	AS ENTRY 601.4		0.000
0673.9	13.7	FX080283	MVVW	VOLC	QTZOSE INTERVAL PER ENTRY 601.4		0.000
0683.4	9.5	FX080284	MVVW	VOLC	AS ENTRY 601.4		0.000
0686.7	3.3	FX080285	MVVW	BX	ANGULAR BXXIA ZONE. FRAGS ALIGNED @ 35 DEG TCA. FAULT BXXIA - HEALED(Q) CARBONATE RIMS ON FRAGS		0.000
0707.8	21.1	FX080286	MVVW	VOLC	AS ENTRY 601.4		0.000
0715.7	7.9	FX080287	MVVW	VOLC	QTZOSE INTERVAL PER ENTRY 601.4		0.000
0746.8	31.1	FX080288	MVVW	VOLC	AS ENTRY 601.4		0.000
0763.5	16.7	FX080289	MVVW	VOLC	AS ENTRY 601.4		0.000
0769.9	6.4	FX080290	MVVW	BX	BXXIA — ANGULAR FRAGS (INCL CHERT) IN VOLC MATRIX. PRIMARY BXXIA(Q)MUCH ALTERATION (RETROGRADE META).		0.000
0775.7	5.8	FX080291	MVVW	VOLC	QTZOSE INTERVAL PER ENTRY 601.4		0.000
0796.4	20.7	FX080292	MVVW	VOLC	AS ENTRY 601.4		0.000
0829.0	32.6	FX080293	MVVW	DIO	CG IGNEOUS, POSS QTZ DIOR-GDIOR OR DERIVATIVE, SOMEWHAT ALTERED (CHLORITIZED). 20-30% QTZ OR MORE. MASSIVE . MAY BE DE-VITRIFIED VOLC GLASS (PATTISON). SULF LT 1%. LITTLE CALCITE ALTERATION.NOT CATACLASTIC TEXTURE. TS		0.000
0856.5	27.5	FX080294	MVVW	DIO	AS ENTRY 829.0		0.000
0888.2	31.7	FX080295	MVVW	DIO	AS ENTRY 829.0		0.000
0911.3	23.1	FX080296	MVVW	DIO	AS ENTRY 829.0		0.005
0923.8	12.5	FX080297	MVVW	DIO	AS ENTRY 829.0		0.000
0928.7	4.9	FX080298	MVVW	BX	FG SILICA-RICH INTERBED. 2% BLEBBY SULFIDE. ONE CONTACT = BXXIA ZONE @ 40 DEG TCA.		0.000

DEPTH	LENGTH	SAMPLE#	M...N	ROCK	DESCRIPTION	ANG	AU
0935.1	6.4	FX080299	MVVW	DIO	AS ENTRY 829.0		0.000
0963.8	28.7	FX080300	MVVW	DIO	AS ENTRY 829.0,BLOCKY JOINTING OR FRACTURING @ 0-35 DEG TCA. NO GOUGE FE STAINING - ZONE OF PENETRATION OF SURFACE WATER.		0.000
0990.6	26.8	FX080101	MVVW	DIO	AS ENTRY 829.0		0.002
1001.9	11.3	FX080102	MVVW	DIO	AS ENTRY 829.0		0.002
1007.7	5.8	FX080103	MVVW	DIO	AS ENTRY 829.0, BLEBBY SULF TO 6-8%		0.013
1032.3	24.6	FX080104	MVVW	DIO	AS ENTRY 829.0		0.000
1035.4	3.1	FX080105	MVVW	SHR	FG INTERBED OR SHEAR ZONE, CHLORITIC		0.000
1056.7	21.3	FX080106	MVVW	DIO	AS ENTRY 829.0		0.002
1074.7	18.0	FX080107	MVVW	DIO	AS ENTRY 829.0		0.004
1077.2	2.5	FX080108	MVW	DIO	SIM TO ENTRY 829.0, BLEBBY SULF TO 10-15%. SOME PINK CARB. TEXTURE SIM TO SURRDUNDING, BUT MAY BE PEGMATITE VEIN		0.000
1102.1	24.9	FX080109	MVVW	DIO	AS ENTRY 829.0		0.002
1117.7	15.6	FX080110	MV	DIO	AS ENTRY 829.0, SULF 3-12%, SULF SOMETIMES ALONG SHEARS @ 40-45 DEG TCA. YLLW CARB VNNG.		0.000
1139.9	22.2	FX080111	MVVW	DIO	AS ENTRY 829.0		0.002
1172.3	32.4	FX080112	MVVW	VOLC	LT GY FG META VOLC - INTERMED COMPOSITION. SOFT. MUCH YLLW CARB VNNG.		0.000
1185.7	13.4	FX080113	MVVW	VOLC	AS PREV ENTRY		0.002
1194.5	8.8	FX080114	MVW	SHR	SHEAR ZONE @ 30 DEG TCA. MUCH CARB, LT 2% PY.		0.007
1219.2	24.7	FX080115	MVVW	DIO	AS ENTRY 829.0		0.000
1241.4	22.2	FX080116	MVVW	DIO	AS ENTRY 829.0		0.000
1271.9	30.5	FX080117	MVW	VOLC	FG, GY TO BK META VOLC. MAFIC INTERMED TO BASIC. 1-2% DISSEM PY, LOCALLY TO 3-5%. QUITE MASSIVE, LOCAL EVIDENCE SHEARING.		0.000
1301.5	29.6	FX080118	MVW	VOLC	AS ENTRY 1271.9		0.000
1332.6	31.1	FX080119	MVW	VOLC	AS ENTRY 1271.9		0.000
1356.0	23.4	FX080120	MVW	VOLC	AS ENTRY 1271.9		0.000
1358.8	2.8	FX080121	MVW	VOLC	AS ENTRY 1271.9		0.000
1387.7	28.9	FX080122	MVW	VOLC	AS ENTRY 1271.9		0.002
1402.1	14.4	FX080123	MVW	VOLC	AS ENTRY 1271.9		0.000
1405.7	3.6	FX080124	MVW	IGN	MASSIVE INTERVAL WITH MUCH CLOTTY SILICA. BLEBBY PY UP TO 10-15% LOCALLY, 2-3% OVERALL.		0.000
1421.0	15.3	FX080125	MVW	VOLC	AS ENTRY 1271.9		0.000
1431.0	10.0	FX080126	MVW	IGN	MASSIVE, SILICEOUS CG IGNEOUS. PY TO 2-4%, LOCALLY HIGHER.		0.000
1433.8	2.8	FX080127	MVVW	BX	BXXIA ZONE. LGE ANGULAR FRAGS FLOATING IN CARB MATRIX. AT HIGH ANGLE (0-5 DEG) TCA.		0.000
1449.6	15.8	FX080128	MVW	IGN	AS ENTRY 1431.0		0.000
1452.1	2.5	FX080129	MVW	IGN	AS ENTRY 1431.0, WITH BLEBBY TO 3-4%		0.002
1486.2	34.1	FX080130	MVW	VOLC	AS ENTRY 1271.9		0.000
1512.4	26.2	FX080131	MVW	VOLC	LT GY SILICEOUS VOLC INTERVAL, MUCH EVIDENCE BXXN, SHEARING. SOME INDIC LAMINATIONS @ 65 DEG TCA. POSSIBLE SILICIFIED FELSIC VOLC. PY UP TO 5% OR MORE(AVG 3-5%) IN PLANAR FRAGS IN		0.000

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG	AU
					ROCK. SOME CALCITE VNNG. 1 LAYER BXXIA COMPRISED COARSE ANG FRAGS IN FG SILICA MATRIX.		
1522.5	10.1	FX080132	MVW	VOLC	AS PREV ENTRY		0.000
1554.5	32.0	FX080133	MVW	SLCS	MASSIVE FG SILICEOUS INTERVAL. NC LAMINATIONS NOTED. PY PER ENTRY 1512.4. V SILICIFIED INTERMED VOLC (Q)		0.002
					FOOT OF HOLE		

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..AU

BOREHOLE SUMMARY
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FOOTAGE	MNZN	ROCK
0000.0	MVVW	
0009.1	MVVW	OB
0028.9	MVW	AMPH
0038.7	MVVW	QTZ
0044.2	MVW	QTZ
0086.8	MVW	VOLC
0138.7	MVVW	AMPH
0158.5	MVVW	VOLC
0214.3	MVVW	AMPH
0216.4	MVVW	VOLC
0233.8	MVVW	AMPH
0237.7	MVVW	QTZ
0338.3	MVVW	AMPH
0341.3	MVVW	VOLC
0344.4	MVVW	AMPH
0347.2	MVW	VEIN
0357.2	MVVW	AMPH
0395.9	MVW	VOLC
0401.4	MVVW	VOLC
0406.3	MVW	VOLC
0420.3	MVVW	VOLC
0421.8	MVVW	SHR
0457.8	MVVW	VOLC
0485.5	MVVW	SLCS
0535.3	MVVW	VOLC
0536.1	MVVW	FLT
0538.0	MVVW	VOLC
0538.9	MVVW	FLT
0539.5	MVVW	VOLC
0544.4	MVVW	SLCS
0549.8	MVVW	VOLC
0577.0	MVVW	BX
0683.4	MVVW	VOLC
0686.7	MVVW	BX
0763.5	MVVW	VOLC

0769.9	MVAR	BX
0799.4	MVAR	VOLC
0923.6	MVAR	DIU
0928.7	MVAR	BX
1032.3	MVAR	DIU
1035.4	MVAR	SHR
1074.7	MVAR	DIU
1077.2	MVAR	DIU
1102.1	MVAR	DIU
1117.7	MV	DIU
1139.9	MVAR	DIU
1185.7	MVAR	VOLC
1194.5	MVAR	SHR
1241.4	MVAR	DIU
1402.1	MVAR	VOLC
1405.7	MVAR	IGN
1421.0	MVAR	VOLC
1431.0	MVAR	IGN
1433.8	MVAR	BX
1452.1	MVAR	IGN
1522.5	MVAR	VOLC
1554.5	MVAR	SLCS

BOREHOLE RECORD

DATE PROCESSED AUG 10,1981

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	GRID DEPTH	AZIMUTH BEARING	DIP	ELEVATION	LATITUDE DEPARTURE	CHK'D
38876-0	BATEAUX	103 F 1W			01555	130 00 130 00	-45 00	0000	N000268 E000175	DATE

LOGGED BY....T.A.JONES STARTED....MAY 06,1981 COMPLETED....MAY 09,1981 ASSAY FOR....AU

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP
1524		-43 42									

COMMENTS

ALL DEPTHS IN DECIMETRES(.1 METRE). DRILLED BQ BY DRILCOR HYDRA WINK ON BATEAUX CLAIM. AU ASSAYS BY BONDAR,CLEGG (VANCOUVER). CORE STORED ON SITE. ELEVATION BY ALTIMETER ONLY. ELEVATION IN METRES ASL. 10 FEET BW CASING AND SHOE LEFT IN HOLE AU ASSAYED IN OZ PER TON. DRILLED TO UNDERCUT A MINERALIZED OUTCROP.

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG	AU
0000.0	0.0		MVVM		COLLAR		
0022.9	22.9		MVVM	OB	OVERBURDEN. 9 FEET BW CASING.		
0036.6	13.7	FX080408	MVVM	VOLC	FG DK PROPHYRITIC VOLC, INTERMED - BASIC. UNIT IS MASSIVE, SINGLE FLOW(?)SOMEWHAT ROUNDED, FE-STAINED FIRST 3 M. FINE CARBONATE VEINS COMMON @ 50 DEG TCA- YELLOWISH. PY LT 1% PORPHYRIES = UNKNOWN MINERAL, YELLOWISH(ALTERED), SOFT, CUBIC HABIT, UP TO 2 MM ACROSS.		0.000
0048.5	11.9	FX080409	MVVM	VOLC	AS PREV ENTRY		0.000
0056.1	7.6	FX080410	MVVM	FRAC	VFG QTZ-FILLED FRAC @ 10 DEG TCA, 2 CM THICK, WITH BLEACHED FRAGS FLOATING IN QTZ MATRIX. HIGH TEMP, PENECONTEMPORANEOUS(?)MAY BE QTZ BOXWORK VEINING NOTED AT SURFACE. THIN CARB ALONG SIDES FRACTURE, PY(FE) STAIN.		0.000
0073.1	17.0	FX080411	MVVM	VOLC	AS ENTRY 36.6		0.000
0090.0	16.9	FX080412	MVVM	VOLC	AS ENTRY 36.6		0.000
0105.1	15.1	FX080413	MVVM	VOLC	AS ENTRY 36.6		0.000
0121.9	16.8	FX080414	MVVM	VOLC	AS ENTRY 36.6		0.000
0127.4	5.5	FX080415	MVVM	VOLC	AS ENTRY 36.6		0.000
0137.2	9.8	FX080415	MVVM	CHRT	MAROON TO GY TO RED-GY CHERTS. EXTREMELY VARIED TEXTURES HIDDEN BY CHERTY NATURE OF UNIT. SOME PORTIONS HAVE ROUNDED CHERT PEBBLES FLOATING IN A CHERTY OR SILICIFIED MATRIX, ONLY NOTED BY VIRTUE COLOUR DIFFERENCES. 8XXN COMMON - AUTO-8XXN(?)APPEAR AS ANGULAR FRAGS ALMOST IN SITU, SURROUNDED BY LT COLOURED CHERT & SILICA. SOME PORTIONS THIS INTERVAL APPEAR TO BE WELL SILICIFIED MUDSTONE. NO PY AS VIS XTALS, BUT SOME		0.000

DEPTH	LENGTH	SAMPLE#	ALTN ROCK	DESCRIPTION	ANG	AU
				MAY BE PRESENT WITHIN CERTAIN OK BN MUDSTONE(Q) LAYERS AS FG CHEM PRECIP OR WINNOWING PRODUCT. ENTIRE INTERVAL INTERPRETED AS SILICIFIED VFG SEDS (IE* MUDSTONES & ALLIED), PERHAPS COMBINED WITH SOME INTERVOLCANIC CHEM CHERT. V DISTINCTIVE INTERVAL, ESP. MAROON COLORATION OF CERTAIN PORTIONS, AND SILICIC NATURE. ONE *MUDSTONE* BED 1 CM THICK RECOGNIZED AS VFG SULF, PROB PY. ONE SMALL BXXIA ZONE WHICH MAY REPRESENT A BEDDING SURFACE, @ 40 DEG TCA. TWO QTZ VEINS, 5-10 MM THICK, DRUSY QTZ XTALS, @ 40-45 TCA.		
0145.4	8.2	FX080416	MVVW CHRT	AS PREV ENTRY	0.000	
0148.7	3.3	FX080417	MVVW SLCS	MASSIVELY SILICEOUS ZONE WITH *CLOUDS* OF A RED-PINK SILICEOUS MIN (KSPAR OR TINTED QTZ)	0.000	
0157.0	8.3	FX080418	MVVW CHRT	AS ENTRY 137.2	0.000	
0165.8	8.8	FX080419	MVW CHRT	AS ENTRY 137.2, THIS SECTION CHOSEN AS CONTAINING SEVERAL *MUD* LAYERS 1 CM THICK WHICH CONTAIN VFG PY. PY TO 10-12% THIS SECTION(Q)	0.002	
0174.0	8.2	FX080420	MVVW CHRT	AS ENTRY 137.2	0.000	
0191.1	17.1	FX080421	MVVW CHRT	AS ENTRY 137.2, MAROON	0.002	
0204.2	13.1	FX080422	MVVW CHRT	AS ENTRY 137.2, MAROON	0.000	
0216.4	12.2	FX080423	MVVW CHRT	AS ENTRY 137.2 MAROON	0.000	
0228.6	12.2	FX080424	MVVW CHRT	AS ENTRY 137.2 MAROON	0.000	
0243.8	15.2	FX080425	MVVW CHRT	AS ENTRY 137.2	0.000	
0259.1	15.3	FX080426	MVVW CHRT	AS ENTRY 137.2	0.011	
0274.3	15.2	FX080427	MVVW CHRT	AS ENTRY 137.2	0.007	
0289.6	15.3	FX080428	MVVW CHRT	AS ENTRY 137.2	0.004	
0301.7	12.1	FX080429	MVVW CHRT	AS ENTRY 137.2	0.006	
0311.2	9.5	FX080430	MVVW CHRT	AS ENTRY 137.2	0.004	
0313.9	2.7	FX080431	MVVW BX	MINOR BXXIA ZONE	0.000	
0335.3	21.4	FX080432	MVVW CHRT	AS ENTRY 137.2	0.002	
0350.5	15.2	FX080433	MVVW CHRT	AS ENTRY 137.2	0.000	
0356.6	6.1	FX080434	MVVW CHRT	AS ENTRY 137.2	0.004	
0371.5	14.9	FX080435	MVVW CHRT	ANOTHER SEQUENCE OF CHEMICAL CHERTS AND-OR SILICIFIED VFG SEDIMENTS. SED STRUCTURES INCL LAMS PROMINENT SOME SECTIONS. ENTIRE INTERVAL LT GY, SILICIC. LAMINATIONS 60-80 DEG TCA, LOCALLY ROTATED. MUCH FRACTURING AND LOCAL MOVEMENT ALONG FRACS, MAY BE PENECONTEMPORANEOUS SLUMPING. MINOR PY (LT 1%) ALONG FRAC SURFACES. FRACS & VF VEINING UBIQUITOUS, @ 35-55 DEG TCA .	0.006	
0376.7	5.2	FX080436	MVVW BX	FG QTZ-FILLED BXXIA ZONE @ 5-15 DEG TCA. BLEACHED ANGULAR FRAGS IN *CHERTY* MATRIX.	0.002	
0396.2	19.5	FX080437	MVVW CHRT	AS ENTRY 371.5	0.005	
0411.5	15.3	FX080438	MVVW CHRT	AS ENTRY 371.5	0.000	

DEPTH	LENGTH	SAMPLE#	MAIN ROCK	DESCRIPTION	ANG	AU
0426.7	15.2	FX080439	MVVW CHRT	AS ENTRY 371.5		0.000
0457.2	30.5	FX080440	MVVW CHRT	AS ENTRY 371.5		0.002
0487.7	30.5	FX080441	MVVW CHRT	AS ENTRY 371.5		0.000
0499.6	11.9	FX080442	MVVW CHRT	AS ENTRY 371.5		0.002
0509.7	10.1	FX080443	MVVW BX	F-MG QTZ-HEALED FRAC-BXXIA ZONE. EDGES SUB-CONCORDANT @ 30 DEG TCA.		0.004
0518.8	9.1	FX080444	MVVW CHRT	AS ENTRY 371.5		0.000
0548.6	29.8	FX080445	MVVW VOLC	F-MG DK GN PORPHYRITIC VOLCS. NO VIS PY. MUCH YLLW QTZ VNNG, SOME CALCITE . PORPHYRY = LEUCOXENE(Q), UP TO 3 MM. INTERVAL +-MASSIVE. SEVERAL HIGH ANGLE FRAC SURFACES(10 DEG TCA), ONE OF WHICH SLICKS APPROX PARAL-LEL TCA.		0.000
0579.1	30.5	FX080446	MVVW VOLC	AS PREV ENTRY		0.003
0609.6	30.5	FX080447	MVVW VOLC	AS ENTRY 548.6		0.000
0640.1	30.5	FX080448	MVVW VOLC	AS ENTRY 548.6		0.002
0670.6	30.5	FX080449	MVVW VOLC	AS ENTRY 548.6		0.000
0701.0	30.4	FX080450	MVVW VOLC	AS ENTRY 548.6		0.000
0712.6	11.6	FX080451	MVVW VOLC	AS ENTRY 548.6		0.000
0738.2	25.6	FX080452	MVVW VOLC	VFG ALTERED INTERMED VOLC. LT GY. SOME EVIDENCE LAYERING @ APPROX 45 DEG TCA, BUT VERY QUESTIONABLE. SOME APPARENT CHILL FEATURES SUGGEST PILLOW MARGINS,ALSO CONCENTRIC FRACTURING. YLLW CARBONATE, CALCITE, NO SULF.		0.000
0782.0	23.8	FX080453	MVVW VOLC	LITHOLOGY AS ENTRY 548.6, MUCH FRACTURING & SHEARING.		0.000
0792.5	30.5	FX080454	MVVW VOLC	AS ENTRY 762.0		0.000
0823.0	30.5	FX080455	MVVW VOLC	AS ENTRY 762.0		0.000
0848.9	25.9	FX080456	MVVW VOLC	AS ENTRY 762.0		0.000
0879.0	30.1	FX080457	MVVW VOLC	VFG LT GY SOMEWHAT BXXIATED INTERVAL . 60-70% INTERVAL SILICIFIED. SILIC-IFIED FG INTERMED VOLC(Q) OR DE-CHER T-IFIED CHEMICAL SEDTIE CHLORITIZED CHERT) (Q) NO VIS SULF. CALCITE + YLLWCARB ALONG FRACS. INTERVAL COULD REPRESENT SILICIFIED INTERMEDIATE FLOW TONGUE, SHOWING CHILL FEATURES (VFG, BXXIATION).		0.000
0909.8	30.8	FX080458	MVVW VOLC	AS PREV ENTRY		0.000
0921.1	11.3	FX080459	MVVW VOLC	AS ENTRY 879.0		0.000
0941.8	20.7	FX080460	MVVW VOLC	PORPHYRITIC F-MG DK GN ALTERED VOLC. SOME QTZ VNNG & BLEBS, TWO TYPES CARB - ONE STAINING YLLW(ANKERITE(Q)),THE OTHER WHITE CALCITE. SECTION SOMEWHAT BROKEN UP & SHEARED, NOW HEALED. SULF LT 1%.		0.003
0960.1	18.3	FX080461	MVVW VOLC	AS PREV ENTRY		0.000
0971.4	11.3	FX080462	MVVW VOLC	AS ENTRY 941.8, SHEARED AND ALTERED WITH MUCH BLEBBY QTZ AND YLLW CARB.		0.000
0984.5	13.1	FX080463	MVVW VOLC	AS ENTRY 941.8		0.000
0999.7	15.2	FX080464	MVVW VOLC	AS ENTRY 941.8		0.000
1015.0	15.3	FX080465	MVVW VOLC	AS ENTRY 941.8		0.000

DEPTH	LENGTH	SAMPLE#	MAIN ROCK		DESCRIPTION	ANG	AU
1031.7	16.7	FX080466	MVVW	VOLC	AS ENTRY 941.8		0.000
1048.5	16.8	FX080467	MVVW	VOLC	AS ENTRY 941.8		0.000
1077.6	29.1	FX080468	MVVW	VOLC	AS ENTRY 941.8		0.000
1082.6	5.0	FX080469	MVVW	VOLC	AS ENTRY 941.8		0.000
1101.5	18.9	FX080470	MVVW	VOLC	AS ENTRY 941.8		0.000
1121.7	20.2	FX080471	MVVW	VOLC	MAY REPRESENT SINGLE VOLC FLOW. SOFT GREY HEAVILY SHEARED VOLC APPROX 60 CM THICK ADJACENT UPPER & LOWER CONTACT. BETWEEN THESE OUTER SHEAR ZONES AND THE FLOW CORE ZONE ARE AN UPPER AND LOWER BXXIA ZONE. LOWER BXXIA ZONE 3.5 M THICK. CONSISTS VARIOUS TYPES ANGULAR PEBBLES IN AN ALTERNATIVELY CHERTY OR SILICIFIED MATRIX. UPPER BXXIA ZONE LESS THICK, WITH SOME CARB IN MATRIX. CENTRAL CORE ZONE LT GN VFG-APHANITIC INTERMED — BASIC VOLC. SOME VF PHENOCRYSTS. LEUCOX(Q) SUBMARINE FLOW (Q) SUB# LT 1%. BANDING AND-OR PLANAR FEATURES IN BXXIA ZONE @ 45-55 DEG TCA. SHEARING IN OUTER CONTACT SHEAR ZONES @ 20-30 DEG TCA (WHY(Q)).		0.000
1140.9	19.2	FX080472	MVVW	VOLC	AS ENTRY 1121.7		0.000
1161.3	20.4	FX080473	MVVW	VOLC	AS ENTRY 1121.7. INTERVAL CONTAINS MOST OF FLOW CORE ZONE		0.000
1179.0	17.7	FX080474	MVVW	VOLC	AS ENTRY 1121.7		0.000
1199.7	20.7	FX080475	MVVW	VOLC	AS ENTRY 1121.7		0.000
1219.2	19.5	FX080476	MVVW	VOLC	VFG GN TO GY TO DK GY NON PORPHYRITIC VOLC. FLOW BANDING, CHILLED PILLOW AND- OR FLOW MARGINS. PY LT 1 % OVERALL, LOCALLY TO 3-4%. ONE SET FLOW BANDING @ 65 DEG TCA, REPRESENTATIVE. MINOR CALCITE VEINING ONLY.		0.000
1239.6	20.4	FX080477	MVVW	VOLC	AS PREV ENTRY		0.000
1258.8	19.2	FX080478	MVVW	VOLC	AS ENTRY 1219.2		0.000
1278.0	19.2	FX080479	MVVW	VOLC	AS ENTRY 1219.2		0.000
1296.3	18.3	FX080480	MVVW	VOLC	AS ENTRY 1219.2		0.000
1319.8	23.5	FX080481	MVVW	VOLC	AS ENTRY 1219.2		0.000
1335.0	15.2	FX080482	MVVW	VOLC	AS ENTRY 1219.2		0.000
1353.3	18.3	FX080483	MVVW	VOLC	AS ENTRY 1219.2		0.000
1371.6	18.3	FX080484	MVVW	VOLC	AS ENTRY 1219.2		0.000
1386.8	15.2	FX080485	MVVW	VOLC	AS ENTRY 1219.2		0.000
1402.1	15.3	FX080486	MVVW	VOLC	AS ENTRY 1219.2		0.000
1417.3	15.2	FX080487	MVVW	VOLC	AS ENTRY 1219.2		0.000
1435.6	18.3	FX080488	MVVW	VOLC	AS ENTRY 1219.2		0.000
1450.8	15.2	FX080489	MVW	VOLC	VFG-FG LAM VOLCS OR VOLCCLASTICS. BLUE GY TO GN TO LT GY. ALL SOFT, MOST LAMINATED. LAMS = FLOW BANDING OR TUFFACEOUS BEDDING, ORIENTATION 50-70 DEG TCA, 70 DEG MOST COMMON. PY 3% OVERALL, LOCALLY TO 5%, ON FRACTURE SURFACES. ENTIRE INTERVAL V WELL BEDDED, THIS IS DISTINCTIVE.		0.000

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG	AU
					W MINOR CALCITE VNNG. ALSO QTZ. AU POTENTIAL UNKNOWN.		
1469.4	18.6	FX080490	MVW	VOLC	AS ENTRY 1450.8		0.000
1490.5	21.1	FX080491	MVW	VOLC	AS ENTRY 1450.8		0.000
1492.0	1.5	FX080492	MVVW	DIKE	DK FG BASALT DIKE WITH CHILL MARGINS @ 8 CM THICK. @ 45 DEG TCA.		0.000
1508.8	16.8	FX080493	MVW	VOLC	AS ENTRY 1450.8		0.000
1524.0	15.2	FX080494	MVW	VOLC	AS ENTRY 1450.8		0.000
1539.2	15.2	FX080495	MVW	VOLC	AS ENTRY 1450.8		0.000
1554.5	15.3	FX080496	MVW	VOLC	AS ENTRY 1450.8		0.000
					FOOT OF HOLE		

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..AU

BOREHOLE SUMMARY

FOOTAGE	MNZN	ROCK
0000.0	MVVW	
0022.9	MVVW	OB
0048.5	MVVW	VOLC
0056.1	MVVW	FRAC
0127.4	MVVW	VOLC
0145.4	MVVW	CHRT
0148.7	MVVW	SLCS
0157.0	MVVW	CHRT
0165.8	MVW	CHRT
0311.2	MVVW	CHRT
0313.9	MVVW	BX
0371.5	MVVW	CHRT
0376.7	MVVW	BX
0499.6	MVVW	CHRT
0509.7	MVVW	BX
0518.8	MVVW	CHRT
1435.6	MVVW	VOLC
1490.5	MVW	VOLC
1492.0	MVVW	DIKE
1554.5	MVW	VOLC

BOREHOLE RECORD

DATE PROCESSED AUG 08,1981

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH BEARING	DIP	ELEVATION	LATITUDE DEPARTURE	
				GRID						CHK'D.....
38877-0	BATEAUX	103 F 1W			01524	215 00 215 00	-45 00	0140	N000685 W000615	DATE.....

LOGGED BY....Y.A.JONES STARTED....MAY 10,1981 COMPLETED....MAY 13,1981 ASSAY FOR....AU

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP
1524		-45 24									

COMMENTS

ALL DEPTHS IN DECIMETRES(.1 METRE). DRILLED BQ BY DRILCOR HYDRA WINK ON BATEAUX CLAIM. CASING PULLED. AU ASSAYS BY BONDAR,CLEGG (VANCOUVER). CORE STORED ON SITE. ELEVATION BY ALTIMETER ONLY. ELEVATION IN METRES ASL. AU ASSAYED IN OZ PER TON. DRILLED TO UNDERCUT MINERALIZED OUTCROP.

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG	AU
0000.0	0.0		MVVW		COLLAR		
0029.3	29.3		MVVW	OB	OVERBURDEN. IX FEET BW CASING.		
0061.0	31.7	FX080134	MVVW	LS	LT-DK GY LIMESTONE. INTERVAL 25-35% WHT CALCITE VNNG. NO PREFERRED ORIENTATION. IRREGULAR CARBONACEOUS PARTINGS PROB REPRESENT SURFACES AT WHICH SOLUTION HAS TAKEN PLACE. SHORT SECTIONS CORE MISSING = SOLUTION CAVITIES. LS IS FG.	0.000	
0091.4	30.4	FX080135	MVVW	LS	AS PREV ENTRY	0.000	
0110.6	19.2	FX080136	MVVW	LS	AS ENTRY 61.0	0.000	
0114.3	3.7			LC	MISSING CORE, SOLUTION CAVITY		
0138.4	24.1	FX080137	MVVW	LS	AS ENTRY 61.0, POSS INDICATION BEDDING @ 35 DEG TCA, CONSISTS CHANGE IN LS LITHOLOGY & DEGREE OF VNNG.	0.000	
0143.3	4.9			LC	MISSING CORE, SOLUTION CAVITY		
0182.0	38.7	FX080138	MVVW	LS	AS ENTRY 61.0	0.000	
0213.4	31.4	FX080139	MVVW	LS	AS ENTRY 61.0	0.000	
0233.5	20.1	FX080140	MVVW	LS	AS ENTRY 61.0	0.000	
0242.6	9.1			LC	MISSING CORE - MISLATCH(Q)		
0254.8	12.2	FX080141	MVVW	CLAY	BROWN CLAY SEAM	0.000	
0272.2	17.4	FX080142	MVVW	LS	AS ENTRY 61.0	0.000	
0274.9	2.7	FX080143	MVVW	VOLC	F-MG SHEARED ALTERED VOLC. VERY SOFT . DISTINCTIVE ALTERNATING HEMATITE RED AND PALE GN ALTERATION. (SIMILAR TO SUB-ATHABASKA SS REGOLITH, N.SASK - TJT NO VIS SULF. CARB ALTERATION PRODUCTS COMMON. SHEARING & CALCITE VNNG @ 20-35 DEG TCA. UPPER 30 CM = BROKEN FRAGS (INCL SOME LS= GROUND CORE(Q) & CLAY.	0.000	
0280.4	5.5	FX080144	MVVW	VOLC	AS PREV ENTRY.	0.000	
0283.5	3.1	FX080145	MVVW	CLAY	CLAY GOUGE	0.000	
0289.6	6.1	FX080146	MVVW	VOLC	AS ENTRY 274.9	0.000	

DEPTH	LENGTH	SAMPLE#	M...	N ROCK	DESCRIPTION	ANG	AU
0298.7	9.1	FX080147	MVVW	AMPH	MG EG HIGHLY ALTERED IGN. TEXTURE INDICATES HIGHLY META AMPHIBOLITE. ALTERATION IS CARBONATE, CHLORITE. SPECIFIC SECTIONS DOMINANTLY GREEN OR HEMATITE RED. V SOFT.		0.000
0300.2	1.5	FX080148	MVVW	FLT	FAULT GOUGE		0.000
0301.4	1.2	FX080149	MVVW	AMPH	AS ENTRY 298.7		0.000
0306.3	4.9	FX080150	MVVW	AMPH	AS ENTRY 298.7, REDDISH ALT PREDOMINATES, SEVERAL FAULT OR SHEAR SURFACES @ 20 DEG TCA, WITH CALCITE.		0.002
0335.3	29.0	FX080151	MVVW	AMPH	AS ENTRY 298.7		0.000
0348.4	13.1	FX080152	MVVW	AMPH	AS ENTRY 298.7		0.000
0363.3	14.9	FX080153	MVVW	VOLC	LT GN FG BLOCKY INTERMED-BASIC VOLC. SOME CALCITE FILLED SHEARING @ 15-20 DEG TCA. SOME GOUGE AND LS CAVE. SOMEWHAT ALTERED.		0.000
0377.3	14.0	FX080154	MVVW	BX	LT GN SILICIFIED-CALCIFIED BXXIA ZONE. MINOR SULF TO 2-3% POSS V MINOR ARSENOPY. PERVASIVE SHEARING @ 30 DEG TCA. UPPER 30 CM FE STAINED. INTERVAL MAY CORRELATE WITH SILICIFIED OC'S AT SURFACE WHICH ARE ANOMALOUS FOR AU. SOME GOUGE-MUD LOWER 10 CM.		0.055
0407.2	29.9	FX080155	MVVW	VOLC	APHANITIC TO FINELY PORPHYRITIC ALTERED INTERMED-BASIC VOLC. VARIABLY EMERALD GN TO HEM RED. SOFT. SOME CALCITE VNNG. CARB ALTERATION COMMON. 1-2% FINELY DISSEM SULF. PERHAPS WEATHERS TO FG FELSITE AT SURFACE (Q)(Q)		0.000
0409.3	2.1	FX080156	MVVW	SHR	SHEAR ZONE WITH UNKNOWN BRIGHT ORANGE CARBONATE.		0.000
0412.7	3.4	FX080157	MVVW	VOLC	AS ENTRY 407.2		0.000
0442.0	29.3	FX080158	MVW	VOLC	GN-DK GN TO GY APHAN TO FINELY PORPHYR META VOLC. APPARENT PRIMARY TEXTURES SOME PORTIONS (GRADED BEDDING, ETC), OTHER PORTIONS MASSIVE, FEATURELESS. BLEBS PY 1-2%. LT GN RETROGRADED PHENOCRYSTS - LEUCOX(Q) INTERVAL = METABASALT(Q)UPPER 30 CM EXHIBITS SOME BXXIATION, HEALED WITH QTZ.		0.000
0472.4	30.4	FX080159	MVW	VOLC	AS PREV ENTRY		0.000
0495.9	23.5	FX080160	MVW	VOLC	AS PORPHYRITIC FACIES ENTRY 442.0, BUT SHEARED, MINOR BXXIATION. SHEARING 0-30 DEG TCA. CARB, CHLOR ALTERATION NR SHEARED SECTIONS. 1-2% SULF ONLY. LOWER 1 M QUITE BLOCKY.		0.010
0511.1	15.2	FX080161	MVW	BX	SILICIFIED BXXIA ZONE - FAULT(Q) TWO TYPES TEXTURE = (1) ANGULAR CHLORITIZED VOLC FRAGS & CHERTY FRAGS IN A GY CHLORITIC MATRIX (2) GY FINELY LAMINATED ANGULAR FRAGS IN A CG QTZ MATRIX. FRAGS ALIGNED PARALLE TCA.		0.190

DEPTH	LENGTH	SAMPLE#	MN.N	ROCK	DESCRIPTION	ANG	AU
					ALMOST IN SITU. QTZ XTALS UP TO 1 CM LONG HAVE NUCLEATE ON LAMINATED FRAGS. VISUAL IMPRESSION ENTIRE ßXXIA ZONE ONLY 10-30 CM THICK, ALIGNED (SAY) 15 DEG TCA. SULFIDES 5-6% IN FRAGS, MAY BE MUCH HIGHER. CORRESPONDS TO FLOAT FOUND AT SURFACE NR LS-VOLC CONTACT - ANOMALOUS AU SAMPLES FOUND NEARBY.		
0543.2	32.1	FX080162	MVW	VOLC	FINELY PORPHYRITIC META BASIC VOLC. LEUCOXENE(Q) V MINOR BLEBBY SULF. CALCITE VEINS.		0.011
0565.4	22.2	FX080163	MVW	VOLC	LT GN SILICEOUS META VOLC. EITHER ACID VOLC OR SILICIFIED INTERMED VOLC. LOWER 30 CM MAY BE SILICIFIED LITHIC TUFF. PY 2-3% AS DISSEM BLEBS . SOME QTZ AS SMALL XTALS (LT 5 MM) ON WALLS OF FRACS.		0.003
0593.4	28.0	FX080164	MVW	VOLC	VARIOUS META INTERMED VOLCS. MUCH CHLORITE, ROCK QUITE SOFT. F-MG, UPPER 2 M FOLIATED(SHRD) @ 40-45 DEG TCA. SOME PORTIONS HAVE BEEN SILICIFIED. 2-3% PY.		0.015
0608.1	14.7	FX080165	MVW	VOLC	AS PREV ENTRY		0.000
0611.1	3.0	FX080166	MVW	VOLC	AS ENTRY 593.4		0.000
0623.0	11.9	FX080167	MVW	VOLC	AS ENTRY 593.4		0.006
0655.3	32.3	FX080168	MVW	VOLC	LT GY TO LT GN SILICEOUS VOLC - EITHER SILICIFIED INTERMED VOLC OR (MORE LIKELY) FELSIC OR ACIDIC VOLC. NOT MUCH ßXXIATION, VNNG. 3-6% DISSEM SULF. (PROTO-ORE(Q)). SOM INDICATION OF A POORLY DEVELOPED FOL'N @ 45 ← 10 DEG TCA.		0.013
0678.2	22.9	FX080169	MVW	VOLC	AS PREV ENTRY		0.000
0684.6	6.4	FX080170	MVW	DK	MG EG BASIC IGNEOUS - DIKE(Q),CENTER OF FLOW(Q) SULF TO 5-6%. CHLORITIC ALTERATION.		0.000
0692.8	8.2	FX080171	MVW	VOLC	META INTERMED-BASIC VOLC FLOWS 4 PILLOWS (INDICATED BY QUENCH TEXTURES). FINELY CONTORTED LAMINATIONS IN SOME MAFIC PORTIONS - FLOW BANDING(Q)A BT GN MINERAL COMMON, ESP AT OR NEAR QUENCH MARGINS. DISSEM BLEBBY PY THROUGHOUT, SAY 2%. LOCALLY TO 3-4% OR MORE. MOST LAMS @ 65-80 DEG TCA		0.006
0697.1	4.3	FX080172	MVW	VOLC	AS PREV ENTRY, BT GN MINERAL PROMINENT		0.002
0700.4	3.3	FX080173	MVW	VOLC	AS ENTRY 692.8, SILICIFIED INTERVAL, LAMS @ 50 DEG TCA, PY 6-8% ALONG FOL'N.		0.002
0703.5	3.1	FX080174	MVW	VOLC	AS ENTRY 692.8, FINELY LAM SILICEOUS INTERVAL W BRIGHT GN MINERAL. PY VP TO 10% AS MASS FRAC FILLINGS.		0.000
0711.1	7.6	FX080175	MW	VOLC	AS ENTRY 692.8, QUENCH TEXTURE, 10-		0.000

DEPTH	LENGTH	SAMPLE#	MAIN	ROCK	DESCRIPTION	ANG	AU
					12% PY AS MASS FRAC FILLINGS. BLEACHED APPEARANCE.		
0715.1	4.0	FX080176	MVW	VOLC	AS ENTRY 692.8, FINELY LAMINATED SILICEOUS, 3-4% ALONG LAMINATIONS.		0.000
0743.4	28.3	FX080177	MVW	VOLC	AS ENTRY 692.8		0.000
0777.2	33.8	FX080178	MVW	VOLC	AS ENTRY 692.8		0.003
0807.7	30.5	FX080179	MVW	VOLC	AS ENTRY 692.8		0.000
0832.1	24.4	FX080180	MVW	VOLC	AS ENTRY 692.8		0.000
0851.6	19.5	FX080181	MVW	VOLC	AS ENTRY 692.8		0.000
0877.2	25.6	FX080182	MVW	SLCS	V SILICEOUS INTERVAL. LT GY TO LT GN . LOOKS MASS, BUT WOULD PROB SHOW LAMS ON WEATHERED SURFACE. ACIDIC VOLC INTERLAYER OR CHEM CHERT. GHOST LAMS @ 45 DEG TCA. DISSEM PY TO 3-4%		0.000
0888.5	11.3	FX080183	MVW	SLCS	AS PREV ENTRY		0.000
0920.5	32.0	FX080184	MVW	VOLC	VARIOUS FELSIC-INTERMED META VOLCS. ALL V HARD, LT GY, VARIABLY FINELY LAMINATED TO FINELY PORPHYRITIC. 2-3% PY OVERALL, LOCALLY TO 4-5%. DISSEM. LAMS @ 30-65 DEG TCA, 55-65 DEG MOST COMMON.		0.002
0951.9	31.4	FX080185	MVW	VOLC	AS PREV ENTRY		0.000
0981.5	29.6	FX080186	MVW	VOLC	AS ENTRY 920.5		0.000
1012.5	31.0	FX080187	MVW	VOLC	AS ENTRY 920.5		0.003
1015.6	3.1	FX080188	MVW	VOLC	AS ENTRY 920.5, BUT V SILICEOUS. CLOUDY QTZ HAS INVADED ROCK(Q)		0.000
1048.5	32.9	FX080189	MVW	VOLC	AS ENTRY 920.5		0.002
1083.6	35.1	FX080190	MVW	VOLC	AS ENTRY 920.5		0.000
1109.8	26.2	FX080191	MVVW	VOLC	V SILICEOUS INTERVAL, GY FG ACID VOLCS OR CHEMICAL CHERT. LOW IN SULF . 30-75 CM AUTO-BXXIATION IN CENTRAL PORTION, RE-CEMENTED W SILICA.		0.000
1143.0	33.2	FX080192	MVW	VOLC	NONDESCRIPT LT GY FG INTERMED VOLC, NOT SILICEOUS.		0.000
1173.5	30.5	FX080193	MVVW	VOLC	AS PREV ENTRY		0.004
1186.3	12.8	FX080194	MVVW	VOLC	AS ENTRY 1143.0		0.000
1215.5	29.2	FX080195	MVVW	VOLC	AS ENTRY 1143.0		0.002
1219.2	3.7	FX080195	MVW	VOLC	V SILICEOUS GY FG ACID VOLCS OR CHEM CHERT. WELL DEVELOPED LAMS, @ 40 DEG TCA ONE LOCATION. SULF TO 3-4%, LOCAL CONC TO 5-6% ALONG FRACS IN OTHERWISE MASSIVE SECTIONS		0.002
1249.4	30.2	FX080196	MVW	VOLC	AS PREV ENTRY		0.003
1274.1	24.7	FX080197	MVW	VOLC	WELL LAMINATED FELSIC-INTERMED VOLCS , SOME EVIDENCE OF FRACTURING. PY LT 1%. LAMS COMMONLY @ 30-40 DEG TCA.		0.011
1295.4	21.3	FX080198	MVW	VOLC	AS PREV ENTRY		0.011
1325.9	30.5	FX080199	MVW	VOLC	SILICIFIED LT GY VOLC. AUTO-BXXIATED TEXT (Q)-RE-CEMENTED W SILICA. SULF LT 1%. INTERVAL COULD REPRESENT MORE COMPETENT FLOW OR DEP WHICH HAS BEEN FRACTURE BY INTRUSION OF NEAR-BY QTZDIOR-GDIOR MASS. SOME FAULTING OR JOINTING UPPER 2 M, SOME MUDDY GOUGE(Q).		0.002

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG	AU
1352.1	26.2	FX080200	MVW	VOLC	AS PREV ENTRY		0.000
1383.8	31.7	FX080401	MVW	AMPH	MG EG AMPHIBOLITE, PROB CONTACT META BASIC VOLC, W SOME MORE SILICEOUS INTERBEDS. VARIABLY BK&WHT TO GN&WHT SALT & PEPPER TEXT. QTZ VEINS, SOME WITH UNKNWN REDDISH MINERAL . RED MIN'L AMORPH TO CRYPTOXTALLINE. TEXTURE AND GRAIN SIZE THIS INTERVAL PROB REFLECTS PROXIMITY TO GDIOR INTRUSIVE. PY 1-2% OVERALL, LOCALLY TO 5-6%		0.000
1414.1	30.3	FX080402	MVW	AMPH	AS PREV ENTRY		0.000
1422.5	8.4	FX080403	MVW	AMPH	SIMILAR TO ENTRY 1383.8, BUT MUCH BT GN ALTERATION, MORE QTZ VEINING, PY TO 6-8%. REDDISH MIN IN QTZ VEINS MAY BE OXIDIZED PY.		0.000
1453.9	31.4	FX080404	MVVW	VOLC	FG DK GN TO BK VOLC, PROB REPRESENTS LESS META EQUIV INTERVAL 1383.8. MINOR PY ONLY, MINOR QTZ VEINING.		0.000
1484.4	30.5	FX080405	MVVW	VOLC	AS PREV ENTRY		0.000
1508.8	24.4	FX080406	MVVW	VOLC	AS ENTRY 1453.9		0.000
1524.0	15.2	FX080407	MVVW	VOLC	AS ENTRY 1453.9		0.000
					FOOT OF HOLE'		

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..AU

BOREHOLE SUMMARY
****

FOOTAGE	MNZN	ROCK
0000.0	MVVW	
0029.3	MVVW	OB
0110.6	MVVW	LS
0114.3		LC
0138.4	MVVW	LS
0143.3		LC
0233.5	MVVW	LS
0242.6		LC
0254.8	MVVW	CLAY
0272.2	MVVW	LS
0280.4	MVVW	VOLC
0283.5	MVVW	CLAY
0289.6	MVVW	VOLC
0298.7	MVVW	AMPH
0300.2	MVVW	FLT
0348.4	MVVW	AMPH
0363.3	MVVW	VOLC
0377.3	MVVW	BX
0407.2	MVVW	VOLC
0409.3	MVVW	SHR
0412.7	MVVW	VOLC

0495.9	MVW	VOLC
0511.1	MVW	BX
0678.2	MVW	VOLC
0684.6	MVW	DK
0703.5	MVW	VOLC
0711.1	MW	VOLC
0851.6	MVW	VOLC
0888.5	MVW	SLCS
1083.6	MVW	VOLC
1215.5	MVVW	VOLC
1352.1	MVW	VOLC
1422.5	MVW	AMPH
1524.0	MVVW	VOLC

APPENDIX 'B'

NEUTRON ACTIVATION ANALYSIS - HUMUS SOIL SAMPLES

X-RAY ASSAY LABORATORIES 04-JUN-81 REPORT 11388 REF. FILE 7153-SR PAGE

SAMPLE	AU PPB
SX083001	3
SX083002	<1
SX083003	4
SX083004	5
SX083005	2
SX083006	<1
SX083007	<1
SX083008	2
SX083009	6
SX083010	2
SX083011	4
SX083012	2
SX083013	<1
SX083014	5
SX083015	<1
SX083016	2
SX083017	1
SX083018	<1
SX083019	<1
SX083020	2
SX083021	12
SX083022	3
SX083023	3
SX083024	<1
SX083025	<1
SX083026	3
SX083027	<1
SX083028	<1
SX083029	1
SX083030	<1
SX083031	2
SX083032	3
SX083033	2
SX083034	8
SX083035	2
SX083036	<1
SX083037	2
SX083038	1
SX083039	2
SX083040	4
SX083041	4
SX083042	1
SX083043	3
SX083044	1
SX083045	<1
SX083046	<1
SX083047	3
SX083048	1
SX083049	2
SX083050	2
SX083051	<1
SX083052	<1
SX083053	2
SX083054	<1
SX083055	3

SAMPLE	AU PPB
SX083056	<1
SX083057	<1
SX083058	1
SX083059	1
SX083060	2
SX083061	<1
SX083062	1
SX083063	<1
SX083064	<1
SX083065	4
SX083066	9

BONDAR-CLEGG & COMPANY LTD.
130 PEMBERTON AVE., NORTH VANCOUVER, B.C. V7P 2R5 PHONE: (604) 985-0681 TELEX: 04-352667

Geochemical Lab Report

FROM: CANADIAN NICKEL COMPANY SUBMITTED BY: TIM JONES

DATE: 05-AUG-81 PROJECT: 60814

ELEMENT	LOWER DETECTION LIMIT	EXTRACTION	METHOD	SIZE FRACTION	SAMPLE TYPE	SAMPLE PREPARATIONS
As	2 PPM	NITRIC PERCHLOR DIG	Colourimetric	-100	OTHER	CRUSH, PULVERIZE -100
Au	5 PPB	AQUA REGIA	Fire Assay AA	-100		RETENTION OF REJECTS

REPORT COPIES TO: CANADIAN NICKEL COMPANY
J.F. CHURCH

INVOICE TO: CANADIAN NICKEL COMPANY

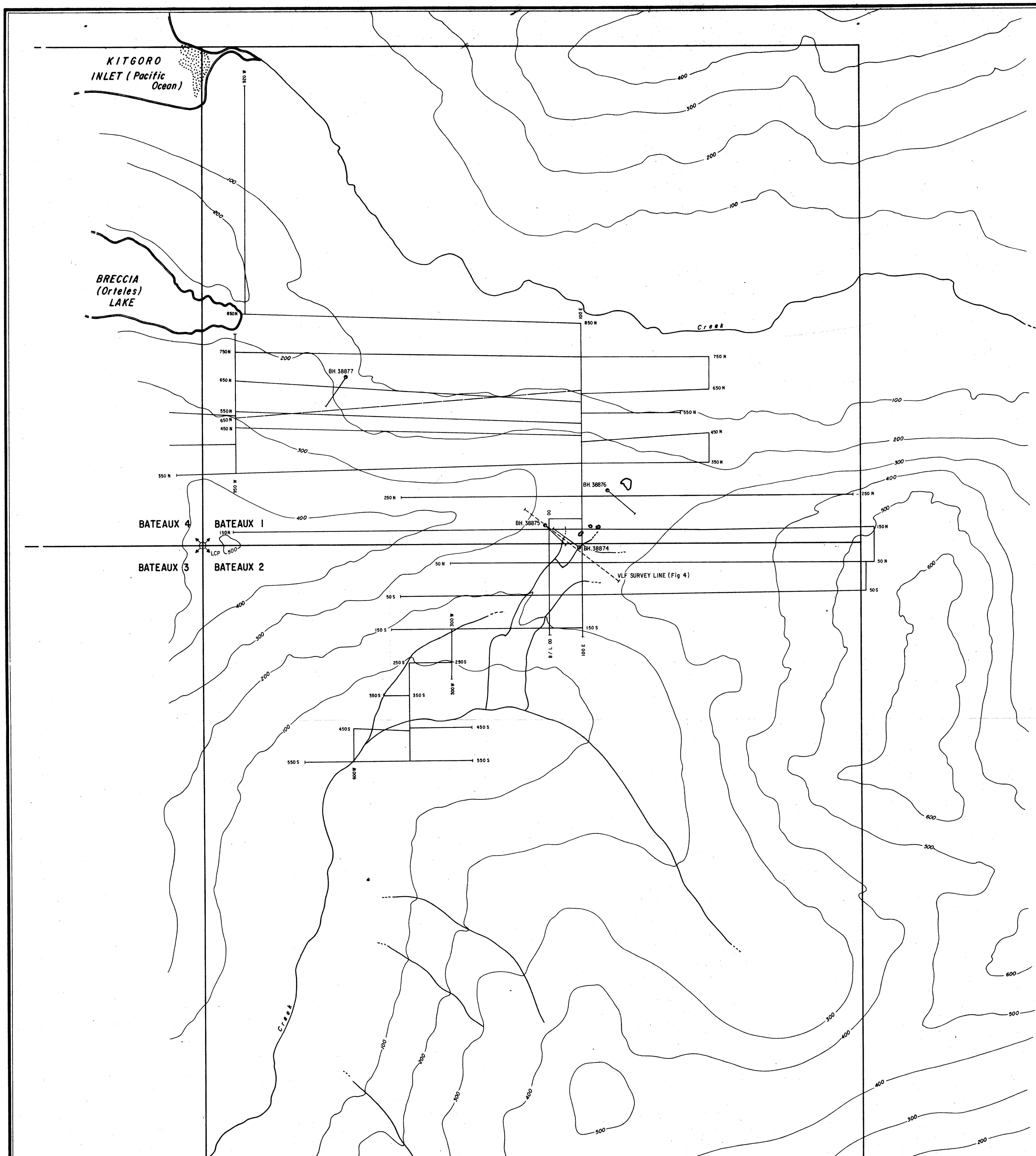
REMARKS: BATEAUX

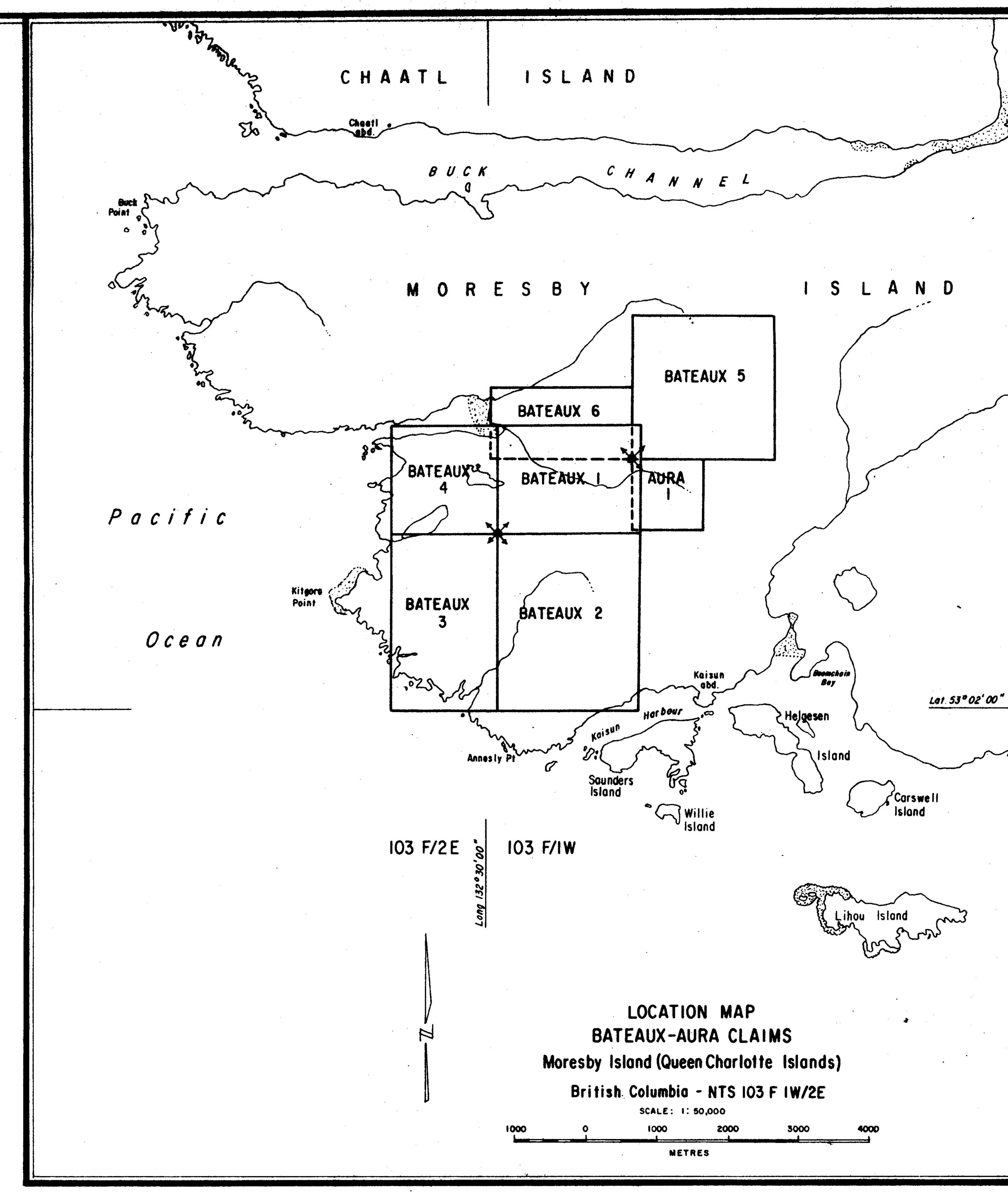
DETECTION LIMITS FOR GOLD
20 gram sample: 5 ppb.
10 gram sample: 10 ppb.
1 gram sample: 100 ppb.

Sample Wt. 20 g. unless otherwise stated.

NOTE:
Check concentration/sample weight ratio for effective detection level.

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Au PPB	NOTES
SX 65801	SOILS	2	ND	
SX 65802		8	ND	
SX 65803		2	ND	
RX 37201	ROCKS	10	ND	
RX 37202		5	ND	
RX 37203		2	ND	
RX 37204		3	ND	
RX 37205		2	ND	
RX 37206		ND	ND	





LEGEND

- Diamond Drill Hole Location, Number, Projected to surface (BH. 38875)
- Legal Claim Post Location and Claim Number. (LCP)
- VLF Survey Line Location
- Elevation Contour Line (200)
- Elevation Contour Interval ------ 100 Metres

SCALE

100 0 100 200 300 400 500

METRES

9458

Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1NO	
DIAMOND DRILL HOLE & GRID LOCATION MAP		SHEET 1	FIGURE 2
Project: BATEAUX CLAIMS OPTION		Area: MORESBY ISLAND, BRITISH COLUMBIA	
Supervisor: T.A. Jones	Instrument:	Survey date: April - June /81	
Compiled by: T.A. Jones	Drawn by: R.M.K.	Date drawn: Sept. /81.	Revised:
Scale: 1:5000	File:	N.T.S. 103 F 1W/2E	

Pacific Ocean

Kitgoro Inlet

MORESBY ISLAND

Kitgoro Pt.

Kaisun Harbour

Saunders Island

BATEAUX 6 | BATEAUX 5

BATEAUX 4 | BATEAUX 1

BATEAUX 3 | BATEAUX 2

AURA I

VALLEY GRID

SADDLE AREA

ANOMALY-C

See 1:5000 Scale (Fig. 2)

SURVEY LINE (Fig 4)

LCP

615 ±

87 ±

LEGEND

- 4 — Granitoid Intrusives ; granodiorite - granite
- 3 — Limestone ; massive gray-black limestone. Probable correlative of Kunga Formation or possible intercalation within Karmutsen Formation.
- 2 — Felsite ; massive to laminated f.g. felsic volcanics and tuffs. Includes minor amounts of cherty exhalitive sediments. Part of Karmutsen Formation.
- 1 — Basic - intermediate Volcanics ; basalt - andesite flows, derived amphibolite, minor gabbroic intrusives. Part of Karmutsen Formation

Geological contact - defined, assumed

Outcrop area, outcrop

Fault zone

Bedding - inclined, vertical, dip unknown, tops known

Foliation, schistosity, gneissosity - inclined, vertical, dip unknown.

Qtz vein, veinlet

RK 37205 $\frac{5}{12}$ x — Rock sample location, number and Assay values — Arsenic (As) in ppm. / Gold (Au) in ppb

SK 65801 $\frac{5}{10}$ x — Soil sample location, number and Assay values — Arsenic(As) in ppm / Gold (Au) in ppb

ND. — None Detected

BH 38875 — Diamond Drill Hole location and Number

LCP BATEAUX 2 — Legal Claim Post location and Claim Number.

1500 — Elevation Contour Line (elevations in feet)

Claim Boundary

Note: Geology shown on Bateaux Claims 1-4 taken from Canico 1980 mapping.

N

9458

SCALE

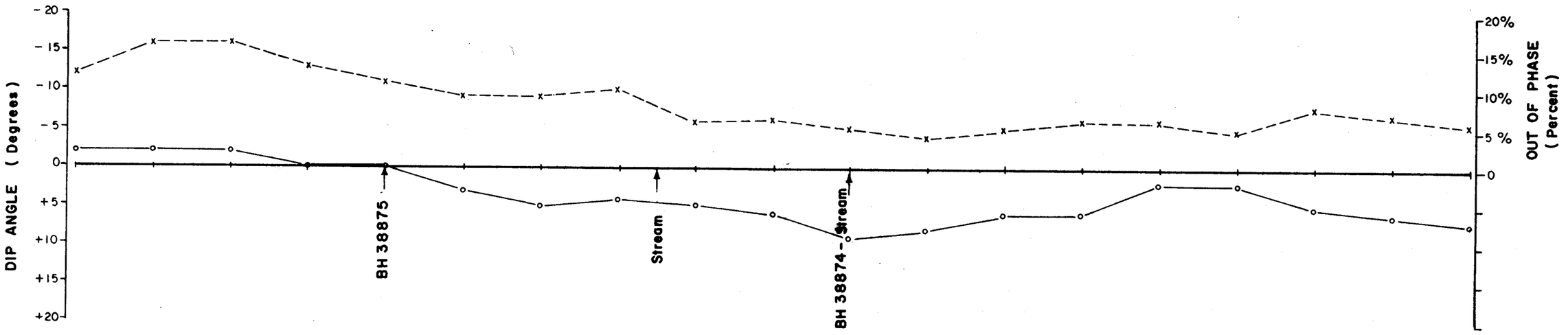
2000 0 2000 4000 6000 8000 10000

METRES

Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1NO	
GEOLOGICAL COMPILATION AND PROPERTY MAP		SHEET 1	FIGURE 3
Project: BATEAUX CLAIMS OPTION	Area: MORESBY ISLAND, BRITISH COLUMBIA		
Supervisor: T.A. Jones	Instrument:	Survey date: April - June/81	
Compiled by: T.A. Jones, S. Simigian	Drawn by: RMK	Date drawn: Sept./81	Revised:
Scale: 1: 10,000	File:	N.T.S. 103 F 1W/2E	

NW.

SE.



SLOPE AT SAMPLE SITE

9458

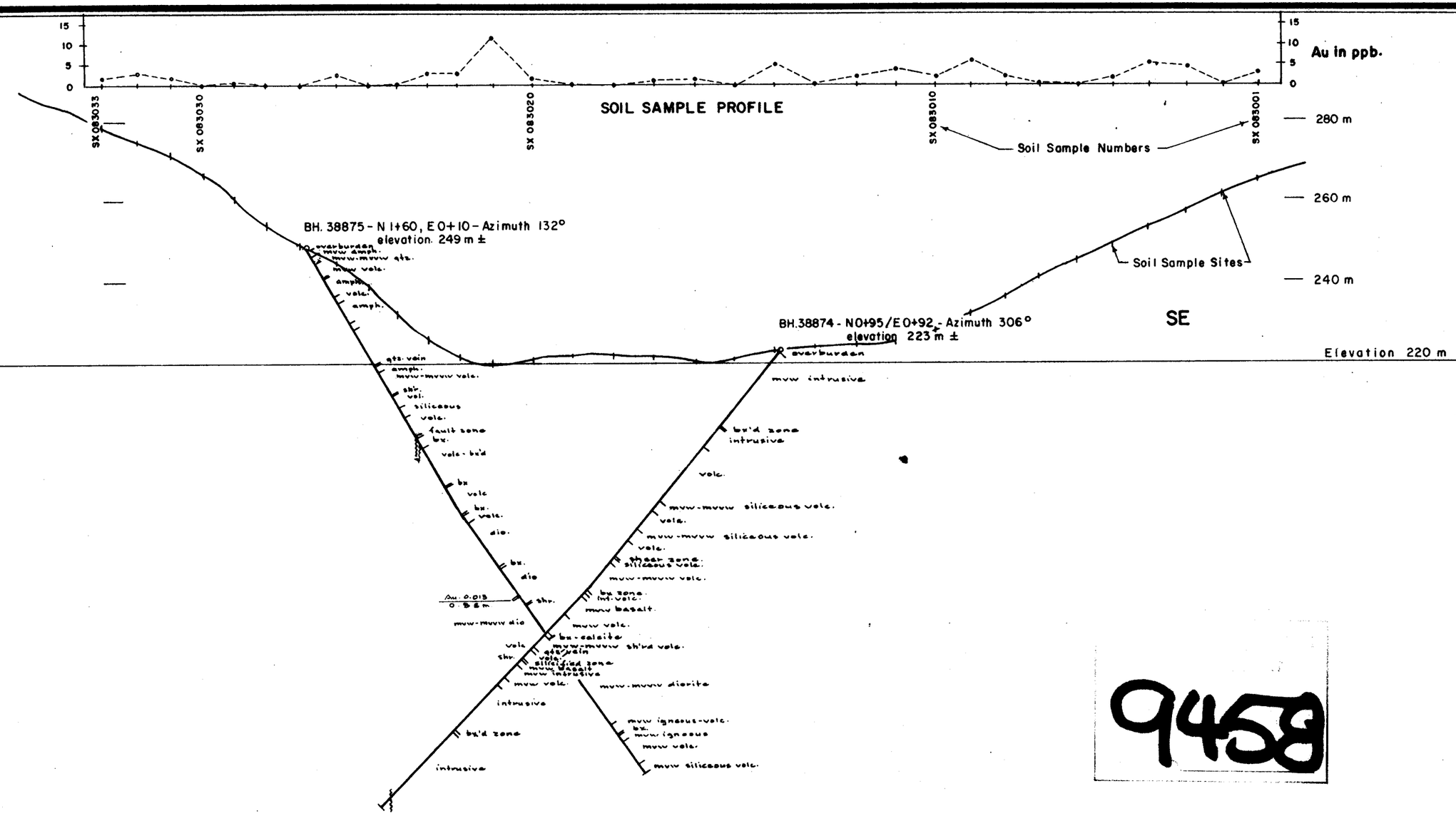
LEGEND

Dip Angle Profile ------ o——o

Out Of Phase Profile ------ x-----x

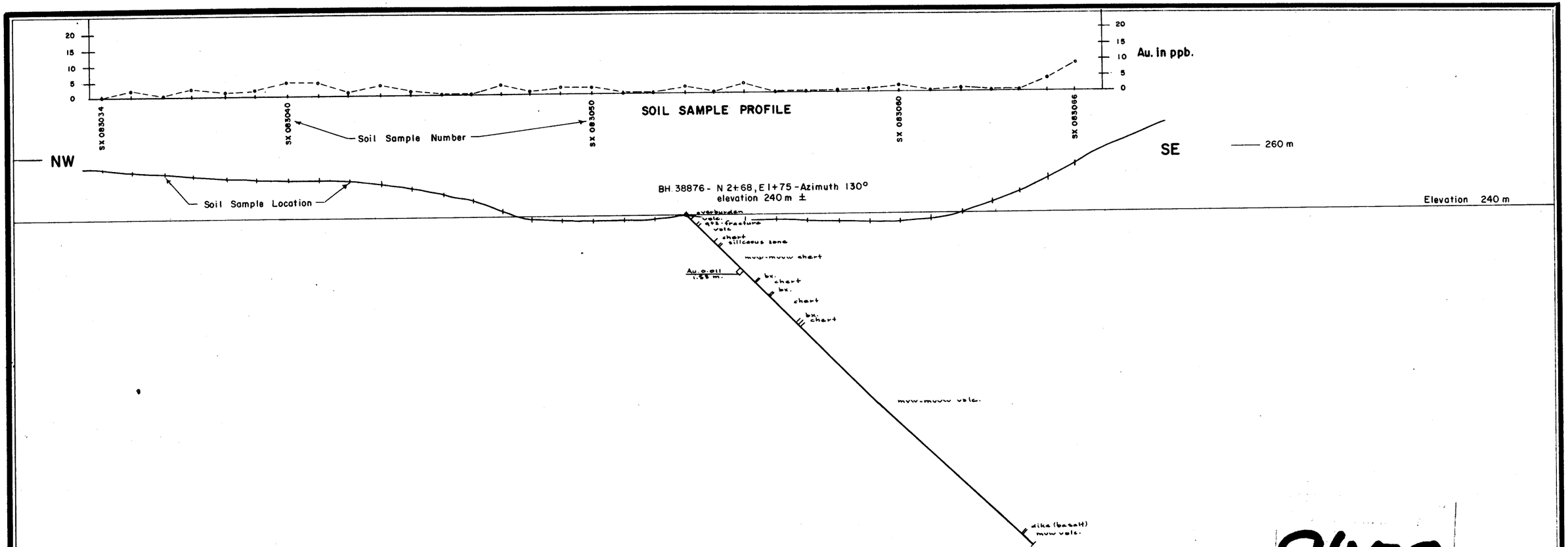
Tx Station Seattle Washington 18.6 KHz

Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1NO	
VLF EM. TRAVERSE (on line with BH. 38874-75)		SHEET 1	FIGURE 4
Project: BATEAUX CLAIMS OPTION	Area: MORESBY ISLAND, BRITISH COLUMBIA		
Supervisor. T.A. Jones	Instrument: Crone RADEM VLF Rec'r	Survey date: May 17/81	
Compiled by: T.A. Jones	Drawn by: R M K	Date drawn: Sept./81	Revised:
Scale: 1:1000	File:	N.T.S. 103 F/1 W	



9458

Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1NO	
BH. 38874 & BH. 38875 DRILL SECTION & SOIL GEOCHEM PROFILE		SHEET 1	FIGURE 5
Project: BATEAUX CLAIMS OPTION		Area: MORESBY ISLAND, BRITISH COLUMBIA	
Supervisor: T. A. Jones	Instrument:	Survey date: April - May / 81	
Compiled by: T. A. Jones	Drawn by: RMK.	Date drawn: Sept / 81	Revised:
Scale: 1:1000	File:	N.T.S. 103 F 1/W	



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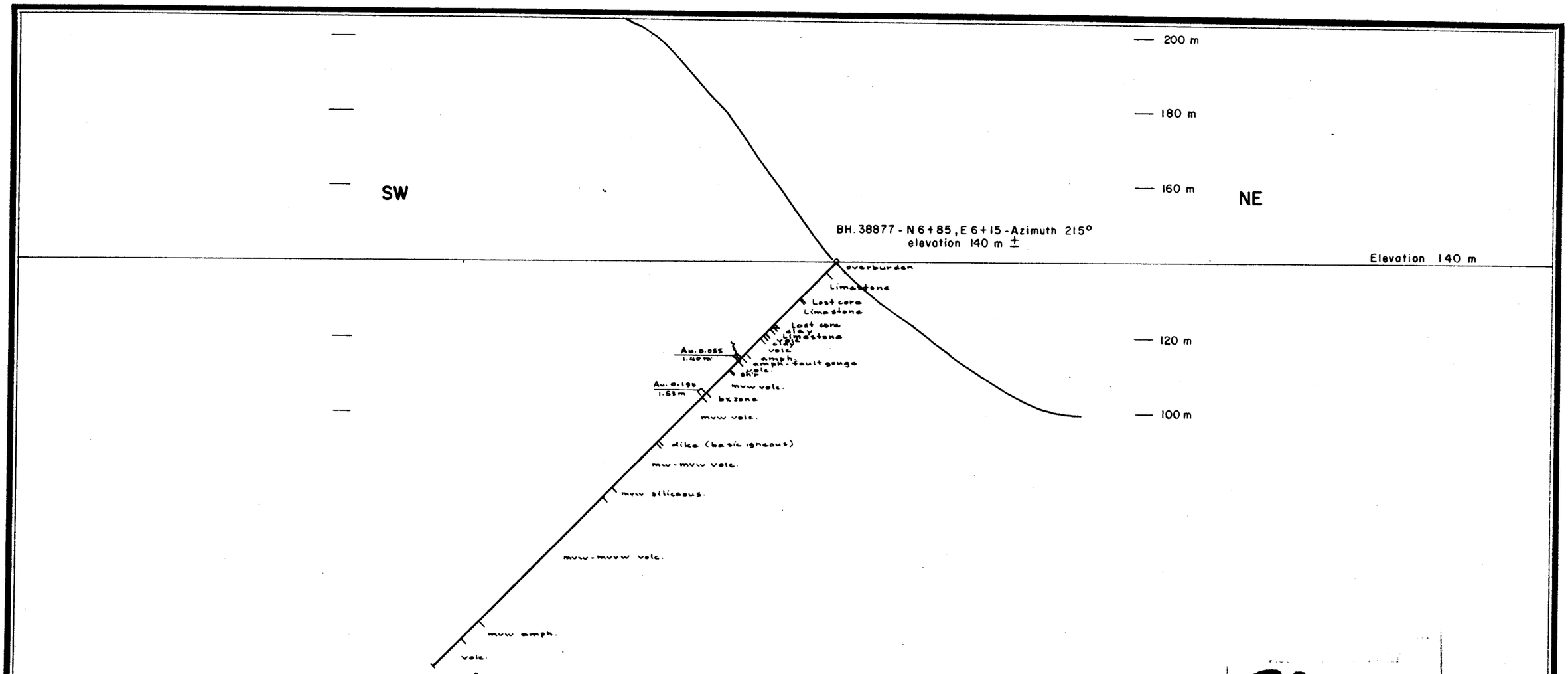
Canadian Nickel Company Limited — Copper Cliff, Ontario POM 1N0			
BH. 38876 DRILL SECTION & SOIL GEOCHEM PROFILE		SHEET 2	FIGURE 5a
Project: BATEAUX CLAIM OPTION	Area: MORESBY ISLAND, BRITISH COLUMBIA		
Supervisor: T.A. Jones	Instrument:	Survey date: May / 81	
Compiled by: T.A. Jones	Drawn by: RMK	Date drawn: Sept. / 81	Revised:
Scale: 1 : 1000	File:	N.T.S. 103 F 1 / W	



9458
NO.

Canadian Nickel Company Limited	Copper Cliff, Ontario POM INO	
BH. 38877 DRILL SECTION	SHEET 3	FIGURE 5b
Project: BATEAUX CLAIMS OPTION	Area: MORESBY ISLAND, BRITISH COLUMBIA	
Supervisor: T.A. Jones	Instrument:	Survey date: May/81
Compiled by: T.A. Jones	Drawn by: RMK.	Date drawn: Sept/81 / Revised:
Scale: 1:1000	File:	N.T.S. 103 F 1/W