MAP NO: 116A/10

ASSESSMENT REPORT: X

PROSPECTUS:

CONFIDENTIAL: X

OPEN FILE:

DOCUMENT NO: 093228

MINING DISTRICT: Mayo

TYPE OF WORK: Diamond Drilling

REPORT FILED UNDER: Inco Exploration and Technical Services Inc.

DATE PERFORMED: August 10-19, 1994

DATE FILED: November 28, 1994

LATITUDE: 64 39N

AREA: Hart River

LONGITUDE: 136 50W

VALUE: $1200

CLAIM NAME AND #: Core 1-3

WORK DONE BY: Dennis Bohme

WORK DONE FOR: Inco Exploration and Technical Services Inc.

DATE TO GOOD STANDING	

REMARKS: Drill Hole 87026 was drilled on the Core 3 claim to test an east-west trending electromagnetic anomaly known as Conductor "M3" for massive sulphide mineralization similar to that hosted in the Mark deposit located approximately 700 meters to the east. The hole intersected weakly anomalous zinc values associated with thin pyrite-rich veinlets in very carbonaceous argillite. The highest value was 628 ppm over 1.07 meters.

Indian and Northern Affairs Canada | Affaires indiennes et du Nord Canada

M.R. file no.

R.M.M.R. file no.

Date forwarded 28 Nov. 94

TRANSMITTAL FORM

From ▶ Mining Recorder at: Mayo

To ▶ Regional Manager, Mineral Rights at Whitehorse, Y.T.

For action are:

- ☐ NEW APPLICATION FOR PLACER LEASE TO PROSPECT — Name
- ☐ RENEWAL APPLICATION PLACER LEASE TO PROSPECT — Name — Lease no.
- ☐ AFFIDAVIT OF EXPENDITURE ON PLACER LEASE — Name — Lease no.
- ☐ SECURITY DEPOSIT
- ☐ FINANCIAL ABILITY
- ☐ ASSIGNMENT OF PLACER LEASE NO. — From — To
- ☐ GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT. — Owner
- ☑ DIAMOND DRILL LOGS — Claims: Core 1-3 — Claim sheet no.: 116-A-10
- ☐ QUARTZ ASSESSMENT REPORT — Claims — Claim sheet no.
  - Type of report — Submitted by
  - Cls. work performed on — $ req. for ren. application

Please return one copy of numbers, report and Index Cards for our files. Thank You.

J. Graham
Signature

Date returned

REPLY ACTION

Signature

802-37 (7-88)

HART RIVER PROJECT

MAYO MINING DISTRICT, YUKON

N.T.S. 116A/10

DIAMOND DRILL REPORT FOR CLAIMS:

Core 1 - YO 77560
Core 2 - YO 77561
Core 3 - YO 77562

Work period: August 10 - August 19, 1994

Latitude 64°39'N Longitude 136°50'

Dennis M. Bohme, P.Eng.

Inco Exploration and Technical Services Inc.

November 17, 1994

TABLE OF CONTENTS

LIST OF FIGURES

APPENDICES

INTRODUCTION

Inco Ltd. (Inco) staked 40 Arm claims in November 1992 to cover favourable stratigraphy adjacent to the Mark and Core claims held by Calypso Developments Ltd. (Calypso). Calypso's property covers the Mark Deposit (about 500,000 tons grading 3.65% Zn, 0.87% Pb, 1.45% Cu, 1.45 oz/ton Ag and 0.04 oz/ton Au). On January 2, 1993, Inco and Calypso entered into an agreement which grants Inco an option to purchase the Mark and Core claim group.

During the summer of 1993, Inco conducted electromagnetic (EM-37) and magnetic surveys, surface mapping/sampling and a 5-hole diamond drill program totalling 1556.1 metres. Four additional claims (Arm 41 - 44) were staked in August.

In 1994, Inco conducted electromagnetic (max-min) and magnetic surveys and a 5-hole diamond drill program totalling 1652 metres. The Arm 45 - 85 claims were staked in July.

This report refers specifically to diamond drill hole 87026 which was collared on the Core 3 claim.

Location and Access

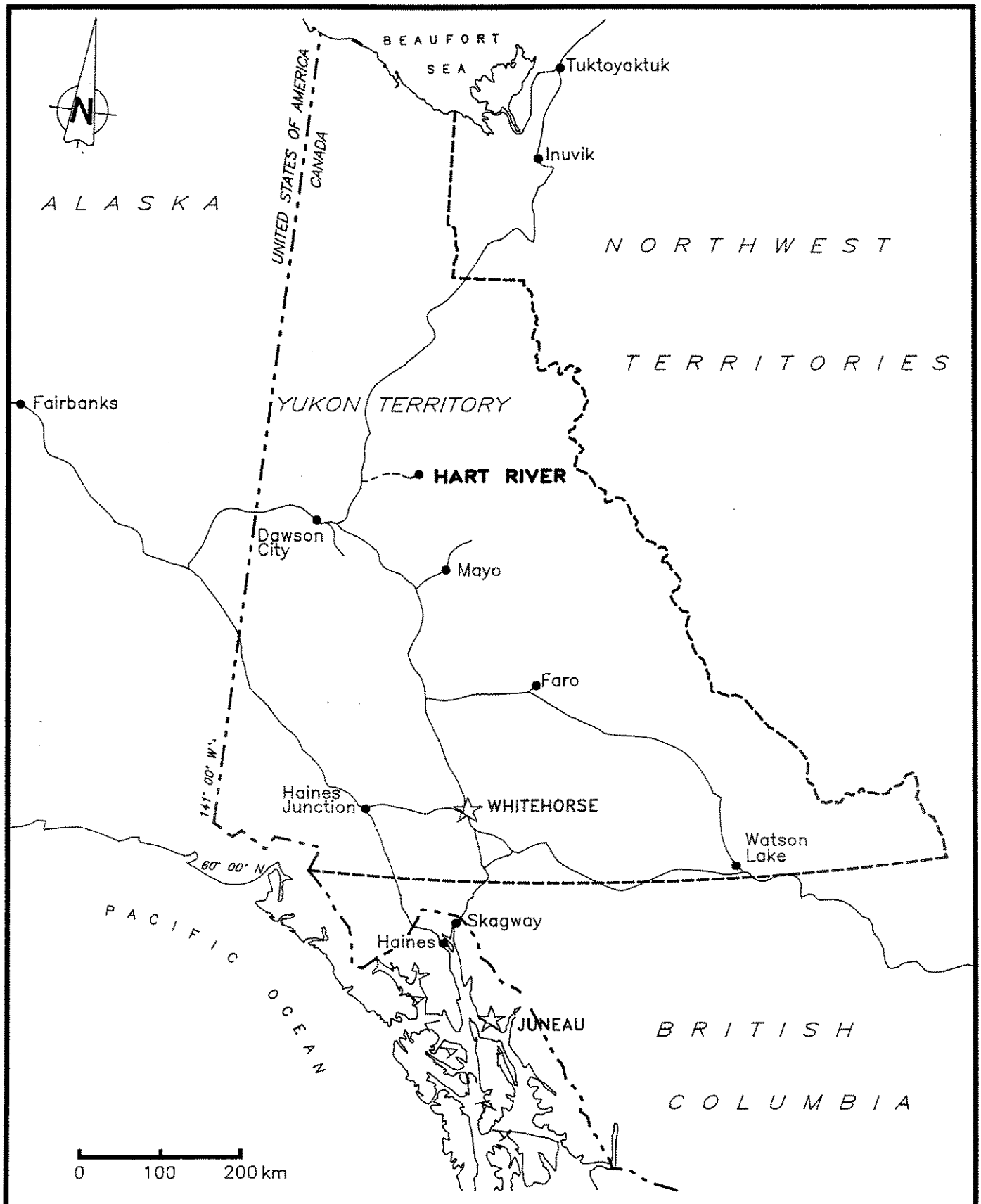
The Hart River property is located at latitude 64° 39′ N and longitude 136° 50′ W on Mark Creek, a northerly flowing tributary of Hart River (Figure 1). The property is 140 kilometres northeast of Dawson City and 120 kilometres northwest of Mayo in the Ogilvie Mountains.

The property is accessible by helicopter or by small fixed-wing aircraft to a gravel airstrip with a maximum useable length of 500 metres. The airstrip was used regularly by a Cessna 206 and several mob-demob trips were also made by Single Otter and Pilatus Porter aircraft. Takeoff payload is limited to about half of the normal limit due to the elevation and length of the airstrip.

Adequate water is available in Mark Creek for the camp and drill. A 10-person tent camp was constructed along the east side of the airstrip.

Property Status

The property consists of 96 claims and the entire claim group is wholly owned by Inco Limited (Figure 2). Pending the acceptance of this report, the Core 1 - 3 claims will be in good standing until 2006.

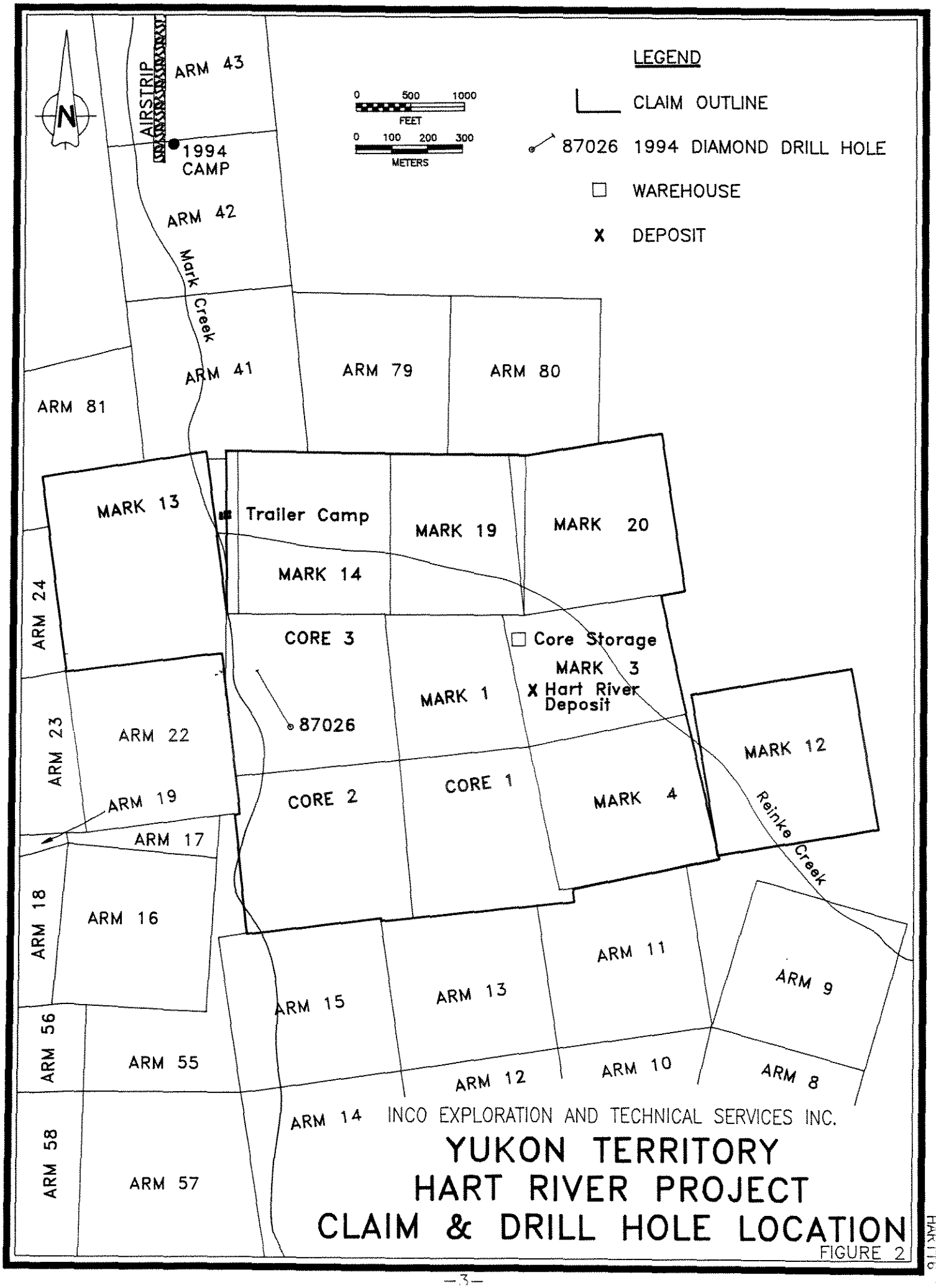


INCO EXPLORATION AND TECHNICAL SERVICES INC.

YUKON TERRITORY
HART RIVER PROPERTY
LOCATION MAP

FIGURE 1

HAR0003


N
AIRSTRIP
ARM 43
1994 CAMP
ARM 42
Mark Creek
ARM 41
ARM 79
ARM 80
ARM 81
MARK 13
Trailer Camp
MARK 19
MARK 20
MARK 14
ARM 24
CORE 3
Core Storage
MARK 3
MARK 1
X Hart River Deposit
87026
ARM 22
ARM 23
MARK 12
ARM 19
CORE 2
CORE 1
MARK 4
Reinke Creek
ARM 17
ARM 18
ARM 16
ARM 15
ARM 13
ARM 11
ARM 9
ARM 56
ARM 55
ARM 12
ARM 10
ARM 8
ARM 14
ARM 58
ARM 57
0 500 1000
FEET
0 100 200 300
METERS
LEGEND
CLAIM OUTLINE
87026 1994 DIAMOND DRILL HOLE
WAREHOUSE
X DEPOSIT
INCO EXPLORATION AND TECHNICAL SERVICES INC.
YUKON TERRITORY
HART RIVER PROJECT
CLAIM & DRILL HOLE LOCATION
FIGURE 2
HART 116

REGIONAL GEOLOGY

The regional geology of the Hart River area is described in Open File 1992-2 (Abbott and Roots, 1992). In this portion of the Ogilvie Mountains, an east-southeast trending sequence of Proterozoic rocks is exposed in a window surrounded by much younger rocks of Lower Paleozoic age. The lenticular window is about 80 km long and 32 km wide, and exposes three Proterozoic rock packages separated by angular unconformities: the Windermere Supergroup, the Fifteen Mile Group, and the Wernecke Supergroup. A gabbro/diorite sill complex intrudes the Wernecke Supergroup assemblage.

The Wernecke Supergroup consists of the Quartet Group of shale, siltstone and sandstone up to 2400 metre thick that is overlain by the Gillespie Lake Group of dolomite, argillite, and basalt. The Gillespie Lake Group consists predominantly of dolomite but locally on the Hart River property, it also includes argillite with intercalated mafic sills and tuff. The argillite-volcanic package is about 600 metre thick and is the host of the Hart River massive sulphide (Mark Deposit). Overlying the argillite is more dolomite.

DIAMOND DRILLING

The purpose of drill hole 87026 was to test an east-west trending electromagnetic anomaly, known as Conductor "M3", for massive sulphide mineralization. The core is BQ-size and recovery generally exceeded 95%. A total of 10 core samples were analyzed. Hole 87026 is located 325 metres from the Initial Post of the Core 3 claim at a bearing of 287° Az. Pertinent details as follows:

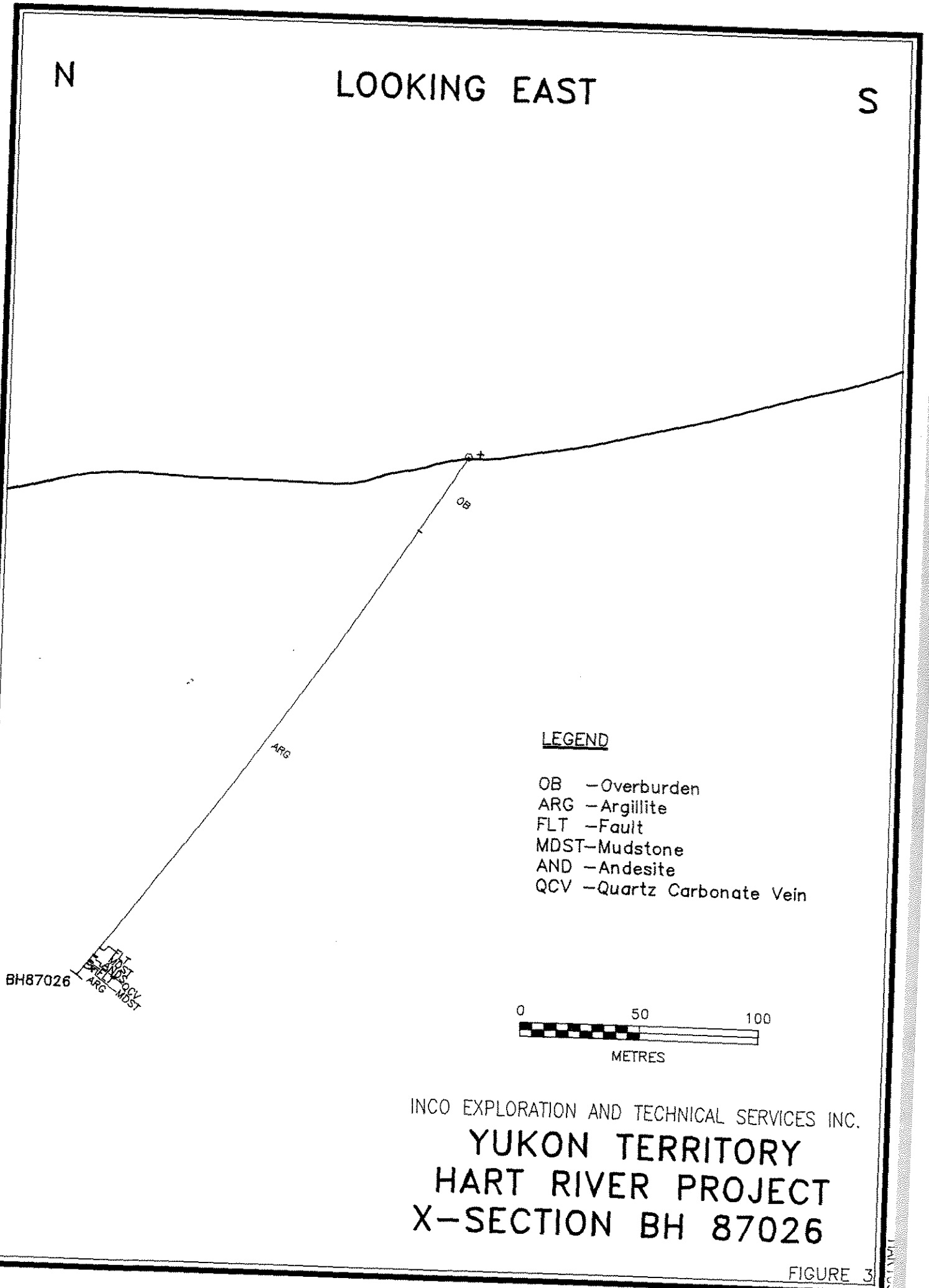
Hole	Length(m)	North	East	Azimuth	Inclination
Conductor "M3"					
87026	289.86	4606	19960	330	-55

Weakly anomalous zinc values were intersected in the drill hole and are associated with thin pyrite-rich veinlets in very carbonaceous argillite (Figure 3). The highest base metal value in hole 87026 is 628 ppm zinc over 1.07 metres (FX486444).

Environmental

The drill site for 87026 is located about 50 meters east of Mark Creek in an open, grassy area. No tree-cutting was required to clear the site. An elongate piece of lumber marks the collar of the hole. The drill was moved by a Bell-206B helicopter and an all-terrane vehicle was used to transport workers and supplies.

The camp garbage was burned and the non-combustible material flown to Dawson City for disposal.



INCO EXPLORATION AND TECHNICAL SERVICES INC.

YUKON TERRITORY
HART RIVER PROJECT
X-SECTION BH 87026

FIGURE 3

Core Storage

The drill core is stored in the equipment warehouse below the adit portal located on the Mark 3 claim, about 80 meters south-southeast of the northwest corner of the Mark 3 claim.

Geochemistry

A total of 10 core samples were taken for gold plus 32-element ICP (inductively coupled plasma) analysis. No samples were analyzed for major oxides (XRF-whole rock).

Analytical Methods

All samples were analyzed by Chemex Labs Ltd. of Vancouver, B.C. Drill core samples were crushed -10 mesh, subsampled and pulverized by Chrome-steel ring mill to > 90% -150 mesh (100 microns).

Core with evidence of mineralization was analyzed for 32 elements by the ICP method (aqua-regia digestion). Gold analysis was by fire assay with an atomic absorption finish. The following elements were determined and their level of detection is indicated:

Al	Aluminum*	0.01%
Sb	Antimony	2 ppm
As	Arsenic	2 ppm
Ba	Barium*	10 ppm
Be	Beryllium*	0.5 ppm
Bi	Bismuth	2 ppm
Cd	Cadmium	0.5 ppm
Ca	Calcium*	0.01%
Cr	Chromium*	1 ppm
Co	Cobalt	1 ppm
Cu	Copper	1 ppm
Ga	Gallium*	10 ppm
Fe	Iron	0.01%
La	Lanthanum*	10 ppm
Pb	Lead	2 ppm
Mg	Magnesium*	0.01%
Mn	Manganese	5 ppm
Hg	Mercury	1 ppm
Mo	Molybdenum	1 ppm
Ni	Nickel	1 ppm
P	Phosphorus	10 ppm
K	Potassium*	0.01%
Sc	Scandium*	1 ppm
Ag	Silver	0.2 ppm
Na	Sodium*	0.01%
Sr	Strontium*	1 ppm
Tl	Thallium*	10 ppm

Ti	Titanium*	0.01%
W	Tungsten*	10 ppm
U	Uranium	10 ppm
V	Vanadium	1 ppm
Zn	Zinc	2 ppm

Elements marked with an asterisk (*) are only partially dissolved by the digestion procedure and consequently their values should be regarded as only minimum indications of their absolute values.

EXPENDITURE SUMMARY

Expenditures related to drilling on the Hart River project are summarized below:

Invoice No.	Hole	Length(m)	Cost
952-5069-7	87026	81.40	8,462.64
953-5069-8	87026	208.46	14,648.74
		======	=========
Total		289.86	$23,111.38

Expenditures directly incurred on the Core claims relate to drill hole 87026, a total footage of 951 feet (289.86 metres). The Schedule of Representation Work (Par. 3aiii) allows for a credit of $15.00 per foot for drill core over 1" in diameter. Accordingly, the expenditures claimed related to drilling on the Core claims as specified in this report and applied towards assessment credit are:

951 feet X $15/foot = $14,265.00

The assessment credit filed on the Core 1 - 3 claims is:
4 years X 3 claims X $100/year = $1,200.00

LIST OF REFERENCES

Abbott, J.G., 1993, Revised stratigraphy and new exploration targets in the Hart River area, southeastern Ogilvie Mountains, in Yukon Exploration and Geology, 1992, Exploration and Geological Services Division, Indian and Northern Affairs Canada, pp. 13-23.

Abbott, J.G. and Roots, C., 1992, Geological map of part of map sheets 116A/10 and 116A/11, Indian and Northern Affairs Canada, Exploration and Geological Services Division, Yukon Region, Open File 1992-2, 1:50,000 scale.

Morin, J.A., 1978, A preliminary report on Hart River (116A/10) - a Proterozoic massive sulphide deposit, Indian and Northern Affairs Canada, Exploration and Geological Services Division, Yukon Region, 1977 Mineral Industry Report, pp. 22-24.

STATEMENT OF QUALIFICATIONS

I, Dennis Martin Bohme, of the City of Vancouver, in the Province of British Columbia, do hereby certify that:

1. I reside at 57 East 40th Avenue, Vancouver, British Columbia, V5W 1L3.

2. I am a graduate of the British Columbia Institute of Technology with a diploma in Mining Technology, 1980.

3. I am a graduate of the Montana College of Mineral Science and Technology in Butte, Montana, with the degree of Bachelor of Science in Geological Engineering, 1985.

4. I have been employed in mining exploration as a technologist and a geological engineer with Newmont Exploration of Canada Limited from May 1980 until February 1989, except for 18 months when I was attending university.

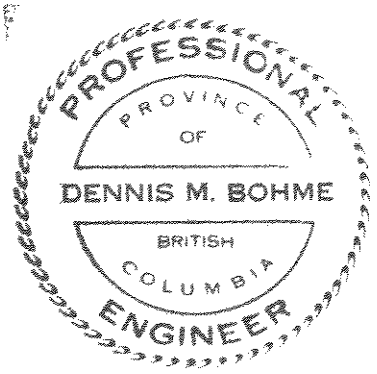
5. I am a registered Professional Engineer in the Province of British Columbia.

6. I am a Fellow member of the Geological Association of Canada.

7. I am a member of the Society of Economic Geologists, Inc.

8. I am a Project Geologist with Inco Exploration and Technical Services Inc. with offices at 800-666 Burrard Street, Vancouver, B.C., V6C 2X8.

9. I personally carried out and supervised most of the work described in this report.



Dennis M. Bohme, P.Eng.
November 17, 1994
Vancouver, B.C.

APPENDIX A - DRILL LOG FOR DRILL HOLE 87026

BOREHOLE LOG

BOREHOLE : BH87026
PROJECT : HART RIVER
PROPERTY NAME : HART RIVER CLAIMS
MINE :

DATE PRINTED: 11/16/94

COUNTRY : Canada
PROV/STATE : Yukon Territory
NTS/QUADRANGLE : 116A/10
TWP/COUNTY :
SEC. T. R. :
CLAIM NAME : Core 3 (Calypso)
GRID NAME : IETS
UTM COORDINATES : 7170000N 412008E
ANOMALY £ : M3

LEVEL : Surface
HEADING :
SECTION :
BASELINE AZIMUTH : 90

ASSAYED FOR : 33-element ICP+Au

NORTHING : 4606.00
EASTING : 19960.00
ELEVATION : 1062.00
BOREHOLE BEARING : 330
INCLINATION : -55
HOLE LENGTH : 289.86
ATTITUDE TEST METHOD: Acid

LOGGED BY : D. Bohme
LOGGING STARTED : August 16
LOGGING COMPLETED : August 20
DRILLED BY : Advanced Drilling Ltd.
DRILL TYPE : Boyles 25A
CORE SIZE : BQ
HOLE SIZE : 33mm
STARTED : August 10, 1994
COMPLETED : August 19, 1994

COMMENTS:**********

Bedrock was intersected after 4 days of drilling through till. Apparently the boulder till is harder than the bedrock (argillite) which is unusual. Drillers thought that the section 39.62 - 54.86m was till (no change into harder ground). They pulled the BW casing at 40m and it had 1.5m of core.
LEFT IN HOLE :none

****

DEVIATION RECORDS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP
0.00	330.00	-55.00	38.10	330.00	-53.00	87.47	330.00	-53.00

FROM M	TO M						SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB
	136.24	330.00	-51.00	175.86	330.00	-51.00	215.48	330.00	-49.00			
	255.10	330.00	-49.00	289.86	330.00	-48.00						

FROM M	TO M	DESCRIPTION	FROM M	TO M	SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB
0.00	39.62	OVERBURDEN								
		Mostly boulder till. Hole caved several times between 6.1 - 12.2 metres.	0.00	39.62	NS	-	-	-	-	-
39.62	273.75	ARGILLITE								
		Massive black carbonaceous argillite. Locally very graphitic and calcareous.	39.62	43.76	NS	-	-	-	-	-
			43.76	44.00	FX486443	153	96	148	0.4	25
	39.62 43.76	Massive carbonaceous argillite with a few streaks and veinlets of calcite. Trace pyrite.	44.00	57.00	NS	-	-	-	-	-
			57.00	58.07	FX486444	65	58	628	0.6	10
			58.07	79.75	NS	-	-	-	-	-
	43.76 44.00	Semi-massive pyrite mineralization associated with a calcareous zone up to 12 centimetres wide. Gradational lower contact.	79.75	80.28	FX486445	52	38	458	0.4	5
			80.28	151.50	NS	-	-	-	-	-
			151.50	152.16	FX486446	41	8	144	0.4	5
			152.16	223.90	NS	-	-	-	-	-
	44.00 57.00	Massive black argillite with the occasional thin discontinuous streak of pyrite. Slightly schistose in places. A few barren calcite veinlets. At 85.55 metres, segmented calcite veinlet with fine grained pyrite and traces of chalcopyrite, sphalerite.	223.90	224.85	FX486447	71	16	334	0.4	5
			224.85	246.06	NS	-	-	-	-	-
			246.06	246.78	FX486448	35	12	138	0.2	5
			246.78	273.75	NS	-	-	-	-	-

FROM M	TO M	DESCRIPTION	FROM M	TO M	SAMPLE£	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB
57.00	58.07	Numerous irregular calcite - quartz veinlets with minor amounts of fine grained pyrite, chalcopyrite and sphalerite. Graphitic.								
58.07	79.75	Black locally very graphitic argillite. Faint bedding at 20 degrees to core axis at 90.95 metres. Calcite veinlets locally offset by thin slip faults at 50 degrees to core axis. Broken core at 68.05 metres, very graphitic.								
79.95	80.28	Several irregular calcite segregations with fine grained knots of pyrite, sphalerite and chalcopyrite. Graphitic along fractures.								
80.28	90.35	Massive black carbonaceous argillite. Some sections with broken core. A few thin laminations of pyrite. Calcareous sections.								
90.35	91.65	Several thin beds of fine grained pyrite within calcareous matrix. Bedding at 15 degrees to core axis, locally offset by slip faults at 45 degrees to core axis. Weakly conductive.								
91.65	114.35	Massive carbonaceous argillite - mudstone. Some fine grained pyrite at								

FROM M	TO M	DESCRIPTION	FROM M	TO M	SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB
		98.50 metres associated with calcite. Faint pyrite - rich bedding evident at 105.60, 108.50 and 113.35 metres generally trending at 20 degrees to core axis. Some beds slightly offset by slip fractures.								
114.35	117.35	Numerous calcite veinlets at 60 degrees to core axis. Occasional bleb of pyrite.								
117.35	122.65	Massive black carbonaceous argillite - mudstone. Occasional very thin, faint lamination of pyrite at 30 degrees to core axis. Possibly bedding. Some calcareous sections.								
122.65	122.80	Slightly disrupted calcite - rich beds with very fine grained pyrite throughout. Bedding 25 degrees to core axis. Associated pyrite mineralization has been slightly re-oriented parallel to the fracture cleavage at 50 degrees to core axis. Fine pyrite lineations.								
122.80	125.20	Numerous barren calcite veinlets at 45 degrees to core axis. Some broken core. Veinlet density at 1 per 3 to 10 centimetres.								
125.20	134.00	Calcareous carbonaceous argillite. Faint bedding at 125.75 metres at 25								

FROM M	TO M	DESCRIPTION	FROM M	TO M	SAMPLE£	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB
		degrees to core axis. Occasional calcite veinlet. Bedding indicated by very thin calcite pyrite - rich laminations. Some broken core.								
134.00	139.30	Broken core throughout. Locally very graphitic, dense black argillite. Occasional calcite streak.								
139.30	148.60	Massive carbonaceous calcareous argillite. Graphitic along fractures. A few calcite - rich sections with very fine grained pyrite. Very faint bedding at 144.90 metres at 10 degrees to core axis.								
148.60	149.20	Numerous brittle calcite fractures. Traces of pyrite.								
149.20	151.50	Calcareous black argillite. Very faint bedding at 15 degrees to core axis. Very graphitic along fractures.								
151.50	152.16	Very fine grained laminations of pyrite in carbonaceous argillite.								
152.16	181.45	Calcareous, massive carbonaceous argillite. Trace amounts of pyrite at 173.45 metres. Calcareous laminations define bedding at 10 degrees to core axis. Cross cutting calcite fractures at 45 degrees to core axis.								

FROM M	TO M	DESCRIPTION	FROM M	TO M	SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB
181.45	181.75	Possibly a fault zone. Badly broken core. Very graphitic.								
181.75	186.20	Massive black argillite. Occasional streak of very fine grained pyrite.								
186.20	190.20	Numerous calcite veinlets aligned parallel to the weakly developed foliation at 50 degrees to core axis. Density at 1 per 3 - 8 centimetres. Traces of pyrite.								
190.20	218.80	Massive black argillite. Very calcareous in places. A few calcite veinlets. Some broken core at 193.05 metres. At approximately 194.15 metres, very faint bedding changes to 45 degrees to core axis. Bedding, defined by calcareous pyrite laminations, is locally cross cut by barren calcite fracture veinlets at 55 degrees to core axis. Very fine grained pyrite lineations usually aligned parallel to the foliation. Some graphitic broken core.								
218.80	223.90	Numerous barren calcite streaks. Massive graphitic argillite.								
223.90	224.85	Slightly schistose graphitic argillite with pyritic calcite laminations. Very fine grained pyrite.								

FROM M	TO M	DESCRIPTION	FROM M	TO M	SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB
224.85	239.85	Massive black graphitic argillite. Possibly some very faint bedding at 239.40 metres at 50 degrees to core axis. Some calcite veinlets with fine grained pyrite. Locally very graphitic.								
239.85	246.06	Very calcareous graphitic argillite. Numerous white calcite segregations and veinlets. Traces of fine pyrite. Faint bedding at 45 degrees to core axis. Some broken core.								
246.06	246.78	Fairly well bedded. Calcareous laminations with very fine grained pyrite. Pyrite lineations parallel to fracture slip planes at 60 degrees to core axis. Bedding locally offset 1 - 2 centimetres.								
246.78	256.10	Graphitic argillite - mudstone. A few thin brittle calcite veinlets at 50 degrees to core axis. Possible bedding at 249.48 metres at 50 degrees to core axis. Some very fine grained pyrite laminations.								
256.10	257.80	Possibly a fault zone. Very graphitic broken core. Calcite - rich section.								
257.80	273.75	Massive black carbonaceous argillite. Very graphitic along fractures. Sparse calcite veining. Trace amount of								

FROM M	TO M	DESCRIPTION	FROM M	TO M	SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB
		pyrite as very thin laminations.								
273.75	277.60	FAULT Schistose graphitic zone with fault gouge. Calcite - rich sections. Locally very soft core. Slickensided along graphite fractures.	273.75	277.60	NS	-	-	-	-	-
277.60	278.36	MUDSTONE Thinly bedded calcareous mudstone. Distinct bedding at 40 degrees to core axis. Some fine to medium grained pyrite associated with calcite - rich laminations. A few discordant barren calcite veinlets. Sharp lower contact.	277.60	278.36	NS	-	-	-	-	-
278.36	280.85	ANDESITE Schistose, light green, saussuritized andesite dike. Talcose along fractures. Contorted quartz carbonate veins with trace amounts of fine grained pyrite. Weakly calcareous matrix.	278.36 280.00	280.00 280.85	NS FX486449	- 94	- 2	- 64	- 0.2	- 5
280.85	281.60	QUARTZ CARBONATE VEIN Weakly brecciated, cross cutting quartz carbonate vein. Stringer brecciation along lower contact with clasts of mudstone and altered volcanic. Trace amount of sulfides.	280.85	281.60	FX486450	22	14	32	0.4	5
281.60	282.85	MUDSTONE								

FROM M	TO M	DESCRIPTION	FROM M	TO M	SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB
		Thinly bedded calcareous mudstone. Very graphitic along fractures. Irregular knots of medium grained pyrite associated with calcite segregations. Bedding at 45 degrees to core axis.	281.60	282.85	FX486451	32	22	126	0.2	10
282.85	284.80	FAULT								
		Strongly graphitic fault zone. Broken core. Tectonized calcite veinlets is schistose argillite.	282.85	284.80	NS	-	-	-	-	-
284.80	289.86	ARGILLITE								
		Massive, black graphitic argillite.	284.80	287.75	NS	-	-	-	-	-
		Locally calcareous. Several tectonized calcite veins with trace amounts of pyrite. Weakly brecciated and schistose sections. At 287.80 and 288.65 metres, very fine grained pyrite associated with disrupted calcareous mudstone beds. Fine pyrite laminations.	287.75	288.70	FX486452	22	14	388	0.2	5
			288.70	289.86	NS	-	-	-	-	-

APPENDIX B - CERTIFICATES OF ANALYSIS

Hole	FX Sample Number	Certificate No.
87026	486443 - 486452	A9425437

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: INCO EXPLORATION AND TECHNICAL SERVICES INC.
ATTN: DENNIS BOHME
2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

Project : 60554-86010
Comments: ATTN: DENNIS BOHME

Page Number :1-A
Total Pages :2
Certificate Date: 20-SEP-94
Invoice No. :I9425437
P.O. Number :
Account :KPJC

CERTIFICATE OF ANALYSIS A9425437

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
FX486443	205	226	25	0.4	1.61	36	30	< 0.5	8	3.42	1.5	6	59	153	10.20	10	< 1	0.82	< 10	1.37	475
FX486444	205	226	10	0.6	2.01	16	30	< 0.5	< 2	2.15	3.5	11	39	65	2.84	< 10	< 1	1.00	< 10	1.87	815
FX486445	205	226	< 5	0.4	1.31	8	30	< 0.5	< 2	6.96	3.0	7	45	52	1.71	< 10	< 1	0.74	< 10	1.09	1010
FX486446	205	226	< 5	0.4	1.52	12	20	< 0.5	< 2	6.48	1.5	8	35	41	2.45	< 10	< 1	0.69	< 10	2.46	570
FX486447	205	226	< 5	0.4	1.61	12	20	< 0.5	< 2	4.57	3.0	10	42	71	2.80	< 10	< 1	0.74	< 10	2.02	640
FX486448	205	226	< 5	0.2	1.29	10	10	< 0.5	< 2	6.23	1.5	8	38	35	2.64	< 10	< 1	0.53	< 10	1.87	610
FX486449	205	226	< 5	< 0.2	4.68	8	< 10	< 0.5	< 2	5.67	2.0	41	805	94	5.78	10	< 1	0.02	< 10	6.05	1020
FX486450	205	226	< 5	0.4	1.38	16	< 10	< 0.5	< 2	11.90	0.5	9	200	22	1.96	< 10	< 1	0.01	< 10	1.84	1310
FX486451	205	226	10	0.2	1.39	50	10	< 0.5	< 2	7.65	1.0	7	59	32	2.28	< 10	< 1	0.09	< 10	1.93	795
FX486452	205	226	< 5	0.2	1.79	10	10	< 0.5	< 2	7.25	3.5	6	40	22	2.47	< 10	< 1	0.42	< 10	2.41	575
FX486453	205	226																			
FX486454	205	226																			
FX486455	205	226																			
FX486456	205	226																			
FX486457	205	226																			
FX486458	205	226																			
FX486459	205	226																			
FX486460	205	226																			
FX486461	205	226																			
FX486462	205	226																			
FX486463	205	226																			
FX486464	205	226																			
FX486465	205	226																			
FX486466	205	226																			
FX486467	205	226																			
FX486468	205	226																			
FX486469	205	226																			
FX486470	205	226																			
FX486471	205	226																			
FX486472	205	226																			
FX486473	205	226																			
FX486474	205	226																			
FX486475	205	226																			
FX486476	205	226																			
FX486477	205	226																			
FX486478	205	226																			
FX486479	205	226																			
FX486480	205	226																			
FX486481	205	226																			
FX486482	205	226																			

CERTIFICATION: Mark Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: INCO EXPLORATION AND TECHNICAL SERVICES INC.
ATTN: DENNIS BOHME
2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

Project : 60554-86010
Comments: ATTN: DENNIS BOHME

Page Number :1-B
Total Pages :2
Certificate Date: 20-SEP-94
Invoice No. :19425437
P.O. Number :
Account :KPJC

CERTIFICATE OF ANALYSIS A9425437

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
FX486443	205 226	1	0.01	76	240	96	10	4	54	0.02	< 10	< 10	74	20	148
FX486444	205 226	8	0.01	74	360	58	4	5	21	0.02	< 10	< 10	151	< 10	628
FX486445	205 226	4	0.01	49	270	38	2	3	71	0.01	< 10	< 10	90	< 10	458
FX486446	205 226	7	0.01	63	320	8	4	4	54	0.01	< 10	< 10	109	< 10	144
FX486447	205 226	6	0.01	90	370	16	4	5	32	0.01	< 10	< 10	105	< 10	334
FX486448	205 226	6	0.01	57	260	12	4	4	50	0.01	< 10	< 10	75	< 10	138
FX486449	205 226	< 1	0.02	291	270	< 2	< 2	21	89	0.01	< 10	< 10	177	10	64
FX486450	205 226	3	0.01	56	190	14	2	13	242	< 0.01	40	< 10	79	10	32
FX486451	205 226	4	0.02	47	220	22	4	6	76	< 0.01	< 10	< 10	212	< 10	126
FX486452	205 226	6	0.02	57	270	14	2	5	61	0.01	< 10	< 10	149	10	388
FX486453															
FX486454															
FX486455															
FX486456															
FX486457															
FX486458															
FX486459															
FX486460															
FX486461															
FX486462															
FX486463															
FX486464															
FX486465															
FX486466															
FX486467															
FX486468															
FX486469															
FX486470															
FX486471															
FX486472															
FX486473															
FX486474															
FX486475															
FX486476															
FX486477															
FX486478															
FX486479															
FX486480															
FX486481															
FX486482															

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: INCO EXPLORATION AND TECHNICAL SERVICES INC.
ATTN: DENNIS BOHME
2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

A9425437

Comments: ATTN: DENNIS BOHME

CERTIFICATE A9425437

(KPJC) - INCO EXPLORATION AND TECHNICAL SERVICES INC.

Project: 60554-86010
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 20-SEP-94.

SAMPLE PREPARATION

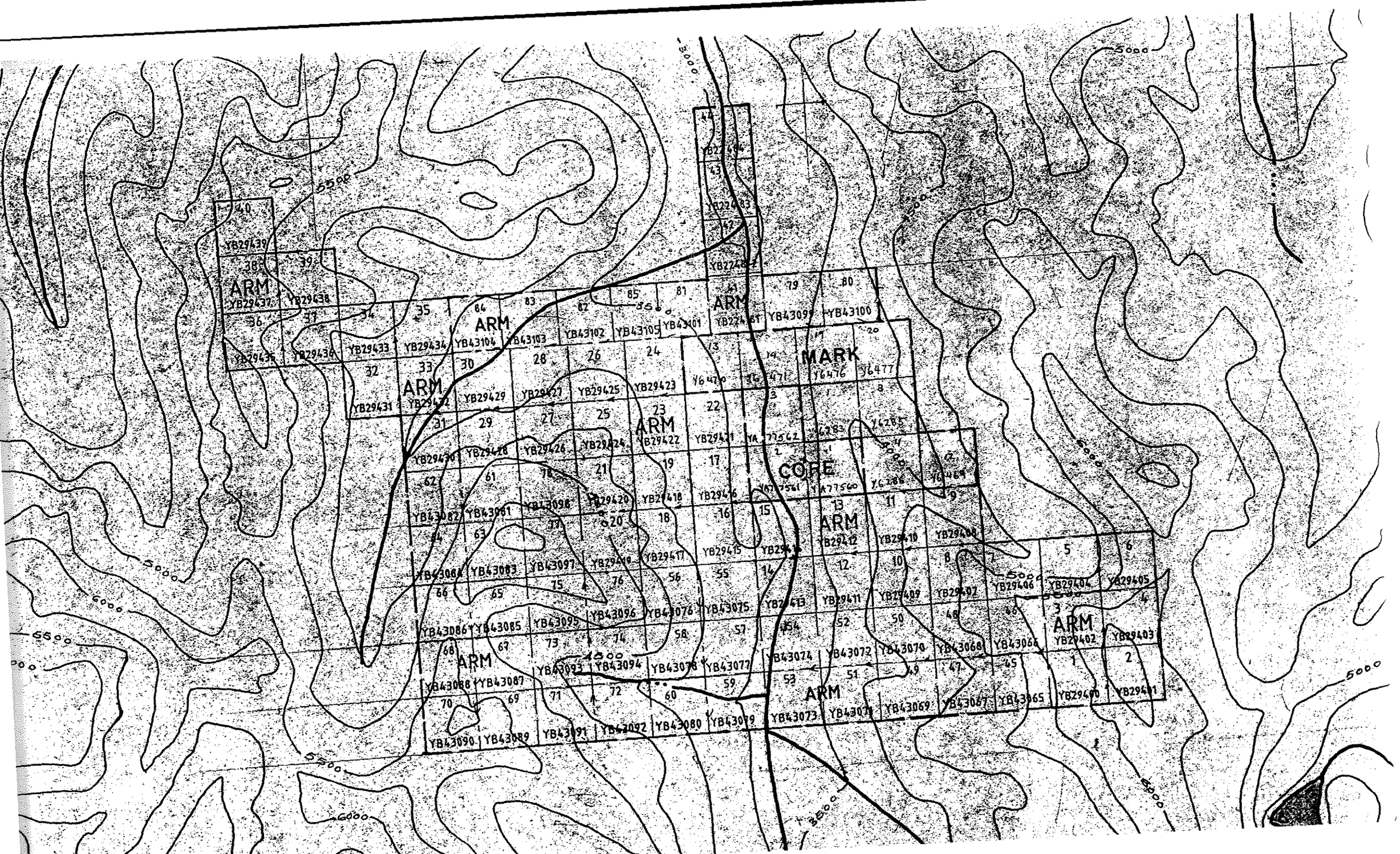
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	58	Geochem ring to approx 150 mesh
226	58	0-5 lb crush and split
229	58	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	58	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	58	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	58	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	58	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	58	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	58	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	58	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	58	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	58	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	58	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	58	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	58	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	58	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	58	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	58	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	58	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	58	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	58	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	58	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	58	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	58	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	58	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	58	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	58	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	58	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	58	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	58	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	58	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	58	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	58	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	58	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	58	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	58	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000


ARM
MARK
CORE
5500
6000
5000