

MAP NO:115A/13

ASSESSMENT REPORT: X

DOCUMENT NO: 093356

PROSPECTUS:

MINING DISTRICT: Whitehorse

CONFIDENTIAL: X

TYPE OF WORK:Diamond drilling

OPEN FILE:

REPORT FILED UNDER: Probe Resources

DATE PERFORMED:June 12 to July 10, 1995

DATE FILED: November 14, 1995

LATITUDE:61 00

AREA:Mt. Decoeli

LONGITUDE:137 36

VALUE:\$

CLAIM NAME AND #:Ellen 1-20, 25-37 claims

WORK DONE BY:G.S. Davidson

WORK DONE FOR:Probe Resources

Claims in Good Standing	

Remarks:Drilling was directed at previously identified strataform sulfide mineralization in mafic volcanic rocks. The best result was from hole 95-1 which intersected 18 feet of 1.94% Cu.



ASSESSMENT REPORT
on the
ELLEN CLAIMS
NTS 115 A-113

By: G.S. Davidson, P.GEOL.

093356

ASSESSMENT REPORT

on the

ELLEN 1-20, 25-37 CLAIMS

(YA97362-YA97366, YB26797-YB26799,
YB27078-YB27089, YB27094-YB27096,
YB35480-YB35483, YB36844-YB36849)

NTS 115 A-13

Lat. 61 00'N Long. 137 36'W
Whitehorse Mining District

FOR: PROBE RESOURCES LTD.
Vancouver, B. C.

BY

G.S. DAVIDSON, P. Geol..
October 25, 1995

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SUMMARY

The Ellen property consists of 33 claims located on the west side of the Shakwak Valley at the north end of Mt. Decoeli on a tributary of the Jarvis River in the Whitehorse Mining District, Yukon Territory (NTS 115 A-13). An 8 km tote road connects the property to the Alaska Highway approximately 28 km north of Haines Junction and 190 km from Whitehorse.

The property covers a copper rich horizon consisting of veins and lenses of chalcopyrite, pyrrhotite, pyrite and quartz in layers of chloritic and sericitic tuff within a Triassic mafic volcanic sequence.

Probe Resources Ltd. entered an agreement with the property owners in August, 1993 to acquire the Ellen Claims. Surface exploration in August and September of that year outlined a strong copper geochemical anomaly coincident with HLEM and VLF conductors around the main showing, and located widespread strataform sulphide mineralization in the mafic volcanic rocks.

In June, 1995 Probe Resources Ltd. listed on the Vancouver Stock Exchange and initiated an exploration program on the Ellen claims as recommended by Mr. Donald Tully, P.Eng.. This program involved diamond drilling of the copper mineralization and a strong HLEM anomaly.

Drill results outline a mineralized zone approximately 5 meters in width that crosses the Ellen Creek gully and continues to the southeast. Drill hole 95-1 intersected 18 ft of 1.94% copper from 87-105 ft. Drilling of the EM anomaly located a wide thrust fault containing graphitic schist, talc and serpentinite with minor nickel mineralization.

INTRODUCTION

This report describes a diamond drill program undertaken on the property from June 12 to July 10, 1995 under the direction of Mr. M. Elson of Northern Natural Resource Services Ltd. of Vancouver. The project was supervised by Mr. Elson accompanied by Mr. R Stack of Whitehorse and the writer. The diamond drill contractor was Kluane Drilling Ltd. of Whitehorse.

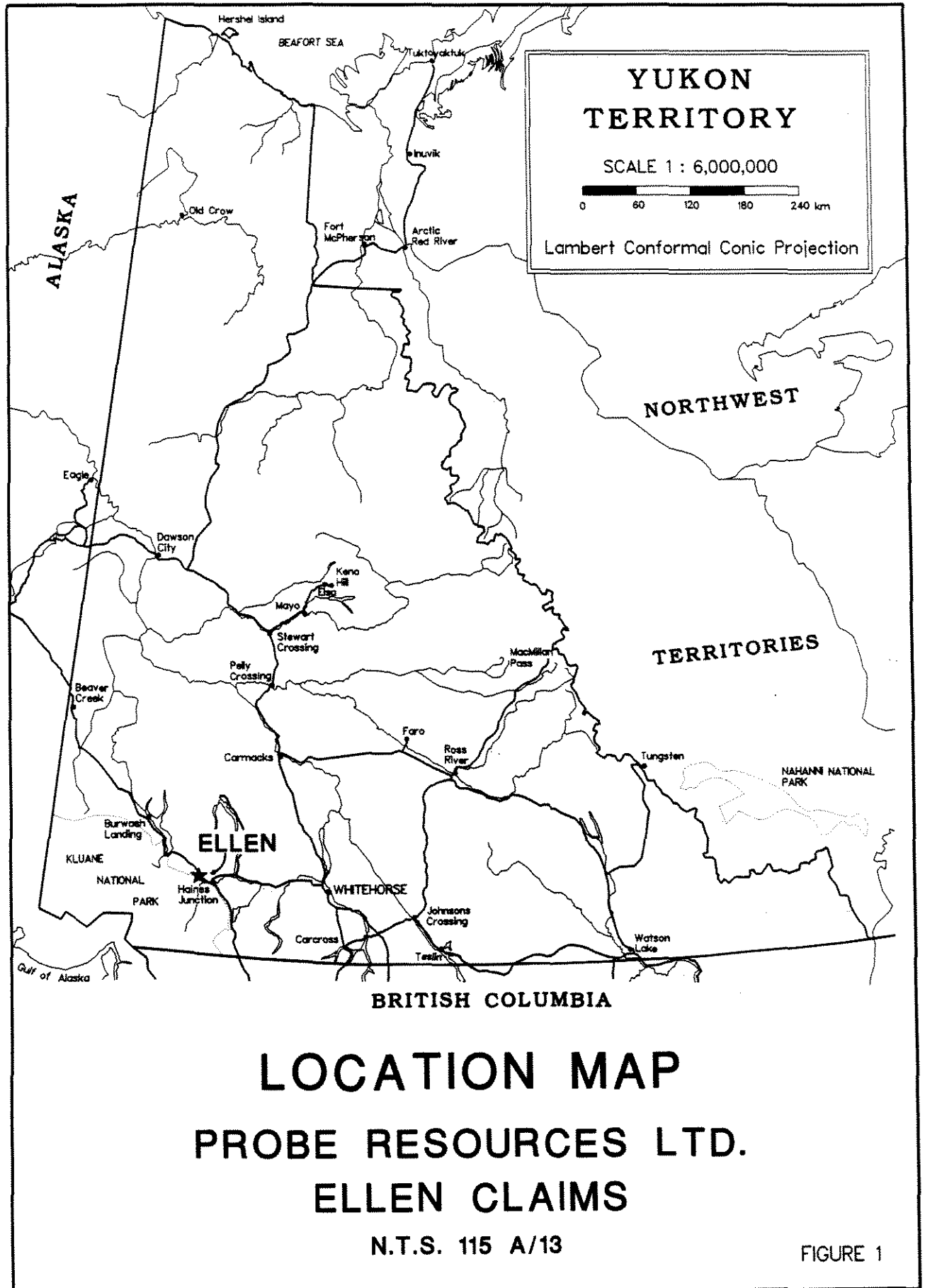
LOCATION AND ACCESS

The Ellen claims are located 27 km northwest of Haines Junction on NTS Map Sheet 115 A-13 at geographical coordinates 61° 00'N and 137° 17'W in the southwestern Yukon Territory. The property is situated 8 km west of the Alaska Highway and is accessible via a road which leaves the highway approximately 1 km north of the Jarvis River bridge. This road follows the Jarvis River to placer workings on Kimberley Creek. An old tote road connects the Ellen claims to the Kimberly Creek road 250 m west of the Jarvis River crossing. The property location is shown in Figure 1.

PHYSIOGRAPHY

The claims lie on the west margin of the Shakwak Valley in the Kluane Ranges of the St. Elias Mountains. The Shakwak Valley is a deep northwest-southeast oriented depression stretching for several hundred kilometers from northwestern British Columbia to Alaska. In the Jarvis River area the valley is 8-10 km wide, bounded on the west side by the rugged Kluane Ranges which rise to 2588 m.

The property is located at the northern end of Mt. Decoeli covering an alpine plateau incised by a deep creek gully. The plateau is bounded on the east by a steep north facing slope which descends to the low lying Shakwak Valley floor. Elevations on the property range from 1500 m to 900 m. The copper showings are located in a rugged steep sided gully, oriented perpendicular to the Shakwak Valley. Outcrop is abundant in the gully and on steeper slopes, however the surrounding uplands are covered with glacial till. The Shakwak Valley features spruce forest broken by tundra.



The Haines Junction area has a northern interior climate strongly influenced by the St. Elias Mountains. The area is known for high winds which constantly blow from the mountains into the Shakwak Valley. Winter temperatures average -20°C while summers are cool and last from June to September. The exploration season extends from mid-May to October.

PROPERTY

The property consists of 33 mineral claims registered with the district mining recorder in Whitehorse. Figure 2 shows the claim plan and Table I lists property data.

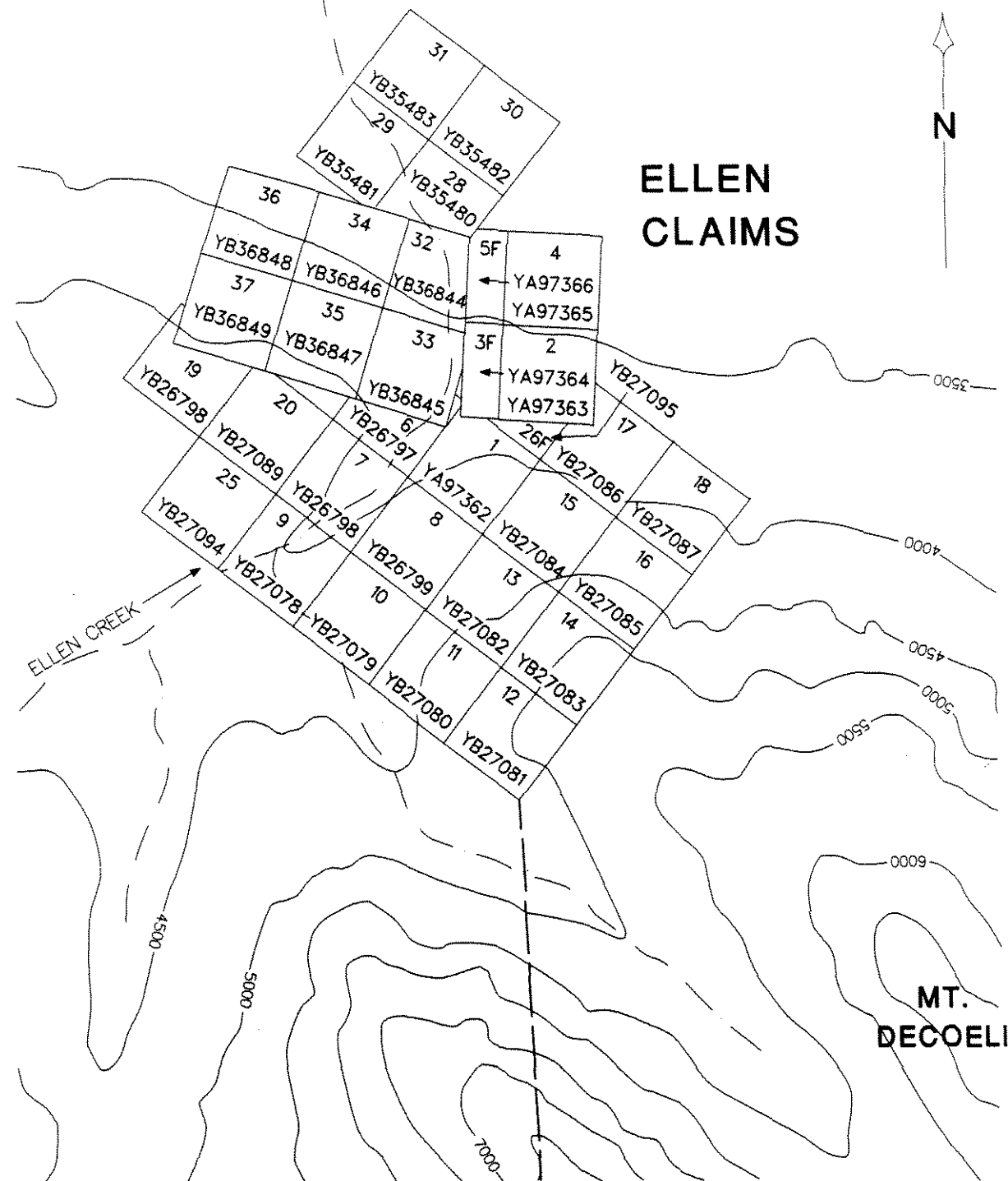
TABLE I - CLAIM DATA

<u>Claim Name</u>	<u>Record Number</u>	<u>Expire Date*</u>
Ellen 1	YA97362	Nov.14, 2000
Ellen 2	YA97363	Nov.14, 2000
Ellen 3 Fraction	YA97364	Nov.14, 2000
Ellen 4	YA97365	Nov.14, 2000
Ellen 5 Fraction	YA97366	Nov.14, 2000
Ellen 6	YB26797	Sept.29,2000
Ellen 7	YB26798	May 1, 2000
Ellen 8	YB26799	Sept.29,2000
Ellen 9-20	YB27078-89	Dec.11, 2000
Ellen 25-27	YB27094-96	Dec.11, 2000
Ellen 28-31	YB35480-83	Oct.22, 2002
Ellen 32-37	YB36844-49	Aug.12, 2002

The Ellen 1-5, 9-20, 25-27 and 32-37 claims are owned by Mr. R. Stack of Whitehorse, Yukon. The Ellen 6-8 and 28-31 are owned by Mr. G.S. Davidson of Whitehorse, Yukon. The expiry dates listed have been filed in a Statement of Work pending with the mining recorder. Probe Resources Ltd. holds the Ellen claims under terms of an option agreement.

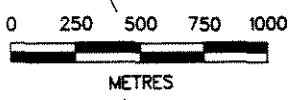


ELLEN CLAIMS



ELLEN CREEK

MT.
DECOELI



PROBE RESOURCES LTD.

ELLEN CLAIMS CLAIM PLAN

G. DAVIDSON, CONSULTING GEOLOGIST

SCALE: 1 : 30,000	DATE: October 1993
N.T.S.: 115 A/13	DRAWN: GDS
	FIGURE 2

HISTORY

The Kluane Ranges were first explored around 1900 by prospectors traveling between coastal and central Alaska through the Shakwak Valley. Placer mining was active along the front range from Dalton Post to Silver City in the 1920's and 1930's.

In the 1950's the Kluane Ranges were explored for copper-nickel sulphide mineralization. Deposits were outlined on the Wellgreen and Canalask properties. The higher grade Wellgreen deposit was mined from 1972-1973.

The area of the Ellen claims was prospected prior to 1950. Several old crown grant posts were found above the main showing but the grants were not registered. Many old cut stumps attest to considerable activity during the early years. The prospect was first staked as the Jude, Nor and Tar claims in 1953 by R. Reber and optioned to Hudson Bay Mining and Smelting Co. Hudson Bay drilled 5 holes (1060 ft) and built a tote road to within 500 m of the copper showings.

In 1962 T. Worbetts restaked the area as the MC claims and optioned them to Canadian Barranca Mines Ltd.. They extended the road to the showings and completed an extensive surface exploration program. Three diamond drill holes in 1966 (1421 ft) and four more in 1969 were drilled into chalcopryrite bearing horizons in mafic volcanic rocks. Holes MC-1 to MC-3 were drilled from creek level, above the main showing. Copper values were reported in the 1966 drill holes as follows:

DDH MC-1 (from 59-76ft) 17' at 3.15% Cu
DDH MC-2 (from 90-124ft) 34' at 1.64% Cu
 or (from 103-124 ft) 21' at 2.20% Cu
DDH MC-3 (from 80-97 ft) 17' at 1.20% Cu

Gold assays were not recorded in the drill logs. In 1969 four holes were drilled. Hole MC-4 tested an ultramafic unit for nickel mineralization. Drill holes MC-5 to MC-6 were drilled from the same setup, approximately 80 meters uphill to the west of the main showing. Drill hole MC-7 was located 30 meters lower in elevation than MC-6&7. A chalcopryrite bearing horizon was intersected in MC-5 to 7 as follows:

DDH MC-5 (from 203-206 ft) 3' at 1.1% Cu
DDH MC-6 (from 205-219 ft) 14' at 0.66% Cu
DDH MC-7 (from 212-217 ft) 5' at 0.17% Cu
 and (from 230-235 ft) 5' at 0.73% Cu

These intersections were reported to be from the same zone outlined in the 1966 holes. Canadian Barranca dropped the property in 1971.

RECENT EXPLORATION

The showings were re-acquired by G. Harris and R. Stack in June 1987. Samples taken beside the old cat road contained approximately 5% chalcopyrite in a tuffaceous greenstone. In June, 1989 R. Stack used explosives to clear away mud and debris on the east side of the gully, below the old drill sites. He exposed chalcopyrite, pyrite and quartz bearing mineralization over a 7 m wide section.

On the west side of the gully the mineralization was traced over a 10 m width. Vivid malachite and azurite staining covers the section. Sample results of sulphide bearing rock ranged from 1.5-11.9% copper and trace to 2787 ppb gold. The 1989 work indicated that volcanogenic type sulphide mineralization was present on the Ellen claims.

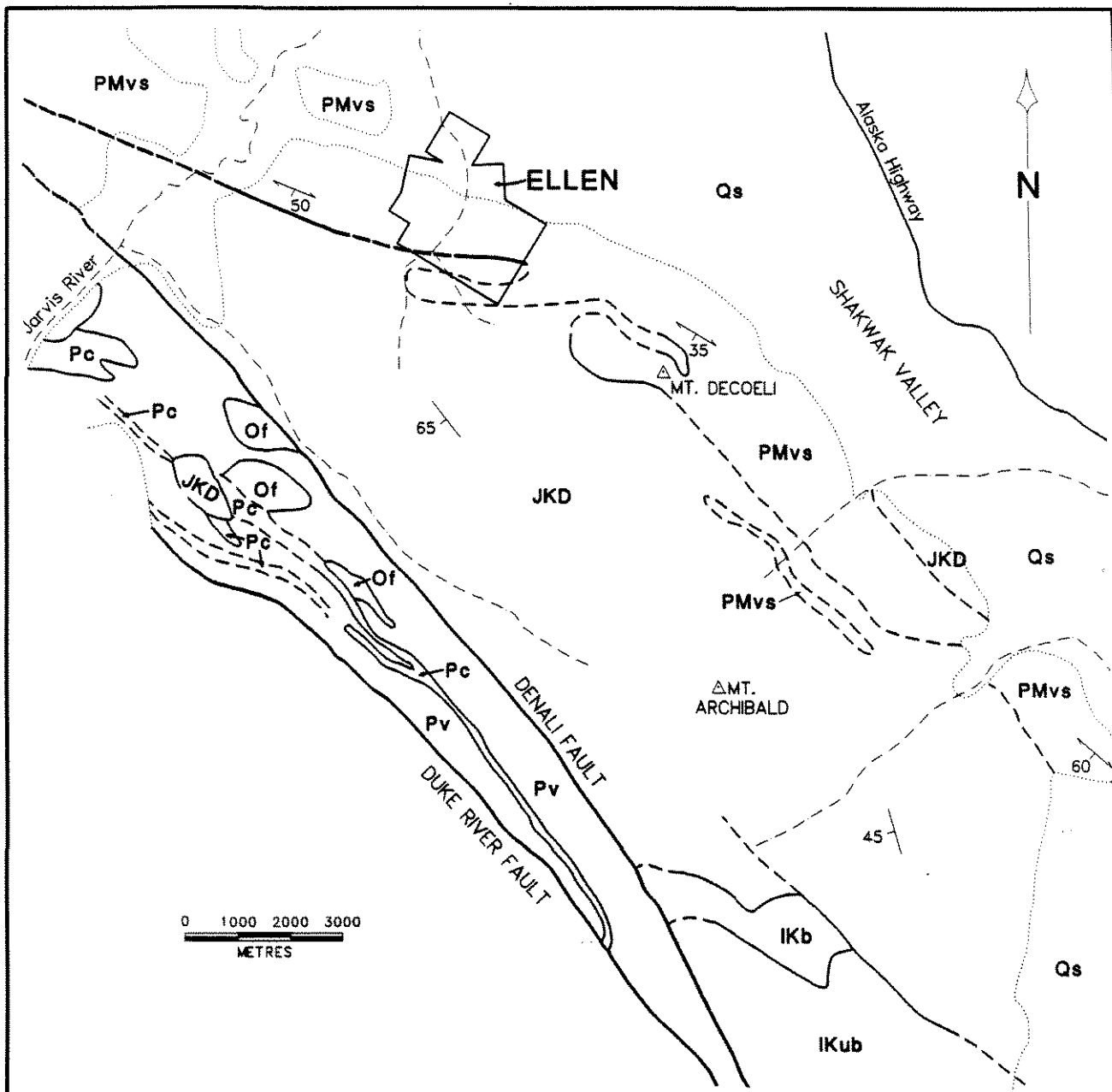
In 1990, a late season geological and geophysical exploration program outlined HLEM anomalies at the main showing and on the upland. Patchy copper mineralization was located along strike of the main occurrence and several quartz rich sulphide bearing horizons were located to the north. Sample results ranged from 0.2% to 18.3% copper and trace to 6632 ppb gold. Gold values were higher in quartz rich samples.

In 1993, a pre-listing exploration program was conducted for Probe Resources Ltd. involving grid development, geophysical and geochemical surveys, trenching and road building.

REGIONAL GEOLOGY

The Mt. Decoeli area lies east of the Denali Fault, the structural division between the Coast Plutonic Belt and Wrangell Terrane in the Kluane Ranges. The Shakwak Valley lies east of Mt. Decoeli. The wedge of rocks lying between the Denali Fault and the Shakwak Valley is an assemblage of Jurassic and Triassic volcanic and sedimentary rocks interpreted as part of the Alexander Terrane. The geology of the district was released in Open File #831 by the G.S.C. (see Figure 3).

Mount Decoeli consists of a thick andesitic to mafic volcanic sequence of Triassic age unconformably overlain by Jurassic Dezadeash Group shale, limestone and slate. The Triassic rocks are tuffaceous to massive layered andesites, variably altered to greenschist. Andesite, diorite, serpentinite and peridotite sills occur in the sequence.



LEGEND

STRATIFIED ROCKS

INTRUSIVE ROCKS

QUATERNARY

Qs undivided surficial deposits

TERTIARY

Of felsite, qtz. latite porphyry

JURASSIC & CRETACEOUS

JKD Dezadeash Group
greywacke, sandstone,
siltstone, argillite,
conglomerate

LOWER CRETACEOUS

IKb, Pyroxenite Creek
IKub Ultramafic Complex

PALEOZOIC &/or MEZOZOIC

PMvs greenstone, greenschist,
minor argillite and greywacke

CARBONIFEROUS TO PERMIAN

Pc Skolai Group
Hansen Creek Fmn. limestone
Pv Station Creek Fmn. volcanics

SYMBOLS

- Geological boundary, defined, approx.
- High angle fault, defined, approx.
- Limit of outcrop
- Bedding, strike-dip
- Foliation, cleavage, strike-dip

PROBE RESOURCES LTD.		
ELLEN CLAIMS REGIONAL GEOLOGY		
G. DAVIDSON, CONSULTING GEOLOGIST		
SCALE: 1 : 125,000		DATE: October 1993
N.T.S.: 115 A/13	DRAWN: GDS	FIGURE 3

Thrust faults mark the lower contact between volcanic rocks and Paleozoic metamorphic basement rocks. Elongate bodies of ultramafic rock have been emplaced along the thrust planes. Copper and nickel mineralization occurs within the basal section of the ultramafic sills and in adjoining rocks. Copper-gold quartz veins occur in the hanging wall of the ultramafic bodies.

1995 EXPLORATION PROGRAM

INTRODUCTION

The work program on the Ellen claims was performed from June 12 to July 10, 1995. A three man crew and camp was mobilized to the Ellen claims on June 14.

A D7 cat from Coyne & Sons Ltd. was utilized to repair the road up the Ellen Creek gully and to prepare several drill sites. Also three drill pads were constructed by hand in steeper areas above the main showing.

A Trans North Air Ltd jetranger helicopter from Haines Junction was used to move the drill from a cleared area above camp to two of the higher drill pads.

Five diamond drill holes totaling 1,500 ft were drilled from three sites. Drill holes 95-1 & 95-2 were drilled from the same pad on the west side of Ellen Creek and drill hole 95-3 was drilled from a pad on the east side of the gully above Ellen Creek. Drill holes 95-4 & 95-5 were drilled from a pad on the road up Ellen Creek. The drill hole locations are shown in Figure 4 and drill section are presented in Figures 5-7.

The writer logged the drill core (drill logs are presented in Appendix I) which is stored at the core library in Whitehorse. A total of 76 samples of core were split by Mr. R. Stack and submitted to Northern Analytical Labs Ltd. for analysis (see Appendix II for Certificates of Analysis).

Blast trenching of several showings by Mr. R. Stack exposed occurrences to the southeast of the main showing. Approximately 100 cubic meters of material was excavated from the hand pits.

PROPERTY GEOLOGY

The property is primarily underlain by a thick layered felsic to mafic volcanic sequence consisting of andesite flows, andesitic and mafic tuffs, and thin layers of tuffaceous argillite. The volcanics have been variably foliated forming quartz sericite schist and narrow bands of black chlorite schist. Epidote and quartz banding is common. A few serpentine bands occur in more mafic sections. Diorite, andesite and fine grained peridotite sills occur within the volcanics. The sills are emplaced along thrust faults at the base of the Triassic volcanic sequence. The units strike 110° and dip 30° to 50° to the south.

At the south end of the claim block the volcanics are conformably overlain by limestone and schists containing sections of green tuffaceous volcanics. The sediments are cut by narrow quartz carbonate veins sometimes forming stockworks.

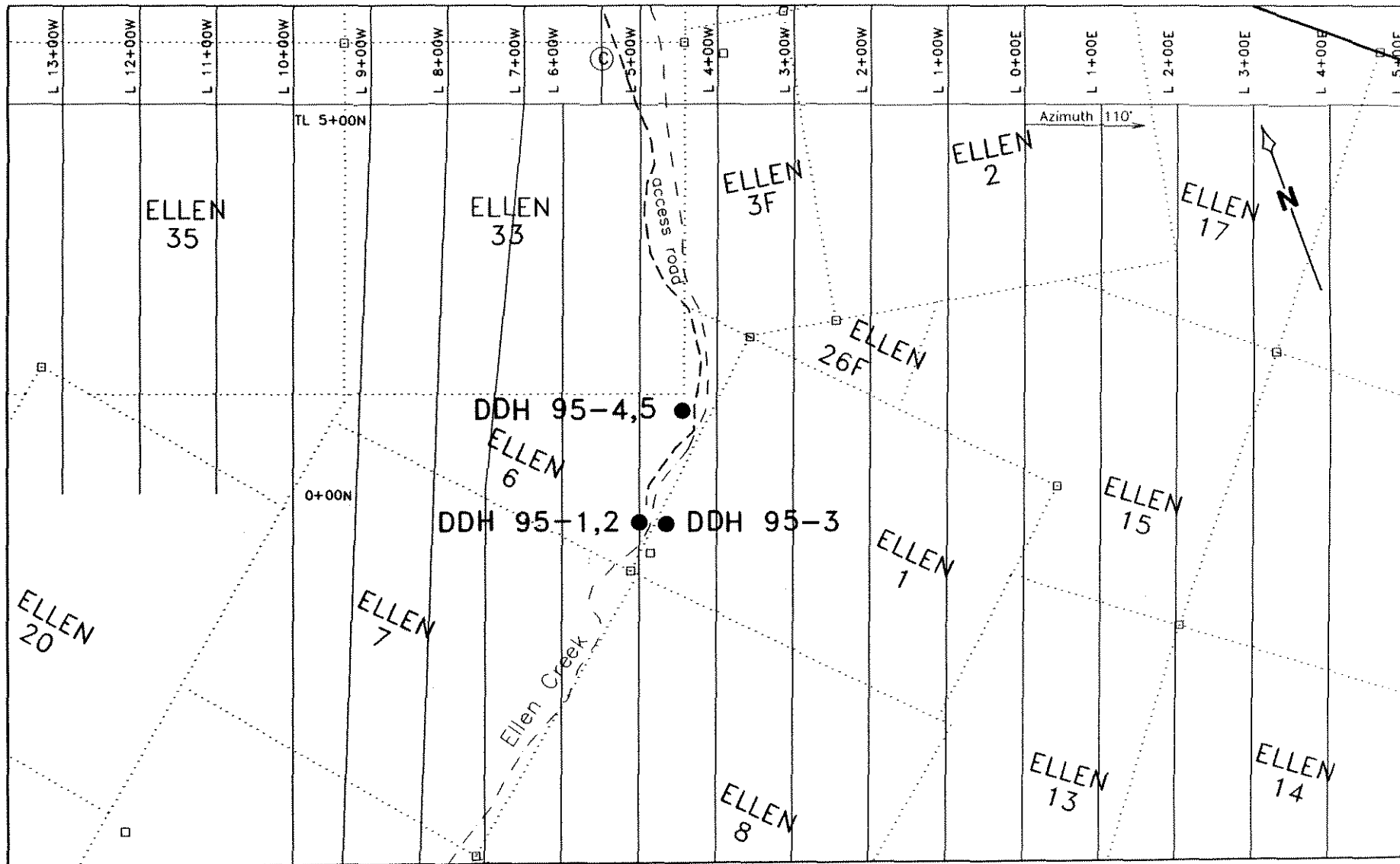
Along the cliff walls of Ellen Creek, block faulting has caused minor displacement of the volcanic layers. Poor core recovery was common across these minor structures. A strong foliation fabric is developed in the units, parallel to the trend of the Shakwak Valley. Greenschist alteration is prevalent as chlorite and sericite. Serpentinization is common towards the base of the volcanic sequence consisting of bands of bladed serpentine and quartz-carbonate veining.

The serpentinite sill intersected in drill holes 95-4&5 occurs in sericite schist and graphitic siltstone. Mylonite, talc and graphite gouge occur in the fault zones.

MINERALIZATION

Mineralization consists of stringers and blebs of massive to disseminated chalcopyrite, pyrrhotite and pyrite hosted by darker layers of chloritic tuff or argillite and to a lesser extent pale green sericitized tuff.

At the main showing (see Fig. 4) mineralization is exposed on both sides of the gully. On the east side three distinct layers of chalcopyrite bearing chloritic argillite are hosted by sericitic andesite tuff. The units strike 110° and dip 20° to the south. The lower mineralized horizon is about 3 m thick, composed of stringers and stockworks of chalcopyrite, pyrite, and quartz with several massive layers of chalcopyrite and pyrrhotite up to 25 cm thick. The total sulphide content averages 5-10% over 3 m. The upper two layers are 0.5-1 m thick and contain blebs and veins of chalcopyrite, pyrrhotite and quartz.



LEGEND

- stream, creek
- 4-wheel drive road
- claim boundary
- property boundary
- grid line
- camp location
- diamond drill hole location, number

- stream, creek
- 4-wheel drive road
- claim boundary
- property boundary
- grid line
- camp location
- DDH 95-3



PROBE RESOURCES LTD.		
ELLEN CLAIMS		
GRID PLAN & DRILL HOLE LOCATIONS		
<i>Graham Davidson, Consulting Geologist</i>		
SCALE: 1 : 7,500		DATE: Aug, 1995
NTS: 115 A/13	DRAWN:	FIGURE: 4

On the west side of the gully the mineralized zone is approximately 10 m thick, striking 110° and dipping 40° south. Stringers, bands and veins of chalcopyrite, pyrrhotite and quartz are exposed in a rock face composed of black chloritic tuff and sericitized andesite. The sulphides are weathered and patches of vivid azurite and malachite stain the rock. Several 10-20 cm wide quartz-chalcopyrite veins are concordant with the bedding.

Along strike approximately 100 meters northwest of the main zone patchy mineralization is exposed in several blast pits. Downstream of the main showing chalcopyrite veins are present along the walls of the gully for several hundred meters. The veins usually occur in black chloritic layers or in quartz sericite schist. A weakly mineralized horizon 0.5-3.0 m thick outcrops on both sides of the creek approximately 75 meters north of the main zone. This zone can be traced for 100 meters strike length. It consists of blebs and veins of chalcopyrite and pyrrhotite in a chloritic quartz stringer zone. The sulphide mineral content of this zone ranges from 1-2%. Several well mineralized quartz veins of 10-30 cm width occupy fractures concordant with bedding.

Ultramafic rocks at the base of the metavolcanics contain fine blebs and veinlets of pyrrhotite and minor pyrite. The total sulphide content rarely exceeds 1%. The pyrrhotite occurs as fine plates and films along fractures and cleavage planes in serpentinite.

Seventy six core samples were taken and the results are summarized in Table II.

TABLE II
DRILL INTERSECTIONS

DILL HOLE NUMBER	WIDTH	DESCRIPTION	AU PPB	CU %
DDH 95-1	87-91'	Foliated chloritic argillaceous tuff, quartz bands, stringers and blebs of massive fine grained chalcopyrite and pyrrhotite	803	3.47
	91-94'	Same as above	100	1.65
	94-101'	Same as above	207	1.15
	101-105'	Pale green andesitic tuff, sericitized, quartz banding, stringers and blebs of massive fine grained chalcopyrite	93	1.19
	87-105' (18')			1.94

TABLE II-CONT.
DRILL INTERSECTIONS

DILL HOLE NUMBER	WIDTH	DESCRIPTION	AU PPB	CU %
DDH95-2	145-152'	Foliated chloritic argillaceous tuff, quartz banding, stringers and blebs of massive fine grained chalcopyrite and pyrrhotite	6	0.365
	152-157'	Same as above	36	1.67
	157-160'	Same as above	106	1.22
	160-165'	Same as above	25	0.898
	165-170'	Same as above	49	0.572
	145-170' (25')			0.876
DDH 95-3	175-180'	Andesitic tuff, sericitized, epidote banding, a few chalcopyrite layers	6	0.416
	180-190'	Same as above	<5	0.057
	190-197'	Foliated chloritic argillaceous tuff, quartz banding, stringers and blebs of massive fine grained chalcopyrite and pyrrhotite	<5	0.351
	197-204'	Same as above	2098	1.960
	204-210'	Andesitic tuff, sericitized, quartz banding, epidote, a few chalcopyrite and pyrrhotite stringers and blebs	48	0.422
	210-220'	Same as above	16	0.216
	220-230'	Same as above	9	0.090
	230-240'	Same as above	<5	0.204
	240-250'	Same as above	8	0.178
	190-210' (20')			0.935

DIAMOND DRILLING

The drill program proceeded in a timely and well organized manner. The andesitic rocks were fairly broken with core recovery averaging 85%. In drill holes 95-1 & 95-2 water return was lost at 88 and 145 ft respectively in a ground up pebbly section of core. In drill hole 95-3 several cavities and sand seams were intersected from 0-50 ft and water return was lost at 130 ft in a section of poor core recovery. Drill holes 95-4 & 95-5 proceeded very quickly through serpentinite and metasediments.

Drill holes 95-1 to 95-3 intersected a mineralized zone which was lower grade than expected. The core is now stored at the core library in Whitehorse.

In drill holes 95-4 & 95-5 a serpentinite sill was intersected that assaying an average of 0.18% nickel.

DISCUSSION

The 1995 drill program has defined the main zone of mineralization as a series of stringers and patches of chalcopyrite and pyrrhotite over a 5-7 m width. The mineralization is volcanogenic occurring in a mafic volcanic sequence. Drill intersections are sub-economic in value but provide an interesting target.

A strong HLEM anomaly down section of the main showing located graphitic siltstone and schist hosting a serpentinite sill carrying low grade nickel values. This sequence marks a thrust fault underlying the mafic volcanic rocks.

RECOMMENDATIONS

No further drilling is suggested at this time.

STATEMENT OF COSTS

PERIOD: June 12-July 10, 1995

Northern Natural Resource Services Ltd. \$45,000.00

Manager: M. Elson
Contractors:G.S. Davidson, P.Geol.
Polar Rose Expl.

Diamond drilling and cat work \$57,476.00

Analytical Services, NAL \$ 2,449.00

TOTAL COSTS \$105,925.00

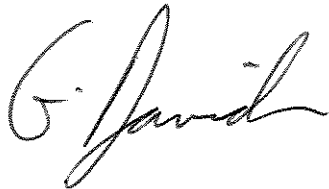
CERTIFICATE

I, GRAHAM DAVIDSON, of the City of Whitehorse, in the Yukon Territory, HEREBY CERTIFY:

1. That I am a consulting geologist and that I supervised the work program described in this report.
2. That I am a graduate of the University of Western Ontario (H.BSc., 1981).
3. That I am registered as a professional geologist by the Association of Professional Engineers, Geologists and Geophysicists of Alberta (#42038).
4. That I have been engaged in mineral exploration on a full time basis for thirteen years in the Yukon, Northwest Territories and British Columbia.
5. That I own a 24.5% interest in all proceeds from the sale or option of the Ellen claims.

SIGNED at Whitehorse, Yukon this 25th day of October, 1995.

G.S. DAVIDSON, P.Geol.

A handwritten signature in cursive script, appearing to read "G. Davidson".

REFERENCES

Report on HLEM and VLF Surveys on the Ellen Property, 1993,
Amerok Geophysics

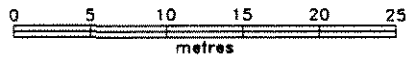
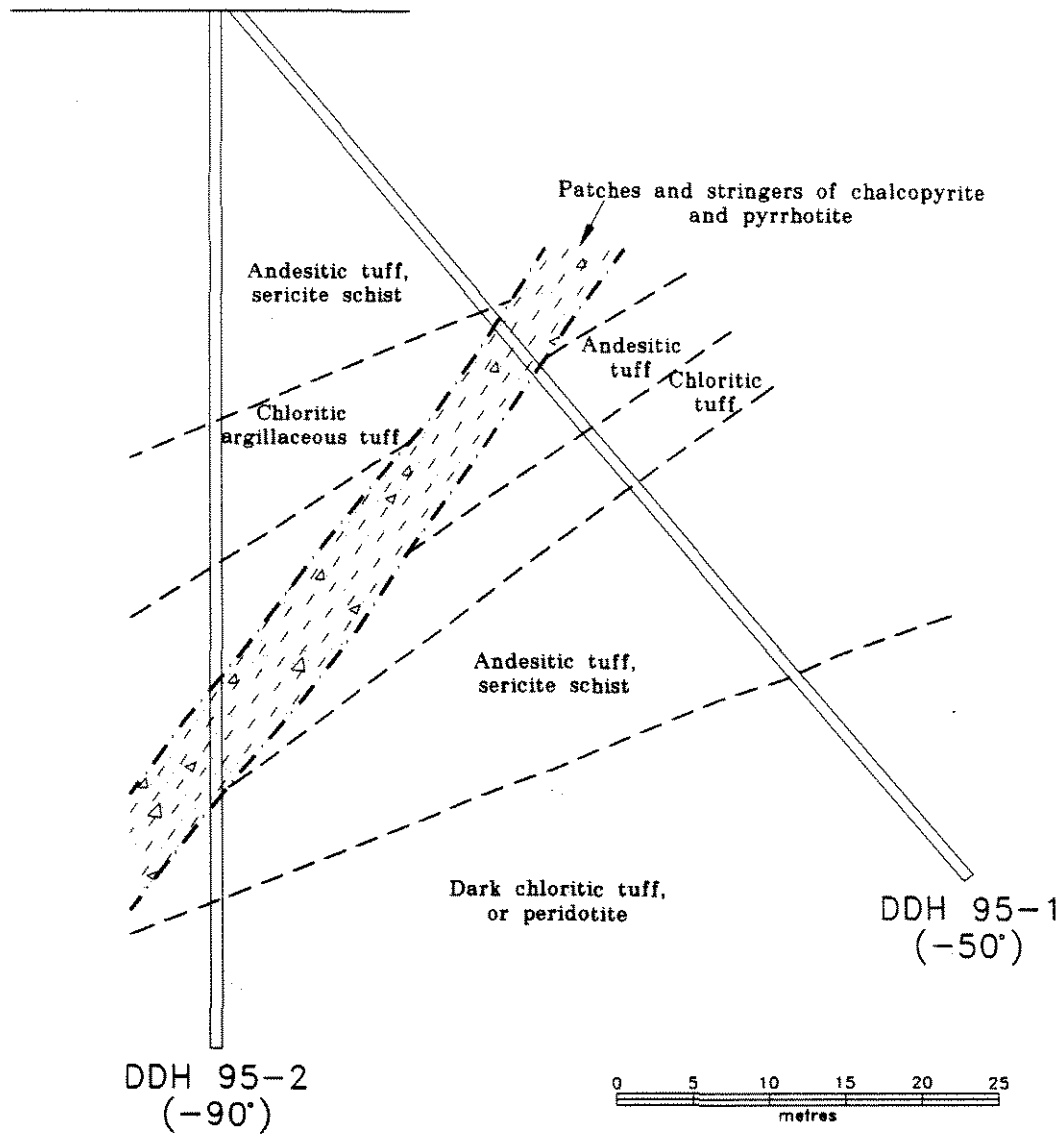
Canadian Barranca Mines Ltd., 1966, Drill Logs, Assessment
Files, DIAND

Davidson, G.S., 1990, Summary Report on the Ellen Claims,
Assessment Report, DIAND

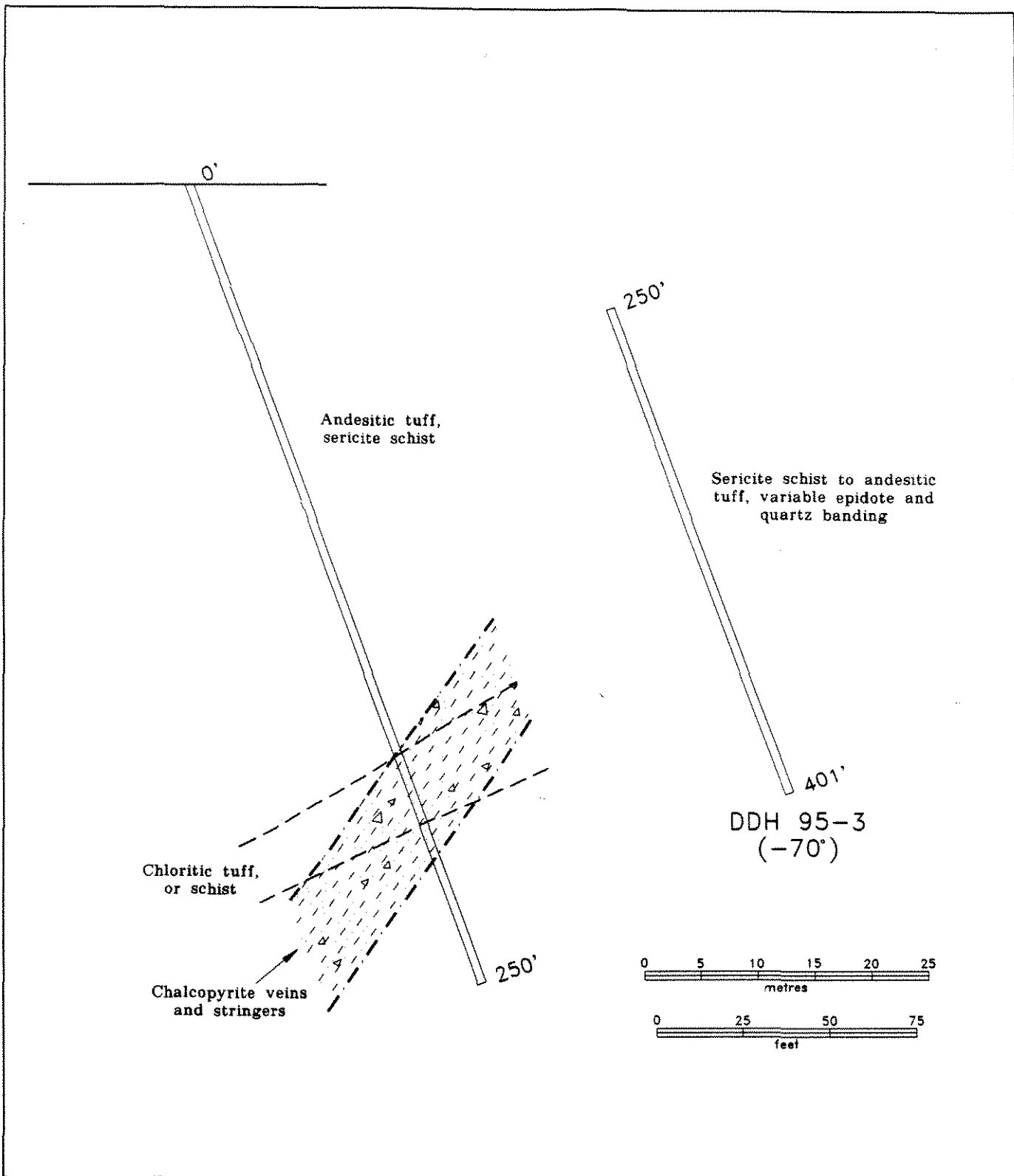
Geological Survey of Canada, Open File 829, 830 & 831
Geology Maps

Kindle, E.D., 1953, Dezadeash Map-Area, Yukon Territory,
G.S.C. Memoir 268

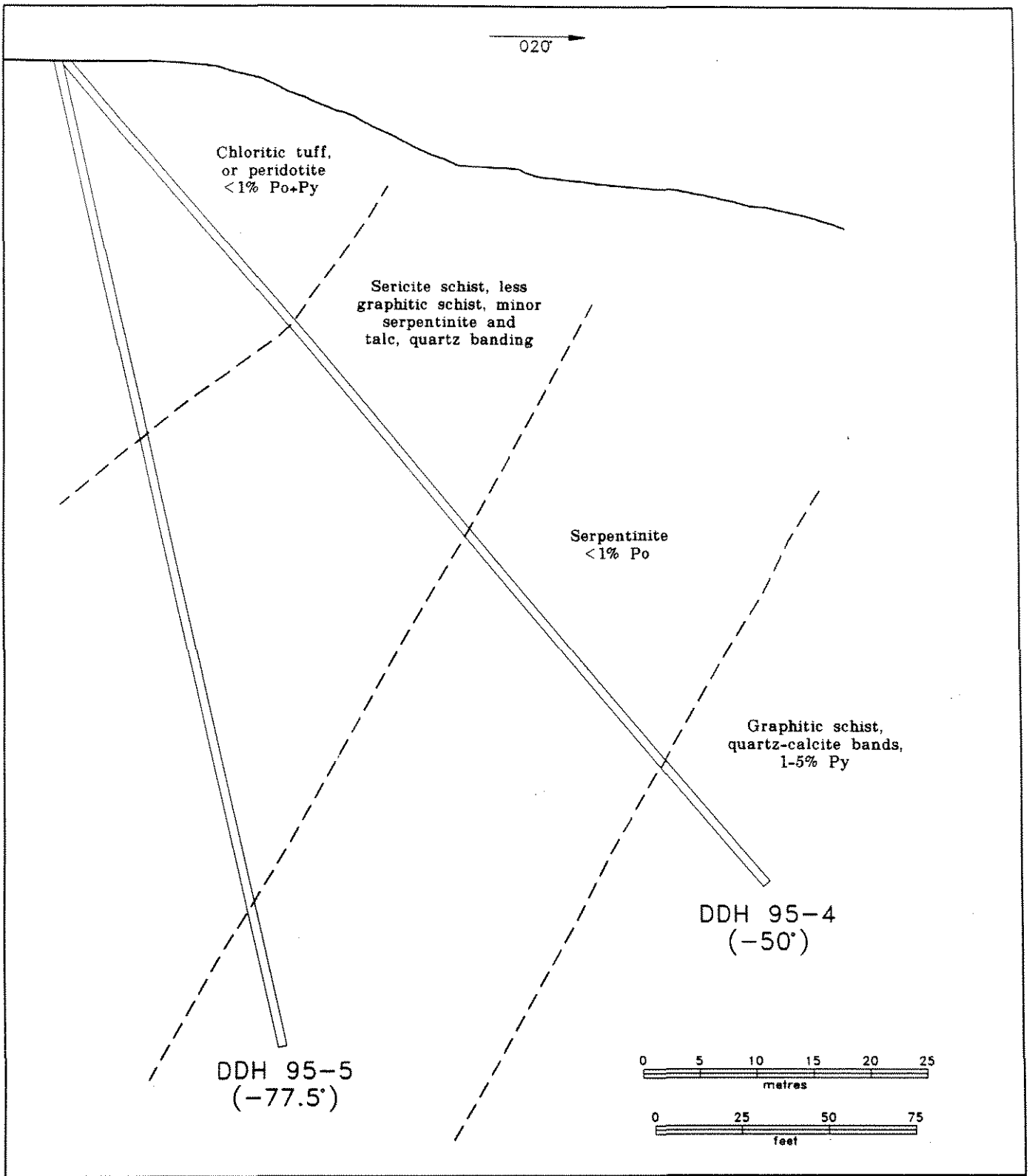
Tully, D.W., 1994, Geological Evaluation Report on the Ellen
Mineral Claim Group for Probe Resources Ltd.



PROBE RESOURCES LTD.		
ELLEN CLAIMS		
CROSS SECTION DDH 95-1 & DDH 95-2		
<i>Graham Davidson, Consulting Geologist</i>		
SCALE: 1 : 500		DATE: Aug, 1995
NTS: 115 A/13	DRAWN: <i>[Signature]</i>	FIGURE 5



PROBE RESOURCES LTD.		
ELLEN CLAIMS		
CROSS SECTION DDH 95-3		
<i>Graham Davidson, Consulting Geologist</i>		
SCALE: 1 : 500		DATE: Aug, 1995
NTS: 115 A/13	DRAWN:	FIGURE 6



PROBE RESOURCES LTD.

ELLEN CLAIMS
CROSS SECTION DDH 95-4 & DDH 95-5

Graham Davidson, Consulting Geologist

SCALE: 1 : 500

DATE: Aug, 1995

NTS: 115 A/13

DRAWN:

FIGURE 7

APPENDIX 1-DRILL LOGS

DRILL HOLE 95-1, BEARING 030 AT -50
 Grid Location 0+52S, 4+88W

DILL HOLE NUMBER	WIDTH	DESCRIPTION	AU PPB	CU %
DDH 95-1	0-87'	Light green, fine to medium grained, sericitized andesitic tuff, variable epidote and quartz bands, some carbonate veining, minor chalcopyrite and pyrite		
	87-91'	Foliated chloritic argillite, quartz bands, stringers and blebs of massive fine grained chalcopyrite and pyrrhotite	803	3.47
	91-94'	Same as above	100	1.65
	94-101'	Same as above	207	1.15
	101-105'	Pale green andesitic tuff, sericitized, quartz banding, stringers and blebs of massive fine grained chalcopyrite	93	1.19
	105-120'	Same as above, minor chalcopyrite		
	120-135'	Darker chloritic tuff, quartz and epidote banding, minor chalcopyrite		
	135-191'	Pale green sericitized tuff, variable epidote and quartz banding, minor pyrite and chalcopyrite		
	191-250'	Chloritic to graphitic tuff, some andesitic layers, minor pyrite and chalcopyrite		

DRILL HOLE 95-2, VERTICAL HOLE
 Grid Location 0+52S, 4+88W

DRILL HOLE NUMBER	WIDTH	DESCRIPTION	AU PPB	CU %
DDH 95-2,	0-41'	Pale green, sericitized andesitic tuff, epidote and quartz banding, minor pyrite and chalcopyrite		
	41-88'	Andesite and/or diorite, epidote bands, minor pyrite and chalcopyrite		
	88-120'	Foliated chloritic tuff		
	120-145'	pale green sericitized andesitic tuff		
	145-152'	Foliated chloritic tuff, quartz banding, stringers and blebs of massive fine grained chalcopyrite and pyrrhotite	6	0.365
	152-157'	Same as above	36	1.67
	157-160'	Same as above	106	1.22
	160-165'	Same as above	25	0.898
	165-170'	Same as above	49	0.572
	170-195'	Andesitic tuff, epidote banding, minor chalcopyrite and pyrite		
	195-229'	Black chloritic tuff, quartz banding, <1% chalcopyrite and pyrite		

DRILL HOLE 95-3, BEARING 040 AT -70
 Grid Location 0+70S, 4+40W

DILL HOLE NUMBER	WIDTH	DESCRIPTION	AU PPB	CU %
DDH 95-3, -70 at 40 bearing	0-175	Pale green sericite andesitic tuff, variable epidote and quartz banding, some calcite veining, minor pyrite		
	175-180'	Andesitic tuff, sericitized, epidote banding, a few chalcopyrite stringers and patches	6	0.416
	180-190'	Same as above	<5	0.057
	190-197'	Foliated chloritic tuff, quartz banding, stringers and blebs of massive fine grained chalcopyrite and pyrrhotite	<5	0.351
	197-204'	Same as above	2098	1.960
	204-210'	Andesitic tuff, sericitized, quartz banding, epidote, a few chalcopyrite and pyrrhotite stringers and blebs	48	0.422
	210-220'	Same as above	16	0.216
	220-230'	Same as above	9	0.090
	230-240'	Same as above	<5	0.204
	240-250'	Same as above	8	0.178
	250-401'	Sericite andesite tuff, variable epidote and quartz banding, minor pyrite and pyrrhotite, minor chalcopyrite especially in chloritic and quartz rich layers, limonite on fractures		

DRILL HOLE 95-4, BEARING 020 AT -50
 Grid Location 0+78N, 4+34W

DILL HOLE NUMBER	WIDTH	DESCRIPTION	AU PPB	NI %
DDH 95-4, -50 AT 30 BEARING	0-105'	Pale green to black foliated andesitic tuff, sericite, chlorite, quartz and epidote banding, < 1% pyrrhotite and pyrite, minor chalcopyrite		
	105-171'	Light grey siltstone with a few layers of graphitic siltstone, quartz-carbonate bands and veins		
	171-276'	Serpentinite, talc layers at contacts, fine grained pyrrhotite along fractures, as blebs and on cleavage surfaces		
	276-320'	Graphitic schist, quartz bands, 1-5% pyrite		

DRILL HOLE 95-5, BEARING 020 AT -77.5
 Grid Location 0+78N, 4+34W

DILL HOLE NUMBER	WIDTH	DESCRIPTION	AU PPB	NI %
DDH 95-5,	0-112'	Black to green chloritic or sericitic tuff, epidote and quartz banding		
	112-189'	Sericite schist, a few chlorite schist layers, quartz banding, < 1% pyrrhotite and pyrite		
	189-261'	Graphitic or sericitic quartz schist, a few talc and black siltstone layers, some serpentinite, < 1% pyrrhotite and pyrite		
	261-302'	Serpentinite, fine grained pyrrhotite along fractures, as blebs and on cleavage surfaces		

APPENDIX 2

14/07/95

Assay Certificate

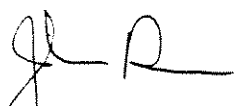
Page 1

Graham Davidson

WO#27976

Sample #	30 gm Au ppb	Ag ppm	Co ppm	Ni ppm	Cr ppm	Cu %	
18001	<5	<0.1	31	67	168	0.020	47-52'
18002	<5	<0.1	34	71	185	0.019	52-59'
18003	<5	<0.1	27	45	131	0.069	77-87'
18004	803	2.6	79	67	230	3.470	87-91'
18005	100	0.5	76	72	279	1.650	91-94'
18006	207	0.4	58	63	203	1.150	94-101'
18007	93	0.4	48	62	199	1.190	101-105'
18008	11	<0.1	13	28	89	0.020	105-110'
18009	<5	<0.1	47	65	196	0.218	110-115'
18010	<5	<0.1	32	73	218	0.053	115-120'
18011	41	<0.1	40	39	87	0.120	120-125'
18012	6	<0.1	30	69	192	0.086	125-130'
18013	<5	<0.1	32	70	198	0.087	130-135'
18014	5	0.1	35	72	203	0.078	200-205'
18015	<5	<0.1	35	72	193	0.030	205-210'
18016	<5	<0.1	34	34	69	0.024	210-215'
18017	<5	0.1	44	72	205	0.050	215-220'
18018	<5	<0.1	37	85	230	0.039	220-225'
18019	12	<0.1	37	78	189	0.041	225-230'
18020	6	<0.1	34	70	184	0.020	70-75'
18021	<5	<0.1	33	69	174	0.021	75-85'
18022	<5	<0.1	32	69	178	0.020	85-95'
18023	<5	<0.1	33	68	206	0.020	95-105'
18024	<5	<0.1	32	63	201	0.040	105-115'
18025	36	<0.1	33	49	136	0.090	115-125'
18026	<5	<0.1	37	60	189	0.031	125-135'
18027	<5	<0.1	39	63	202	0.091	135-145'
18028	6	0.2	37	54	183	0.365	145-152'
18029	36	0.5	66	72	174	1.670	152'-157'
18030	106	0.5	50	63	164	1.220	157-160'
18031	25	0.2	61	74	179	0.898	160-165'
18032	49	0.2	77	79	241	0.572	165-170'
18033	24	<0.1	41	58	199	0.060	170-180'
18034	<5	<0.1	36	49	151	0.024	180-190'

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14/07/95

Assay Certificate

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Graham Davidson

WO#27976

Sample #	30 gm Au ppb	Ag ppm	Co ppm	Ni ppm	Cr ppm	Cu %	
18035	21	0.2	39	24	31	0.254	190-200'
18036	<5	<0.1	36	21	24	0.038	200-210'
18037	<5	<0.1	34	60	156	0.068	210-220'

} 95-2

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21/07/95

Assay Certificate

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WO#27980

Sample #	30 gm Au ppb	Cu %	
18038	<5	0.023	160-170'
18039	<5	0.017	170-175'
18040	6	0.416	175-180'
18041	<5	0.057	180-190'
18042	<5	0.351	190-197'
18043	2098	1.960	197-204'
18044	48	0.422	204-210'
18045	16	0.216	210-220'
18046	9	0.090	220-230'
18047	<5	0.204	230-240'
18048	8	0.178	240-250'
18049	<5	0.016	250-260'
18050	<5	0.019	260-264'
18051	<5	0.126	264-267'
18052	<5	0.041	267-275'
18053	<5	0.019	275-285'
18054	<5	0.025	285-295'
18055	<5	0.032	295-304'
18056	<5	0.187	304-309'
18057	5	0.102	309-315'
18058	<5	0.050	342-352'

95-3

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24/07/95

Assay Certificate

Page 1

Graham Davidson

WO#27991

Sample #

Ni %

Sample #	Ni %	Depth	Notes
18059	0.007	25 - 35'	} 95-4
18060	0.005	35 - 45'	
18061	0.005	80 - 90'	
18062	0.006	90 - 100'	
18063	0.190	230 - 240'	
18064	0.182	240 - 250'	
18065	0.180	250 - 260'	
18066	0.167	260 - 270'	
18067	0.110	270 - 280'	
18068	0.006	280 - 290'	
18069	0.012	290 - 300'	} 95-5
18070	0.006	30 - 40'	
18071	0.006	40 - 50'	
18072	0.005	50 - 60'	
18073	0.159	260 - 270'	
18074	0.167	270 - 280'	
18075	0.176	280 - 290'	
18076	0.206	290 - 300'	

Certified by






CERTIFICATE OF ANALYSIS

iPL 95G2505

2036 Columbia Street
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

INTERNATIONAL PLASMA LABORATORY LTD.

Northern Analytical Laboratories 18 Samples

Out: Aug 04, 1995 Project: 27991
In: Jul 25, 1995 Shipper: Norm Smith
PO#: 054687 Shipment: ID=C030900
Msg: Au/Pd/Pt(FA/AAS 30g)

0= Rock 0= Soil 0= Core 0=RC Ct 18= Pulp 0=Other [050616:51:04:59080495]
Raw Storage: -- -- -- -- 12Mon/Dis -- Mon=Month Dis=Discard
Pulp Storage: -- -- -- -- 12Mon/Dis -- Rtn=Return Arc=Archive

Document Distribution

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YT Y1A 2Z7 0 0 0 1 0

ATT: Norm Smith Ph:403/668-4968
Fx:403/668-4890

Analytical Summary

Table with columns: ##, Code, Met, Title, Limit, Limit, Units, Description, Element, ##. Contains 3 rows of analytical data for Au, Pd, and Pt.

CERTIFICATE OF ANALYSIS

iPL 95G2505

2036 Columbia Street
 Vancouver, B.C.
 Canada V5Y 3E1
 Phone (604) 879-7878
 Fax (604) 879-7898

INTERNATIONAL PLASMA LABORATORY LTD.

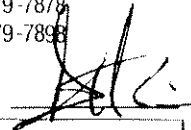
Client: Northern Analytical Laboratories
 Project: 27911 18 Pulp

iPL: 95G2505

Out: Aug 04, 1995
 In: Jul 25, 1995

Page 1 of 1
 [050616:51:08:59080495]

Section 1 of 1
 Certified BC Assayer: David Chiu



Sample Name	Au ppb	Pd ppb	Pt ppb
18059	P <	<	<
18060	P <	<	<
18061	P <	<	<
18062	P 7	<	<
18063	P 102	<	<
18064	P <	<	<
18065	P 18	<	<
18066	P <	<	<
18067	P <	<	<
18068	P <	<	<
18069	P 4	<	<
18070	P 6	<	<
18071	P 29	<	<
18072	P <	<	<
18073	P <	<	<
18074	P <	<	<
18075	P 168	<	<
18076	P 197	<	<

Min Limit 2 5 15
 Max Reported* 9999 10000 10000
 Method FAAA FA/AAS FA/AAS

---No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate
 2036 Columbia St. Vancouver BC V5Y 3E1 Ph: 604/879-7878 Fax: 604/879-7898