MAP NO.	**ASSESSMENT REPORT**	X	**DOCUMENT NO.:**	092148
	PROSPECTUS		**MINING DISTRICT:**	WATSON LAKE
	CONFIDENTIAL	X	**TYPE OF WORK:**	GEOLOGICAL, DIAMOND DRILLING
105 H 9	**OPEN FILE**			

REPORT FILED UNDER: Vista Resource Co. Ltd.

DATE PERFORMED: July 22-28, 1987 **DATE FILED:** Apr. 18, 1988

LOCATION: **LAT.:** 61°39'N **AREA:** Tungsten

LONG.: 128°07'W **VALUE $:** 4,000.00

CLAIM NAME & NO.: SUN 1-8 YA54675-683; SUN 9-10 YB00835-836

WORK DONE BY: D.J. Brownlee; D.G. Allen (A & M Exploration Ltd.)

WORK DONE FOR: Vista Resource Co. Ltd.

DATE TO GOOD STANDING		REMARKS:
		#29 RAIN Geological mapping (1:5000 scale) and magnetic surveys (5.6 line-km) and four diamond drill holes (389 m) were done. Skarn is 10 m thick, flat-lying and contains up to 0.48% Cu and 920 ppb Au; 2 magnetic anomalies.

A&M exploration ltd.
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TELEPHONE (604) 681-0191 V6C 1E1

GEOLOGICAL and DIAMOND DRILLING REPORT

on the

SUN PROPERTY

Watson Lake Mining Division - Yukon Territory

Lat. 61° 39' N. Long. 128° 07' W.

N.T.S. 105 H/9

for

VISTA RESOURCE CO. LTD.

by

D. J. Brownlee (B.Sc.), Geologist

and

D. G. Allen, P.Eng. (B.C.)

September 21, 1987 Vancouver, B.C.

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 4000.00.

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon

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SUMMARY

Vista Resource Co. Ltd. holds the SUN 1 to 10 claims in the Logan Mountains of southeastern Yukon. The claims are situated 182 kilometres north of Watson Lake. Access is by helicopter, although the Nahanni Range Road (Highway 10) passes 12 kilometres west of the property.

The claims cover copper-silver-gold mineralization which displays both skarn and epithermal characteristics. Copper mineralization in the form of chalcopyrite occurs in diopside-garnet skarn along with pyrite and pyrrhotite and minor amounts of magnetite, sphalerite and marcasite. Gold mineralization occurs in minor amounts in the skarns, in a siliceous pyrite-rich breccia and in significant amounts in fine-grained locally banded quartz veins.

In 1987 a program of diamond drilling was initiated to test the known skarn type mineralization. A total of 389 metres in four holes were drilled. Drilling revealed that the skarn zone is flat lying and 10 metres thick. Massive sulphide-rich portions carry up to 0.48% copper and 920 parts per billion gold. The skarn contains interesting bismuth contents (up to 2755 parts per million or 0.28%) and contains anomalous amounts of arsenic (up to 2953 parts per million), silver (up to 2.8 ppm) and tungsten (up to 171 ppm). Prospecting and mapping in the eastern part of the claim revealed the presence of scattered quartz veins up to 2 metres wide. Significant gold values were found in several veins. Best precious metal values are from an 8 centimetre pyrite-galena-quartz vein which assayed 0.66 ounces per ton gold and 10.6 ounces per ton silver. A magnetic survey was conducted over and adjacent to the main showing as a guide to future drilling. Two prominent magnetic anomalies were located, one over the known skarn showing and the other in an overburden covered area.

A program of follow-up mapping, rock sampling, magnetic surveys and diamond drilling is recommended to further evaluate the property.

CONCLUSION

Work to date on the SUN property indicates the presence of two significant exploration targets. Skarn type mineralization appears to be related to dikes of quartz feldspar porphyry which cut lime-rich zones in metasiltstones and quartzites. Adjacent to and apparently superimposed on the skarn zone are quartz $\pm$ calcite veins, locally intense silicification and a silica-sulphide rich breccia. The quartz in the breccia is fine-grained and somewhat cryptocrystalline (chalcedonic) in texture suggesting near-surface deposition, possibly in a hot spring environment. Perhaps both the dike emplacement and later brecciation, silicification, and quartz veining were related to a fault structure. Elsewhere on the claims gold-bearing quartz veins, which occur in scattered outcrops in the valley bottom as much as one kilometre east of the main showing, also appear to be epithermal in nature. This "epithermal-type" mineralization therefore may be widespread.

An exploration program is warranted to futher test the skarn showings and the related and untested magnetic anomalies, and to evaluate and outline the distribution of the gold-bearing quartz veins.

RECOMMENDATION

A follow-up exploration program is recommended to further evaluate the SUN property. Magnetic surveys should be expanded to locate and fully define any other magnetic anomalies which might be associated with skarn mineralization. In conjunction with magnetic surveys, VLF-electromagnetic surveys might assist in delineating any structures which appear to control known mineralization. Detailed geological mapping and rock sampling should be conducted on and around the claim group to determine control and distribution of the vein type gold mineralization. Diamond drilling should be carried out on the targets generated. Estimated costs for Phase IA (surface surveys), Phase IB (initial diamond drilling) and Phase II (follow-up diamond drilling) are $38,000, $159,000, and $181,000, respectively.

Donald G. Allen

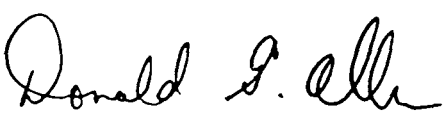
ESTIMATED COST OF RECOMMENDATION

PHASE IA Geological mapping, rock sampling, magnetic and VLF-electromagnetic surveys.

Salaries		
Geologist	20 man-days @ $300/day	$ 6,000
Assistant (Magnetometer operator)	20 man-days @ $250	5,000
Room and board	40 man-days @ $50	2,000
Travel, vehicle rental		5,000
Helicopter support	10 hours @ $600/hr.	6,000
Magnetometer & VLF-EM rental		1,500
Camp supplies, expediting, radio rental		2,000
Geochemical analyses and assay		2,000
Consulting, supervision, reports		4,000
	Subtotal	$33,500
	Contingencies	4,500
	Total Phase 1A	$38,000

PHASE IB **Diamond drilling.**

Mobilization-Demobilization		$10,000
Drilling	2,500 ft. @ $35/ft. (all inclusive)	87,500
Helicopter	50 hours @ $600/hr.	30,000
Geochemical analyses, assay		2,000
Supervision, management, consulting		10,000
Report preparation		5,000
	Subtotal	$144,500
	Contingencies	14,500
	Total Phase 1B	$159,000
	TOTAL OF PHASES IA and 1B	**$197,000**



ESTIMATED COST OF RECOMMENDATION (Cont'd.)

PHASE II Provision for additional diamond drilling.

Mobilization - Demobilization		$ 10,000
Drilling	3,000 ft. @ $35/ft (all incl.)	105,000
Helicopter	55 hrs. @ $600	33,000
Geochemical analyses, assay		2,500
Supervision, management, consulting		10,000
Report preparation		5,000
	Subtotal	165,500
	Contingencies	15,500
	TOTAL PHASE II	$181,000

Donald G. Allen

INTRODUCTION

Vista Resource Co. Ltd. holds an option on the SUN claims whereby Vista can earn a 51% interest in the claims by undertaking certain expenditures. To this end the company initiated a program of preliminary diamond drilling to test skarn type copper-silver-gold mineralization and associated sulphide mineralization with epithermal characteristics exposed in a valley bottom. This report describes results of a magnetic survey and 389 metres (1275 feet) of diamond drilling conducted during the period July 20th to August 9th, 1987. Drilling was carried out by Arnold Kendrick Drilling and work supervised by D. J. Brownlee of A & M Exploration Ltd.

The SUN property (also formerly known as the RAIN property) is in the Selwyn Tungsten belt, one of the major tungsten belts of the world. The property lies 34 kilometres to the south of the Canada Tungsten Mine (1977 Reserves: 4 million tons grading 1% WO_3 - Cummings and Bruce, 1977). This belt also hosts important base metal skarn deposits such as Mt. Hundere (2.7 million tons grading 12.9% zinc, 8% lead, 1.9 ounces of silver per ton) which is currently being drilled by Canamax Resources Ltd., as well as major stratabound lead-zinc deposits.

LOCATION, ACCESS, PHYSIOGRAPHY

The SUN property is situated 182 kilometres north of Watson Lake and 34 kilometres south of Tungsten (Canada Tungsten Mine site, Figure 1).

Access at present is by helicopter, although the Canada Tungsten road lies 12 kilometres west of the property (Figure 2).

The SUN property is in the Logan Range of the Selwyn Mountains. Topography in the claim area is rugged, with sharp mountain ridges with cirque basins and U-shaped valleys being the dominant features. Elevations range from 1500 to 1710 metres. The claims cover a relatively broad cirque valley bottom. Outcrops occur mainly on the

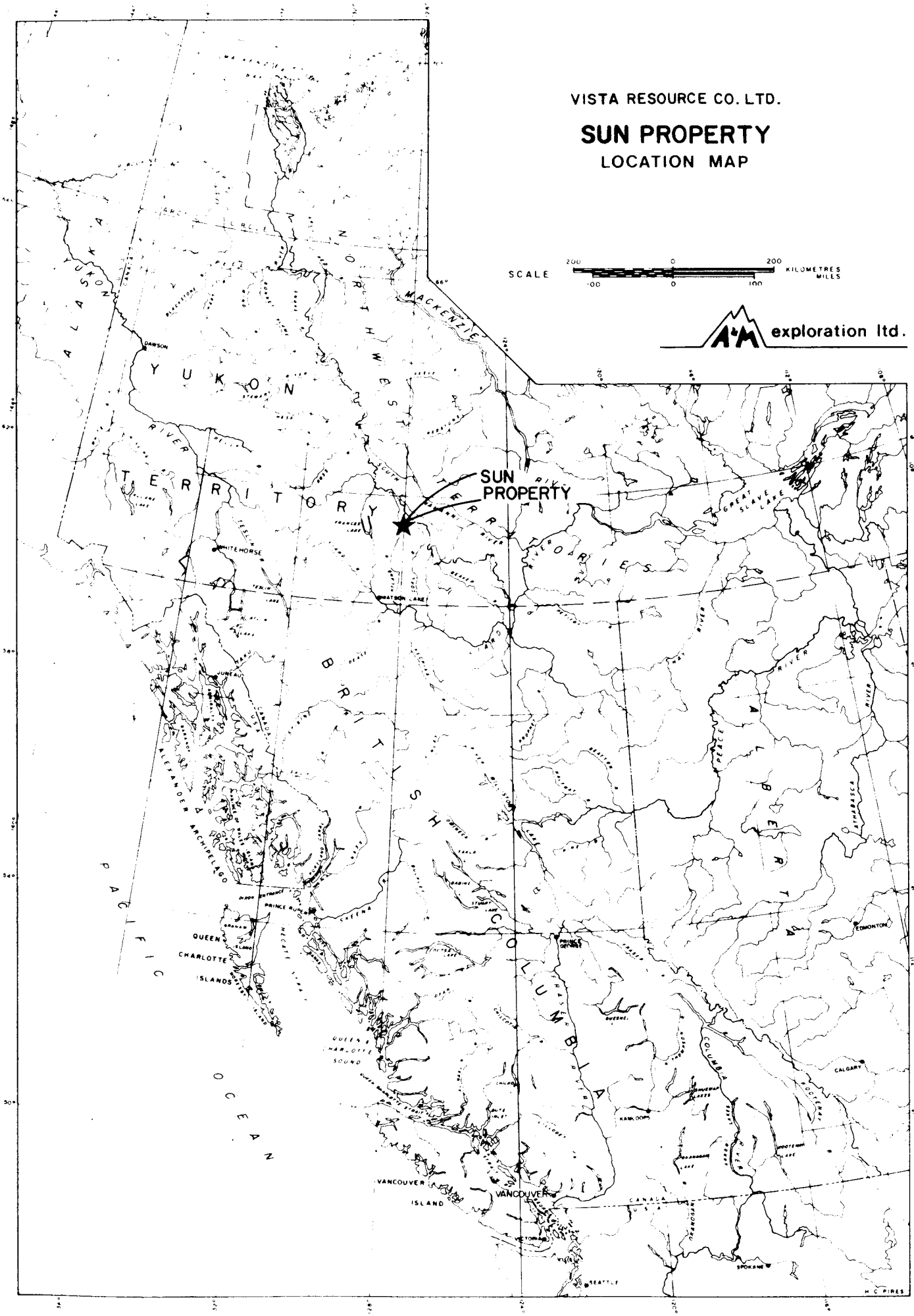
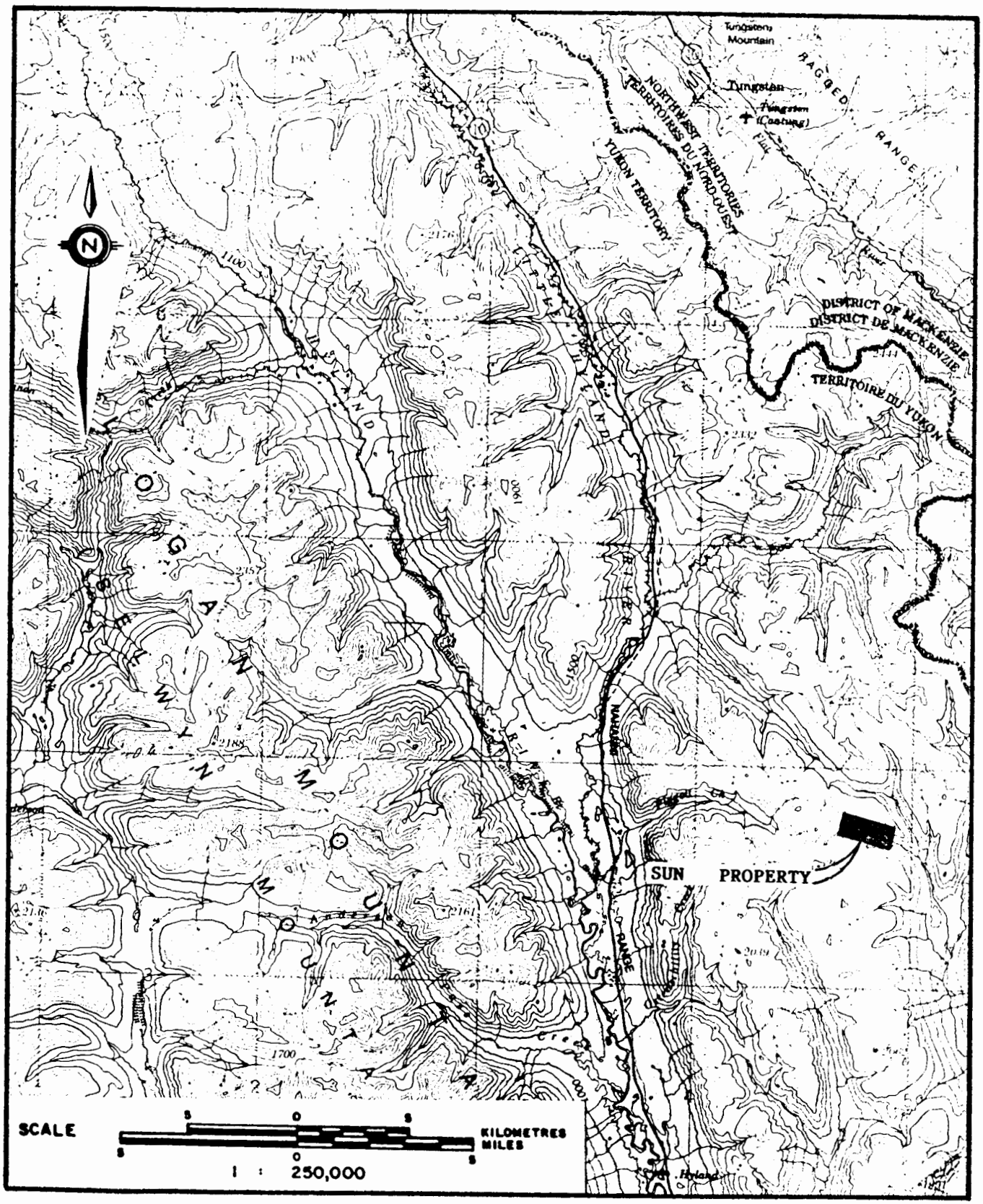

VISTA RESOURCE CO. LTD.
SUN PROPERTY
LOCATION MAP
SCALE
200 0 200 KILOMETRES
100 0 100 MILES
A+M exploration ltd.
SUN PROPERTY
YUKON TERRITORY
NORTHWEST TERRITORIES
BRITISH COLUMBIA
ALBERTA
ALASKA
PACIFIC OCEAN
DAWSON
WHITEHORSE
WATSON LAKE
FORT NELSON
PRINCE RUPERT
QUEEN CHARLOTTE ISLANDS
QUEEN CHARLOTTE SOUND
VANCOUVER ISLAND
VANCOUVER
PRINCE GEORGE
KAMLOOPS
EDMONTON
CALGARY
SPOKANE
SEATTLE
GREAT SLAVE LAKE
MACKENZIE RIVER
PEACE RIVER
ATHABASCA RIVER
COLUMBIA RIVER
ROCKY MTNS.
ALEXANDER ARCHIPELAGO
CANADA
U.S.
H.C. PIRES

FIGURE – 1



N.T.S. 105 H

VISTA RESOURCE CO. LTD.

ACCESS MAP

SUN PROPERTY

WATSON LAKE MINING DISTRICT - YUKON TERRITORY

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Figure 2

steeper walls of the valley; however scattered outcrops, including the main showing, occur where the creek has cut through glacial deposits of gravel and till.

CLAIMS

The SUN property is comprised of ten claims (Figure 3). The SUN 1 to 8 are registered in the name of Conquest Exploration Ltd. and are held under option by Vista Resource Co. Ltd. Vancliffe Resources retains a 10% interest in the claims. The SUN 9 and 10 claims were staked by D. J. Brownlee and will be transferred to the company when record numbers are received. Claim data are as follows:

Claim Name	Record No.	Expiry Date
SUN 1 to 8	YA 54675 to YA 54682	May 28, 1988
SUN 9 to 10	not yet received	August 10, 1988

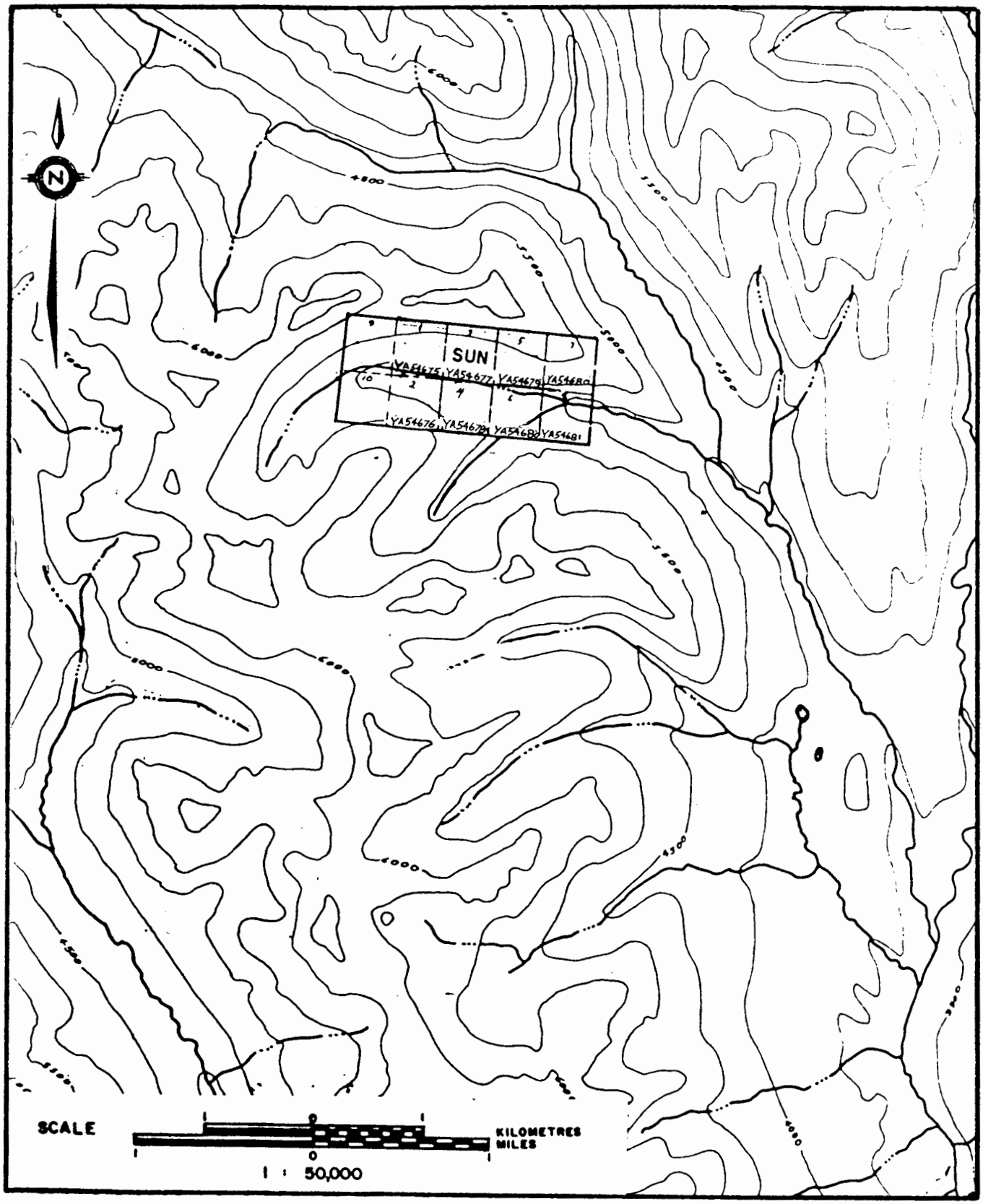
HISTORY

The SUN property was originally staked as the RAIN claims in 1964 by Norquest Joint Venture Syndicate (Anaconda, Asbestos Corp., Bralorne Pioneer, Granby, New Jersey Zinc and Utah Mines) who subsequently undertook geological mapping and magnetic surveys (Dawson and Reeve, 1985). The property was held in 1975 by B. Corrigan. It was restaked as the SUN claims in 1980 by J. C. Turner (Vancliffe Resources) who sold to Conquest Exploration Ltd.

1987 WORK PROGRAM

The 1987 exploration program consisted of geological mapping, magnetometer surveys and diamond drilling.

A flagged grid of 5.6 line kilometres was established and was surveyed, at 25 metre intervals and 100 metre line spacing, utilizing a Scintrex MP-2 magnetometer.



N.T.S. 105 H/9

VISTA RESOURCE CO. LTD.

CLAIM MAP

SUN PROPERTY

Watson Lake Mining District - Yukon Territory

A·M exploration ltd.

Figure 2

The area of the main showing was mapped at a scale of 1:1,000 reconnaisance mapping carried out at a scale of 1:5,000 over the remainder of the property and surrounding area. A total of 23 rock samples were collected and analysed for gold by standard atomic absorption techniques and 12 samples for a selected 30 element analysis by inductively coupled plasma spectrometry.

A total of 388.62 metres of BQ size core was drilled in a total of four holes. The core was logged and a total of 104 core samples were selected, of which 51 (DDH 380.01 & 02) were analysed for 30 elements and the rest for gold as described above.

GEOLOGY

Regional Geology

The SUN property is in the Frances Lake Map-Area, which was mapped by Roots (1966). Regionally the property lies in the Selwyn basin, a broad, deep or restricted sedimentary basin in the western part of the northern Cordilleran miogeosyncline. This basin was filled with shale, chert and limestone during Early Cambrian to Devonian time (see Gordey et al 1981) and subsequently folded and uplifted in early Cretaceous time. The rocks underlying the claim area probably represent the floor of the Selwyn basin. They consist of shale, sandstone, grit and limestone of Late Proterozoic (Windermere) age called the "Grit Unit".

Tungsten and base metal skarns in the southeastern Yukon and southwestern District of Mackenzie are associated with post-Tectonic plutons of mid Cretaceous age (Selwyn Plutonic suite). Anderson (1983) described two northwest-trending plutonic belts (Figure 4). The northeastern belt comprises granite and granodiorite with hornblende as an essential component. The southeastern belt also consists of granite and granodiorite which contain little or no hornblende.

Property Geology

The property is underlain by a sequence of sedimentary of probable late Precambrian age.

Interbedded dirty brown micacous schists and arkosic sandstone

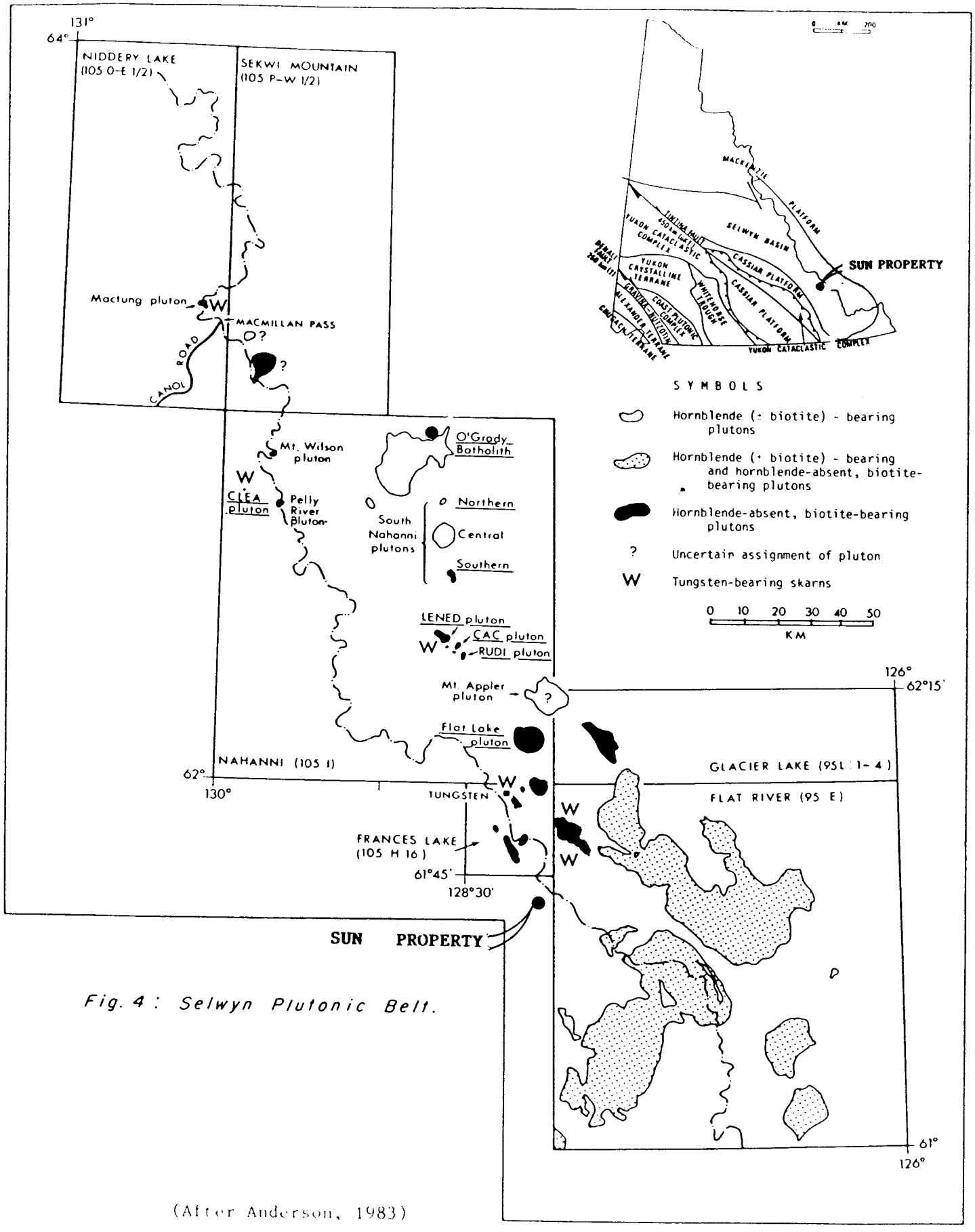
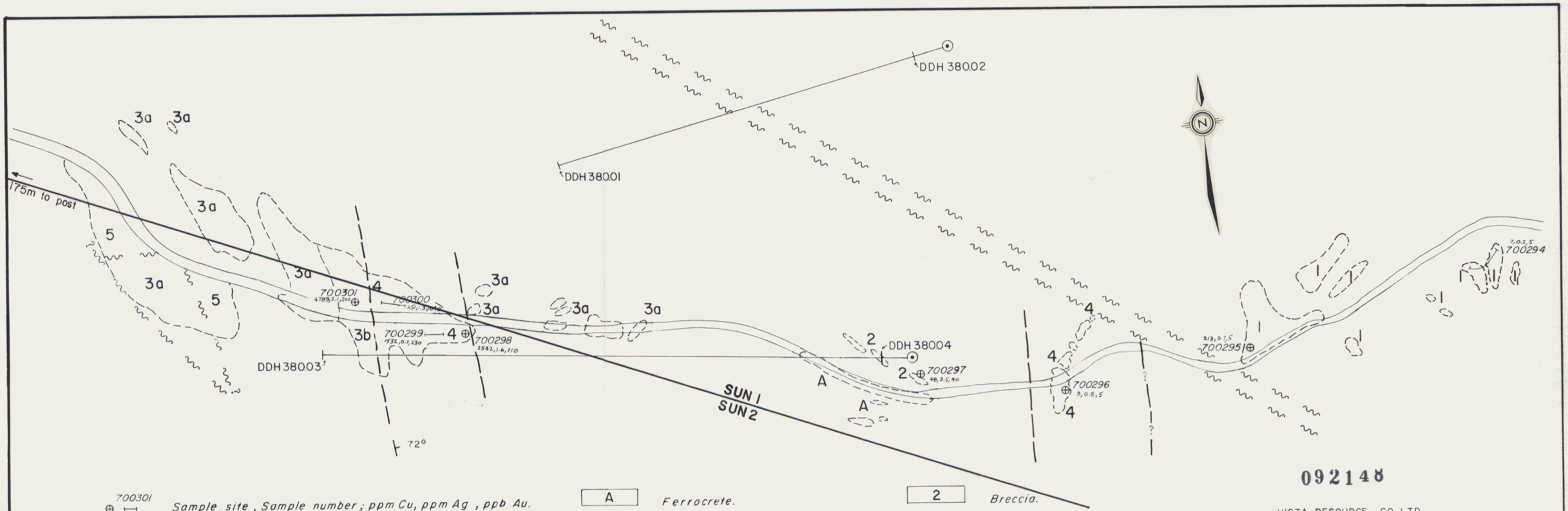


Fig. 4 : Selwyn Plutonic Belt.

(After Anderson, 1983)



700301 — Sample site, Sample number; ppm Cu, ppm Ag, ppb Au.

DDH 380.01 — Diamond drill hole.

Geological contact.

Outcrop.

Fault.

Note: All drill core stored at drill site.

A — Ferrocrete.

5 — Quartz feldspar porphyry.

4 — Felsite dyke.

3 — 3a Diopside–garnet skarn. 3b Sulfide–rich skarn.

2 — Breccia.

1 — Quartzite.

Donald G. Allen
A·M exploration ltd

SCALE 1 : 500 (20 0 20 METRES; 50 0 50 FEET)

092148

VISTA RESOURCE CO. LTD.

SUN PROPERTY
DETAILED GEOLOGY, SAMPLE SITES & DRILL HOLE SITES CREEK SHOWING

WATSON LAKE MINING DIVISION — YUKON TERRITORY

Sept. 1987

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N.T.S. 105 H/9

FIGURE 6

(Unit 1, Figures 5 and 6), in part silicified, outcrop along the creek on the eastern portion of the claims. The schists occur in beds one to four metres thick. This sequence is gently folded with a north-south fold axis trend. A major north-south fault with associated brecciation, silicification and a banded quartz vein of cryptocrystalline quartz transects this lower sequence on the SUN 7 claim.

A massive arkosic to quartzitic sandstone with associated conglomerate outcrops along the creek on the SUN 4 claim. This sandstone unit is tens of metres thick and relatively flat lying.

A major northwest trending normal fault forms the western contact of the sandstone with a felsite dike (Unit 4, Figure 6). The felsite dike is a medium brown weathering rock with a blocky fracture. On a fresh surface, it has a whitish granular texture with up to 5% disseminated pyrite. A second felsite dike outcrops in the creek 30 metres upstream and has 15-25% quartz veinlets, in part vuggy and 30-45% pyrite in a 5-25 centimetre wide zone along its western margin.

This second felsite dike cuts a zone of skarn mineralization extending 25 metres downstream and 10 metres upstream. This skarn zone consists of massive pyrrhotite, magnetite, pyrite and minor chalcopyrite grading out into a zone of pyroxene, garnet, tremolite-actinolite, chlorite, epidote skarn. The skarn has replaced a calcareous sedimentary unit and is indicated by drilling to be approximately 10 metres thick with a gentle eastward dip.

A third dike of quartz feldspar porphyry (unit 5) is in fault contact with the skarn on the western-most exposure. The skarn is in a fault contact with a quartz feldspar porphyry to the west.

Bluish green to greenish slates and interbedded arkosic sandstones and conglomerates outcrop along the ridges surrounding the property. These are cut by several major north-south fault zones approximately 150 to 300 metres apart. Several quartz feldspar porphyry dikes 2 to 8 metres wide have intruded along these fault zones.

The whole package has been gently folded with a north-south fold axis and amplitudes of only tens of metres.

MINERALIZATION AND ALTERATION

Two types of contrasting mineralization and alteration assemblages occur on the SUN property. The most prominent is a high temperature copper-iron ± gold bearing skarn assemblage (Unit 3, Figure 6). The second type appears to be a low temperature mineralizaton which comprises a silicified and pyrite-rich breccia (Unit 2, Figure 6), locally intense silicification, clay and sericite alteration and quartz ± calcite veins. The latter appear to have characteristics of epithermal type mineralization and for the purposes of this report will be termed as such.

Skarn Mineralization

The skarn mineralization apparently has developed along a calcareous horizon within the sedimentary sequence adjacent to quartz feldspar porphyry and felsite dikes. The core of the skarn zone consists of massive pyrrhotite, magnetite, pyrite and chalcopyrite. This massive sulphide core grades laterally and vertically into a dark green skarn containing variable amounts of diopside, garnet, tremolite-actinotite, epidote and chlorite. The zone, where intersected in drill holes 1 and 2 is approximately 10 metres thick and has a 10 to 15 degree eastward dip.

The felsite dikes adjacent to the skarn are weakly clay-altered, and near contacts with the skarn contain up to 30% disseminated pyrite and numerous 2 to 4 millimetre vuggy quartz veinlets.

Epithermal Mineralization

Underlying the skarn zone in exposures in the creek bottom, is a breccia comprised of angular to subangular fragments of shale, argillite and calcareous argillite in a matrix of variably silicified and pyritized siltstone. Locally pyrite forms up to 80% of the matrix and is layered or bedded in an outcrop near grid station 11+00N, 12+70E. Where silica forms the majority of the matrix it is very fine grained and somewhat chalcedonic in appearance. The breccia, where intersected in drill holes 3 and 4, is up to 12 metres thick and overlies a 3 metre zone of broken rubble and sand which may be an old erosion surface or possibly a fault zone. A few marcasite veins up to 2 centimetres wide

have been observed in the breccia. The above features (bedded pyritic mudstone matrix of the breccia, scattered marcasite veins, chalcedonic quartz) suggest that the breccia may have formed in a near surface environment, possibly in a hot spring environment.

Quartz-calcite veins occur in the metasedimentary rocks below the breccia and the skarn zone. The veins are in part vuggy, range up to 2 centimetres wide and are spatially associated with pervasive argillic and/or sericitic alteration (Figures 7a to k). These underlying rocks where intersected by drilling and outcropping 100 to 150 metres downstream from the skarn zone are comprised of 25 to 75% clay minerals with up to 10% sericite. Pyrite forms up to 10% of the quartz-calcite veins and occurs in trace to minor amounts as disseminations in the clay altered metasediments.

Fine grained banded quartz veins occur in outcrops in the creek bed on the eastern part of the claim group (SUN 7 claim). Minor amounts of pyrite along with anomalous gold values occur in the veins. Galena, chalcopyrite and pyrite were observed in one vein which returned good gold values. The relationship of these veins to the skarn zone and the epithermal mineralization in the main zone is not known at present. It is possible that epithermal mineralization may be widespread and should be investigated.

DIAMOND DRILLING

A total of 388.62 metres of drilling in four holes was conducted on the SUN property as follows:

Drill Hole No.	Grid Location	Azimuth	Dip Angle	Length
388.01	11+30N,13+01E	253°	-43°	87.47 m
388.02	11+30N,13+01E	253°	-86°	70.1 m
388.03	11+02N,12+76E	270°	-55°	158.5 m
388.04	11+02N,12+76E	270°	-87°	72.54 m

Drill logs are presented in Appendix I. Drill holes are plotted in plan on Figure 6 and in profile on Figures 7a to 7h and 8a to 8i. Drill

holes 1 and 2 were drilled to test and sample the skarn zone and holes 3 and 4 to test the silicified breccia and underlying stratigraphy.

ANALYTICAL RESULTS

A total of 74 surface rock and drill core samples were collected for gold and/or 30 element I.C.P. (inductively coupled plasma) analysis. Results are included in Appendix II and selected results included in drill logs. Surface sample sites along with copper, silver and gold analytical results are plotted on Figures 5 and 6. Selected analytical results are plotted in bar chart form on drill hole profiles by computer on Figures 8a to 8i. The more significant results of sampling of various types of mineralization are summarized below and in Table 1

Skarn Zone

Results of surface sampling on the sulphite-rich portion of the skarn zone are as follows:

Sample No.	Copper %	Au oz/ton	Ag oz/ton	Remarks
70282	0.46	0.01	Tr	Dawson & Reeve, 1965
70283	0.29	0.01	Tr	Dawson & Reeve, 1965
978	0.57	0.002	0.17	Tully, 1980
980	0.08	0.026	0.01	Tully, 1980
700301	0.48	0.006		This report

Comparable results were obtained from drill core analyses, with copper values ranging from 0.08 to 0.48% and gold values ranging from 5 to 920 parts per billion (to 0.026 ounces per ton). The skarn also contains anomalous amounts of arsenic (up to 2900 parts per million or 0.29%), bismuth (up to 2755 parts per million or 0.27%), along with weakly anomalous amounts of lead (up to 134 parts per million), silver (up to 2.8 parts per million), and tungsten (up to 171 parts per million).

Epithermal Mineralization

Interesting gold values were obtained in altered and quartz veined

SUN PROPERTY

ROCK SAMPLE DESCRIPTIONS

Sample No.	Description	Au ppb
706221	7-8 cm quartz-pyrite-galena vein cutting quartz pebble conglomerate.	0.66 oz/ton
706222	10 cm quartz-pyrite vein 36 metres upstream from 221.	40
706223	Composite chip sample of two one-metre quartz veins (2 metres apart) containing disseminated pyrite.	500
706224	Irregular milky white quartz vein up to 25 cm wide containing scattered clots and seams of pyrite.	40
700294	2.0m channel quartzite - 50% of matrix argillically altered, up to 5% sericite altered.	5
700295	Grab sample - quartzite/50-60% of matrix argillically altered, up to 5% sericite alt. & 5-10% pyrite along fracture coating.	5
700296	Grab sample - creamy white granular felsic dike with 1-4mm qtz. stringer and up to 10% pyrite assoc. with qtz. stringer and minor disseminations.	5
700297	Grab - flow breccia; 1-20cm angular fragments of shale, arg. limestone, quartzite in a 60-80% pyrite matrix showing flow banding.	40
700298	Grab - creamy white granular felsic dike with 10% disseminated pyrite.	110
700299	1.0m felsic dike with 10% disseminated pyrite and fracture filling.	230

SUN PROPERTY

ROCK SAMPLE DESCRIPTIONS (Cont'd.)

Sample No.	Description	Au ppb
700300	1.0m margin of felsic dike with 25% qtz. stringers 1-10mm wide, in part vuggy with 15-20% pyrite.	1840
700301	Grab - massive pyrrhotite, magnetite, pyrite ± chalcopyrite skarn with minor pyroxene.	200
700372	0.50m silicified arkosic sandstone; 3% disseminated pyrite.	
700373	0.8m quartz sweat within a silicified arkosic sandstone.	5
700374	0.60m medium brown weathering sericite schist.	5
700375	0.25m qtz vein - 1% pyrite within a silicified arkosic sandstone.	5
700376	1-5cm bull qtz vein crosscutting a massive coarse arkosic sandstone.	5
700377	Grab - massive coarse arkosic sandstone.	5
700378	Grab - silicified arkosic sandstone with 1% disseminated pyrite.	5
700379	Resample of 706223	590
700380	Grab - banded cryptocrystalline quartz with 3% disseminated pyrite.	290
700381	Grab - silicified arkosic sandstone (wall rock).	40
700382	Grab - brecciated silicified arkosic sandstone and banded quartz with 10% pyrite.	1860

felsite in the main zone, in the vuggy quartz calcite veins, in the altered metasedimentary rocks, and in the quartz veins on the SUN 7 claim. Some of the more significant gold values are as follows:

	Au		
Sample No.	ppb	oz/ton	Remarks
700334	1780	0.052	Quartz-calcite veined and altered metased. 1.44 m core sample.
700347	1000	0.019	As above, 0.91 me core sample.
700300	1840	0.054	Quartz veined felsite dike, 1m channel sample.
706221		0.662	7-10 cm quartz vein with galena, sphalerite and pyrite. Silver analysis: 10.6 oz/ton.
700372	1860	0.054	Banded quartz vein.

MAGNETOMETER SURVEY

A total of 5.6 line kilometres of magnetic surveys were carried out. A flagged grid was established at 25 metre intervals and line spacing of 100 metres. A Scintrex MP-2 proton magnetometer was utilized for the survey. The baseline (Line 10+0) was run twice and corrected for diurnal variation and then used as control to correct the crosslines for diurnal variation.

A 1:2500 scale contour map and a 1:4286 scale 3D isometric projection with a 0.3 times exaggeration of the vertical scale of the magnetometer data were produced by computer (Figures 9a and b).

The magnetometer data shows two 400 gamma+ magnetic highs (base level - 58750 gammas) striking north-south with a gentle easterly dip. These magnetic highs are labeled anomalies 1 and 2 for east and west highs, respectively. A north-west trending low transects the number 1 anomaly and is interpreted to represent a normal fault.

The surface mapping and drilling shows that the number 1 anomaly is directly related to the skarn zone outcropping in the creek bed.

547000 547250 547500 547750

6837500 6837250 6837000

LEGEND

- Diamond Drill hole (approximate orientation.)
- Fault
- (1) Magnetometer anomaly

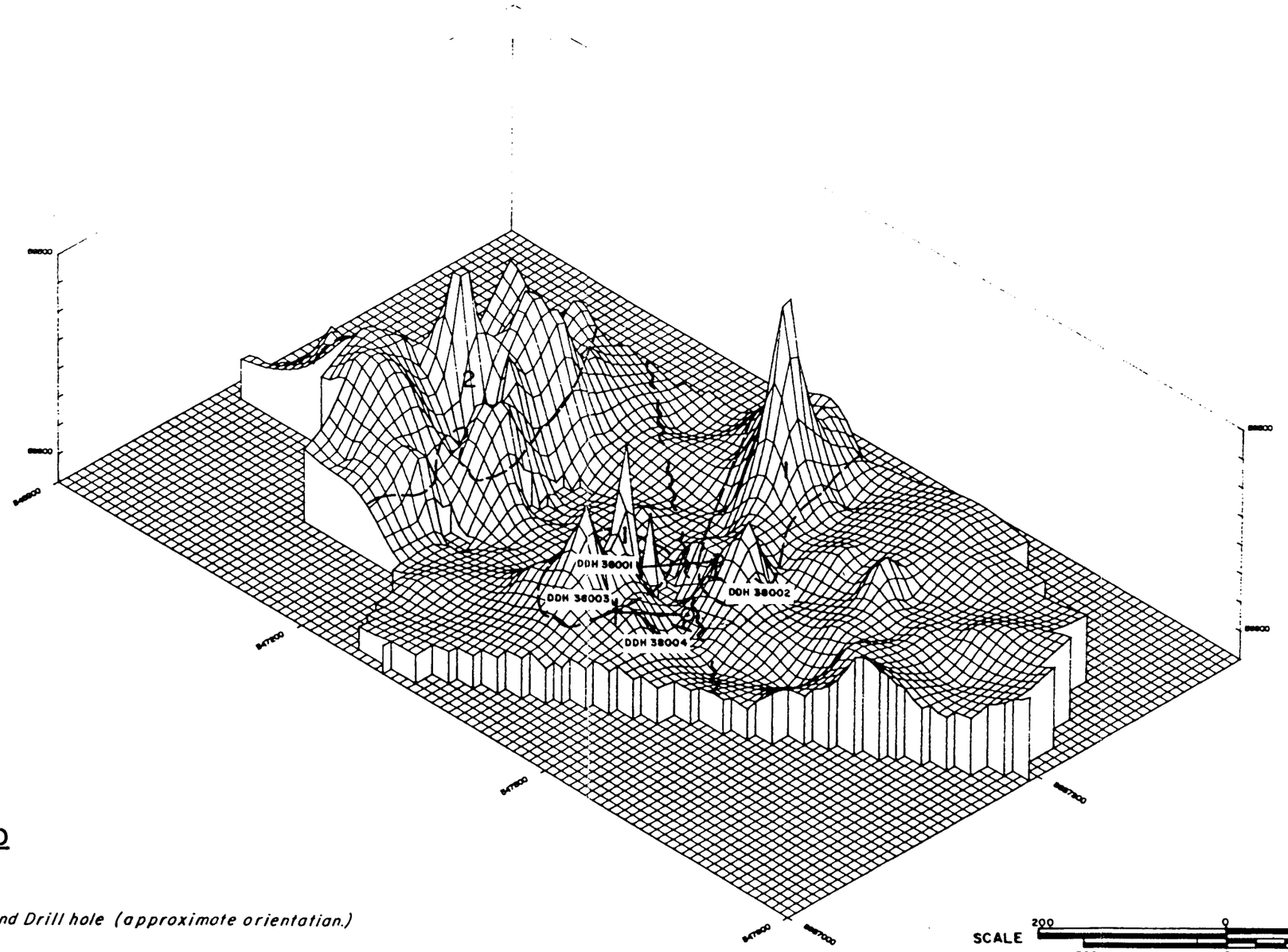
VISTA RESOURCES Co. Ltd.
Magnetometer Survey
Sun Property
Scale 1: 2500.0

0 50 100 150 200 250 M

Date: 6 Sept 87

A·M exploration ltd

FIGURE 9a



LEGEND

- Diamond Drill hole (approximate orientation.)
- Fault
- (1) Magnetometer anomaly

SCALE 200 0 200 METRES
500 0 500 FEET
1 : 5,000

VISTA RESOURCES CO. LTD.

SUN 9to10 CLAIMS

1987 — MAGNETOMETER SURVEY
PERSPECTIVE

A·M exploration ltd

SEPT. 87

N.T.S. 105 H

FIGURE 9b

Anomaly number 2 which occurs in an overburden-covered area is interpreted to be the response to another skarn or extension of the same skarn zone and is considered to be a drill target.

Donald G. Allen

REFERENCES

Anderson, R. G. (1983). Selwyn Plutonic Suite and its Relationship to Tungsten Skarn Mineralization, Southeastern Yukon and District of Mackenzie. Geol. Survey Canada, Paper 83-1B, pp. 151-163.

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Dawson, J. M. and Reeve, A. F. (1965). 'Rain' Group. Norquest Joint Venture. Five assessment report maps.

Gordey, S. P.; Wood, D.; and Anderson, R. G. (1981). Stratigraphic Framework of Southeastern Selwyn Basin, Nahanni Map Area. Geol. Survey of Canada, Paper 81-A1, pp. 395-398.

Harris, F. R. (1977). Geology of the MacMillan Tungsten Deposit. 1976 Yukon Mineral Industry Report, Open File Edition, May, 1977.

Roots, E. F.; Green, L. H.; Roddick, J. A.; Blusson, S. L. (1966). Frances Lake Map Area. Geol. Survey Canada Map 6-1966.

Tulley, D. W. (1980). Report on the Sun 1-8 Claim Group. Report for Conquest Exploration Ltd.

CERTIFICATE

I, Douglas J. Brownlee, do hereby certify that:

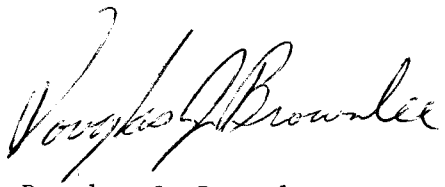
1. I am a geologist residing at Suite 101, 2615 Lonsdale Avenue, North Vancouver, British Columbia.

2. I am a graduate in Geology Specialization from the University of Alberta (1980).

3. I have practised my profession in British Columbia since January, 1980.

4. This report is based on fieldwork carried out personally during the period July 18, 1987 to August 12, 1987.

5. I hold no interest nor do I expect to receive any in the SUN claims, nor in Vista Resource Co. Ltd.



Douglas J. Brownlee,
Geologist

CERTIFICATE

I, Donald G. Allen, certify that:

1. I am a Consulting Geological Engineer, at A & M Exploration Ltd., with offices at Suite 704, 850 West Hastings Street, Vancouver, British Columbia.

2. I am a graduate of the University of British Columbia with degrees in Geological Engineering (B.A.Sc., 1964; M.A.Sc., 1966).

3. I have been practising my profession since 1964 in British Columbia, the Yukon, Alaska and various parts of the Western United States.

4. I am a member in good standing of the Association of Professional Engineers of British Columbia.

5. This report is based on fieldwork carried out personally on July 18 to 20, 1987 and on fieldwork carried out by D. J. Brownlee.

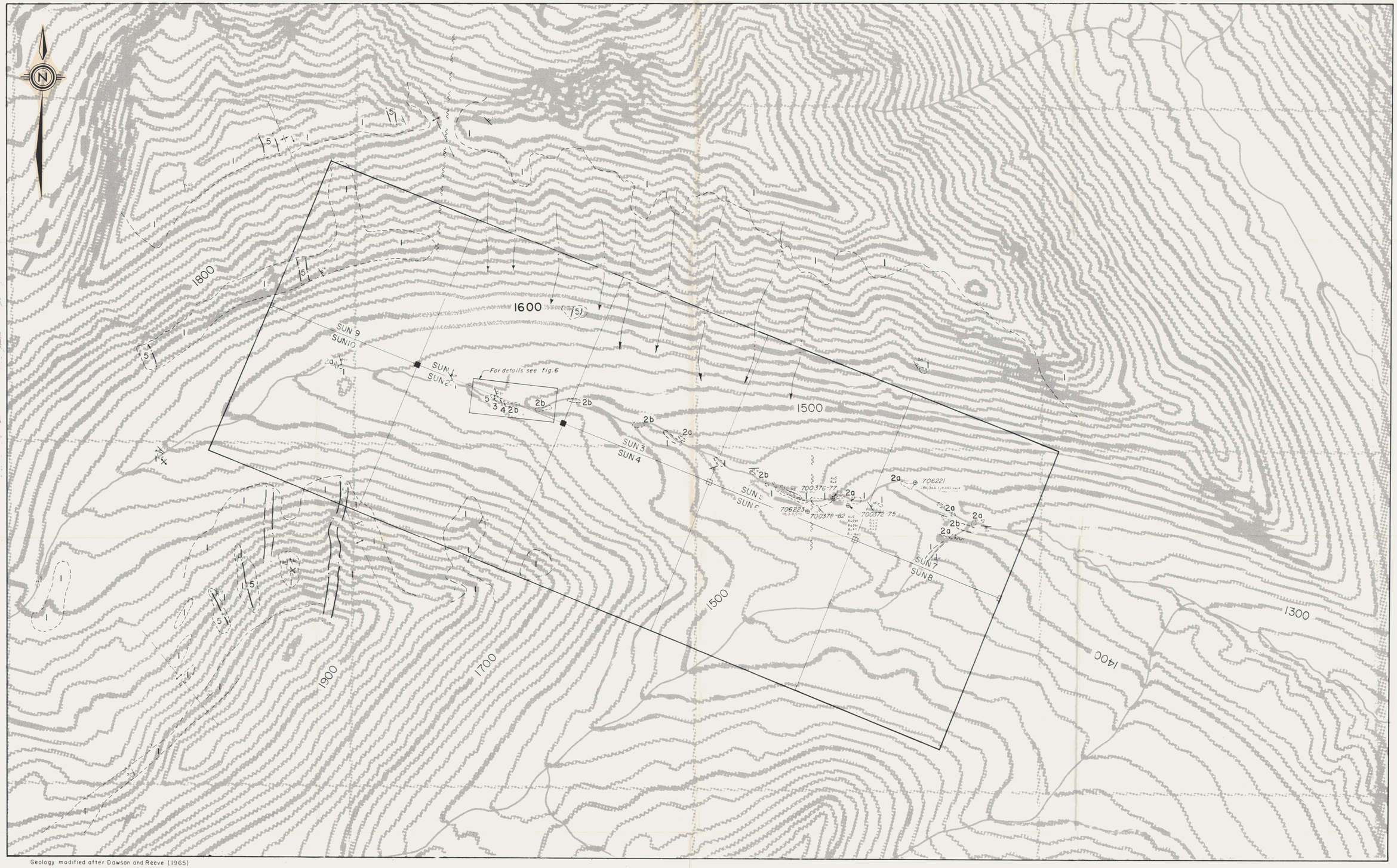
6. I hold no interest, nor do I expect to receive any, in the SUN property nor in Vista Resource Co. Ltd.

7. I consent to the use of this report in a Statement of Material Facts or in a Prospectus in connection with the raising of funds for the project covered by this report.

Donald G. Allen

September 21, 1987
Vancouver, B.C.

Donald G. Allen,
P. Eng. (B.C.)



Geology modified after Dawson and Reeve (1965)

LEGEND

- 5 — Quartz feldspar porphyry.
- 4 — Mineraliztion – Pyrrhatite, chaleopyrite.
- 3 — Garnet pyromene skran.
- 2 — 2a Silicified &/or Brecciated rock. 2b With pyrite.
- 1 — Slate, Quartzite, Arkosic sandstone, Sericitic schists.

- Geological contact.
- Outcrop boundary.
- Fault.
- 700377 — Rock sample, Sample number ppm Cu, ppm Ag, ppb Au.
- Claim post, Claim boundary.
- Creek, Drainage
- 1600 — Topographical contour, Contour interval 20 meters.
- Syncline, Anticline.

VISTA RESOURCE CO. LTD.

SUN PROPERTY

WATSON LAKE MINING DIVISION — YUKON TERRITORY

GEOLOGICAL MAP

092148

SCALE 200 0 200 400 METRES / 500 0 500 1000 FEET

1 : 5,000

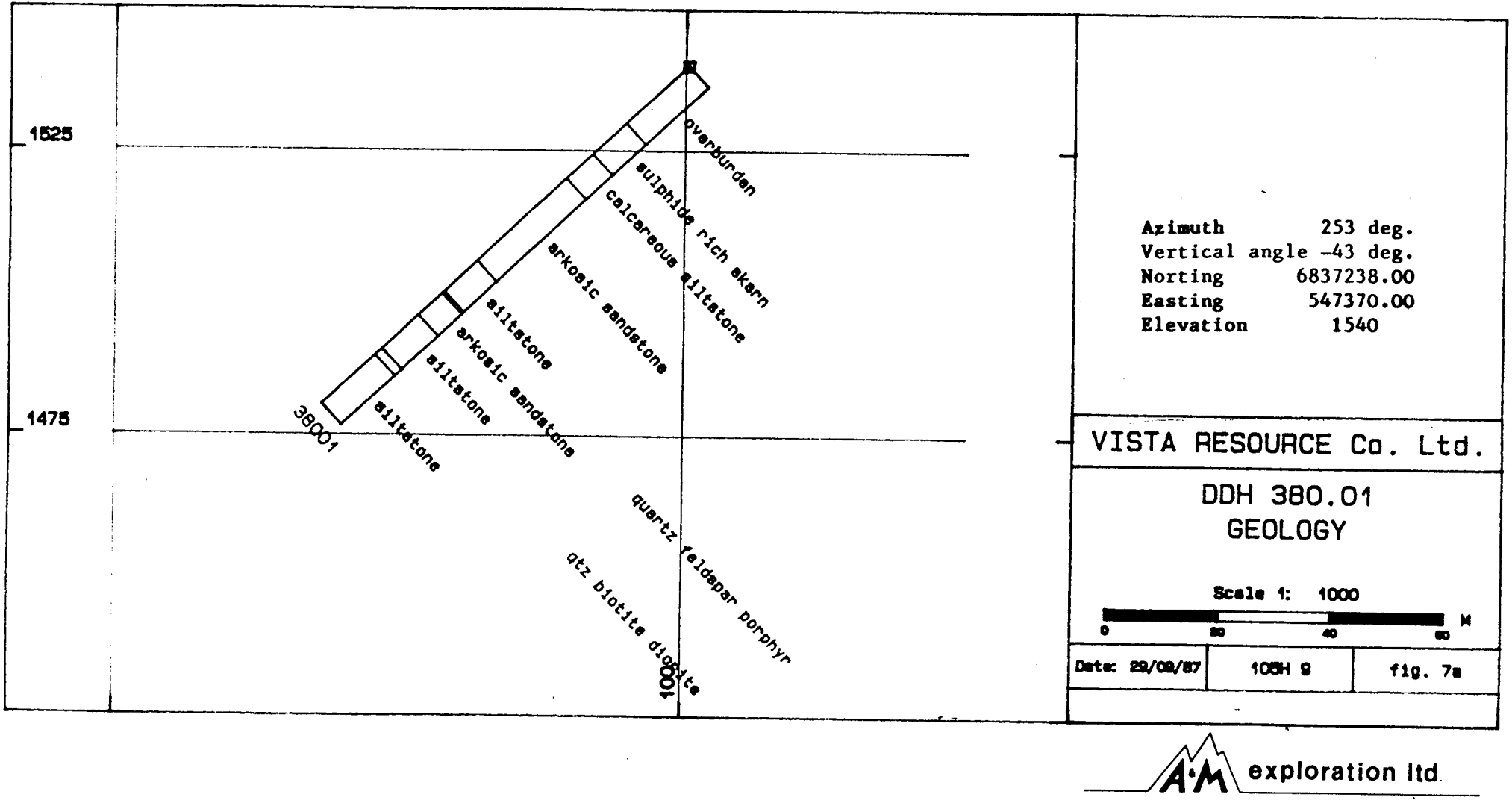
A·M exploration ltd.

SEPT, 1987

N.T.S. 105H/9

(101)

FIGURE 5



Azimuth	253 deg.
Vertical angle	-43 deg.
Norting	6837238.00
Easting	547370.00
Elevation	1540

VISTA RESOURCE Co. Ltd.

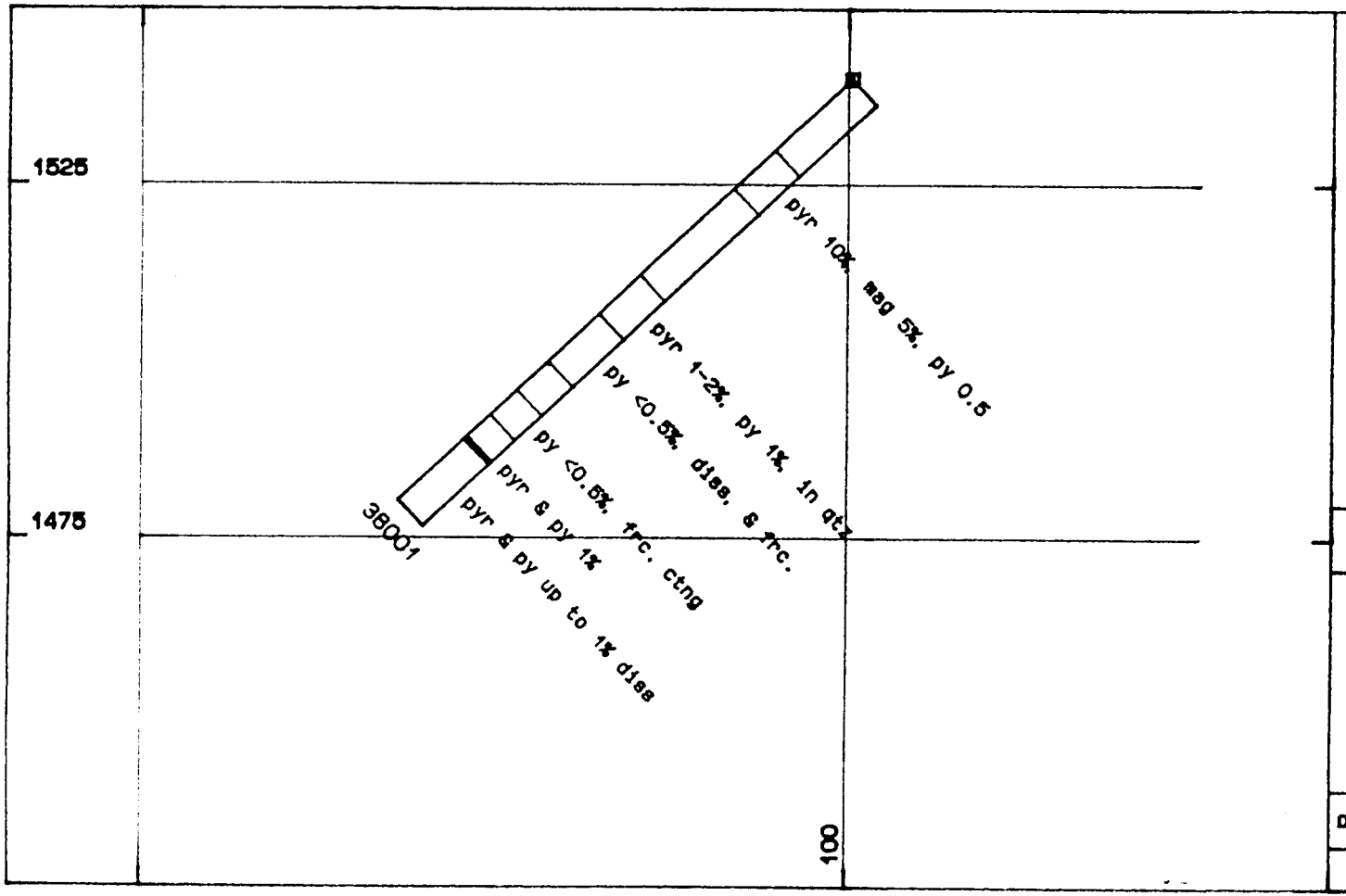
DDH 380.01
GEOLOGY

Scale 1: 1000

0 20 40 60 M

Date: 29/08/87	105H 9	fig. 7a

A&M exploration ltd.



Azimuth	253 deg.
Vertical angle	-43 deg.
Norting	6837238.00
Easting	547370.00
Elevation	1540

VISTA RESOURCE Co. Ltd.

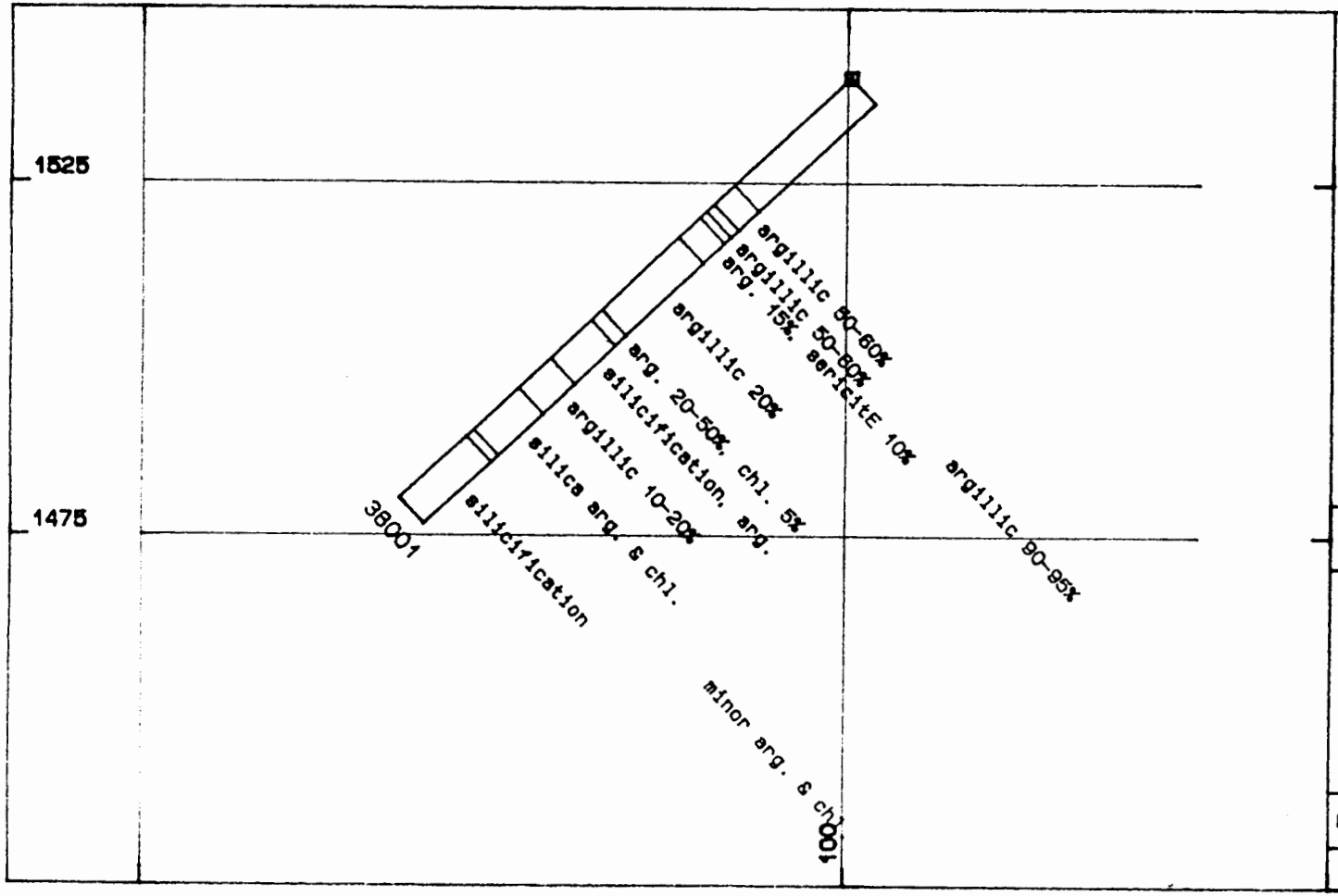
DDH 380.01
MINERALIZATION

Scale 1: 1000

0 20 40 60 M

Date: 29/09/87	105H 9	fig. 7b

A·M exploration ltd.



Azimuth	253 deg.
Vertical angle	-43 deg.
Norting	6837238.00
Easting	547370.00
Elevation	1540

VISTA RESOURCE Co. Ltd.

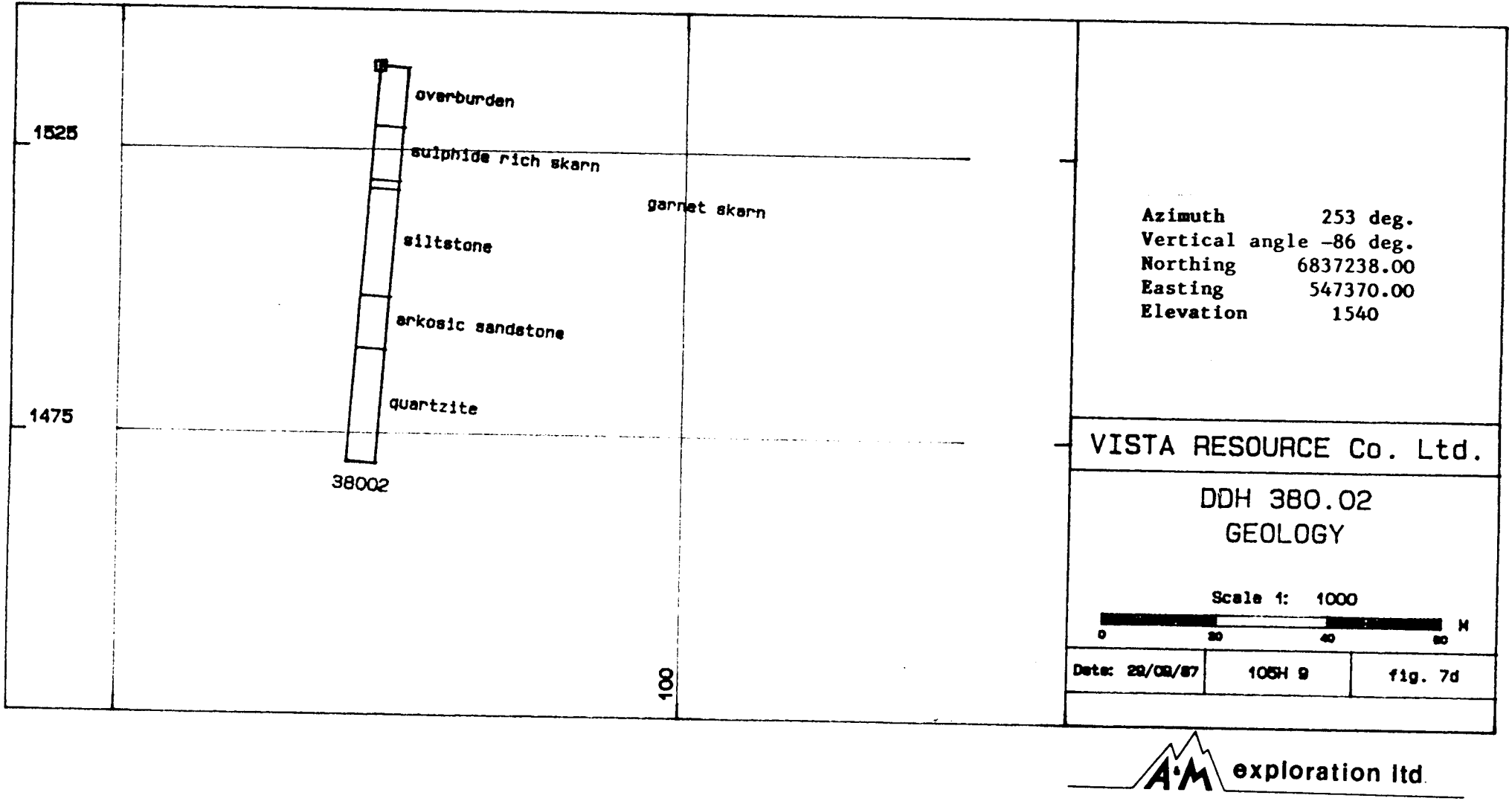
DDH 380.01
ALTERATION

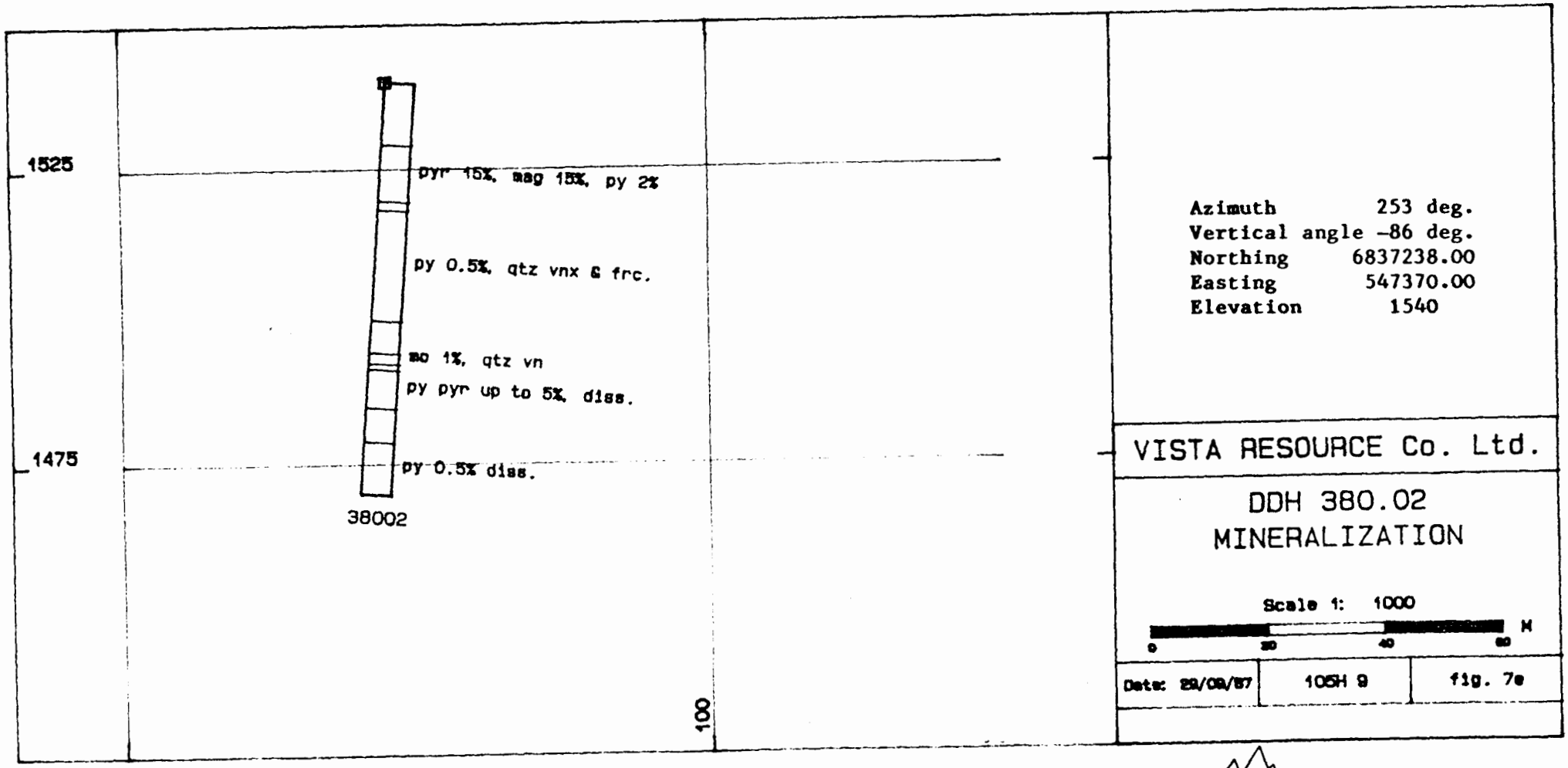
Scale 1: 1000

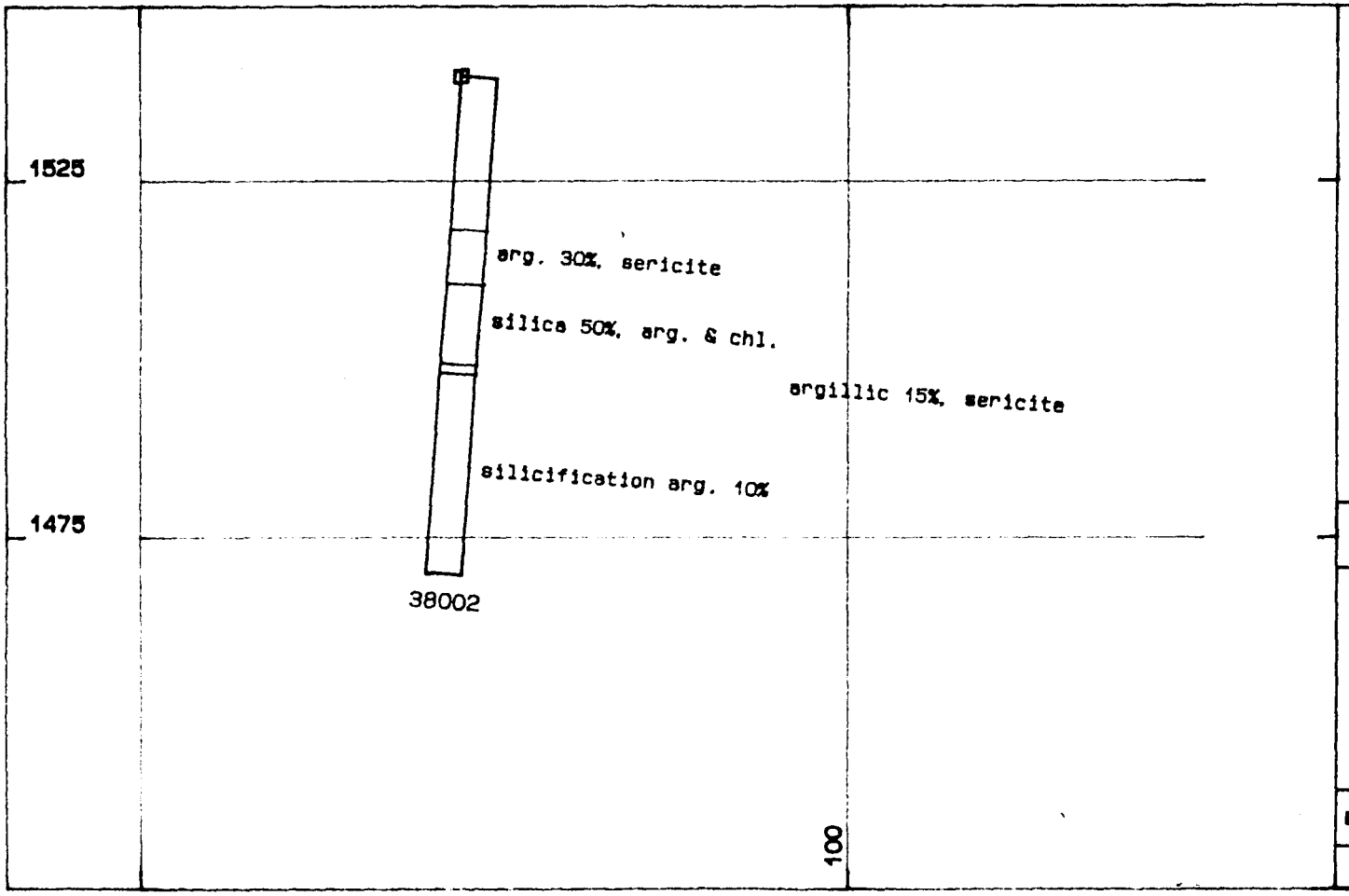
0 20 40 80 M

Date: 29/09/87	105H 9	fig. 7c

A&M exploration ltd.


1525
1475
overburden
sulphide rich skarn
garnet skarn
siltstone
arkosic sandstone
quartzite
38002
100
Azimuth 253 deg.
Vertical angle -86 deg.
Northing 6837238.00
Easting 547370.00
Elevation 1540
VISTA RESOURCE Co. Ltd.
DDH 380.02
GEOLOGY
Scale 1: 1000
0
20
40
80
M
Date: 29/09/87
105H 9
fig. 7d
A·M exploration ltd.


1525
1475
pyr 15%, mag 15%, py 2%
py 0.5%, qtz vnx & frc.
mo 1%, qtz vn
py pyr up to 5%, diss.
py 0.5% diss.
38002
100
Azimuth 253 deg.
Vertical angle -86 deg.
Northing 6837238.00
Easting 547370.00
Elevation 1540
VISTA RESOURCE Co. Ltd.
DDH 380.02
MINERALIZATION
Scale 1: 1000
M
0
20
40
60
Date: 29/09/87
105H 9
fig. 7a
A&M exploration ltd.



Azimuth	253 deg.
Vertical angle	-86 deg.
Northing	6837238.00
Easting	547370.00
Elevation	1540

VISTA RESOURCE Co. Ltd.

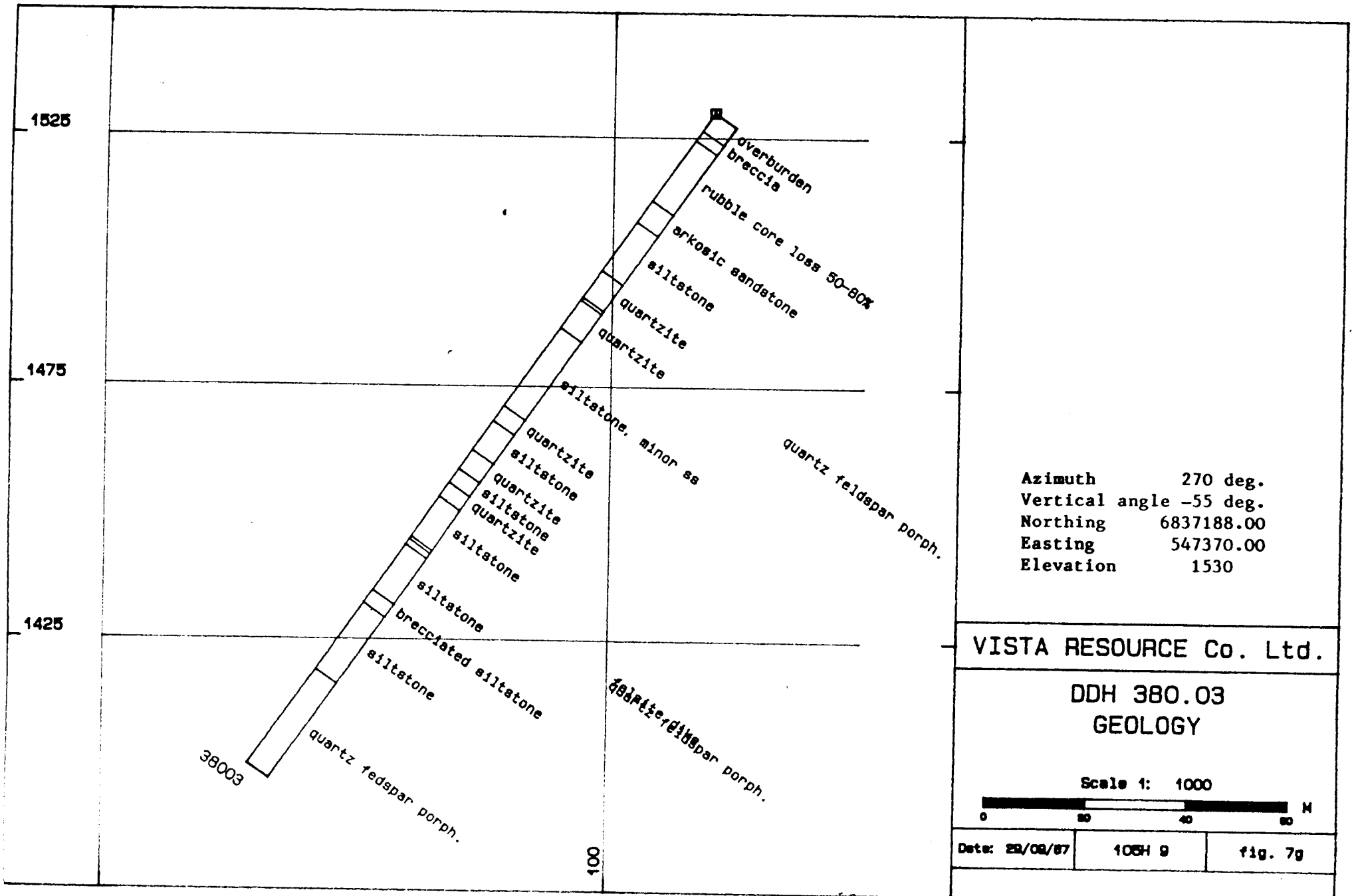
DDH 380.02
ALTERATION

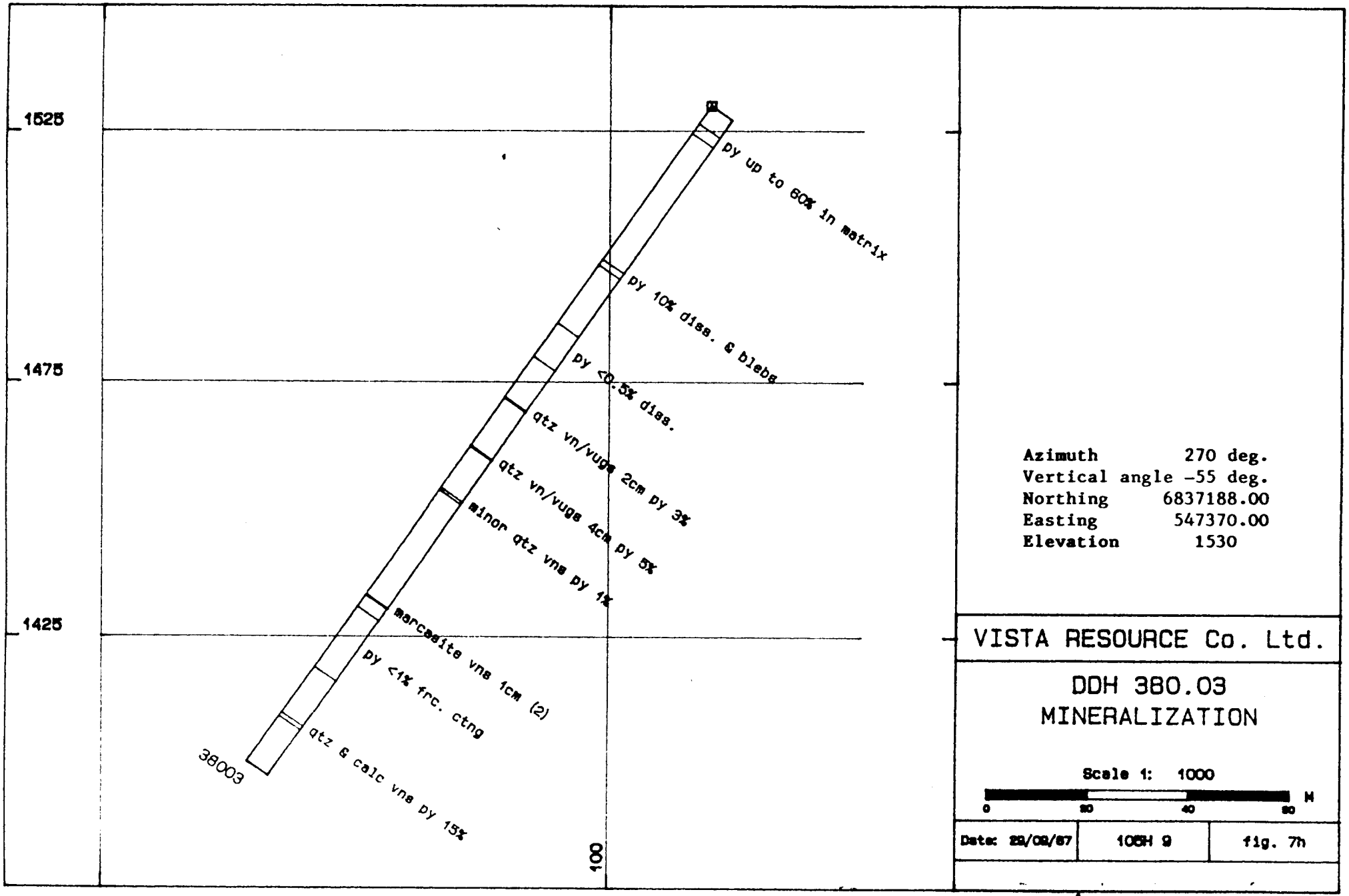
Scale 1: 1000

0 20 40 60 M

Date: 29/09/87	105H 8	fig. 7f

A·M exploration ltd


1525
1475
1425
overburden
breccia
rubble core loss 50-80%
arkosic sandstone
siltstone
quartzite
quartzite
siltstone, minor ss
quartz feldspar porph.
quartzite
siltstone
quartzite
siltstone
quartzite
siltstone
siltstone
brecciated siltstone
siltstone
quartz feldspar porph.
quartz feldspar porph.
38003
100
Azimuth 270 deg.
Vertical angle -55 deg.
Northing 6837188.00
Easting 547370.00
Elevation 1530
VISTA RESOURCE Co. Ltd.
DDH 380.03
GEOLOGY
Scale 1: 1000
0
20
40
60
M
Date: 29/08/87
105H 9
fig. 7g
A·M exploration ltd.



Azimuth	270 deg.
Vertical angle	-55 deg.
Northing	6837188.00
Easting	547370.00
Elevation	1530

VISTA RESOURCE Co. Ltd.

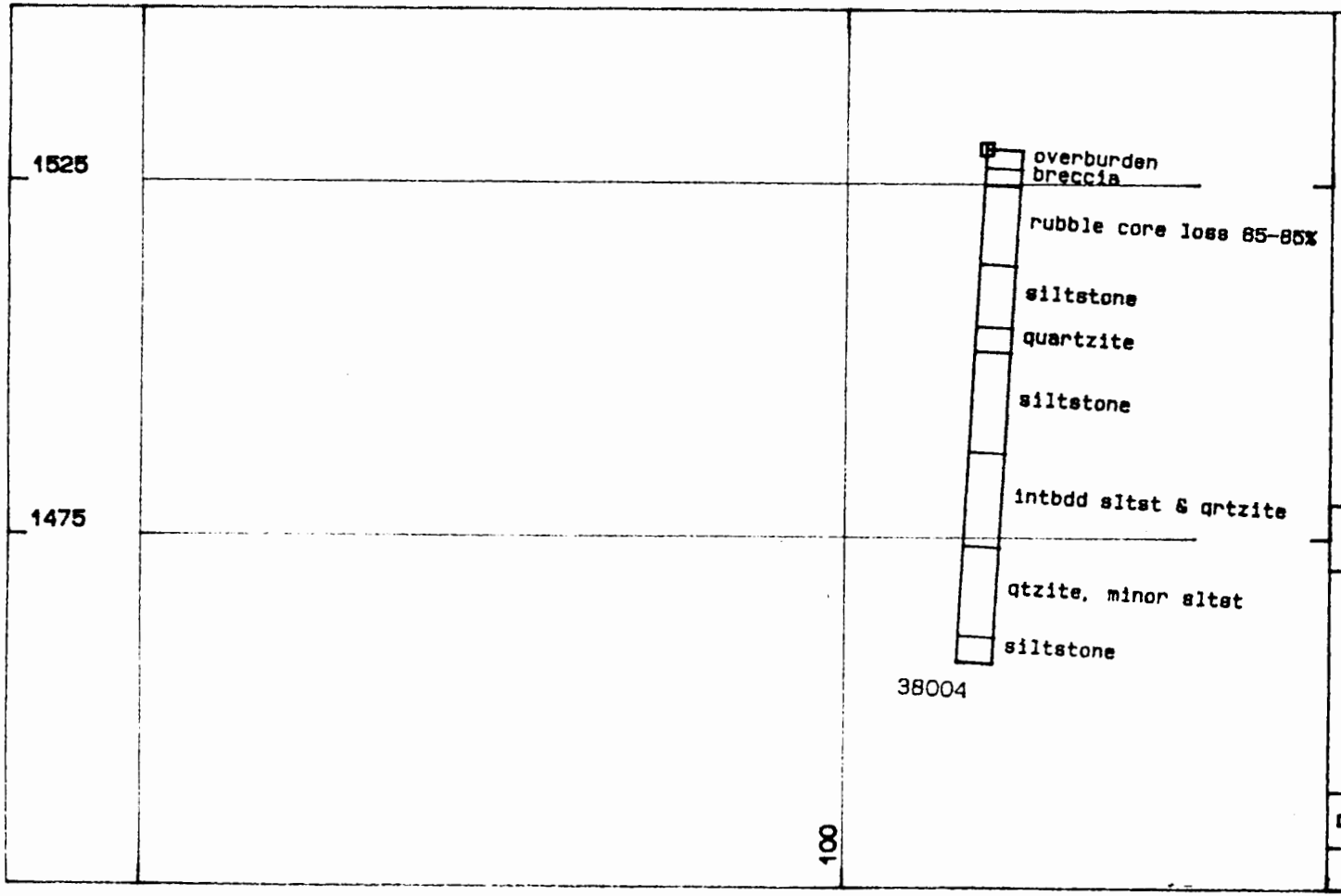
DDH 380.03
MINERALIZATION

Scale 1: 1000

0 20 40 60 M

Date: 29/08/87	105H 9	fig. 7h

exploration ltd



Azimuth	270 deg.
Vertical angle	-87 deg.
Northing	6837188.00
Easting	547370.00
Elevayion	1530

VISTA RESOURCE Co. Ltd.

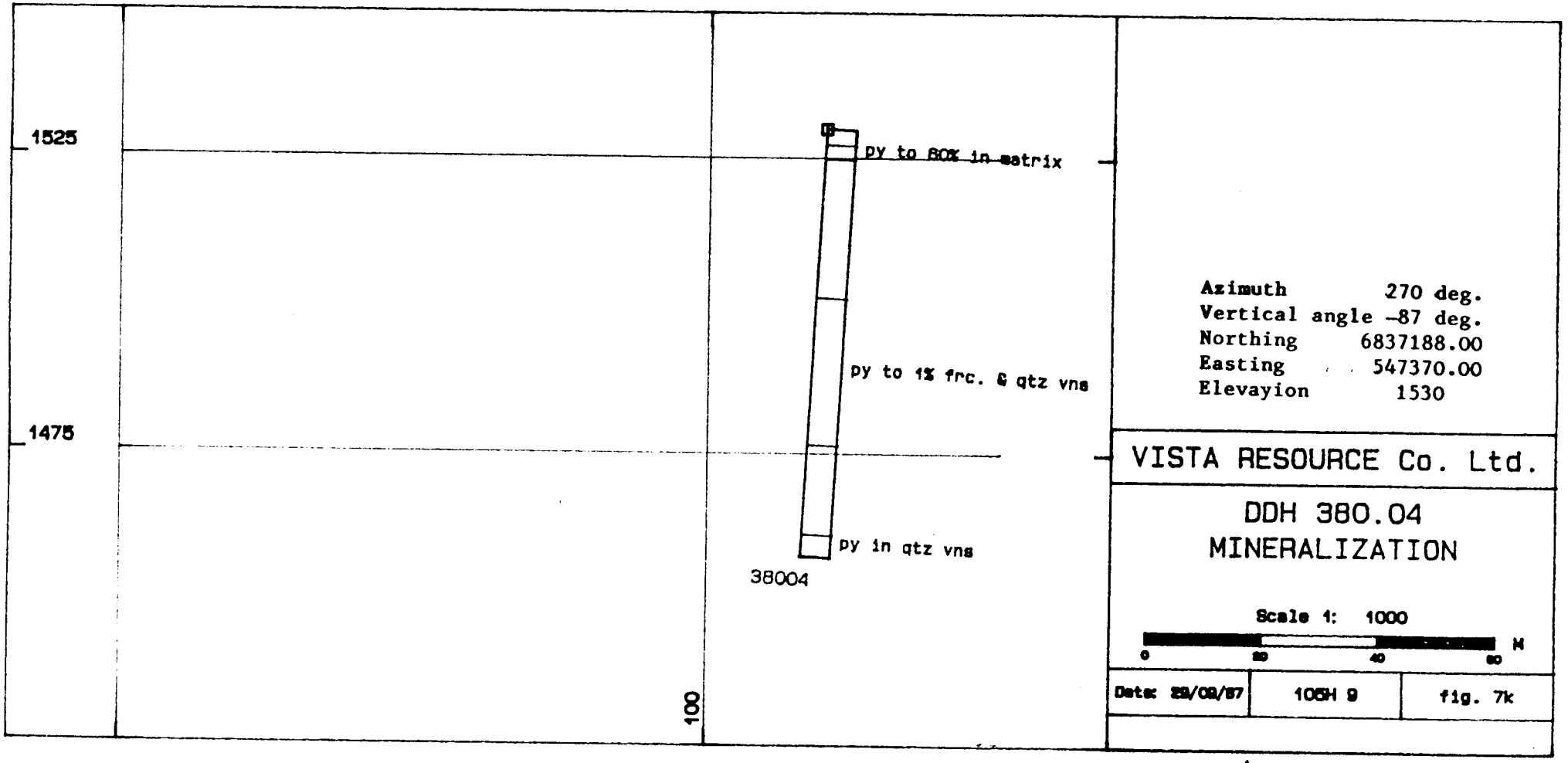
DDH 380.04
GEOLOGY

Scale 1: 1000

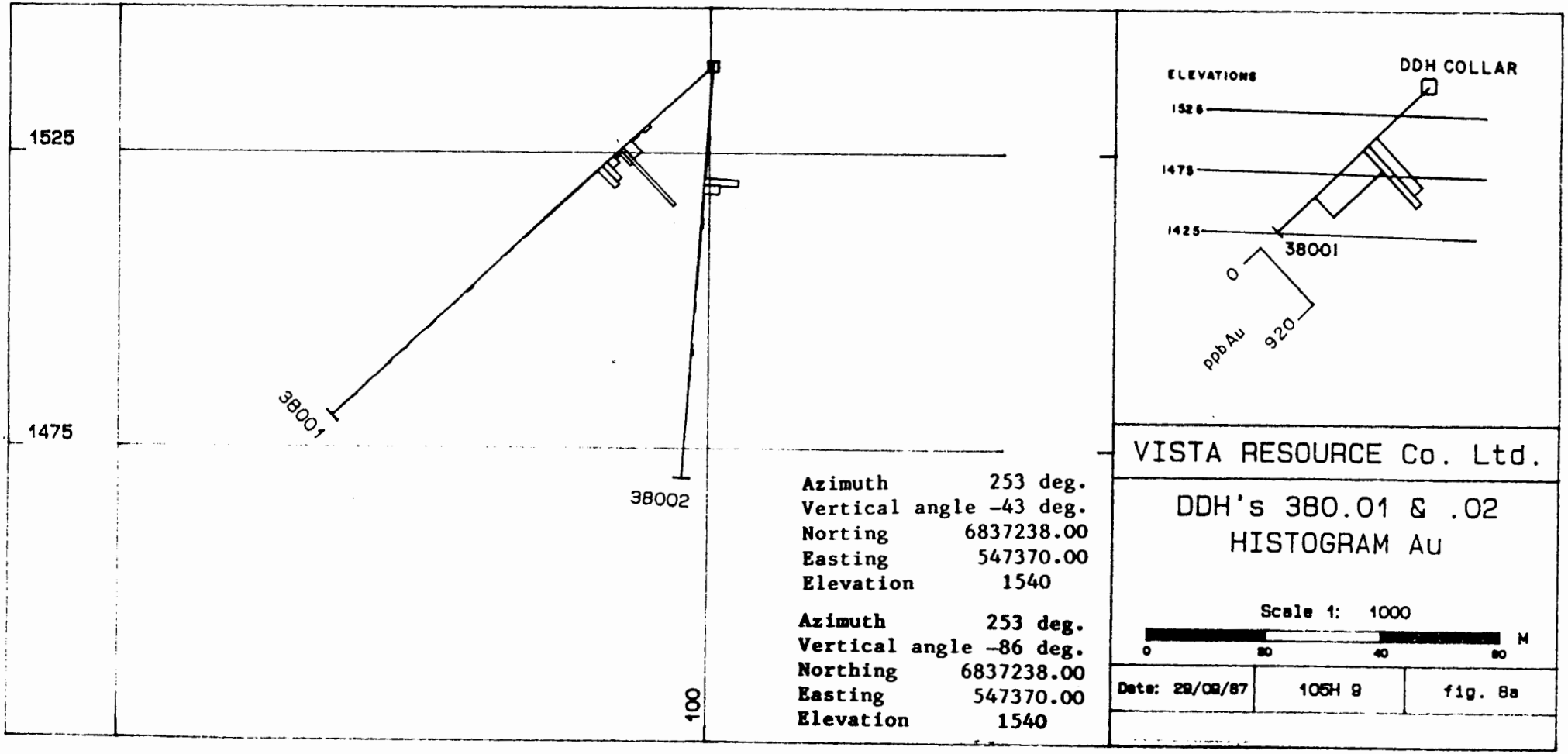
0 20 40 60 M

Date: 29/08/87	105H 8	fig. 7j

A·M exploration ltd.



A·M exploration ltd.



Azimuth	253 deg.
Vertical angle	-43 deg.
Norting	6837238.00
Easting	547370.00
Elevation	1540
Azimuth	253 deg.
Vertical angle	-86 deg.
Northing	6837238.00
Easting	547370.00
Elevation	1540

VISTA RESOURCE Co. Ltd.

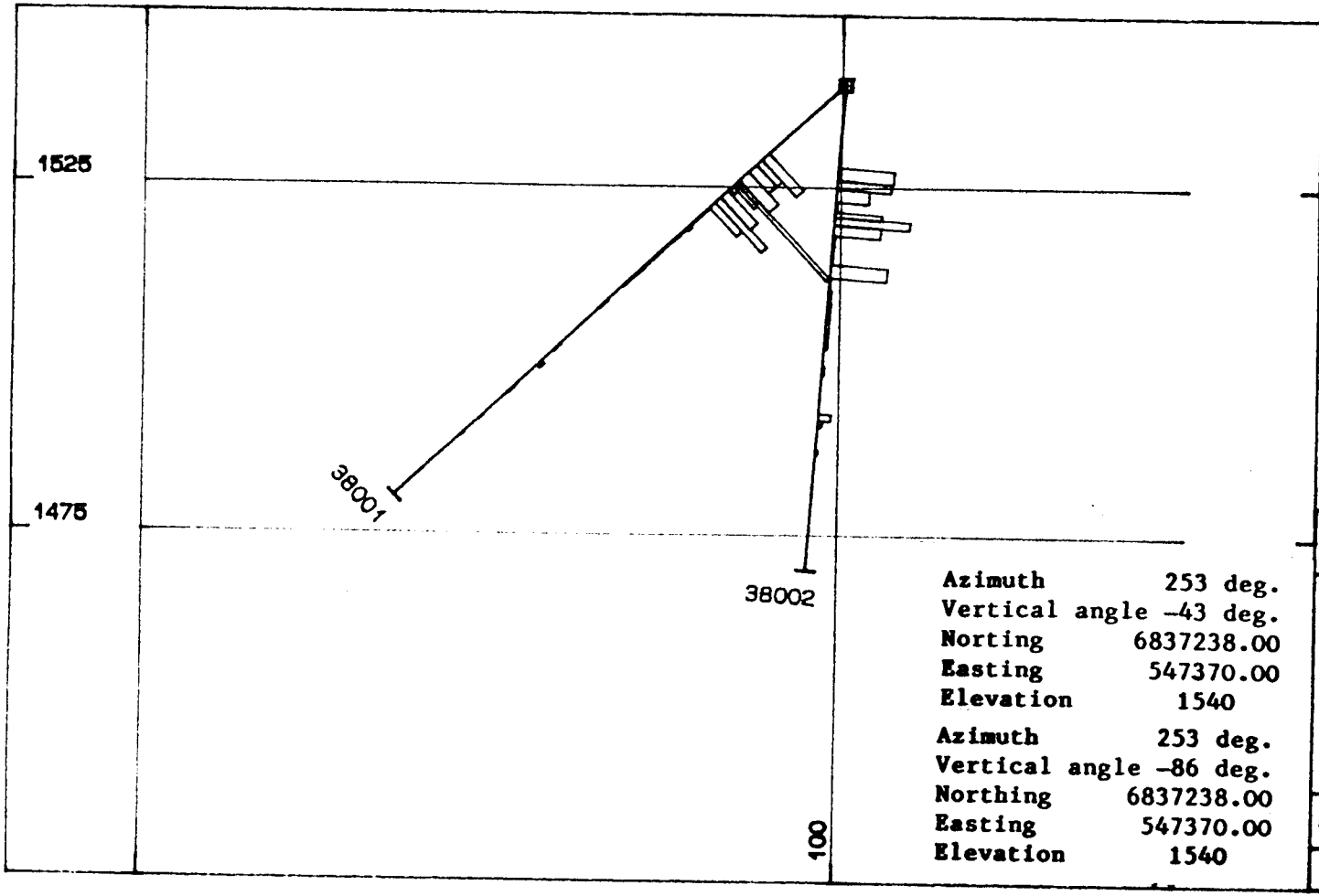
DDH's 380.01 & .02
HISTOGRAM Au

Scale 1: 1000

0 20 40 80 M

Date: 29/09/87	105H 9	fig. 8a

A·M exploration ltd.



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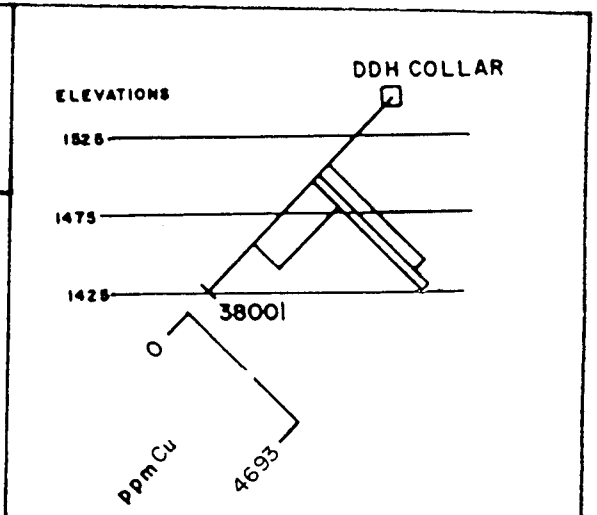
Vertical angle	-43 deg.
Norting	6837238.00
Easting	547370.00
Elevation	1540
Azimuth	253 deg.
Vertical angle	-86 deg.
Northing	6837238.00
Easting	547370.00
Elevation	1540



VISTA RESOURCE Co. Ltd.

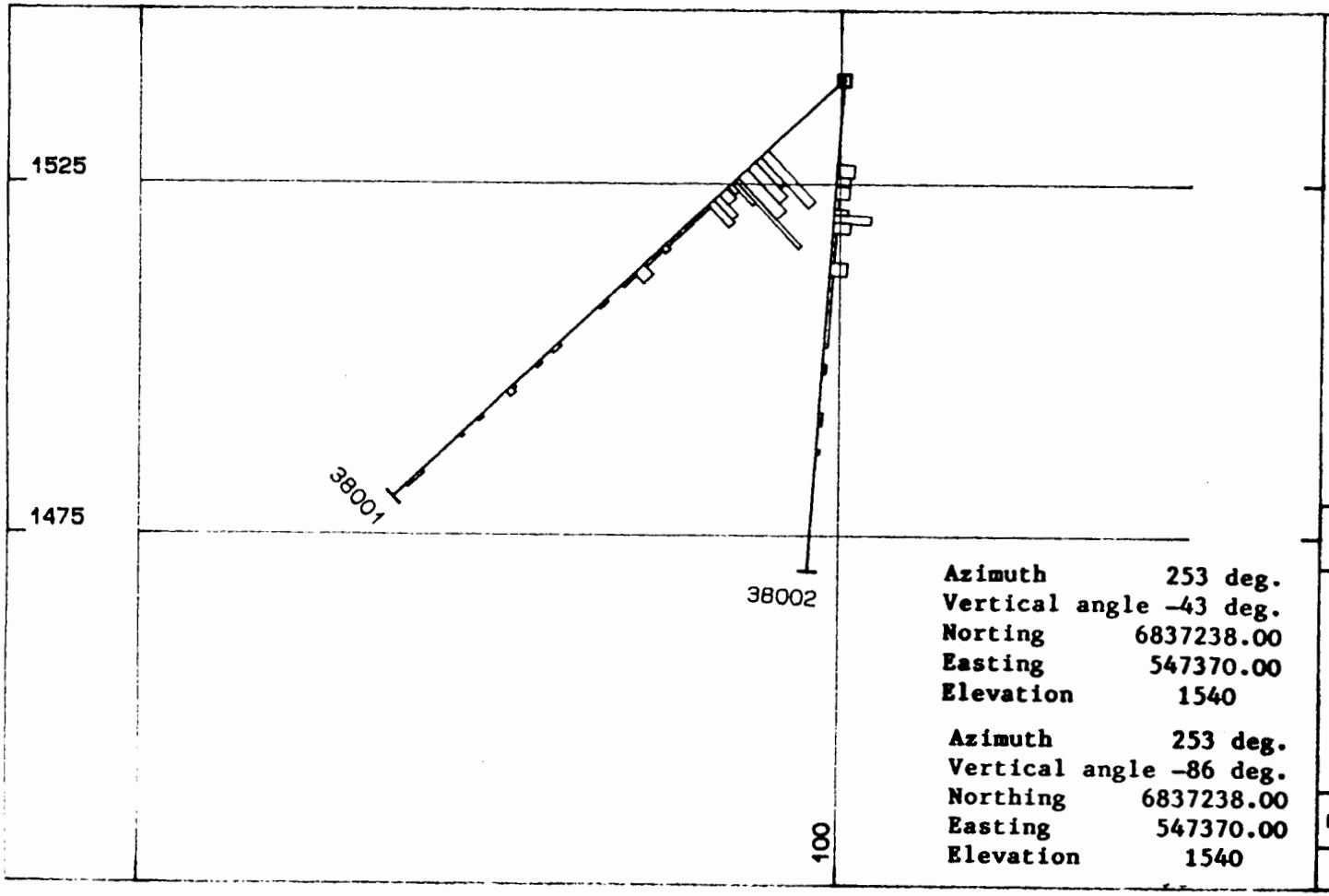
DDH's 380.01 & .02
HISTOGRAM Cu

Scale 1: 1000

0 20 40 80 M

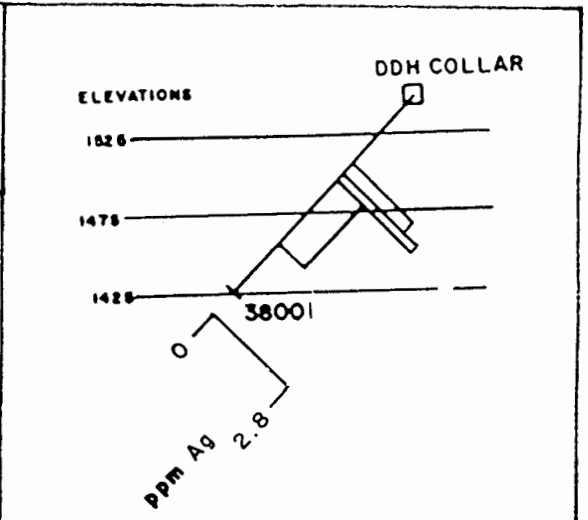
Date: 29/09/87	105H 9	fig. 8b

A·M exploration ltd.



Azimuth	253 deg.
Vertical angle	-43 deg.
Norting	6837238.00
Easting	547370.00
Elevation	1540

Azimuth	253 deg.
Vertical angle	-86 deg.
Northing	6837238.00
Easting	547370.00
Elevation	1540



VISTA RESOURCE Co. Ltd.

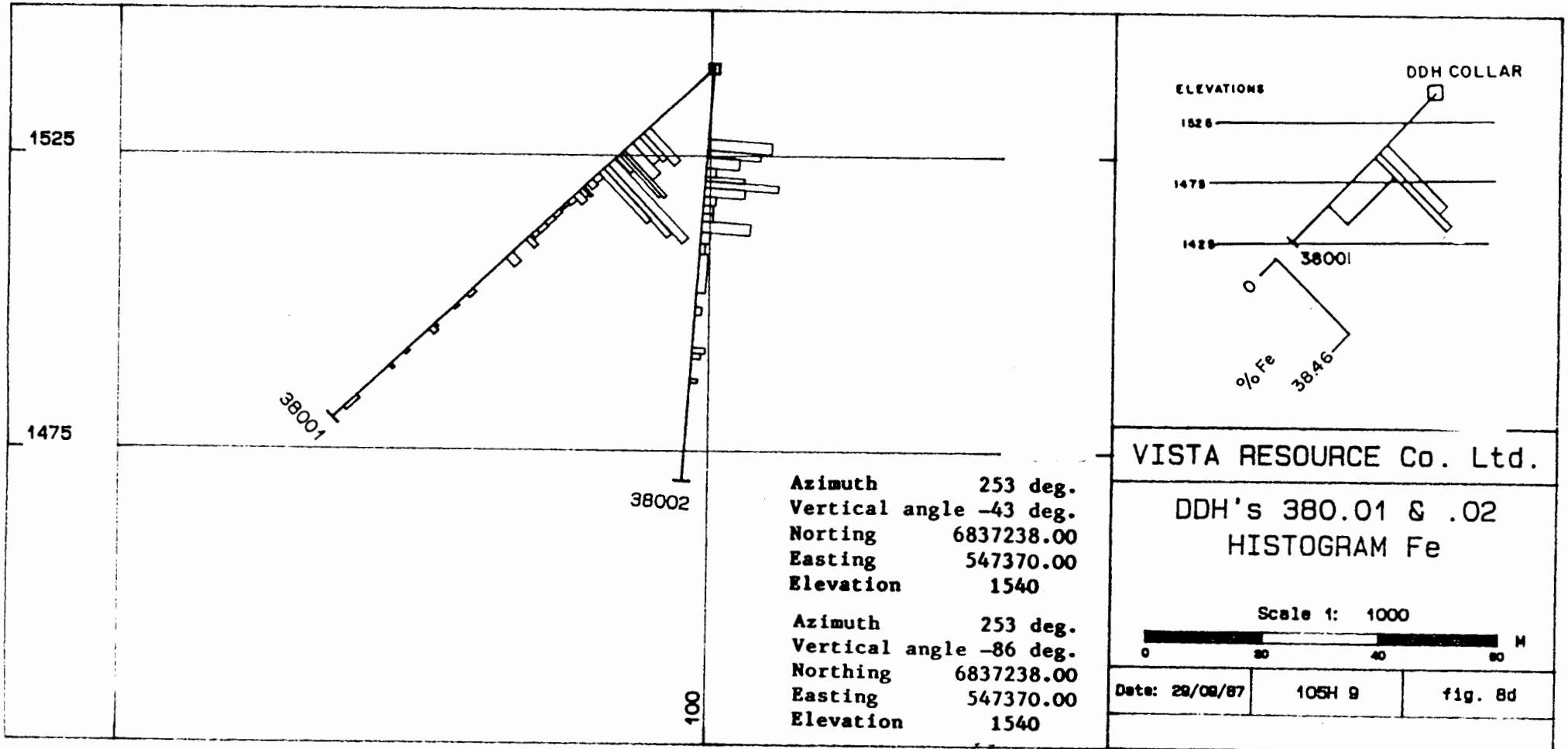
DDH's 380.01 & .02
HISTOGRAM Ag

Scale 1: 1000

0 20 40 60 M

Date: 29/09/87	105H 9	fig. 8c

A&M exploration ltd.



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Vertical angle	-43 deg.
Norting	6837238.00
Easting	547370.00
Elevation	1540

Azimuth	253 deg.
Vertical angle	-86 deg.
Northing	6837238.00
Easting	547370.00
Elevation	1540

VISTA RESOURCE Co. Ltd.

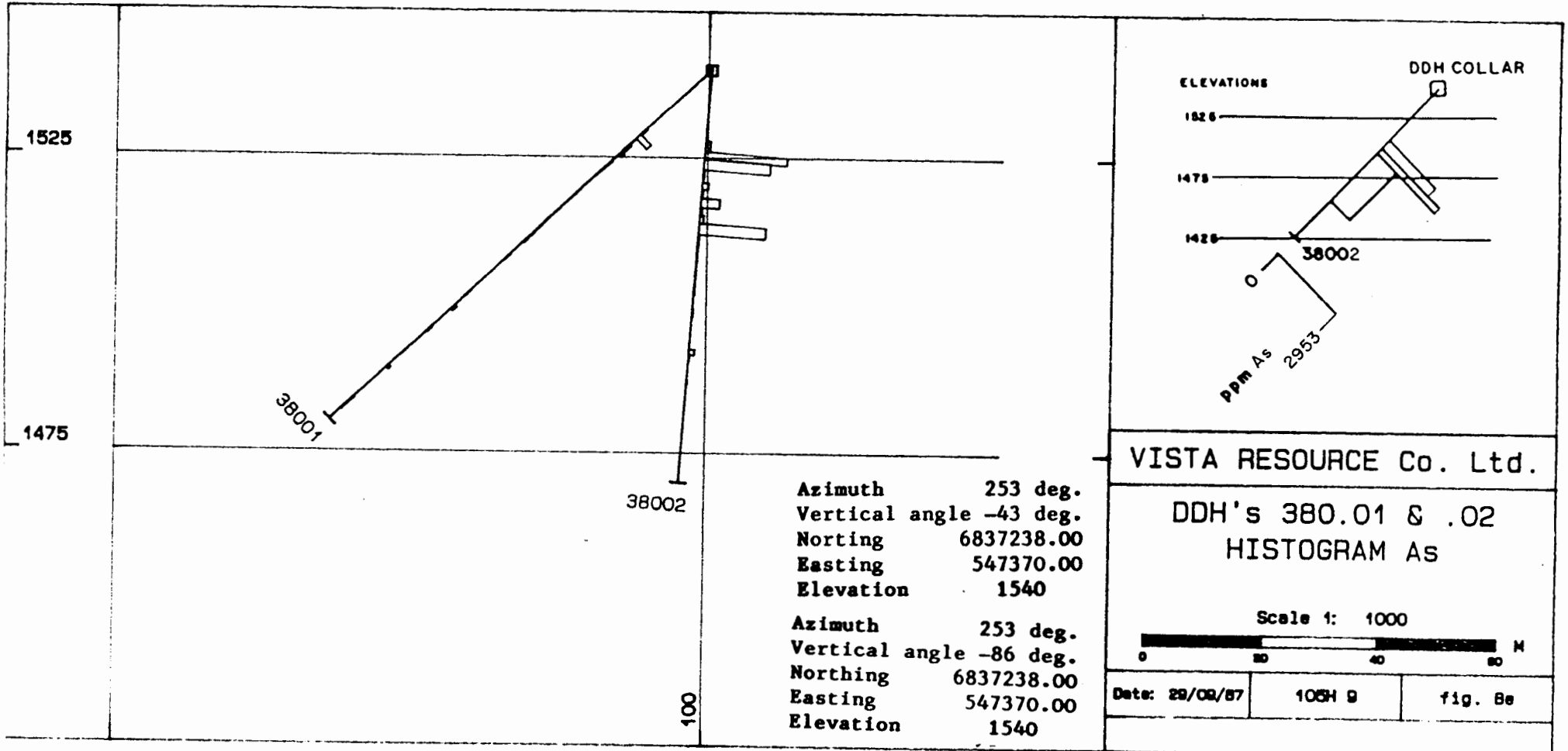
DDH's 380.01 & .02
HISTOGRAM Fe

Scale 1: 1000

0 20 40 60 M

Date: 29/09/87	105H 9	fig. 8d

A·M exploration ltd.



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Vertical angle	-43 deg.
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Easting	547370.00
Elevation	1540

Azimuth	253 deg.
Vertical angle	-86 deg.
Northing	6837238.00
Easting	547370.00
Elevation	1540

VISTA RESOURCE Co. Ltd.

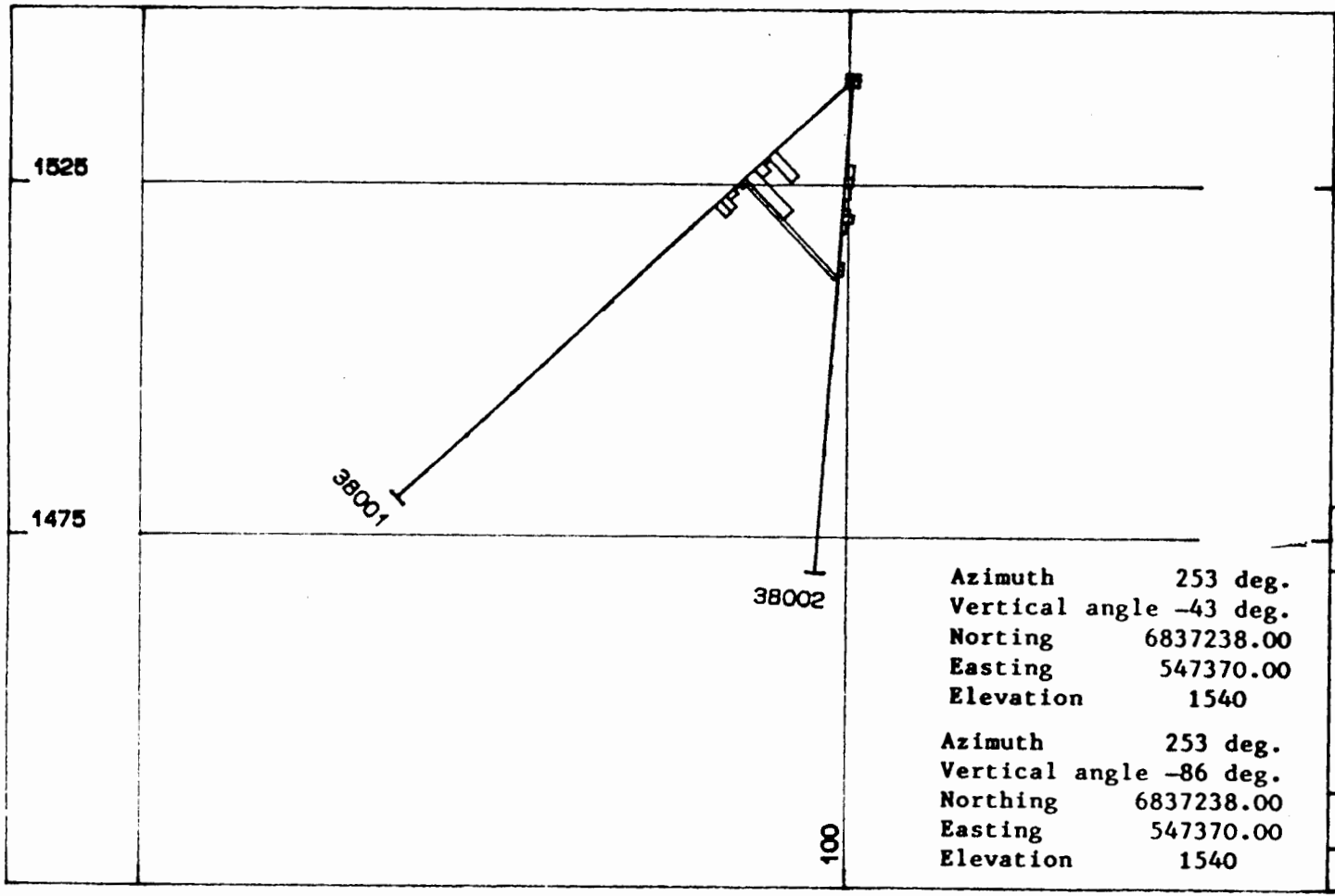
DDH's 380.01 & .02
HISTOGRAM As

Scale 1: 1000

0 20 40 60 M

Date: 29/09/87	105H 9	fig. 8e

A·M exploration ltd.



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Vertical angle	-43 deg.
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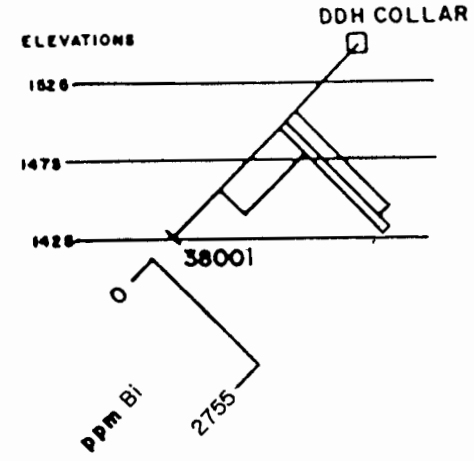
Easting	547370.00
Elevation	1540

Azimuth	253 deg.
Vertical angle	-86 deg.
Northing	6837238.00
Easting	547370.00
Elevation	1540



VISTA RESOURCE Co. Ltd.

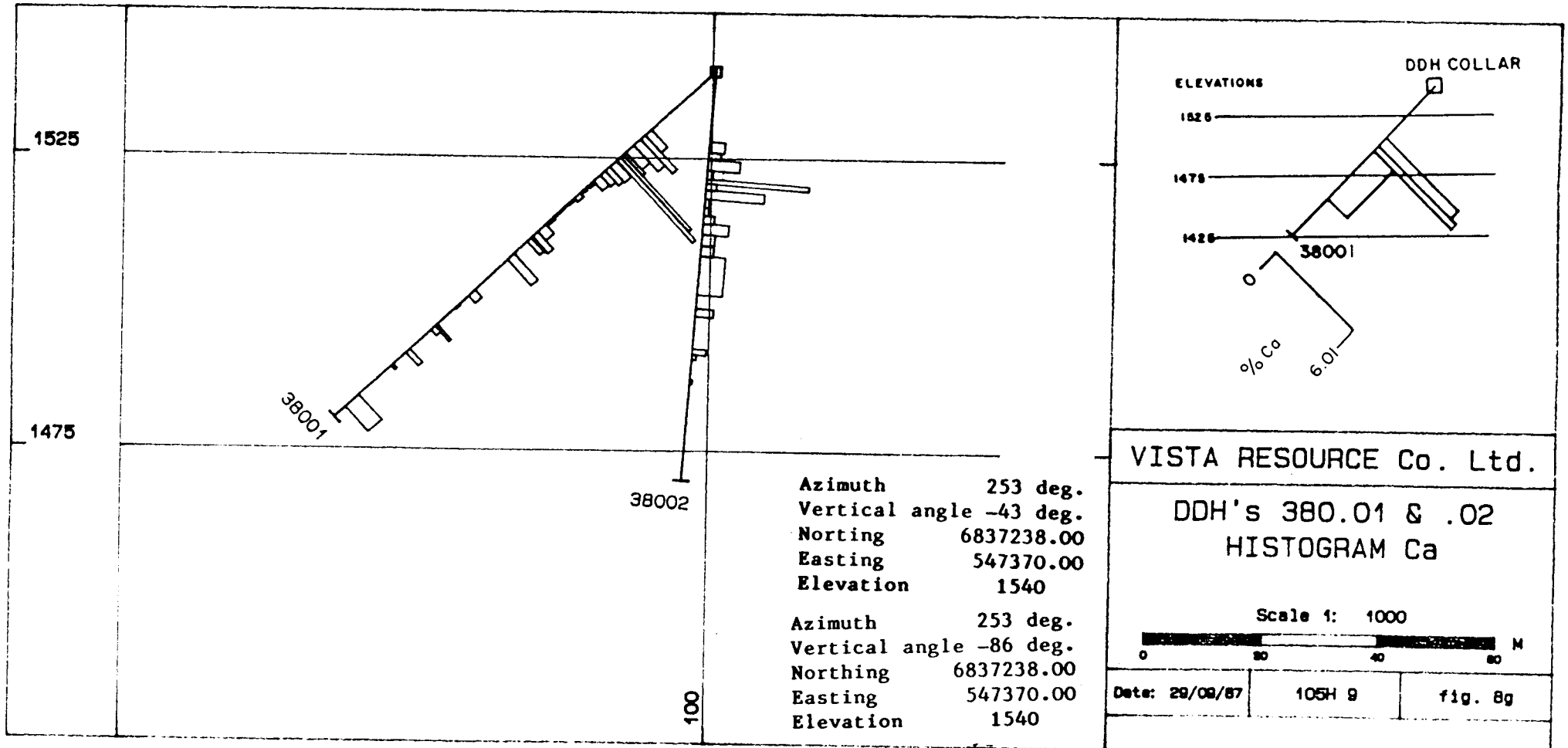
DDH's 380.01 & .02
HISTOGRAM Bi

Scale 1: 1000

0 20 40 80 M

Date: 29/09/87	105H 9	fig. 8f

A&M exploration ltd.



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Vertical angle	-43 deg.
Norting	6837238.00
Easting	547370.00
Elevation	1540
Azimuth	253 deg.
Vertical angle	-86 deg.
Northing	6837238.00
Easting	547370.00
Elevation	1540

VISTA RESOURCE Co. Ltd.

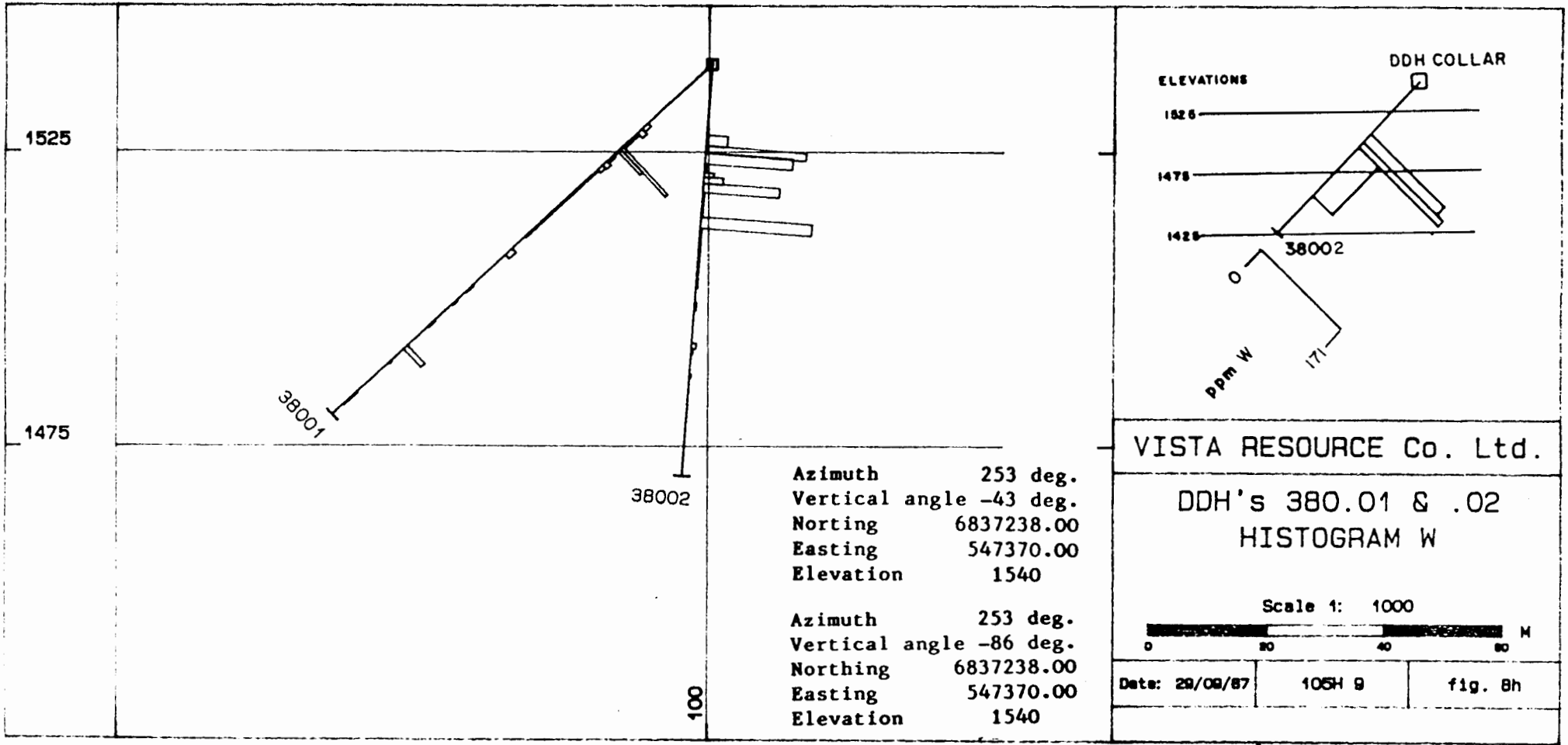
DDH's 380.01 & .02
HISTOGRAM Ca

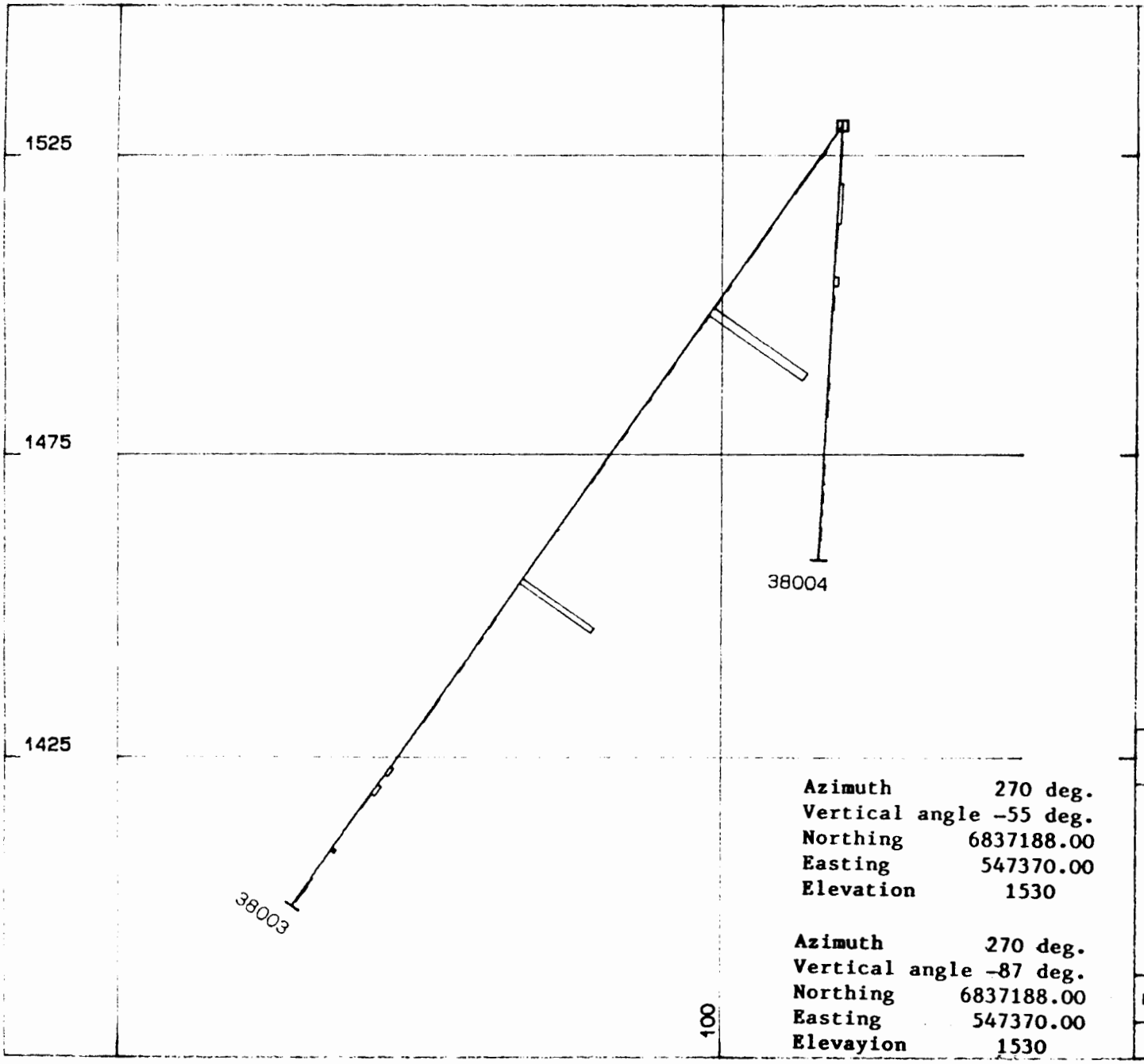
Scale 1: 1000

0 20 40 60 M

Date: 29/09/87	105H 9	fig. 8g

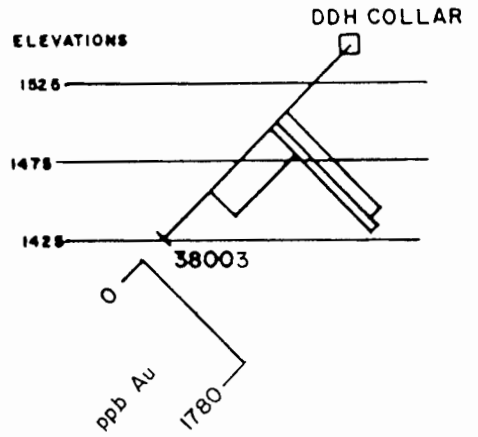
A&M exploration ltd.


1525
1475
38001
38002
100
Azimuth 253 deg.
Vertical angle -43 deg.
Norting 6837238.00
Easting 547370.00
Elevation 1540
Azimuth 253 deg.
Vertical angle -86 deg.
Northing 6837238.00
Easting 547370.00
Elevation 1540
DDH COLLAR
ELEVATIONS
1525
1475
1425
38002
0
171
ppm W
VISTA RESOURCE Co. Ltd.
DDH's 380.01 & .02
HISTOGRAM W
Scale 1: 1000
0
20
40
60
M
Date: 29/09/87
105H 9
fig. 8h
A·M exploration ltd.



Azimuth	270 deg.
Vertical angle	-55 deg.
Northing	6837188.00
Easting	547370.00
Elevation	1530

Azimuth	270 deg.
Vertical angle	-87 deg.
Northing	6837188.00
Easting	547370.00
Elevayion	1530



VISTA RESOURCE Co. Ltd.

DDH's 380.03 & .04
HISTOGRAM Au

Scale 1: 1000

0 20 40 60 M

Date: 29/09/87	105H 9	fig. 81

A·M exploration ltd.

APPENDIX I

DRILL LOGS

LOCATION: 11+30N. 13+01E

AZIMUTH: 253°

DIP: -43° LENGTH: 87.47 ELEVATION:

STARTED: July 22, 1987 CORE SIZE: BQ DATE LOGGED: July 23-25,1987

COMPLETED: July 25, 1987 DIP TESTS:

PURPOSE: To test skarn mineralization

A·M exploration ltd.

Page: 1 of 8 Hole No. 388.01

PROPERTY: SUN

CLAIM NO: SUN 4

SECTION: -

LOGGED BY: D. J. BROWNLEE

Metres from	Metres to	DESCRIPTION	Sample No.	Metres from	Metres to	Length	Au ppb
0	14.94	Overburden, mainly sand/minor boulders & gravel					
		sections.					
14.94	22.66	A medium green silicified epidote, chlorite	700261	14.94	16.34	1.41	40
		diopside; skarn with a rough fabric @ 55° to	700262	16.34	17.37	1.03	05
		core axis;	700263	17.37	18.9	1.53	20
		Mineralization: 10% diss. pyrrhotite, 5% diss.	700264	18.9	20.73	1.83	180
		magnetite, 0.5% diss pyrite.	700265	20.73	21.34	.61	920
			700266	21.34	21.95	.61	210
		@ 15.06 frac. @ 40° to C.A.	700267	21.95	22.66	.71	40
		@15.24 gouge D.S. - .03 m, 75° to C.A.					
		@ 16.34 gouge, .03 m, 75° to C.A.					
		@ 16.42, .03 gouge, 80°-75° to C.A.					
		@ 16.55 rubble .05m					
		@ 16.98 to 17.11, 8 small .003 to .012 qtz calcite					
		vns/pyrrh.					
		This comes to marker 17.37 core loss is 3.48 over					
		2.44 or 12% core loss					
		@ 17.58m a .002 qtz calcite vn @ 45° to core axis					
		From 17.37 to 18.90 .66m of core loss or 43%					
		core loss					
		@ 18.90 broken rubble for .17m?					
		@19.08 .016 gouge scan @ 20° to C.A.					

LOCATION: 11+30N 13+01E

AZIMUTH:

A·M exploration ltd

Hole No. 388.01

PROPERTY: SUN

			Sample No.	METRES From	To		Au ppb		
14.94	22.66	@19.46 .03 gouge seam @ 40° to C.A.							
		@19.51 .01 gouge seam @ 40° to C.A.							
		@20.35 gouge seam @ 75° to C.A.							
		@20.73 small shear @ 80° to C.A.							
		From 19.90 to 20.73 14% core loss.							
		Up to approx. 20.73 the sulphide mineralization							
		has been disseminated & blebular along the trend of							
		the fabric @ appr. 55° to core axis from 20.73 to							
		21.34 there is 25% core loss & the pyrrhotite is							
		more massive in small areas, is the matrix of minor							
		brecciation, over all is 10-12% pyrrhotite with an							
		increase in pyrite to 1.0%.							
		@21.46 magnetite becomes the major mineral component							
		@15% with pyrrohtite dropping to 5% & pyrite to 0.5%							
		@21.64 there starts to be garnets increasing to							
		approx. 5-8% by 21.94 16% core loss							
		21.94-22.86 0% core loss /pyrrh 1% magnetite 1%							
		pyrite more than 0.5%							
22.56	22.94	50% argillically altered rock /15% garnets	700268	22.66	22.94	.28	50		
		35% epidote chlorite no sulphides noted							
		0% core loss							
22.94	26.52	Starts as 75% argillically altered rock/grey	700269	22.94	24.38	1.44	100		
		"bands" composed of 50-70% pyrrhotite ± pyrite,	700270	24.38	25.43	1.05	250		
		graphitic like material 10% & 20-30% silica, by	700271	25.43	26.52	1.09	290		
		24.38 the argillically altered rock is only 40-60%							
		of total 22.94 to 24.38 50% core loss							
		24.38 to 25.43 25% core loss							
		25.43 to 26.52 88% core loss							

Metres from	Metres to	DESCRIPTION	Sample No.	Metres from	Metres to	Length	Au ppb		
26.52	28.04	100% argillic alteration, light greyish colour	700272	26.52	28.04	1.52	05		
		which may be remnant of pyrrhotite							
		26.52 to 28.04 86% core loss							
28.04	29.26	50-60% argillic altered calcareous siltstone/ .1 to	700273	28.04	29.26	1.22	05		
		.25 beds @ 50° to core axis							
		28.04 to 28.34 51% core loss							
		28.34 to 28.65 25% core loss							
		28.65 to 28.95 52% core loss							
		28.95 to 29.26 75% core loss							
		29.26 to 29.56 a small bit of clay 100% core loss							
		29.56 to 29.87 80% core loss, the only item not							
		argillically altered are the quartz							
		grains in the sandstone interbeds							
29.87	32.39	sericite altered sandstone / 10-15% argillic alt.	700274	29.87	30.3	.43	05		
		foliation 70° to C.A. 29.87 to 30.3 30% core loss	700275	30.3	31.09	.79	05		
		This grades back to the thinly bedded calcareous	700276	31.09	32.39	1.3	05		
		siltstone 40% argillic alt. & bedding 50° to core							
		axis with a few .13 to 2.54cm qtz vns 75° to C.A.							
		appear in the last metre of section.							
		No mineralization noted.							
		30.32 to 30.66 50% core loss broken							
		30.66 to 31.08 31% core loss							
		31.08 to 32 25% core loss							
		32 to 32.37 8.5% core los							
32.39	40.84	A fine grained sandstone / 3-5% arg. alt. feldspars	700277	32.39	33.83	1.44	05		
		overall 20% argillic alt.	700278	33.83	34.75	.92	05		

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 Hole No. 388.01

PROPERTY: SUN

Metres from	Metres to	DESCRIPTION	Sample No.	Metres from	Metres to	Length			
		No mineralization noted	700279	34.75	35.66	.91	05		
		By 33.52 m a few .13cm qtz vns noted. one every	700280	35.66	37.18	1.52	05		
		12.7 - 15.24 cm by 34.74 m very numerous, one every	700281	37.18	39.01	1.83	05		
		.13 to 2.54cm all at 85-80° to 45° to C.A. and	700282	39.01	40.84	1.83	05		
		range from .25 to 1.27cm wide 1-2% pyrrhotite to							
		pyrite noted & the qtz is nearly amorphous in tex-							
		ture. 32.36 to 32.37 8.5% core loss							
		32.37 to 33.83 18% core loss							
		33.83 to 34.74 28% core loss							
		34.74 to 35.66 27% core loss							
		Interspresed with these qtz vns are possibly							
		younger calcite vns up to 0.1m wide / no min'zation							
		34.75 to 36.57 25% 38.1 to 39.01 0%							
		36.57 to 37.18 15% 39.01 to 40.84 22%							
		37.18 to 38.1 10%							
40.84	42.36	Basically the same as above, but bedding is							
		becoming evident again & qtz vn is up to approx.	700283	40.84	42.06	1.2	05		
		30% & up to 3.17cm wide / minor brecciation,	700284	42.06	42.36	.30	05		
		calcite coats some of the qtz vns & form minor vns							
		by itself "bedding" is at 35° to core axis, minor							
		molybdenite noted around 41.45m in the qtz vns							
		along with the minor pyrrhotite & pyrite							
		40.84 to 42.06 22%							

Metres from	Metres to	DESCRIPTION	Sample No.	Metres from	Metres to	Length	Au ppb		
42.36	48.44	Same as above except only minor quartz veins; a	700285	42.36	43.28	.91	05		
		20-40% argillized argillaceous sandstone inter-	700286	46.32	47.85	1.52	20		
		bedded with a calcareous siltstone? There are							
		fractures every 10.16 or 12.7 cms at 45-55° to							
		core axis generally show .13 argillic alt halves.							
		The rock has alos gone from a whitish biege colour							
		to a light bluish grey colur mineralization con-							
		sists of pyrite + pyrrhotite generally more than							
		0.5% diss. but in zones up to 3-4% diss. / minor							
		blebs.							
		44.2 - 44.8 broken rubbly zone possible fault							
		gouged at 44.2m							
		45.41 broken rubble for 15.24cm? fault?							
		49.07 1.27cm alt halo/10% pyr. pyrrhotite							
		@ 45° to core axis.							
		42.36 - 43.28 100% core recovery							
		43.28 - 44.2 5% core loss							
		44.2 - 44.8 33% core loss							
		44.8 - 45.41 0% core loss							
		45.41 - 47.85 0% core loss							
		At 53.23m 22.86cm of fractures & gouge/assoc.							
		argillic alt. 1-2% pyrite & pyrrhotite.							
48.43	50.54	A light greenish biege coloured sandstone, minor							
		chlorite in with the argillic alteration of the							
		matrix, more than 0.5% diss. pyrite. 0% core loss							

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 Hole No. 388.01

PROPERTY:

Metres from	Metres to	DESCRIPTION	Sample No.	Metres from	Metres to	Length	Au ppb		
50.54	58.47	12.7 m alteration (argillic) at contact.	700287	55.47	57	1.52	05		
		A light to medium gray silicified siltstone							
		intbds of argillaceous sandstone, bedding? @ 50°							
		to core axis 0.5-1.0% diss. pyrite & pyrrhotite.							
		Fractures every 25.8 m to 38.7 m and crosscut							
		bedding .0635 m wide calcite + pyrite coating							
		50.54 - 55.16 0% core loss							
		55.47 - 58.47 0% core loss							
		by 55.47 the % of argillic alt. increases to							
		50% in places							
58.47	58.62	Contact @ 35° to core axis. Quartz feldspar							
		porphyry 25% argillic alt. No mineralization							
		noted.							
58.62	64.61	Medium beige coloured sandstone due to 15-35%	700288	59.13	60.04	.91	05		
		argillic alteration, minor qtz. vns 0.127 - 0.254							
		m wide @ 55° to core axis every .15 - .20.							
		The alteration increases to 45% in places.							
		61.92 to 62.05 m QFP asabove	700289	64.13	64.61	.43	05		
		64.13 to 64.33 m Qfp as above @ 25° to core							
		axis.							
64.61	69.79	Contact @ 5° to C. axis							
		a medium bluish gray silicified siltstone / arg.	700290	64.61	65.53	.91	05		
		ss intbds diss., blebs & frac coatings of pyrite,							
		pyrrhotite 2-3% max, minor arg. alt & minor							
		chlorite.							

Metres from	Metres to	DESCRIPTION	Sample No.	Metres from	Metres to	Length	Au ppb		
		@ 65.53 m medium grnd qtz biotite diorite							
		@ 35° to core axis .3048 m thick.							
69.79	73.27	Same as above except that the quartz flooding has	700291	70.40	71.32	.91	05		
		gone to 50-60% minor chlorite pyrite pyrrhotite							
		present							
		70.40 to 70.44 15% core loss							
		@ 71.27 fault gouge							
		70.71 to 71.32 m 25% core loss							
73.27	73.63	qtz biotite diorite 40° to core axis							
73.63	74.19	qtz eye rhyolite dike / minor arg. alt. of felds							
		and a light greenish tinge from chlorite.							
74.19	74.49	qtz biotite diorite / all feldspars argillically	700292	74.19	74.67	.48	05		
		altered and 15% chlorite alt. 1% blebs of							
		pyrrhotite & pyrite.							
74.49	74.67	qtz. flooded, arg. & chlorite alt. sed? or intr.?							
74.67	74.92	qtz eye rhyolite							
74.92	87.47	med. to drk greyish grit on siltstone, alternating							
		between thinly bed to massive, bedding at 35°							
		to core axis. The whole zone is silicified and	700293	81.99	85.03	.91	05		

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Page: 8 of 8 Hole No. 388.01

PROPERTY:

Metres from	Metres to	DESCRIPTION	Sample No.	Metres from	Metres to	Length
		contains from 10-40% qtz vns .25 to 2.54 cms wide				
		every 25.4 cms to 30.48 cms apart. No discernable				
		alt & diss. pyrite $\pm$ pyrrhotite up to 1%.				
		The silicification increases to an average of 40-				
		50% by 78.33 m the amount of mineralization drops				
		to trace. Fractures are at 25-30^{o} to core axis &				
		show only minor arg. alteration & occur every 7.62-				
		15.24 cms. Core recovery is aver. 97-99%.				
		EOH 87.47				

LOCATION: 11 + 30N 13 + 01E

AZIMUTH: 253°

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Page: 1 of 4 Hole No. 388.02

PROPERTY: SUN

DIP: -86° LENGTH: 70.10m ELEVATION: CLAIM NO:

STARTED: July 26, 1987 CORE SIZE: BQ DATE LOGGED: July 27-28 SECTION:

COMPLETED: July 28, 1987 DIP TESTS: NONE LOGGED BY: D.J. Brownlee

PURPOSE: To test stratigraphic section

Metres from	Metres to	DESCRIPTION	Sample No.	Metres from	Metres to	Length	Au ppb		
0	10.79	Overburden							
10.79	20.42	Skarn: chlorite, epidote, diopside, hornblende	700302	10.79	12.19	1.34	10		
		actinolite giving an overall colour of med. grn.	700303	12.19	14.02	1.82	20		
		most likely a dirty lmst. or calcareous	700304	14.02	15.24	1.21	05		
		Originally: mineralization is diss. and blebular/	700305	15.24	17.06	1.82	05		
		pyrrhotite approx. 10-15% pyrite 1-2% chalco	700306	17.06	18.59	1.52	05		
		trace & magnetite 10-15% arseno trace	700307	18.59	19.32	.73	05		
		10.97-11.27 8% core loss	700308	19.32	20.42	1.00	400		
		11.27-12.19 72% core loss	700309	20.42	21.94	1.52	180		
		12.19-12.80 25% core loss							
		12.80-14.02 37% core loss							
		14.02-14.32 33% core loss							
		@ 14.32 2.54cm gouge seam							
		14.32-15.24 22% core loss							
		15.24-15.84 62% core loss mud fault? rubble							
		15.84-17.06 50% core loss							
		17.06-17.37 33% core loss							
		@ 17.98 2.54cm mud-gouge seam foliation fabric							
		70° to core axis							
		17.37-18.89 0% core loss							
		18.89-19.35 25% core loss							
		19.35-20.42 0% core loss							

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 Hole No. 388.02

PROPERTY: SUN

Metres from	Metres to	DESCRIPTION	Sample No.	Metres from	Metres to	Length	Au ppb		
20.42	21.94	Same as above/5-10% garnet 0% core loss							
		Garnet increases to 40% by 21.94m/mineralization							
		dropping from 35% to 5% or less							
21.94	29.56	A buff to light gluish grey siltstone that is 25-	700310	21.94	23.47	1.52	05		
		30% argillically altered/sericite and fractures	700311	23.47	24.84	1.34	05		
		@ 10-15% to core axis generally calcite coated	700312	24.84	26.21	1.34	05		
		trace to 0.5% pyrite. Foliation or fabric 80° to	700313	26.21	28.04	1.82	20		
		core axis	700314	28.04	29.96	1.52	05		
		21.94-22.86 50% core loss rubble							
		22.86-23.46 50% core loss rubble							
		23.46-24.84 13% core loss							
		24.84-25.60 20% core loss							
		The argillic alt increases to approx 50% around							
		23.38-24.68 & then drops a constant 15% by 26.21							
		to 29.56 25.60-26.21 10% loss rest 2-5% loss							
29.56	40.74	Qtz flooded (20-50%) bluish grey sltstn with	700315	29.96	31.05	1.52	05		
		lighter greenish areas of chlorite alt & an over-	700316	36.76	38.3	1.52	05		
		all 1-5% argillic alt.							
		29.56-31.5 0% core loss							
		@ 34.13 .25cm calcite vn @ 15° to core axis							
		@ 35.05 5.08cm qtz vn @ 75° to core axis							
		@ 36.76-37.79 numerous small qtz vns/2-3% pyrite							
		pyrrhotite blebs & 2-5% garnets, over 2-5% core loss							
40.74	42.06	Contact @ 85° to core axis. A slightly arkosic	700317	40.74	42.06	1.32	05		
		sandstone 15-30% argillic alt./sericite alt. a few							
		minor qtz units 5% core loss							

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PROPERTY: SUN

Metres from	Metres to	DESCRIPTION	Sample No.	Metres from	Metres to	Length	Au ppb		
42.06	46.17	Same as 29.56-40.74							
		At 45.3 2.54cm gouge seam 10-15% arg. alt.							
		15.24cm either side of seam							
		At 46.17 to 46.32 broken rock minor rubble.							
46.17	55.47	Contact @ 80-85° to core axis starts as a 35-45%	700318	47.57	48.49	.91	20		
		argillic altered arkosic sandstone by 46.94 an	700319	48.44	49.42	.91	05		
		argillically altered qtz flooded thin bedded silt-							
		stone/2-5% pyrite pyrrhotite interbedded/the sand-							
		stone @ 48.00 a .50 qtz vn subparallel to core							
		axis is 1% molybdenum.							
		47.24 7.62cm broken rubble							
		46.02-46.33 15% loss							
		46.94-47.85 25% loss Overall 95% recovery.							
		The rock gradually changes from the sandstone to							
		the bedded siltstone & back again over a 1.52-1.82							
		metre cycle/overall mineralization being less than							
		0.5% but in places/increase qtz veining being up							
		to 5% pyrrhotite, pyrite with moly, chalco, arseno							
		by 53.34m the rock has changed back to a moderately							
		coarse 5% argillically alt. quartzite/trace	700320	52.88	53.49	.61	05		
		mineral at 49.98 several vuggy calcite veins over							
		.25cm No mineralization. Overall 95% core							
		recovery. Quartzite stil @ 55.47.							
55.47	70.1	Still a moderately coarse qtzite/up to 25% qtz							
		flooding but except for around fractures approx.							
		.30m there is only minor argillic alt. Less than							

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Page: 4 of 4 Hole No. 388.02

PROPERTY: SUN

Metres from	Metres to	DESCRIPTION	Sample No.	Metres from	Metres to	Length			
		0.5% diss. pyrite from 61.26-63.39 25-30% argillic							
		alteration.							
		From 63.39-70.1 its a fine grained quartzite with							
		a .25cm calcite vein subparallel to core axis from							
		64.31-65.22 rubble/50% core loss. The quartzite							
		increases to moderately coarse by 67.05m/10-15%							
		argillic alt. Overall 5% core loss							
		EOH 70.1							

LOCATION: 11 + 02N 12 + 76E

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Page: 1 of 10 Hole No. 388.03

AZIMUTH: 270°

PROPERTY: SUN

DIP: -55° LENGTH: 158.5 ELEVATION:

CLAIM NO: SUN

STARTED: July 28, 1987 CORE SIZE: BQ DATE LOGGED: July 29-Aug. 6

SECTION:

COMPLETED: August 6, 1987 DIP TESTS: None

LOGGED BY: D.J. Brownlee

PURPOSE: To test strat. & skarn mineralization

Metres from	Metres to	DESCRIPTION	Sample No.	Metres from	Metres to	Length	Au ppb		
0	4.36	Overburden.							
4.36	10.66	Coarse layered breccia composed of fragments of	700321	4.36	5.18	1.52	5		
		phyllitic shale, argillite, calcareous argillite	700322	5.18	6.70	6.09	20		
		The matrix is composed of a pyrite matrix in fine	700323	6.70	8.22	1.52	5		
		ground mass of the fragments and grades into	700324	8.22	9.75	1.52	5		
		massive pyrite zones which show sub bedding. These	700325	9.75	10.66	1.52	5		
		matrices are "interbedded" with an argillaceous							
		matrix with up to 10% diss. pyrite by 7.62m this							
		has become an almost completely mylonized mass.							
		4.6 - 5.18 0% core loss							
		5.18- 5.21 2.54cm mud seam							
		5.21- 5.49 15% core loss rubble							
		5.49- 6.70 18% core loss							
		6.70- 8.23 47% core loss							
		8.23- 9.75 80% core loss							
		9.75-10.66 rubble 80% + core loss							
10.66	13.86	Broken rubble composed of massive pyrite / less	700326	10.66	13.86	1.52	5		
		than 1% calcite or arg. alt. feld./some evidence							
		of vugs. Less than 0.5% chalcopyrite.							
		10.66-10.97 50% core loss 10.97-11.27 75% c.l.							
		11.27-12.03 80% core loss 12.03-12.80 85% c.l.							
		12.80-13.86 95% core loss							
13.86	20.42	No core recovery.							

Metres from	Metres to	DESCRIPTION	Sample No.	Metres from	Metres to	Length	Au ppb		
20.42	20.84	Black muddy sand. 60% core loss							
20.84	26.73	Starts as 80% argillically altered, sericite							
		altered silicified light greyish semimassive	700327	20.84	21.64	.65	5		
		fine grained arkosic sandstone (qtztic siltstone?)	700328	21.64	24.23	2.59	5		
		in last 1.82m the core shows remnant bedding or	700329	24.23	24.69	.45	5		
		foliation @ 80° to core axis, qtz filled fractures	700330	24.69	26.16	1.47	5		
		.12cm / .50cm arg. alt. halos & @ 10-15° to core							
		axis every .30m to .60m.							
		20.84 - 21.64 35% core loss							
		21.64 - 22.55 60% core loss							
		21.79 - 24.23 rubble							
		22.55 - 23.16 65% core loss							
		23.16 - 23.46 50% core loss							
		23.46 - 23.77 75% core loss							
		23.77 - 24.23 40% core loss							
		24.23 - 24.69 2% core loss							
		24.69 - 26.21 0% core loss							
26.16	32.50	Light bluish medium grey silicified siltstone /	700331	26.16	27.74	1.26	5		
		less then 0.5% diss. pyrite (basically same as							
		above) without the argillic alt. Every 15.24 to							
		30.48cm a .25cm calcite vein @ 45° to core axis							
		26.21 - 26.51 rubble 50% core loss							
		26.51 - 27.74 2% core loss							
		Fine grained qtzite in part and an overall 1-5%							
		chlorite content. Has graded into a silicified							
		fine grained qutzite / minor qtz veins .25 - .63cm							

Metres from	Metres to	DESCRIPTION	Sample No.	Metres from	Metres to	Length	Au ppb		
		every .30 to .60 metres. The calcite filled							
		fractures are at 45 and 75° to core axis.							
		27.74 - 28.80 2% core loss moderately							
		broken by 28.80 and back to							
		the mottled qtz flooded siltstone.							
		28.80 - 29.56 5% core loss							
		29.56 - 30.63 2% core loss							
		30.63 - 32.50 2% core loss							
32.51	33.63	Same as above except 25-50% argillic alteration.	700332	32.51	33.63	1.11	5		
		Contact at 33.63 is 40° to C.A. 1-2% chlorite at							
		33.63m.							
		At 32.61m .63m qtz vein &fault gouge & rubble							
33.36	36.02	Rythmically banded silicified medium grey siltstone							
		/banding @ 75° to C.A. / infreq. qtz vns sub// to							
		banding, no alt. noted, only trace pyrite mainly /							
		qtz vns. 34.13 - 35.66 2% core loss							
36.02	37.26	Same as above except 15-25% argillic alt. minor	700333	36.02	37.26	1.24	5		
		calcite veining / qtz vns. No mineralization noted							
		35.66 - 37.18 2% core loss							
37.26	38.7	Same as above except 10% diss. blotches of pyrite	700334	37.26	38.7	1.44	1780		
		37.18 - 38.71 80% core loss							
		This core loss occurs from 37.49 - 38.71, there is							
		no rubble or gouge & the core starting at 38.71.							
		do not know what happened here.							
38.71	45.26	Altered silstone after 5.08cm as medium grained							
		qtzite / matrix 80% argillically altered /							

Metres from	Metres to	DESCRIPTION	Sample No.	Metres from	Metres to	Length	Au ppb		
		minor sericite alt. no mineralization							
		At 39.26m 2.54cm gouge zone fault							
		At 39.47m contact @ 70° to core axis with inter-							
		bedded siltstone & quartzite up to 40% arg. alt.							
		trace sulphides by 39.77 back to quartzite							
		39.31 - 40.23 2% core loss	700336	41.15	41.76	.61	5		
		At 41.45 a .15cm qtz vn @ 50° to core axis							
		argillic alteration up 50% 30.48cm either side of							
		vn / minor chlorite.							
45.26	45.72	Argillically altered quartz feldspar porphyry /							
		wall rock frags, contact @ 75° to core axis							
45.72	46.48	A light bluish grey quartz flooded siltstone / a							
		few .5cm qtz vns.							
46.48	52.83	Light bluish beige to beige quartzite up to 40%	700337	48.77	49.38	.61	5		
		argillic alt of matrix	700338	49.38	49.83	.48	5		
		At 48.77m minor rubble	700339	49.83	50.75	.91	5		
		49.27m 5.08cm qtz vn / 2.54cm pyrite rich							
		zone (25%)							
		48.77 - 49.37 30% core loss							
		49.37 - 49.53 50% core loss							
		49.53 - 49.83 5% core loss							
		49.83 - 50.59 20% core loss							
		49.83 - 49.98 broken / myriad clacite vns							
		minor brecciation & 2% pyrite.							

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Metres from	Metres to	DESCRIPTION	Sample No.	Metres from	Metres to	Length	Au ppb		
52.83	60.96	A light bluish gray initially banded silicified							
		siltstone becoming	700340	55.47	56.13	.66	5		
		submassive/minor banding by 53.95; there	700341	65.13	56.34	.203	5		
		is minor (up to 5%) argillic alteration and							
		1-2% chlorite and sericite alt. <0.5% dissemi-							
		nated pyrite.							
		55.47-55.78 minor .13 qtz. veins @ 75° to							
		core axis.							
		56.13-56.98 qtz. vein @ 50° to core axis.							
		52.83-56.99 2% or less core loss, massive							
		med. bluish gray siltstone or dirty ss by							
		56.99.							
		57.91-58.03, 25% core loss; no rubble or gouge							
60.96	64	First .40 cm interbedded argillic alt. ss. &	700342	62.48	64		5		
		siltstone 7.62 cm - 10.16 cm wide by 61.57, a							
		medium grained sandstone/50% argillic alt. of							
		feldspars and matrix,							
		62.18 -63.70 20% core loss							
		at62.78 1.27 cm gouge zone 45° to core axis							
		Around 62.48-62.78 the sandstone shows up to 5%							
		chlorite, stress fractures/have .25cm argillic							
		halves @ 80° to core axis							
		@ 64 m rubble zone							
64	67.05?	Silicified med. bluish gray siltstone which for							
		~~first 2.54 cm shows foliation and chlorite associ-~~							
		ated/ 64 m rubble?							
		63.70-64.61 10% core loss							
		66.14-67.66 30% core loss							

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 Hole No. 388.03

PROPERTY:

Metres from	Metres to	DESCRIPTION	Sample No.	Metres from	Metres to	Length	Au ppb		
67.05	69.18	67.05-67.66 intbdd. siltstone & ss							
		67.66 - med. grained sandstone 5-10% arg. alt. of matrix.							
		67.66-69.18 35% core loss, no apparent reason for it.							
		By 69.18, minor banding appears @ 75-80° to core axis.							
69.18	71.93	60-70% qtz flooded argillic (15%) siltstone with banding destroyed.	700343	69.18	70.42	1.23	5		
		@ 69.49 - .25 cm pyrite vn. @ 10° to core axis	700344	70.42	71.01	.62	5		
		@ 69.79 - .10 qtz., semi banded with vug up to .50 cm over a 2.54 cm zone							
		@ 70.72 @ .63cm to .25 cm qtz pyrite vn. with vugs/pyrite crystals in the vugs. 5% core loss.							
71.93	75.59	Medium coarse quartzite/35% and argillic alteration of the matrix (trace sulphide)	700345	71.93	82.85	1.04	5		
75.59	82.60	Silicified banded medium blue gray siltstone trace sulphides, rare qtz. vns., minor healed fractures/no argillic alteration 5-10% argillic chlorite alt. , foliation banding 55° to core axis.							
82.30	82.60	A fracture 5° to core axis /.25cm arg. alt. minor quartz infilling & 5% pyrite @ 82.60 a 5.08 cm qtz. vn./ 2.54cm bleb of pyrite/pyrrhotite.	700346	82.30	82.60	.105cm			
82.60	87.17	Starts as a fine grained grading to a med. fine grained qtzite/10-15% argillic alteration.							

Metres from	Metres to	DESCRIPTION	Sample No.	Metres from	Metres to	Length	Au ppb		
		@ 84.44 - 7.62 cm QFP/alt. felds. arg. alt.							
		@ 55° to core axis.							
		@ 85.95 - 2.54 cm QFP 55° to core axis and							
		an older qtz. vn. 1.27 cm @ 5° to core axis							
		2% core loss overall core axis @ 89.30.							
87.17	90.52	Partially silicified moderately bedded siltstone							
		banding @ 55° to core axis.							
		@ 90.23 - 7.62 cm							
90.52	93.87	Fine grained 10% arg. sericite alt. qtzite	700347	92.35	93.26	.91	1000		
		with minor banding & 2 calcite & clay filled							
		fractures @ 15° to core axis @ 91.13.							
		From 92.35 to 92.96 - minor qtz. flooding							
		& veining/ 1% pyrite & epidote with the qtz.							
		5% core loss overall.							
93.87	103.33	banded 5% arg. & sericite alt. siltstone	700348	100.43	100.73		5		
		@ 100.43-100.73 rhyolite dike @ 45° to core axis.	700349	100.73	102.10		5		
		@ 100.96 - .254 cm, qtz. calcite vn / 0.5%							
		pyrite							
		@102.10 @ 1.27 cm vuggy qtz. vn., then 6.35 cm							
		rhyolite @ 50° to core axis.							
103.47	104.16	Light greenish rhyolite @ 50° to core axis.							
104.16	105.38								
		QFP width 75% of feldspars arg. alt. 60%	700350	104.16	105.38	1.21	5		
		core loss.	700351	109.42	110.95	1.53	5		
105.38	116.43	40-60% qtz. flooded, med. bluish gray, siltstone							
		/ up to 3% chlorite alt. minor arg. & sericite							

Metres from	Metres to	DESCRIPTION	Sample No.	Metres from	Metres to	Length	Au ppb		
		few qtz. vns. No noticable mineralization							
		in last .45 m two .25 cms marcasite vns.							
		@ 109.57 - .91m qtz. vn. @ 50° to core axis, no mineralization.							
		@ 109.88 - 10.16cm qtz. vn. @ 80° to core axis; no mineralization.							
		@ 110.49 - 7.62 qtz. vn. @ 75° to core axis no mineralization.							
		@ 111.25 - 3.81cm qtz. vn. @ 75° to core axis.							
116.43	117.34	Brecciated qtz flooded sltst with all fractures showing arg. alt. @ 116.43 a .61m qtz marcasite 20% vuggy matrix @ 45° to core axis. At 117.19 a 2.54cm qtz marcasite vuggy matrix @ 50° to core axis. At 117.34 a .25cm vuggy qtz marcasite vein @ 10-15° to core axis.	700352	116.43	117.34	.92	5		
117.34	118.00	Same as 105.38 - 116.43 except 60% argillic alt / chlorite & trace sulfides banding at 45° to core axis. At 118.00m 2.54cmof pale white rhyolite / 25% diss. pyrite @ 75° to core axis, do not see downhole contact.	700353	117.34	118.00	.66	5		
		116.43 - 117.95 5% core loss							
		117.95 - 119.48 53% core loss							
118.00	119.48	Same as before except brecciated, thought it might be a rhyolitic matrix but it is a yellowish beige							

Metres from	Metres to	DESCRIPTION	Sample No.	Metres from	Metres to	Length	Au ppb		
		colour and is med. soft / no mineralization except	700354	118.00	119.48	1.48	5		
		for some mineralized fragments.							
119.48	121.01	By 119.48 the brecc. has ended the sltst is 15%	700355	119.48	121.01	1.53	5		
		silicified / banding @ 45° to core axis / fract.							
		every 2.54 - 5.08cm at 90° to banding & show .25cm							
		alt halos.							
121.00	135.63	By 121m the argillic alt except for minor spots has	700356	130.15	131.67	.86	40		
		died out everything else is the same / silicifi-	700357	133.81	134.64	1.83	50		
		cation running from 25 - 45° and chlorite from 5%							
		to 30% the fractures are still 85-90° to bedding &							
		show minor argillic alt. there is up to 5% garnet							
		in places & around 123.44m 1% diss. & frac. coating							
		pyrite.							
		129.84 - 135.5 overall colour pale green							
		at 130m 1.52cm rubble overall less than 2% core							
		loss. 85% of all fractures pyrite coated over-							
		all pyrite content increases sporatically up to							
		2%.							
135.64	158.49	Contact at 30° to core axis .91m of fine grained	700358	135.64	137.16	1.96	5		
		biotite quartzdiorite into quartz feldspar porphyry	700359	137.16	138.68	1.52	5		
		with 60-85% of the feldspars argillically altered	700360	146.85	147.37	.52	50		
		At 146.85-147.37 feldspars are 100% arg. alt.	700361	153.01	154.53	1.52	5		
		swirling calcite $\pm$ qtz veining / 10-20% pyrite.	700362	154.53	156.06	1.53	20		
		Around 154.23 - 155.44m there is a greenish tinge	700363	156.06	157.58	1.52	10		
		to the qfp. chloritic alt? at 155.75m a swirling							
		pyrite calcite vein? @ 65° to core axis.							

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 Hole No. 388.03

PROPERTY: SUN

Metres from	Metres to	DESCRIPTION	Sample No.	Metres from	Metres to	Length
		At 157.58m biotite quartz diorite fine grained.				
		The pyrite content increased to approx. 1-2% up to				
		157.58.				
		E.O.H. 158.48m				

LOCATION: 11 + 02N 12 + 76E

AZIMUTH: 270°

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Page: 1 of 4 Hole No. 388.04

PROPERTY: SUN

DIP: 87° LENGTH: 72.54m ELEVATION: CLAIM NO: SUN

STARTED: August 6, 1987 CORE SIZE: BQ DATE LOGGED: August 7,1987 SECTION:

COMPLETED: DIP TESTS: NONE LOGGED BY: D.J. Brownlee

PURPOSE: To test strata

Metres from	Metres to	DESCRIPTION	Sample No.	Metres from	Metres to	Length	Au ppb		
0	2.74	Casing.	700364	2.74	5.18	1.52	5		
2.74	16.46	Breccia, sulphide see hole 388.03	700365	5.18	9.75	1.52	5		
		2.74- 5.18 2% core loss	700366	9.75	16.46	12.19	40		
		At 5.18m 2.54cm plus core loss							
		5.18-16.15 rubble 65-85% core loss							
		8.52m and on may just be cave							
		At 3.65m .50cm gouge seam							
		At 4.11m 6,35cm gouge seam							
16.46	26.52	May actually start around 11.58m. Looks as if it	700367	16.46	18.9	1.52	5		
		was originally a banded sltst that is 85% argillic							
		alt. 5% sericite 10% qtz / remnant foliation @ 80°							
		to core axis & fractures @ 5-15% to core axis, no							
		mineralization noted.							
		15.85-17.37 gouge 50% loss							
		16.46-18.89 15-20% core loss							
		18.89-19.81 10% core loss							
		19.81-20.42 3% core loss							
		20.42-21.03 5% core loss							
		21.03-21.33 first 15.24cm rubble 5% c.l.							
		21.33-21.94 2%							
		21.94-22.25 20% last 15.24cm rubble/qtz							
		22.25-23.46 75% rubble							
		23.46-24.99 0%							

A·M exploration ltd

 Hole No. 388.04

PROPERTY: SUN

Metres from	Metres to	DESCRIPTION	Sample No.	Metres from	Metres to	Length	Au ppb		
25.29	28.80	By 26.52m the alteration has dropped to 50% or	700367	25.30	26.82	1.52	50		
		less & the rock is now a med. grained quartzite	700370	28.5	28.8	.3	5		
		At 25.75m 3.81cm qtz/pyrite less than 2%							
		26.21-26.52 rubble 40% core loss qtz							
		26.82 qtz rubble							
		26.52-26.82 35% core loss							
		27.43-27.73 rubble 10% core loss							
		28.5 qtz vn @ 5% to core axis							
28.80	42.98	Mottled greenish brown quartzitic siltstone 10-15%	700371	28.8	30.48	1.68	10		
		quartz flooding.							
		At 29.87 fracturing to pyrite coating fractures							
		At 32.46-32.61 gouge							
		33.37 5cm broken rock							
		33.52-33.98 broken rock							
		34.90 5cm broken rock							
		By 38.40 there are bands / up to 5% garnet 3-3%							
		chlorite to .25cm arg haloes along fractures							
		banding @ 85° to core axis core loss less than 2%							
		overall.							
		At 38.91 5cm broken rubble (end of run)							
43.13	53.64	Interbedded siltstone & quartzite that is 60-85%	700383	43.13	44.2	1.07	5		
		argillically altered / fractures pyrite coated &	700384	46.02	47.4	1.38	5		
		qtz vns in part vuggy / up to 5% pyrite.	700345	47.4	48.77	1.37	5		
		At 43.58 7.62cm qtz vn no vugs							
		43.89-44.19 rubble 43.28-44.19 25% c.l.							
		46.18 10.16cm qtz vn							

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Page: 3 of 4 Hole No. 388.04

PROPERTY: SUN

Metres from	Metres to	DESCRIPTION	Sample No.	Metres from	Metres to	Length	Au ppb		
		46.63 5.08cm qtz vn & flooding to 47.39m							
		At 47.24 10.16cm qtz vn							
		46.33-46.63 5.08cm qtz 15% core loss							
		52.04 5.08cm qtz							
		52.27 2.54cm qtz							
		53.03-53.64 fine grained QFP @ 45° to core axis							
		53.64 after 53.64 arg. alt. drops to							
		25-35%							
53.64	56.23	Banded silicified siltstone / up to 25% arg. alt.							
56.23	61.46	Contact @ 80° to core axis qtzite med. grained	700386	56.84	58.52	1.68	5		
		matrix 80% arg. alt. numerous small fractures &	700387	59.74	60.05	.31	5		
		.25cm qtz every .30cm							
		59.74-60.05 qtz vns 2.54-5.08cm & flooding to							
		40%							
61.01	61.26	Banded siltstone							
61.26	65.23	Fine to coarse grained quartzite / minor feldspar	700388	61.51	61.87	.36	5		
		(arg. alt.) (may be a highly alt QFP but unlikely)	700389	61.87	63.09	1.22	5		
		At 61.72 5.08cm vuggy qtz vn	700390	64.31	65.23	.93	5		
		62.17 5.08 qtz							
		62.48-62.78 qtz vn massive							
		64.46-64.61 qtz vn massive							
		64.77-64.92 qtz vn massive							
65.22	66.65	Banded qtz flooded siltstone 25-30% arg. alt	700391	67.36	68.88	1.52	5		
		65.53-65.58 massive qtz vn							
66.14	68.88	Same as 61.01-65.22 / up to 35% qtz flooding @							
		67..97 2 qtz vns 5.08cm thick 6.35cm apart							

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Page: 4 of 4 Hole No. 388.04

PROPERTY: SUN

Metres from	Metres to	DESCRIPTION	Sample No.	Metres from	Metres to	Length	Au ppb
68.88	72.54	Banded siltstone banded @ 75-80° to core axis					
		up to 60% arg. alt. in places, overall 15%	700392	69.16	69.34	.18	5
		At 69.16-69.34 a 2.54cm wide qtz, calcite, pyrite					
		vn vuggy @ 5° to core axis.					
		E.O.H. 72.54m					

APPENDIX II

ANALYTICAL RESULTS

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

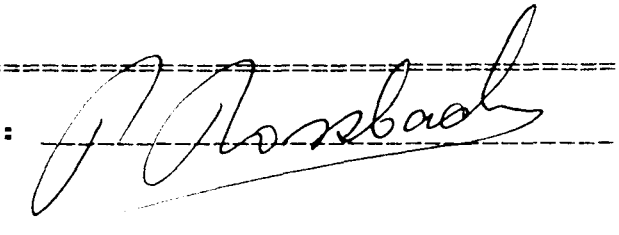
CERTIFICATE OF ANALYSIS

TO : A&M EXPLORATION LTD.
614-850 W. HASTINGS STREET
VANCOUVER B.C.

PROJECT: 380
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 87402
INVOICE#: 7895
DATE ENTERED: 87-08-18
FILE NAME: A&M87402
PAGE # : 1

PRE FIX	SAMPLE NAME	PPM W	PPB Au
A	380 700261	1	40
A	700262	1	5
A	700263	1	20
A	700264	1	180
A	700265	50	920
A	700266	2	210
A	700267	1	40
A	700269		100
A	700270		250
A	700271		290
A	700272		5
A	700273		5
A	700274		5
	700275		5
A	700276		5
A	700277		5
A	700278		5
A	700279		5
A	700280		5
A	380 700281		5
A	700282		5
A	700283		5
A	700284		5
A	700285		5
A	700286		20
A	700287		5
A	700288		5
A	700289		5
A	700290		5
A	700291		5
A	700292		5
A	700293		5
A	700294		5
A	700295		5
A	700296		5
A	700297		40
A	700298		110
A	700299		230
	380 700300		1840

CERTIFIED BY : 

OSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : A&M EXPLORATION LTD.
614-850 W. HASTINGS STREET
VANCOUVER B.C.

PROJECT: 380
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 87402
INVOICE#: 7895
DATE ENTERED: 87-08-18
FILE NAME: A&M87402
PAGE # : 2

PRE FIX	SAMPLE NAME	PPM W	PPB Au
A	380 700301		200
A	700302	10	10
A	700303	20	20
A	700304	60	5
A	700305	60	5
A	700306	1	5
A	700307	1	40
A	700308	20	400
A	700309	55	180
A	700310	10	5
A	700311	5	5
A	700312	1	5
A	700313	160	20
	700314	1	5
A	700315		5
A	700316		5
A	700317		5
A	700318		50
A	700319		5
A	380 700320		5

CERTIFIED BY : J. Ossbach

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : A&M EXPLORATION LTD.
614-850 W. HASTINGS STREET
VANCOUVER B.C.

PROJECT: # 380
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 87438
INVOICE#: 7921
DATE ENTERED: 87-08-21
FILE NAME: A&M87438
PAGE # : 1

PRE FIX	SAMPLE NAME	PPB Au
A	700268	50
A	700321	5
A	700322	20
A	700323	5
A	700324	5
A	700325	5
A	700326	5
A	700327	5
A	700328	5
A	700329	5
A	700330	5
A	700331	5
A	700332	5
A	700333	5
	700334	1780
	700335	5
A	700336	5
A	700337	5
A	700338	5
A	700339	5
A	700340	5
A	700341	5
A	700342	5
A	700343	5
A	700344	5
A	700345	5
A	700346	5
A	700347	1000
A	700348	5
A	700349	5
A	700350	5
A	700351	5
A	700352	5
A	700353	5
A	700354	5
A	700355	5
A	700356	40
A	700357	50
A	700358	5
A	700359	5

CERTIFIED BY : J. Rossbach

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
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TO : A&M EXPLORATION LTD.
614-850 W. HASTINGS STREET
VANCOUVER B.C.

PROJECT: # 380
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 87438
INVOICE#: 7921
DATE ENTERED: 87-08-21
FILE NAME: A&M87438
PAGE # : 2

PRE FIX	SAMPLE NAME	PPB Au
A	700360	50
A	700361	5
A	700362	20
A	700363	10
A	700364	5
A	700365	5
A	700366	40
A	700367	5
A	700368	5
A	700369	50
A	700370	5
A	700371	10
A	700372	10
A	700373	5
	700374	5
	700375	5
A	700376	5
A	700377	5
A	700378	5
A	700379	590
A	700380	290
A	700381	40
A	700382	1860
A	700383	5
A	700384	5
A	700385	5
A	700386	5
A	700387	5
A	700388	5
A	700389	5
A	700390	5
A	700391	5
A	700392	5

CERTIFIED BY : J. Rossbach

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : A&M EXPLORATION LTD.
614-850 W. HASTINGS STREET
VANCOUVER B.C.

PROJECT: 380
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 87364
INVOICE#: 7800
DATE ENTERED: 87-07-28
FILE NAME: A&M87364
PAGE # : 1

PRE FIX	SAMPLE NAME	PPB Au
A	706222	40
A	706223	500
A	706224	40

CERTIFIED BY : J. Rossbach

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : A&M EXPLORATION LTD.
614-850 W. HASTINGS STREET
VANCOUVER B.C.

PROJECT: 380
TYPE OF ANALYSIS: ASSAY

CERTIFICATE#: 87364.A
INVOICE#: 7809
DATE ENTERED: 87-07-30
FILE NAME: A&M87364.A
PAGE # : 1

PRE FIX	SAMPLE NAME	oz/t Au
A	706221	0.662

CERTIFIED BY : J. Rossbach

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : A&M EXPLORATION LTD.
614-850 W. HASTINGS STREET
VANCOUVER B.C.

PROJECT: GUERRA
TYPE OF ANALYSIS: ASSAY

CERTIFICATE#: 87194.A
INVOICE#: 7619
DATE ENTERED: 87-05-21
FILE NAME: A&M87194.A
PAGE # : 1

PRE FIX	SAMPLE NAME	oz/t Au	% Co
A	B-87-001	0.627	1.08

CERTIFIED BY : Rossbach

ME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VA JVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 25)11

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOLUTION

DATE RECEIVED: AUG 13 1987 DATE REPORT MAILED: Aug 17/87 ASSAYER..D. Toye..DEAN TOYE, CERTIFIED B.C. ASSAYER

ROSSBACHER LABORATORY PROJECT-CERT #87402 File # 87-3230 Page 1 AU M 380

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
AP 700261	1	1520	47	61	2.1	7	34	575	16.06	43	5	ND	5	6	1	2	683	5	1.40	.003	5	22	.14	12	.02	6	.34	.06	.11	3
AP 700262	1	880	24	47	1.1	9	27	1229	12.33	532	5	ND	5	27	1	2	61	6	2.79	.019	11	26	.25	20	.04	9	.67	.07	.18	5
AP 700263	1	866	20	28	1.4	5	20	862	10.71	14	5	ND	3	14	1	2	223	3	2.12	.062	6	9	.14	4	.02	8	.28	.04	.09	2
AP 700264	1	1307	16	34	1.7	4	34	959	14.65	90	5	ND	3	12	1	2	1111	4	1.39	.020	32	9	.10	10	.02	3	.05	.01	.04	2
AP 700265	1	4693	22	41	2.8	5	60	659	22.23	147	5	ND	3	5	1	2	2755	5	1.69	.001	13	14	.39	2	.01	5	.01	.01	.02	47
AP 700266	1	917	17	26	.9	3	19	866	20.75	8	5	ND	2	5	1	2	115	8	6.01	.015	2	17	.08	1	.02	10	.25	.01	.03	23
AP 700267	1	188	15	20	.3	3	6	1042	7.52	5	6	ND	1	4	1	2	26	3	7.13	.009	2	20	.07	2	.02	2	.41	.01	.03	1
AP 700269	1	1311	30	134	.4	17	58	7038	38.46	41	5	ND	4	11	2	2	117	3	1.27	.010	4	18	.69	18	.01	2	.26	.01	.02	2
AP 700270	1	2052	26	108	.8	49	84	4547	33.35	30	5	ND	4	8	1	19	298	14	1.17	.004	4	38	.54	9	.01	2	.26	.01	.02	4
AP 700271	1	1188	23	95	.9	65	67	2118	24.73	15	5	ND	6	10	1	5	310	34	.91	.019	11	75	.44	11	.01	4	.58	.01	.04	3
AP 700272	2	21	10	37	.1	46	7	453	2.24	4	7	ND	18	19	1	2	2	21	.78	.255	41	58	.16	84	.01	5	1.37	.01	.39	1
AP 700273	5	25	9	46	.1	40	9	462	2.85	4	5	ND	15	7	1	2	2	26	.19	.016	35	64	.23	79	.01	4	.99	.01	.36	1
AP 700274	1	12	13	35	.1	35	10	500	4.34	9	5	ND	18	9	1	2	2	23	.15	.012	36	27	.47	85	.01	8	.89	.01	.38	1
AP 700275	1	88	15	48	.1	33	9	422	3.23	10	5	ND	18	8	1	2	3	19	.09	.011	39	45	.48	68	.01	7	1.00	.01	.36	1
AP 700276	1	22	15	44	.1	41	15	659	4.30	18	5	ND	21	17	1	2	2	23	.30	.074	31	30	.51	72	.01	7	1.01	.01	.38	1
AP 700277	54	37	8	15	.1	17	5	405	1.91	3	5	ND	11	4	1	2	4	14	.12	.007	18	98	.09	13	.01	4	.54	.01	.10	1
AP 700278	30	15	6	8	.1	10	3	268	1.13	2	5	ND	13	4	1	2	2	7	.06	.007	21	108	.08	9	.01	4	.44	.01	.08	1
AP 700279	5	15	7	8	.2	11	2	207	.89	3	5	ND	10	3	1	2	2	8	.07	.006	17	149	.04	4	.01	3	.38	.01	.05	1
AP 700280	6	25	5	18	.1	13	4	331	1.48	2	5	ND	10	5	1	2	2	11	.08	.007	17	136	.08	6	.01	2	.45	.01	.07	1
AP 700281	4	31	3	20	.1	13	4	336	1.68	2	5	ND	11	12	1	2	3	11	.17	.007	21	160	.11	7	.01	4	.47	.01	.08	1
AP 700282	6	43	6	24	.4	15	4	301	1.86	13	5	ND	11	50	1	2	2	5	.74	.007	17	136	.31	16	.01	7	.39	.01	.17	1
AP 700283	153	38	13	27	.1	24	7	554	1.77	34	5	ND	13	57	1	3	2	6	1.40	.015	14	68	.42	35	.01	13	.63	.01	.34	1
AP 700284	10	18	11	27	.1	11	3	484	2.03	5	5	ND	14	46	1	2	2	8	1.21	.050	21	90	.43	23	.01	9	.53	.01	.24	1
AP 700285	2	34	10	53	.1	30	12	461	4.20	47	5	ND	15	92	1	2	2	11	1.10	.023	12	39	.74	71	.01	15	.77	.01	.42	1
AP 700286	2	30	12	75	.1	29	14	834	4.50	26	5	ND	15	107	1	2	19	13	2.12	.019	17	48	.88	58	.01	12	.66	.01	.33	4
AP 700287	3	27	7	18	.1	18	6	292	1.61	5	5	ND	12	12	1	2	2	14	.60	.008	21	103	.15	19	.01	3	.74	.01	.16	1
AP 700288	4	127	6	10	.1	10	3	232	1.03	102	5	ND	9	8	1	2	2	14	.09	.009	14	129	.03	6	.01	2	.53	.01	.04	1
AP 700289	23	3	10	14	.1	10	4	313	1.42	4	5	ND	15	25	1	2	2	8	1.22	.025	25	96	.13	8	.01	2	.56	.01	.07	1
AP 700290	5	27	11	31	.2	29	11	225	2.54	42	5	ND	14	16	1	2	2	31	.47	.013	21	119	.66	58	.06	2	1.58	.05	.57	1
AP 700291	5	9	6	11	.1	10	2	135	1.08	2	5	ND	8	38	1	2	2	8	1.07	.006	17	185	.35	17	.01	5	.62	.04	.16	18
AP 700292	3	23	8	23	.1	16	5	231	1.81	109	5	ND	11	15	1	2	2	16	.34	.005	12	139	.38	31	.04	2	.64	.02	.24	1
AP 700293	16	4	11	16	.1	9	3	273	1.58	35	5	ND	14	119	1	3	2	1	2.02	.030	17	83	.60	25	.01	18	.30	.01	.29	1
AP 700294	2	7	8	8	.2	5	1	43	.88	10	5	ND	5	2	1	2	2	5	.02	.005	4	138	.01	5	.01	2	.22	.01	.05	1
AP 700295	2	213	17	23	.7	8	2	514	2.82	24	5	ND	14	23	1	3	2	7	.57	.008	9	120	.17	17	.01	11	.55	.01	.24	1
AP 700296	1	9	19	59	.5	22	11	4374	17.76	3	5	ND	9	9	1	2	8	53	.72	.012	8	85	.38	12	.01	3	.46	.01	.01	1
AP 700297	1	48	19	10	2.5	14	5	84	4.47	25	5	ND	3	5	1	49	23	4	.11	.014	2	157	.02	5	.01	2	.38	.01	.03	2
AP 700298	1	2542	26	57	1.6	9	26	1876	38.50	137	5	ND	5	9	1	2	281	1	.56	.010	2	48	.21	13	.01	5	.31	.01	.02	4
AP 700299	1	1532	19	36	.7	12	29	1335	28.90	2288	5	ND	4	42	1	2	198	11	.87	.040	4	70	.21	26	.01	2	.47	.01	.02	22
AP 700300	1	251	27	66	1.3	10	9	3302	14.83	27	5	ND	6	12	1	2	464	26	.90	.114	12	122	.33	11	.01	5	.57	.01	.05	6
STD C	18	60	39	132	7.5	68	28	935	3.86	37	22	8	39	52	18	17	23	57	.47	.085	39	61	.88	183	.10	38	1.87	.06	.13	14

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
AP 700301	1	4789	31	72	2.1	18	55	585	29.93	2	5	ND	7	3	1	2	522	8	2.43	.004	54	28	.29	1	.04	29	.75	.01	.06	65
AP 700302	1	1831	46	26	.8	5	33	357	21.18	111	5	ND	2	4	1	2	138	4	.50	.001	4	8	.06	2	.01	8	.08	.02	.06	17
AP 700303	1	1683	15	41	.5	4	20	729	23.08	165	5	ND	3	14	1	2	153	5	.92	.006	5	10	.17	11	.01	4	.30	.03	.12	15
AP 700304	1	1631	15	53	.4	5	72	606	19.24	2953	5	ND	2	12	1	2	152	4	.73	.066	3	12	.08	3	.01	8	.04	.01	.04	72
AP 700305	1	975	13	22	.4	3	33	432	11.70	2382	5	ND	3	27	1	2	107	6	1.92	.008	2	15	1.20	41	.02	3	.56	.01	.63	63
AP 700306	1	28	4	34	.1	30	8	360	3.43	23	5	ND	7	23	1	2	8	4	.34	.021	7	32	.57	26	.01	6	.28	.01	.20	1
AP 700307	1	1412	9	21	.4	3	16	605	13.97	10	5	ND	1	88	1	2	127	5	6.17	.007	2	7	.96	12	.01	2	.09	.01	.11	7
AP 700308	1	2277	27	45	1.1	5	24	507	26.57	213	5	ND	2	3	1	2	206	5	.61	.005	2	21	.20	2	.01	3	.28	.01	.04	14
AP 700309	1	1414	12	30	.5	4	14	808	14.49	32	5	ND	3	4	1	2	81	8	3.54	.005	2	32	.09	2	.02	2	.42	.01	.03	55
AP 700310	1	34	7	47	.1	30	10	736	4.21	656	5	ND	12	8	1	2	2	22	.25	.006	17	56	.29	15	.01	3	.49	.01	.14	1
AP 700311	2	16	5	40	.1	29	9	608	3.56	44	5	ND	14	16	1	3	2	17	.27	.010	15	62	.28	30	.01	3	.49	.01	.22	1
AP 700312	6	21	3	29	.1	38	12	381	3.67	119	5	ND	14	17	1	2	2	20	.65	.022	8	44	.58	34	.01	2	.57	.01	.29	1
AP 700313	1	1711	14	23	.5	4	50	444	17.47	2396	5	ND	3	8	1	2	87	5	1.55	.002	2	16	.09	5	.01	3	.08	.01	.06	171
AP 700314	1	9	6	56	.1	37	8	363	3.13	19	5	ND	13	12	1	2	2	19	.77	.031	9	35	.31	21	.01	2	.43	.01	.16	1
AP 700315	2	62	2	14	.1	11	4	143	1.70	7	5	ND	8	17	1	2	7	7	.76	.006	7	124	.32	11	.01	2	.40	.01	.15	1
AP 700316	4	82	4	19	.1	38	6	185	2.99	6	5	ND	16	15	1	2	2	26	1.50	.011	14	39	.36	24	.01	2	.74	.01	.33	1
AP 700317	1	35	4	25	.1	22	8	318	2.27	9	5	ND	12	13	1	2	2	12	1.07	.010	11	103	.13	10	.01	2	.28	.01	.08	1
AP 700318	250	361	8	45	.1	27	14	647	4.59	188	5	ND	10	38	1	7	10	7	.83	.021	13	73	.37	17	.01	6	.26	.01	.15	3
AP 700319	76	108	5	35	.1	25	8	556	3.14	17	5	ND	11	9	1	2	3	15	.25	.035	13	109	.24	13	.01	4	.36	.01	.11	1
AP 700320	20	38	10	22	.1	23	8	499	2.74	15	5	ND	13	6	1	3	2	15	.13	.010	16	85	.16	20	.01	2	.46	.01	.08	1
STD C	18	60	41	132	7.2	68	29	935	3.96	41	20	8	40	51	18	17	22	57	.48	.084	38	61	.88	182	.09	37	1.87	.06	.13	13

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

(370)

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOLUTION

DATE RECEIVED: JULY 29 1987 DATE REPORT MAILED: Aug 3/87 ASSAYER. D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

ROSSBACHER LABORATORY PROJECT-CERT#87364 File # 87-2811

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
706221	3	286	20532✓	2983	362.1✓	3	2	91	10.29	2761	5	18	2	2	26	3827✓	4	1	.01	.001	11	108	.02	3	.01	2	.01	.01	.04	1
706222	1	4	152	45	1.2	5	1	79	1.38	27	5	ND	1	2	1	8	2	1	.02	.001	2	144	.01	4	.01	2	.07	.01	.04	1
706223	1	28	216	73	3.4	9	2	277	1.32	255	5	ND	4	11	1	26	2	3	.13	.009	4	93	.03	18	.01	2	.16	.01	.10	1
706224	1	68	24	24	.6	14	7	217	2.27	30	5	ND	6	42	1	2	21	7	1.27	.054	3	131	.34	5	.01	2	.52	.01	.04	1

✓ - ASSAY REQUIRED FOR CORRECT RESULT -

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

YUKON QUARTZ MINING ACT

FORM "C" - APPLICATION FOR A CERTIFICATE OF WORK

RECEIVED
18 APR 1988
MINING RECORDER
WATSON LAKE, Y.T.
I.A. & N.D.

OFFICE DATE STAMP

(This form required in duplicate with sketch showing location of work.)

I (Name) Stuart Travis · Occupation Bookkeeper

(Postal Address) 704-850 West Hastings Street, Vancouver, B.C. V6C 1E1

MAKE OATH AND SAY, THAT:

1. I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.
2. I have done, or caused to be done, work on the following mineral claim(s):

(Here list claims on which work was actually done by number and name)

SUN 1 - 8 YA 54675 to YA 54682

SUN 9, 10 YB 00835, YB 00836

situated at 182 km. north of Watson Lake Claim Sheet No. 105 H/9

in the Watson Lake Mining District, to the value of at least $100,600.00

dollars, since the 20th day of July 1987,

to represent the following mineral claims under the authority of Grouping Certificate No. 4540

(Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested).

SUN 1 - 8	YA 54675 - YA 54682	5 years each
SUN 9	YB 00835	5 years
SUN 10	YB 00836	5 years

refused work done prior to recording of claims. S.

3. The following is a detailed statement of such work: (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 53.)

A diamond drilling program was initiated to test skarn type copper-silver-gold mineralization and associated sulphide mineralization with epithermal characteristics exposed in the valley bottom. Diamond drilling (389 metres) and a magnetic survey (5.6 line kilometres) was performed during the period July 20th to August 9th, 1987. Geological mapping of the valley bottom was also performed during this period, with rock and core samples being taken for analysis.

Sworn before me at Vancouver BC

this 14 day of April 1988

A Notary Public
[signature] HORST
BARRISTER & SOLICITOR
SUITE 601 CREDIT FONCIER BUILDING
850 WEST HASTINGS STREET
VANCOUVER, B.C. V6C 1E1
PHONE: 682-6221

Stuart Travis; agent of the owners'

Applicant

092148