GEOLOGICAL REPORT ON THE PROTEUS RESOURCES INC. RUBY VALLEY PROPERTY 1986 NORTH COBALT, ONTARIO

BY ROBERT CINITS

Proteus Resources Inc. is the present owner of a group of 15 leased and patented claims in Lorrian Township, district of Timiskaming, 45 km southeast of North Cobalt Ontario. The property is contiguous to the Silverside Resources claim group. During the period of May 14, 1986 to September 11, 1986 a mineral exploration program was carried out aimed at silver and gold mineralization. This involved 10,060 feet of diamond drilling (core size BQ), and 3 days of EM-37 geophysics. Drilling was performed by Barron Diamond Drilling and the geophysics was operated and interpreted by Quantech Consulting Inc. The core is stored on covered racks nearby the property on claim T-25683 (mining rights owned by Silverside Resources, surface rights owned by Peckover). A total of 514 split core samples were sent to Bell White for assay (292 Au + Ag, 22 Ag only, 200 Au only). As well 4 of the 16 holes had sludge samples taken every 10 feet and assayed for silver.

The reports describes the location, geology, structure and mineralization encountered on the property and recommendations for further exploration.

The report is based upon:

1) the records of the 1984, 1985, and 1986 exploration programmes of Proteus Resources Inc.
2) geological reports and maps of the O.G.S. and maps of the O.G.S. and O.D.M.
3) the records of the 1960's exploration program by the Timiskaming Project Syndicate, and the 1979 exploration program by Teck Explorations Ltd.
4) personal communication with geologists from Proteus Resources Inc. and Silverside Resources Inc.

Property and Location

The Proteus Resources Inc. property is located in Lorrain Township, in the District of Timiskaming, Ontario. There are a total of 15 contiguous claims which together make up 240 ha. of land. The claims are all leased except for two which are patented. The surface rights to the land are divided between G. Peckover, G.L. and L.W. Peddie, the Crown, and Proteus Resources Inc. The claim numbers are as listed below and located as on fig 3.

Claim Number	Area (ha)	Surface Rights
Patented Claim SE/4, N/2 Lot 1, Con 12	16	G.L. & L.W. Peddie
Patented Claim NE/4, S/2 Lot 1, Con 12	16	G.L. & L.W. Peddie
T-27917	16	Proteus Resources
T-27789	16	Proteus Resources
T-27790	16	Proteus Resources
T-27793	16	Proteus Resources
T-46861	16	Crown
T-46862	16	Crown
T-3591	16	G. Peckover
T-11627	16	Proteus Resources
T-31635	16	Crown
T-25997	16	Proteus Resources
T-25661	16	Proteus Resources
T-31634	16	Crown
T-27828	16	Proteus Resources

Access and Facilities

Access to the property is made from Highway 11B in North Cobalt at which point one travels approximately 2.5 km southeast on Highway 567 until a gravel service road is reached. This leads to the Silverside Resources ramp and the Proteus Property. Travelling south on the road one comes to the Proteus core shack at approximately 2.2 km. The property boundary is located 0.7 km further south along the road. (see Figs.1 & 2)

Many rough drill roads run across the property making easy access to all areas by foot or Ski-doo in the winter.

A creek traverses much of the claim group, supplying adequate water for diamond drilling in both the summer and winter months.

Should further development of the property be required, it is closely located to roads and towns (Cobalt, Haileybury, New Liskeard) with available mine supplies and milling services.

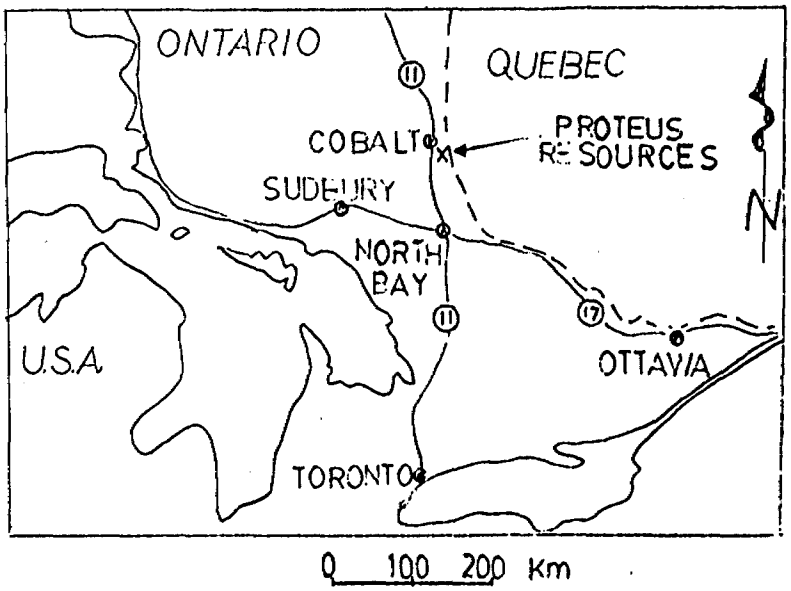

ONTARIO
QUEBEC
COBALT
PROTEUS RESOURCES
SUDBURY
NORTH BAY
U.S.A.
OTTAVIA
TORONTO
0 100 200 Km

Fig 1

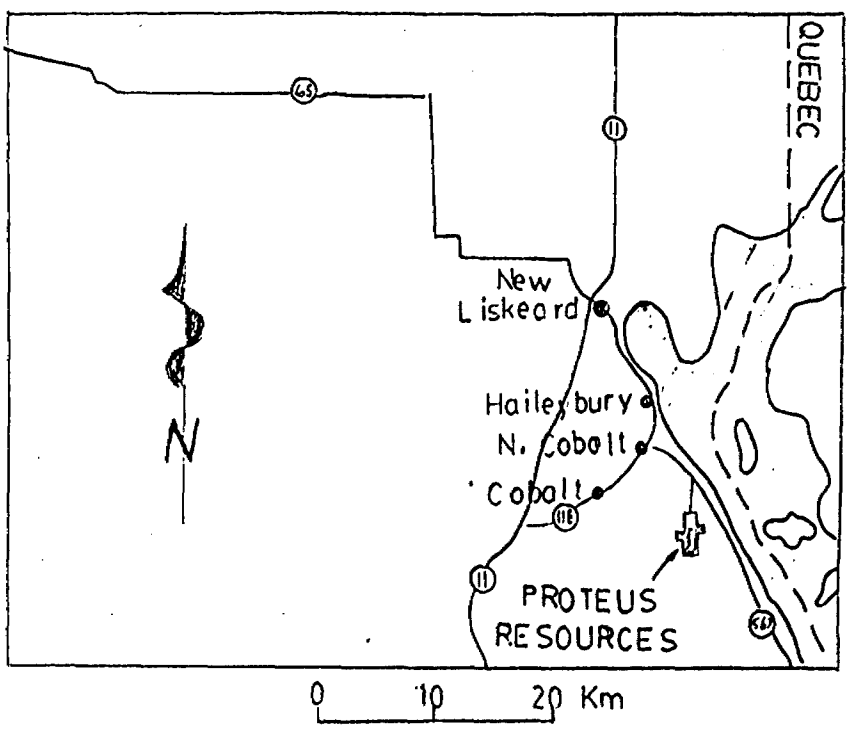
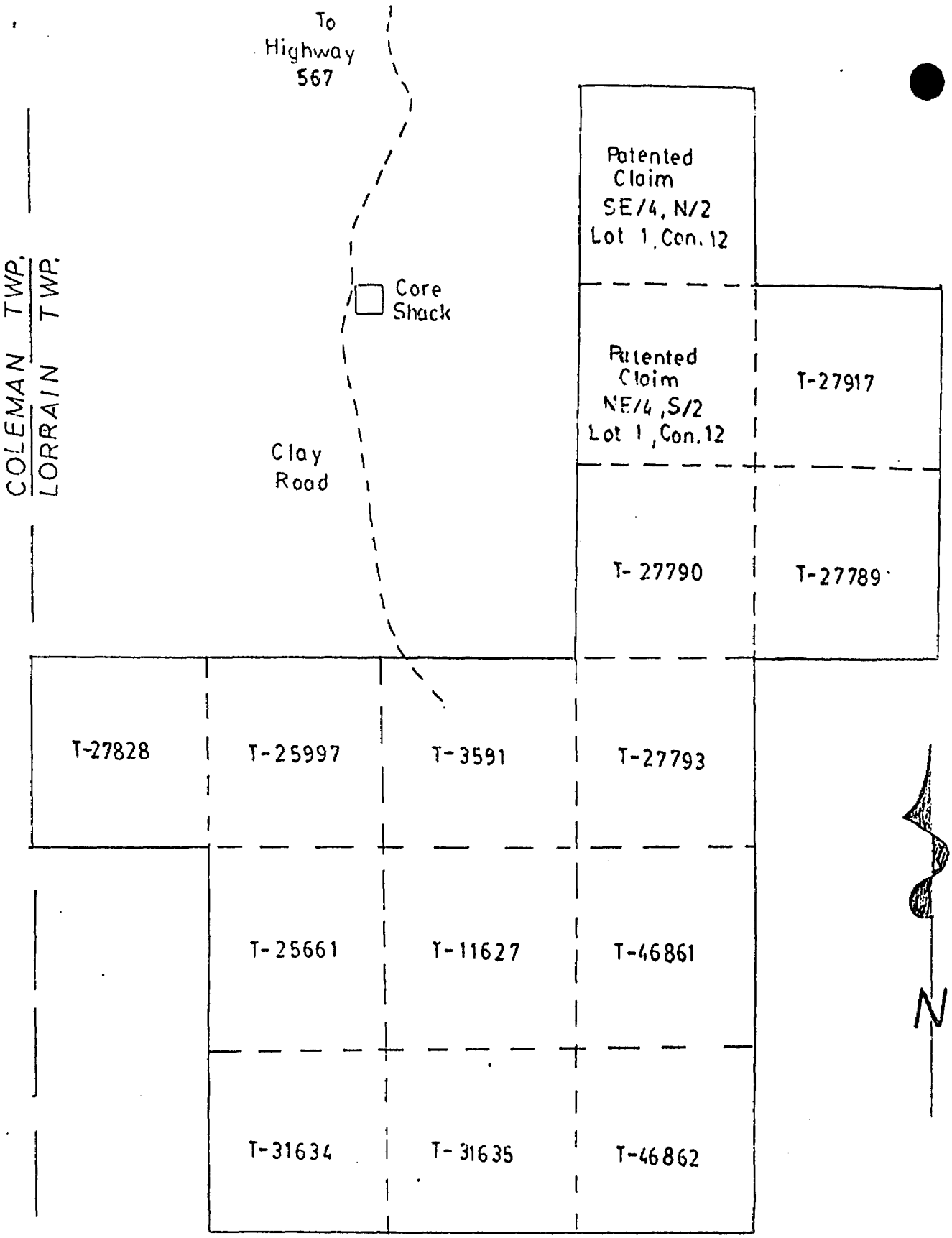

QUEBEC
New Liskeard
Haileybury
N. Cobalt
Cobalt
PROTEUS RESOURCES
0 10 20 Km

Fig 2



PROTEUS RESOURCES INC.

CLAIMS LOCATION MAP
RUBY VALLEY PROPERTY

SCALE 1"=1000'

0 1000 2000 3000 feet

Fig 3

Topography and Physiography

The property displays a wide variety of topography and surface conditions. Much of the north portion has moderate relief with poplar as the dominant vegetation. Overburden, in this area, ranged from 0 to 49 feet with the deepest values occurring in the vicinity of the N-S trending fault. A southeast trending creek traverses the middle of the property. This is surrounded by areas of open field and swamp to the south.

The south portion of the property is characterized by swampy ground with thick poplar and birch vegetation. An abrupt northwest trending ridge covers most of the extreme south and southwest of the claims. Overburden ranges from zero along the ridge thickening to over 120 feet in the swamp.

Regional Geology

The best descriptions of the geology, mineralogy, and ore deposits of the Cobalt Silver Camp can be found in publications by the O.D.M and O.G.S (Knight 1922, Thompson 1960, and O.D.M Map 2050).

The Cobalt area consists of three main rock types: Keewatin Volcanics, Huronian Sediments, and Nipissing Diabase. Historically silver has been found in all three, occurring as short veins which pinch and swell from a few tenths of an inch to over a foot.

The oldest rocks are the Keewatin greenstones and interflow sediments. These are steeply dipping with a general east-west trend. Rock type varies a great deal throughout the region from basalt to rhyolite as flows and pyroclastic units.

The volcanics are unconformably overlain by relatively flat lying Cobalt Series Sediments. These consist of conglomerate, greywacke, quartzite and argillite. Deformation within these units is quite minimal.

Both the volcanics and Sediments are cut by the Keeweenawan aged Nipissing Diabase Sill. This is somewhat flat lying, but creates several arches and basins as it slices through the other rock types.

Extensive faulting characterizes the region with a series of northwest trending faults dominating. These are the Lake Tamagamee Fault, the McKenzie Fault, and the Cross Lake Fault. Locally many other smaller faults of various orientations are present.

Property Geology

The Proteus Resources property contains outcroppings of the three main rock types common to the Cobalt area. Nipissing Diabase outcrops along the extreme west, north and southeast borders of the claim group and dips to form a northeast trending basin in the center of the property. This is overlain by Keewatin Volcanics, which in turn is unconformably overlain by Cobalt Sediments.

The Volcanics only outcrop along the ridge on the southwest corner of the property. Their lithology varies a great deal from the north of the property to the south, and all are of greenschist metamorphic grade.

In the north they consist mainly of steeply dipping units of rhyolite to porphyritic rhyolite with local variations in color from black to grey to red. These units tend to grade into each other with no distinct contact. The heavily porphyritic units contain phenocrysts of anhedral to euhedral quartz and feldspar. Locally, the volcanics are moderately to intensely fractured and brecciated, primarily in the vicinity of faults. Lamprophyre, diabase and other mafic dikes occur as small swarms and individual dikes ranging from several inches to over 10 feet in width.

The volcanics in the south of the property include steeply dipping beds of rhyolite to quartz and feldspar porphyritic rhyolite to rhyolite breccia, intercalated with irregular and discontinuous beds of mafic to intermediate tuff to lapilli tuff to agglomerate. The general strike of the units is north-west, dipping steeply to the south. Thickness of the beds range from several feet to several hundred feet. As in the north, many late lamprophyre and diabase dike cut the lithology in the south portions of the property.

The Cobalt Sediments outcrop over much of the northeast and extreme southwest portions of the property. Most of the sediments are of the Coleman Formation which includes conglomerate, greywacke, pebbly-wacke, argillite, siltstone and arkose. Drill hole data indicates a general grain size increase with depth from banded argillite to conglomerate. All beds are close to horizontal and relatively undeformed.

A small outcrop of quartzite from the Lorrain Formation occurs on the extreme east and southwest borders of the claim group. The Cobalt Sediments thicken dramatically in the north portion of the property, as one moves east. Here, thicknesses well over 250' were encountered.

Geological Sequence

CENOZOIC
Recent and Pleistocene -
bedded clay, sand, gravel, till
Great Unconformity

PRECAMBRIAN
PROTEROZOIC
Keweenawan
-olivine diabase and quartz diabase dikes
Intrusive Contact
-Nipissing diabase sill

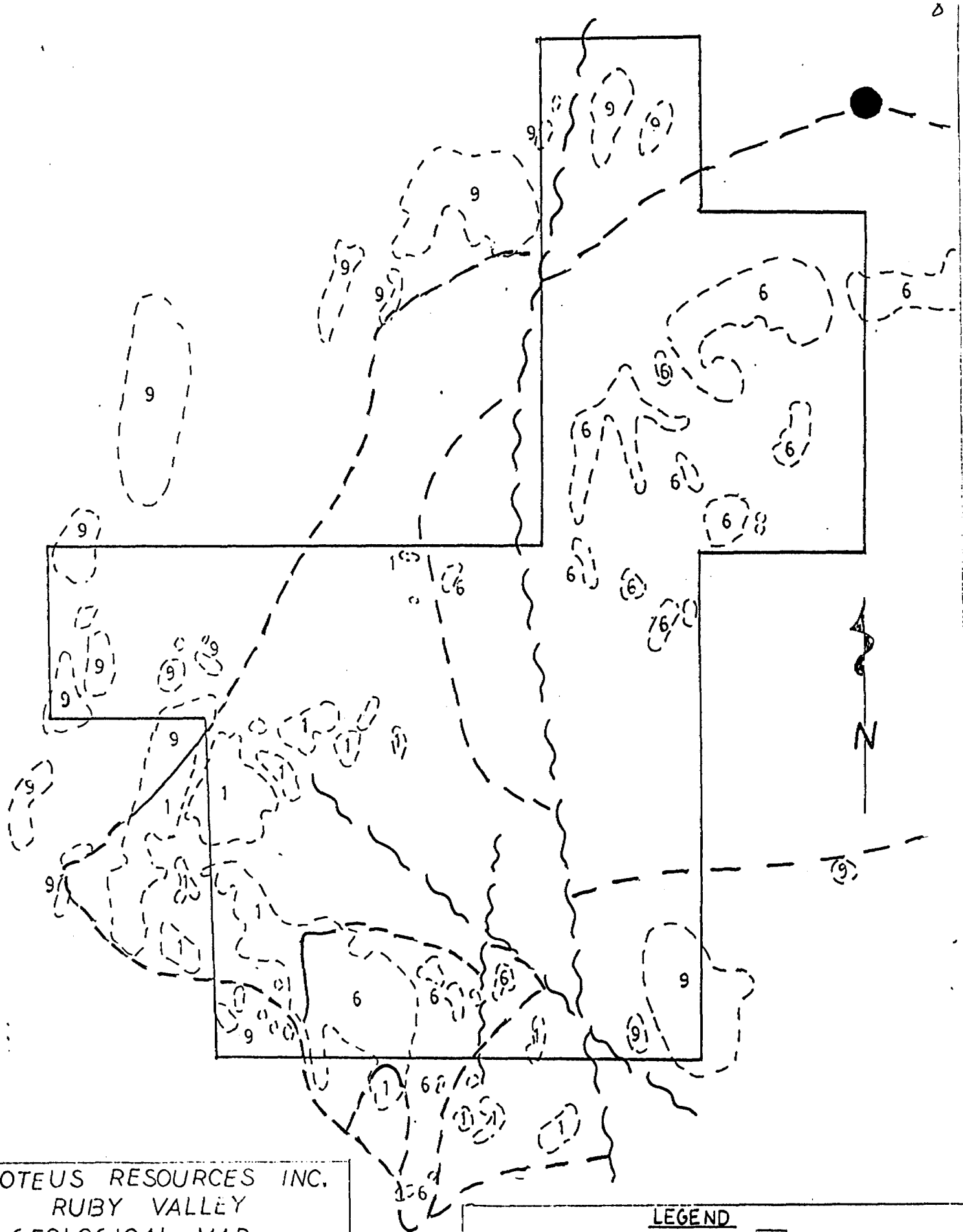
HURONIAN
Cobalt Group
Lorrain Formation
-arkose, quartzite
Coleman Formation
-conglomerate, greywacke, pebbly wacke
Great Unconformity

ARCHEAN
Post Algoman
-lamprophyre dikes
Algoman
-granite, felsite dikes
Pre-Algoman
-lamprophyre and other basic intrusive rocks, andesite and diorite

Keewatin -andesite, intermediate tuff to agglomerate, rhyolite, rhyolite breccia, quartz-feldspar porphyritic rhyolite, basic intrusive rocks

Structural Geology

A large subvertical north trending fault has been identified by geological field mapping and diamond drill hole data. It traverses most of the property and at occurs as an intensely brecciated and fractured zone cemented with white calcite.
Another northwest trending fault occurs in the south portion of the property. It is dipping at about 40° to the southwest and is slighty offset by another small north trending fault.



PROTEUS RESOURCES INC.
RUBY VALLEY
GEOLOGICAL MAP

SCALE 1"=1000'

0 1000 2000 feet

Fig 4

LEGEND

Outcrop
Geological Contact
Claim Group Boundary
Fault

9	Nipissing Diabase
6	Huronian Sediments
1	Keewatin Volcanics

History

The Proteus Resources Inc. property is located within the Cobalt Silver Camp, directly south of the recent Silverside Resources Inc. discovery. Since the early 1900's the Cobalt area has produced over 750,000,000 ounces of silver, making it one of the richest silver producing areas in the world.

The property and its near vicinity have been explored since the early 1900's. The surface is dotted with small exploration pits and trenches indicating many uneconomic but interesting veins.

The first documented exploration on the Proteus claim group occured in the 1960's by the Timiskaming Project Syndicate. They performed a geophysical survey which showed several anomalies across the property. Many of these were drilled and returned, very encouraging results ranging from 1.00 oz/ton Ag to 19.79 oz/ton Ag in all three main rock types. They drilled a total of 22 holes, most being in the north portion of the property. No further work was done by this company.

In 1979 Teck Explorations Ltd. optioned claims T-31635, T-46861,T-46862 and T-11627, and performed EM-15, VLF, and Magnetometor surveys. Minor anomalies were detected, but nothing substantial was indicated after mapping and surface sampling were completed. The claims were allowed to lapse.

In September 1984, Proteus Resources Inc. started an exploration program on the claim group. Two grids were cut: one in the north on claims T-27828, T-25997, T-3591, and T-27793, and one in the south on claims T-31635 and T-46862. The property was then mapped and sampled. In August of 1985 they started a diamond drilling program in hopes of reproducing and improving results obtained by the Temiskaming Project Syndicate in the 1960's. A total of 9,261 feet was drilled in 15 holes, 11 on the north grid and 4 on the south grid. Unfortunately, few significant results were obtained in the areas where the earlier drilling had its success. However several anomalous silver and gold results in the North Zone warranted further exploration. Most notable were values of 2.00 oz/ton Ag (sludge) over 10 feet and 0.142 oz/ton Au over 0.8' both in hole P-85-15. They also drilled 4 holes in the south previously unexplored by diamond drilling. Several zones of NW trending pyrite rich flow breccia bands were intersected that carried anomalous amounts of silver and gold. Several gold values ran in the 0 .036 oz/ton to 0.044 oz/ton range.

Once again further exploration was warranted. In January 1986 another drilling project was started on the property to follow up on the results from the 1985 drilling. From January 10, 1986 to February 28, 1986 a total of 24 holes were drilled by 3 units (core size BQ) amounting to 12,534 feet.

The best silver value was obtained from hole P-86-13 which interected a 1/4" pink carbonate vein with 70% cobalt arsenides. The vein assayed 13.55 oz/ton Ag over 0.3 feet. Many other interesting but uneconomic silver values were intersected. In both the rhyolite and breccia units (see appendix for further assay results).

The core was also tested for gold mineralization, with the best values being in the range of 0.03 oz/ton Au to 0.08 oz/ton Au. The best gold intersection occured in hole P-86-23 where a pyrite seam assayed 0.374 oz/ton Au over a true width of 0.3 feet.

Current Exploration

On May 14, 1986 another diamond drilling prject was started on the Ruby Valley Property. Barron Diamond Drilling was contracted to drill BQ size core and the total footage came to 10,060 feet.

Most of the project concentrated on the south zone aiming at both silver and gold mineralization. Several holes were drilled to determine the orientation of the cobalt-arsenide vein intersected in P-86-13. The vein was intersected several times over a strike length of about 400', giving a strike of 84° to the east and a near vertical dip (see Silver Vein Longitudinal Section). Unfortunately the vein remained very narrow (<1/2") with interesting but uneconomical Ag values. All of the intersections occured in the volcanics, in both rhyolite and intermediate breccia, close to the upper contact of the Diabase Sill. The best value intersected in the vein came from hole P-86-28 where 23.34 oz/ton Ag over 0.5' was obtained.

Besides this vein, several interesting Ag values were intersected in drill holes which appear to be related to different vein systems. Of note are the following:

P-86-29	4.10 oz/ton Ag/0.5'
P-86-33	4.81 oz/ton Ag/0.5'

Once again many anomalous gold values were also returned.

As a result, the drilling was temorarily halted in July for two weeks in an attempt to evaluate the possibilities of significant gold mineralization occuring on the property. during this time 200 five foot samples were assayed for gold, taken from previous holes in the vicinity of anomalous gold valus, intense alteration, and sulphide mineralization. The best results are as follows:

P-86-23	0.18 oz/ton Au over 1.9'
P-86-27	0.097 oz/ton Au over 2.5'
P-86-30	0.086 oz/ton Au over 1.0'

The gold results obtained from the property to date are summarized on table 2 appendix.

At the end of the drill program a test grid was constructed directly over the silver bearing vein and 4 lines of EM-37 were performed by Quantech Consulting Inc. Final results of this are unavailable at the time of this report.

Economic Geology

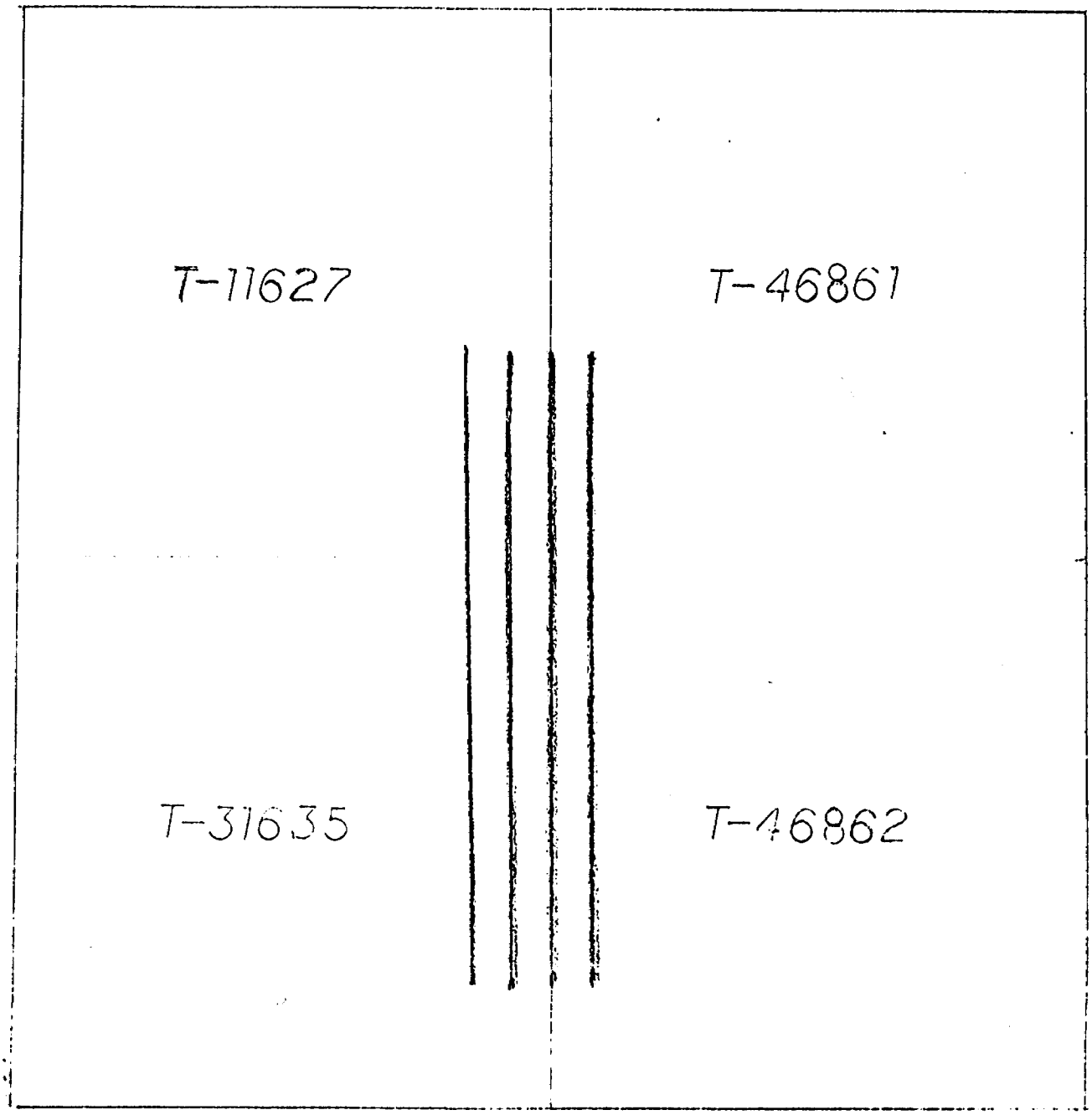
Silver

Most of the exploration in the Cobalt Camp has concentrated on silver, and this would have to be considered the primary target on the Proteus Property. Most of the claims are located over a diabase basin which dips to a depth of over 500 feet in the center of the property below Keewatin Volcanics and Huronian Sediments. Therefore we are concerned with "Upper Contact Mineralization:", very similar to the silver deposits of Silver Center in South Lorrain Township.

Several faults are present across the property especially in the vicinity of the vein intersected in the south zone. These may be an important controlling factor in the deposition of silver in the area.

Another encouraging feature of the property are the pyrite rich zones of breccia which may have acted as a conduit for silver bearing fluids to permeate into nearby host rocks.

The best silver values have occured in pink and white carbonate veins with associated cobalt arsenide mineralogy. Other less significant silver values have been found in the pyrite rich breccia with associated chalcopyrite, galena, hematite and magnetite. Alteration around the silver bearing veins is very minor with chloritization and carbonatization prevailing.



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PROTEUS RESOURCES INC.
[illegible] VALLEY
TM-37 GRID

SCALE 1"=400'

0 400 800 1200 FEET

Fig 5

Gold

Most of the gold mineralization on the Proteus Property appears to epigenetic and structurally related to the northwest trending fault in the south zone. Hydrothermal fluids originating from an external source likely flowed through the depositional environment and precipitated gold. Permeability for focussed fluid flow is create by deformation as a component of the northwest trending structual system.

Much of the gold mineralization occurs in narrow discontinuous zones concordent with the lithology and hence parallel to the fault. The rock surrounding the fault has been deformed to varying degrees depending upon the distance form the fault and the lithology.

Brittle deformation tends to dominate in the areas where rhyolite and quartz-feldspar porphyritic rhyolite are present. This results in numerous irregular fractures and cataclastic destructuion and brecciation of the rock. Consequently the permeability of the rock is increased allowing mineralized fluids to crystallize as fine disseminated specks and anhedral blebs of pyrite throughout the fractures and in samll quartz-carbonate veins. Associated mineralogy includes chalcopyrite, magnetite, and hematite. The gold tends to be directly related to the pyrite. In the softer and less competent mafic to intermediate tuffs and breccias, ductile deformation occured without rupture of the rocks and therefore open fissures are less prevalent. Instead fluid flow is carried along penetrative fabrics and crystallized as pyrite and minor chalcopyrite. Once again gold is related to the pyrite and best values occur in areas with the highest percentage of pyrite.

Alteration is not overly intense in the south zone. In the rocks where brittle deformation has occured the secondary mineral assemblages are primarily confined to grain boundaries and interstitial voids due to a less reactive mineralogy and more competent response to deformation. Where as in the slightly more reactive and relatively incompetent mafic to intermediate rocks alteration tends to be slightly more pervasive.

Chloritization is the most widely extensive alteration and occurs as fine specks and irregular dots throughout much of the rock, especially in the vicinity of faulting.

It also forms small borders around quartz and carbonate veins.
Zones of intense red potassic and hematite alteration occur as haloes surrounding lamprophyre and diabase dikes and quartz-carbonate veins.
In the porphyritic varieties of rock, areas of extensive epidote alteration exist where euhedral feldspar phenocrysts have been completely replaced by light green epidote.
Minor silicification and carbonatization are present throughout, but especially in the vicinity of sulphide mineralization.

Conclusions

The results of the 1986 drilling program indicated a narrow pink carbonate vein in the south zone of the property. The vein was traced over a strike length of about 400 feet however silver values remained sub-economic with the highest value being 23.34 oz/ton Ag overr 0.5'. Several other anomalous silver values were obtained from other veins, but their orientations could not be determined.
Many interesting gold values were also returned from the project. Gold mineralization appears to be epigenetic and structually related to a northwest trending fault. Gold is directly associated with pyrite mineralization in narrow discontinuous zones which are sub parallel to the fault and lithology. Most of the values were very "spotty" and sub-economic.
A program of resampling of previously drilled pyritiferous zones was conducted in an attempt to find new gold bearing zones or extend the original ones. A total of 200 -5 foot samples were taken with minimal significant results.

Recommendations

As a result of the exploration work performed over the property during the past year, any further exploration should examine new areas of the property and concentrate on silver. A small program of soil sampling and geophysics (EM-37) would be helpful in determing possible targets for drilling.

Certificate

With respect to my report on the North Cobalt, Lorrain Township property for Proteus Resources Inc. I, R. A. Cinits do hereby state that:

1. I am a geologist presently employed by Proteus Resources Inc.
2. I am a graduate of the University of Toronto where in 1985 I received my Honors B.Sc. Degree, Specialist Geology.
3. I have no present or past interest in the property described in this report.
4. This report is based on geological reports and maps prepared from records of the 1984, 1985, and 1986 exploration programmes, records of companies previously involved in exploration on the property, reports and maps prepared by the O.G.S. and O.D.M. and personal communication with geologists involved in work on the property.

Robert A. Cinits, B.Sc.
64 Bessborough Dr.
Toronto, Ontario
M4G 3H9

Proteus Resources Inc.

Ruby Valley Property

Diamond Drill Holes - Summer 1986

DDH	Location	AZ	Dip	Date Started Date Finished	Depth (feet)	Total Footage
P-86-25	Claim T-31635 South Grid 457W 492S	048°	-50°	May 14, 1986 May 21, 1986	700'	700
P-86-26	Claim T-31635 South Grid 453W 422S	048°	-50°	May 21, 1986 May 26, 1986	586'	1286'
P-86-27	Claim T-31635 South Grid 527W 487S	048°	-50°	May 26, 1986 May 30, 1986	716'	2002'
P-86-28	Claim T-31635 South Grid 423W 531W	048°	-50°	June 2, 1986 June 4, 1986	666'	2668'
P-86-29	Claim T-31635 South Grid 543W 368S	048°	-50°	June 5, 1986 June 11, 1986	756'	3424'
P-86-30	Claim T-31635 South Grid 620S 410W	048°	-50°	June 11, 1986 June 16, 1986	605'	4029'
P-86-31	Claim T-31635 South Grid 283W 495S	048°	-50°	June 16, 1986 June 19, 1986	624'	4653'
P-86-32	Claim T-31635 South Grid 20W 595S	due N	-50°	June 19, 1986 June 24, 1986	636'	5289'
P-86-33	Claim T-46862 South Grid 39E 476S	due N	-50°	June 24, 1986 June 27, 1986	526'	5815'

DDH	Location	AZ	Dip	Date Started Date Finished	Depth (feet)	Total Footage
P-86-34	Claim T-31635 South Grid 323W 413S	048°	-50°	July 1, 1986 July 7, 1986	622'	6437'
P-86-35	Claim T-46862 South Grid 116E 401S	due N	-50°	July 7, 1986 July 11, 1986	444'	6881'
P-86-36	Claim T-46862 South Grid 116E 556S	due N	-50°	July 14, 1986 July 15, 1986	256'	7137'
P-86-37	Claim T-31635 South Grid 808S 396W	048°	-50°	July 16, 1986 July 21, 1986	547'	7684
P-86-38	Claim T-11627 South Grid 213W 374N	208°	-50°	August 11, 1986 August 18, 1986	807'	8491
P-86-39	Claim E/4 of N/2 Lot 1 Con 12 North Grid 363E 3174N	035°	-50°	August 18, 1986 August 21, 1986	747'	9238
P-86-40	Claim NE/4 of S/2 Lot 1 Con 12 North Grid 3140N 440E	349°	-50°	August 22, 1986 August 27, 1986	822'	10060

Proteus Resources Inc.

Ruby Valley Property

Tropari Data - Summer 1986

DDH	Location	Depth	Az	Dip
P-86-25	Claim T-31635	475	052	-49
	South Grid	695	068	-48
	457W 492S			
P-86-26	Claim T-31635	381	048	-46
	South Grid	581	048	-44
	453W 422S			
P-86-27	Claim T-31635	311	043	-47
	South Grid	511	044	-47
	527W 487S	711	050	-45
P-86-28	Claim T-31635	461	047	-47
	South Grid	661	049	-46
	423W 531W			
P-86-29	Claim T-31635	351	050	-43
	South Grid	551	050	-43
	543W 368S	751	057	-41
P-86-30	Claim T-31635	400	054	-45
	South Grid	600	056	-42
	620S 410W			
P-86-31	Claim T-31635	619	055	-42
	South Grid	419	052	-45
	283W 495S			
P-86-32	Claim T-31635	221	due N	-43
	South Grid	421	due N	-38
	20W 595S	621	004	-35
P-86-33	Claim T-46862	321	349	-44
	South Grid	521	012	-42
	39E 476S			
P-86-34	Claim T-31635	407	056	-46
	South Grid	607	059	-46
	323W 413S			

DDH	Location	Depth	Az	Dip
P-86-35	Claim T-46862 South Grid 116E 401S	431	-	-47
P-86-36	Claim T-46862 South Grid 116E 556S	251	007	-48
P-86-37	Claim T-31635 South Grid 808S 396W	542 342	054 055	-46 -48
P-86-38	Claim T-11627 South Grid 213W 374N	802	219	-44
P-86-39	Claim E/4 of N/2 Lot 1 Con 12 North Grid 363E 3174N	492 742	042 044	-50 -50
P-86-40	Claim NE/4 of S/2 Lot 1 Con 12 North Grid 3140N 440E	817 517	357 002	-51 -50

Silver Assay Summary Sheet (To Date)

Ruby Valley North Cobalt

Ag noted > 1.00 oz/ton

Hole Number DDH	Footage From	To	Interval	Value oz/ton Ag	Weighted Average oz/ton Ag / footage
P-86-3	127	127.8	.08	2.04	
P-86-13	492.7	493.7	1.0	2.83	
"	493.7	494	0.3	13.55	
"	494	495	1.0	1.70	
"	492.7	495	2.3		3.74 / 2.3'
P-86-16	143.8	144.4	0.6	1.15	
P-86-27	556.45	556.8	0.35	1.88	
P-86-28	624.4	624.9	0.5	1.74	
"	626.7	627	0.3	15.08	
"	627	627.5	0.5	23.34	
"	626.7	627.5	0.8		20.24 / 0.8'
"	624.4	627.5	3.1		5.67 / 3.1'
P-86-29	710.9	711.4	0.5'	4.10	
"	710.9	712.7	1.8'		1.46 / 1.8'
"	736.1	736.6	0.5	1.49	
P-86-30	201.7	202.7	1.0'	1.32	
P-86-31	550.5	550.8	0.3	2.41	
P-86-33	143.1	143.6	0.5	4.81	
P-86-35	276.2	277.2	1.0	1.27	
P-86-37	217.5	217.8	0.3	1.32	

Gold Assay Summary Sheet

Values noted > 0.10 oz/ton Au

Hole Number DDH	Footage From	To	Interval	Value oz/ton Au	Weighted Average oz/ton Au / footage
P-86-1	85	85.3	0.3	0.018	
P-86-5	223.1	224.1	1.0	0.014	
"	224.1	224.8	0.7	0.013	
"	223.1	224.8	1.7		0.014 / 1.7'
P-86-6	395	396	1.0	0.017	
"	394	396	2.0		0.012 / 2.0'
P-86-7	277	279	2.0	0.014	
"	300	305	5.0	0.014	
"	309	311	1.8	0.026	
"	311	315	4.0	0.014	
"	300	315	15.0		0.013 / 15.0'
P-86-8	222.4	222.9	0.5	0.037	
P-86-9	248.5	249.2	0.7	0.020	
"	287.5	293.6	6.1	0.010	
"	293.6	294	0.4	0.026	
"	287.5	294	6.5		0.011 / 6.5'
P-86-10	401.7	402.9	1.2	0.027	
P-86-11	297.4	297.7	0.3	0.021	
P-86-12	419.7	420.7	1.0	0.013	
"	427	428	1.0	0.044	

Hole Number DDH	Footage From	To	Interval	Value oz/ton Au	Weighted Average oz/ton Au / footage
P-86-13	281	281.3	0.3	0.027	
"	287.7	288.7	1.0	0.014	
"	389.8	390.8	1.0	0.011	
"	391.8	392.8	1.0	0.012	
"	392.8	393.8	1.0	0.030	
"	393.8	394.6	0.8	0.010	
"	394.6	395	0.4	0.042	
"	391.8	395	3.2		0.020 / 3.2'
"	413.7	415.7	2.0	0.032	
"	451.9	452.2	0.3	0.014	
P-86-15	368.5	369.5	1.0	0.010	
"	400.8	401.8	1.0	0.019	
P-86-16	404.2	405	0.8	0.058	
"	401	405	4.0		0.014 / 4.0'
"	449.6	449.8	0.2	0.010	
"	475	477.3	2.3	0.019	
"	477.3	478.1	0.8	0.011	
"	475	478.1	3.1		0.017 / 3.1'
"	515.1	517	1.9	0.015	
P-86-18	195.6	196.1	0.5	0.026	
"	425.3	425.5	0.2	0.012	
P-86-19	245.95	246.15	0.2	0.027	
"	360.7	361.5	0.8	0.055	
"	358.2	361.5	3.3		0.014 / 3.3'
P-86-20	120.8	121	0.2	0.021	
"	209.7	210	0.3	0.080	
"	294	294.2	0.2	0.051	
P-86-21	394.9	395.4	0.5	0.010	

Hole Number DDH	Footage From	To	Interval	Value oz/ton Au	Weighted Average oz/ton Au / footage
P-86-23	335.8	336.8	1.0	0.027	
"	336.8	337.7	0.9	0.352	
"	335.8	337.7	1.9		0.181 / 1.9'
"	335.8	342.7	6.9		0.054 / 6.9'
P-86-25	166.8	169.7	0.9	0.032	
"	314.8	315.2	0.4	0.018	
"	322.1	323.7	1.6	0.014	
"	372.4	374.4	2.0	0.018	
P-86-26	282.5	282.8	0.3	0.010	
"	451	452.9	1.9	0.021	
P-86-27	354.4	358	0.6	0.144	
"	358	359.9	1.9	0.082	
"	359.9	360.4	0.5	0.016	
"	357.4	359.9	2.5		0.097 / 2.5'
P-86-28	354.2	355.1	0.9	0.014	
P-86-29	124	125	1.0	0.013	
"	482.1	482.5	0.4	0.023	
P-86-30	160.9	161.2	0.3	0.016	
"	170.8	171.2	0.4	0.026	
"	196.7	198.1	1.4	0.022	
"	201.7	202.7	1.0	0.086	
"	202.7	204.2	1.5	0.024	
"	204.2	205.7	1.5	0.013	
"	196.7	205.7	9.0		0.022 / 9.0'
"	201.7	204.7	2.5		0.049 / 2.5'

Hole Number DDH	Footage From	To	Interval	Value oz/ton Au	Weighted Average oz/ton Au / footage
P-86-31	207.1	207.4	0.3	0.024	
"	450.6	451.4	0.8	0.026	
P-86-34	149	149.4	0.4	0.027	
"	169.9	170.8	0.9	0.010	
"	221.3	221.9	0.6	0.014	
"	223	223.5	0.5	0.019	

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources Inc
HOLE NO. P-86-25 LENGTH 700'
LOCATION South Grid 457 W 492 S
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH 048° DIP -50
STARTED May 14/86 FINISHED May 21 /86

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
495	48	068			
475	49	052			

HOLE NO. P-86-25 SHEET NO. 1/ 17
REMARKS _____
LOGGED BY R. Cinits

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	ASSAYS
0	30	Casing										
0	25	OVERBURDEN										
25	164	SEDIMENTS										
25	63	conglomerate ; dark fine grained matrix ; fragments ranging from pebbles to boulders over 3' long ; mainly granitic composition ; also silicious + intermediate fragments										
	@	29 ℄ wt carb veinlet ∠ 1/16" wide at 45°										
	℄	29.2 as above										
33	33.5	∠ 1% fine dissem py in matrix										
	@	39 grey brecciated carb vein 1/8" wide at 60° ; in granite boulder										
41.5	42.5	Several very irreg + discontinuous wt. cal. veinlets at 40° ; barren ; 1/32" - 1/8" wide										
45.8	46.2	∠ 1% fine dissem py in matrix										
48	48.2	Several grey carb seams 1/8" wide at 45° in granite boulder										
56.7	59.2	many very irreg pk to wt cal veinlets ;										

LANGRIDGES — TORONTO — 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources Inc

HOLE NO. P-86-25 SHEET NO. 2 / 17

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
		many very discontinuous ; all barren ; most at about 40° to c.a ; all in granite boulder ; mildly chloritized									
63	131.5	Smaller sediment size ; no granite boulders ; increased amount of rhyolite + porphyritic fragments ;									
63	66	lightly fractured core									
74	78	moderately fractured core									
87.5	90	as above									
92	94	intense K-alteration as irreg bkbr ; many hairline wt. cal veinlets									
94	98	badly broken core									
	@	101 pk cal vein 1/8" wide at 20° ; tr of fine py ; minor green talc									
	@	103 pk cal talc vein 1/4" wide at 25°									
	@	114.7 -- 115.2 mafic vuggy fragment ; bordered on each side by pk cal vein 1/8" wide ; heavily chloritized									
	@	125.7 irreg pk cal fracture									
131	146.5	many granite boulders									
134	146.5	moderately fractured core									

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources Inc

HOLE NO. P-86-25 SHEET NO. 3/17

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS Ag %	ASSAYS Au %	ASSAYS Ag OZ/TON	ASSAYS Au OZ/TON
146.5	164	very badly broken core → fault zone									
	@	155 broken fragments of wt. qtz vein									
	@	156.5 wt qtz vein 2.5" wide at 90° to c.a ; small light pk cal stringers at various orientations within qtz ; minor chl. + K-alteration throughout ; tr of fine py	20305	tr	156.4	156.9	0.5			tr	tr
164	648	VOLCANICS									
164	202.1	intermediate flow breccia to andesite ; very lightly brecciated ; dark green groundmass with occaisonal felsic to intermediate fragment ∠1% fine py dissem throughout									
164	171	moderately fractured core									
166.8	169.7	5-10% fine dissem py to wt.	20306	5	166.8	169.7	0.9'			0.20	0.032
170.6	201	Sevecal sveryl irreg + discontinuous pk cal stringers + veinlets ∠1/16" to ½" wide ; various orientations ; ∠1% py dissem throughout									
	@	172.4 light pk cal vein 3/8" wide at 65°									
	@	176.3 as above ; dotted with fine chlorite at 55°.									

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Protos Resources Inc

HOLE NO. PP-86-25 SHEET NO. 4/ 17

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	@	182.8 pk cal vein 1/2" wide at 40°; <1% fine dissem py; rimmed by fine chlorite									
	@	184.4 very irreg wt cal vein; 1/4" wide at 40°; braided									
	@	185.4 pk cal. vein 3/8" wide at 65°; dotted with fine chl. specks; tr of fine sulfides									
	@	187.7 wt cal vein 3/8" wide at 55° barren									
	@	190.3 light pk cal - chl vein 1/4" wide at 75°									
	@	190.9 wt cal vein 1/4" wide at 50°									
202.1	225	porphyritic rhyolite; dark green with light green epidote altered feldspar phenocrysts; trace of fin py speckled throughout									
207½	208	very irreg pk cal - chlorite vein at 30° intense K-alteration; 20% blebs of spec. hem; 2% fine dissem py; no distinct vein boundaries; very mottled texture	20308	5	207.4	208	0.6'			tr.	tr

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Pentour Resources Inc

HOLE NO. P-81-25 SHEET NO. 5/ 17

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	@	208.6 pk cal vein 1/8" wide at 55° ; heavily chloritized ~~borders~~ borders ; 3% spec. hem + py									
	@	211.3 pk cal - qtz vein 1/8" wide at 35° ; tr py ; minor K-alteration									
214	219	very heavily fractured core									
219	226	moderately fractured core									
	@	224.7 light pk cal veinlet 1/16" wide at 40° ; intense K-altered halo									
	@	226.4 light pk cal vein 1/8" wide at 40°									
	@	227 as above									
	@	230.41 small sheared zone 1" wide at 20°									
225	256.9	intermediate flow breccia ; dotted with light green epidote altered specks ; < 1% very fine py dissem throughout									
236.5	238	several wk cal veinlets 1/16" - 1/8" wide ; various orientations									
	@	247.2 light pk cal - epidote vein 1/16" wide at 60°									

FORM E

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources Inc

HOLE NO. P-86-25 SHEET NO. 6/17

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Ag OZ/TON	ASSAYS Au OZ/TON
	@	251.4 irreg light pk cal vein 1/8" to 1/4" wide ; heavily chloritized ; minor K-alteration ; < 1 % fine cpy + py ; 45° to c.a									
253.8	254.8	increased amt of fine dissem py (5%) as irreg. stringers + dissem @ 253.9 + 254.8 light pk cal veinlet 1/8" wide at 40° heavily chloritized	20309	5	253.8	254.8	1.0'			0.02	0.002
256.9	259.3	lamprophyre dike ; contact 25° ; several very irreg wt cal veinlets 1/16" - 1/8" wide at same angle ; < 1% fine py throughout									
259.3	261.5	porphyritic rhyolite ; many very irreg wt cal fractures + veinlets at various orientations ; intense K- atteration throughout ; moderately fractured core									
	@	261.5 pk cal vein 5/8" wide at 55° 5% py + cpy dissem throughout ; minor chl + epidote as irreg specks ; vein borders lamprophyre dike	20310	5	261.2	261.6	0.4'			tr	tr
261.5	263.4	lamprophyre dike ; many irreg wt cal fractures < 1/32" at 55° ; < 1% py									
	@	263.4 pk cal vein 1/2" wide as at 261.5	20311	3	263.3	263.6	0.3'			tr	tr

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources Inc

HOLE NO. P-86-25 SHEET NO. 7/ 17

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Ag OZ/TON	ASSAYS Au OZ/TON
263.4	291	porphyritic rhyolite ; dark green to black; many light green epidote altered feldspar phenocrysts trace of fine dissem py throughout									
263.4	268	heavily fractured core									
	@	269 wt cal veinlet 1/16" wide at 55° bordered by several irreg stringers fine dissem py ∠ 1/32" wide									
277	280	several light pk irreg veinlets 1/16" - 1/8" wide; various orientations									
	@	282 py rich seam 1/16" wide at 90°									
282.3	283.4	Several very irreg pk cal -qtz veins ; heavily chloritized borders ; ∠ 1 % anhedral blebs py ; 2% euhedral blades of spec. hem ; many orientations									
	@	285.2 irreg + discontinuous pk cal vein 1/4" wide ; 60% spec hem + mt. ; intense K-altered halo									
286	286.3	several py rich seams 1/16" to 1/8" wide at 45°	20312	3	285.8	286.3	0.5'			tr	0.002
	@	291' pk cal vein 1/16" wide at 20°									
291	308	intermediate flow breccia ; many epidote blebs throughout ; ∠ 1% fine dissem py									

DIAMOND DRILL RECORD

NAME OF PROPERTY Prosto Resources

HOLE NO. P-81-25 SHEET NO. 8 / 17

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	@	293.2 pk cal vein 3/16" wide at 55° speckled with 30% subhedral py ; heavily chloritized throughout	20313	10	293.1	293.3	0.2			tr	tr
303	307	badly broken core									
	@	302.9 irreg grey carb vein 1/4" - 1/16" wide at 60° ; π-altered halo									
	@	305 smokey qtz vein 1 1/4" wide ; many irreg blebs chl. throughout ; 10% anhedral mt. ; trace fine py ; 75° to c.a									
	@	307 smokey qtz vein 1/4" wide at 40° heavily chloritized ; < 1% mt + py									
	@	310 qtz vein 7/8" wide as above at 55°									
307	315.2	porphyritic rhyolite ; < 1% fine dissem py									
	@	314 pk cal vein 1/8" wide at 35° → at 45°									
314.8	315.2	10% py as irreg stringers and subhedral crystals	20314	10	314.8	315.2	0.4'			0.11	0.016
315.2	316.7	lamprophyre dike ; contact 50°									
316.7	323.7	intermediate flow breccia ; 5 to 10% py as irreg stringers and finely dissem ; minor cpy									
	@	317.4 broken fragments of light pk cal-qtz vein 3/8" wide ; 5% fine py + cpy	20315		317.3	317.8	0.5			0.09	0.008

DIAMOND DRILL RECORD

NAME OF PROPERTY Protech Resources

HOLE NO. P-84-25 SHEET NO. 9 / 17

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	@	319.5 wt cal vein 1/4" wide at 20°; slightly vuggy; 10% fine dissem py in surrounding wall rock in irreg stringers subparallel to c.a
X 323.7	330.4	lamprophyre dike; from 328.3 - 330.4 becomes extremely chlorite rich; light green; very soft
330.4	350.3	intermediate flow breccia; (1) 10% dissem py
330.4	331	several very irreg brecciated wt cal veins 1/16" to 1/4" wide at 37°; 5-10% fine dissem py in breccia matrix
	@	338.4 grey carb vein 1/2" wide at 35°; mildly brecciated; trace of fine dissem py
	@	342.9 light pk cal vein 1/8" wide; bordered by halo of turquoise chlorite; ∠ 1% anhedral masses py; vein at 50°
	@	344.1 very irreg, braided wt cal vein 1/8" - 1/4" wide at 50°; bordered by dark red hematite ∠ 3%
	@	349.5 py rich seam 1/8" wide at 10° to c.a, discontinuous
350.3	354.4	diabase dike
	@	352.1 irreg light pk cal vein 1/4 - 1/8" wide at 40°
354.4	405.5	intermediate flow breccia; several irreg pk 1/4 to 1/2 wt

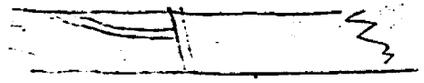
SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	OZ/TON	OZ/TON
20316	5	317.8	319.5	1.7'			tr	0.002
20317	10	319.5	320.7	1.2'			tr	0.002
20318	5	320.7	322.1	1.4'			tr	tr
20319	5	322.1	323.7	1.6'			0.02	0.014
							tr	0.004
20320	5	330.4	331.3	0.9'			tr	0.002
20307	3	331.3	332.7	1.4'			tr	tr
20321	5	333.8	335.3	1.5'			tr	0.002
20322	5	335.3	336.8	1.5'				

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY: Proteus Resources

HOLE NO. P-82-25 SHEET NO. 10 / 17

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
		cal veins at various orientations 1/16" - 1/8" wide; 1 to 5% dissem py in matrix and as irreg - discontinuous stringers									
362.3	366.9	diabase dike; contact at 45°; several irreg light pk cal veinlets 1/16" - 1/8"									
366.9	405.5	intermediate flow breccia; many red K-altered felsic fragments set in dark green fine grained ground mass; < 1% dissem py									
370.4	377	10% dissem py as irreg stringers + fine specks	20323	10	370.4	372.4	2.0'			0.08	0.006
		@ 376.4 wt brecciated cal vein 2 1/2" wide at 45°; 10% fine dissem py throughout	20324	10	372.4	374.4	2.0'			0.10	0.018
			20325	10	374.4	376.4	2.0'			0.02	0.002
			20326	10	376.4	376.8	0.4'			0.19	0.008
		@ 380.1 wt cal vein 1/8" wide at 70° branches in vein subparallel to c.a	20327	3	376.8	377.8	1.0'			tr	tr
		 mildly brecciated; < 1% fine dissem py									
		@ 382.4 as above									
		@ 385.5 irreg wt cal veinlet 1/16" wide at 30°									
389	393	5% dissem py									
		@ 391.8 pk cal vein 1/8" wide at 40°; minor specks of epidote throughout; 10% irreg qtz blebs									

DIAMOND DRILL RECORD

NAME OF PROPERTY Pinton Resources

HOLE NO. P-86-25 SHEET NO. 11 / 17

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
		3% fine py										
	@ 392.5	as above										
405.5	462.2	black porphyritic rhyolite; 8% light green to cream feldspar phenocrysts; moderately fractured core; < 2% dissem py										
416	430	very heavily fractured + broken core; several hairline pk-wt cal fractures; < 1% fine dissem py throughout										
422	424	heavily K-altered + epidote altered										
	@ 431.1	pk cal veinlet 1/8" wide at 50°; intense K-alteration; &										
	@ 440.2	wt qtz vein 3/8" wide at 50° dotted with fine chlorite; < 1% anhedral py blebs.										
443	444.5	heavily fractured core										
443	487	increased amt of py as fine dissem specks + irreg stringers 1 to 3%; also smeared along fracture planes										
453	462	several light pk cal fractures + veinlets most at 50-60° to c.a										
	@ 453.7	light pk cal veinlet 1/8" wide at 25° mildly brecciated										

RM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY: Proton Bonanza Inc.

HOLE NO. P-86-25 SHEET NO. 12 / 17

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS Au %	ASSAYS Ag %	ASSAYS Au oz/ton	ASSAYS Ag oz/ton	
462.2	501.5	intermediate breccia ; 1 - 3 % fine dissem py throughout ; red pebble size rhyolitic fragments ; dark green to black fine grained matrix										
		@ 481 smokey qtz vein 3/8" wide at 40°										
487	492	5 - 10 % fine dissem py										
		@ 488.4 py rich seam 1/2" wide ; 60% euhedral py setn in fine grained blackchloritic groundmass ; seam at 15° to c.a	20328	5	487.2	488.4	1.2'			0.08	84	ppb Au
			20329	8	488.4	490.2	1.8'			0.17	106	
		@ 492.9 wt cal veinlet 1/16" wide at 35° ; 75% massive co-arsenides ? in veinlet ;	20330	1	492.7	493	0.3'			0.80	18	
			20331	7	495	496.2	1.2'			0.09	114	
495	496.2	7% fine dissem										
		@ 495.1 pk cal veinlet 1/16" wide at 60° ; speckled with fine chl. + talc + py										
497	500	several light pk cal veinlets < 1/16" wide at 50° ; speckled with fine chl, talc, py + cpy ; 3-5 % fine dissem py throughout core										
		@ 500.2 pk cal vein 1/4" wide ; very irreg shape ; < 1% fine specks galena + possible arsenides ; heavily chloritized margins with 20 % fine dissem py ; vein at 55° to c.a	20332	5	497.5	499.1	1.6'			0.10	117	
			20333	5	499.1	500.1	1.0'			0.02	133	
			20334	3	500.1	500.5	0.4'			0.15	160	
			20335	10	500.5	501.6	1.1'			0.11	213	

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Pioneer Mining Inc

HOLE NO. P-86-25 SHEET NO. 12 / 17

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Ag OZ/TON	ASSAYS Au oob OZ/TON
500.3	501.6	10 % fine dissem py as irreg + discontinuous stringers at 50° to c.a									
501.5	542.3	porphyritic rhyolite ; dark green to black ; ∠ 1% fine dissem py throughout ; moderately fractured	20336	2	505.6	506	0.4'			0.41	27
	@	505.7 fracture at 60° ; smeared with cpy + gal (possible arsenides)									
508	542.3	Several light pk to wt cal. fractures + K-altered veinlets ; heavily chloritized margins ; various orientations ; ∠ 1/32" - 1/16" wide									
	@	522.7 grey carb vein 1/8" wide at 30°									
	@	524.2 chlorite seam 3/8" - 1/2" wide at 20° ; dotted with 20 % fine dissem py :									
	@	542.1 epidote rich vein 2" wide at 45° ; several irreg blebs wt qtz throughout ; intense K-alteration in core surrounding vein ; many epidote veinlets 1/32" wide at same orientation from 541 to 542.9									
542.3	548.2	diabase dike ; contact at 45°									
548.2		intermediate flow breccia ; ∠ 1% fine dissem py									
548.2		several hairline pk wt cal fractures + veinlets									

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Pontoon Resources Inc.

HOLE NO. P-86-25 SHEET NO. 14 of 17

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
556	622.3	increased fragment size; up to boulder size; variety of fragment compositions; red rhyolitic, green rhyolitic; dark green andesitic, fine grained dark green ground mass										
	@	572.3 irreg light pk cal veinlet 1/8" wide; heavily chloritized edges; < 1% disseminated py throughout; at 35° to c.a.										
	@	581.2 irreg wt cal veinlet 1/16" wide low angle										
	@	582.1 pk cal vein 1/2" wide; banded with dark green chl + wt cal.; barren 3% very fine py + cpy disseminated in core from 580.4 - 582.2; vein at 52°	20337	3	581.4	582.2	0.8'			0.05	32	
	@	582.5 pk cal veinlet 1/16" wide at 45°										
	@	583.7 very irreg light pk cal - chl vein 1/4" - 3/8" wide at 47°; mildly vuggy calcite; trace of fine py: moderate K-altered halo										
	@	588.1 chl-py seam 1/8" - 1/4" wide at 15°; 15% fine disseminated py and anhedral blebs										
589.3	590	badly broken core; intense K-alteration										
596.5	597.4	Several irreg + discontinuous py rich stringers at 50°; also finely disseminated py + cpy in core @ 597.1 vuggy wt cal vein 1/4" wide at 45°	20338	5	596.5	597.4	0.9'			0.06	60	

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources Inc

HOLE NO. P-86-25 SHEET NO. 15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	@	597.8 wt cal veinlet 1/16" wide at 30° ∠ 1% fine specks py + cpy in surrounding core									
	@	600.4 pk cal vein 1/8" wide at 47° barren									
	@	601.1 as above									
	@	601.7 as above									
	@	603 as above									
604.2	604.5	several irreg + discontinuous py-chl stringers at 45°									
605.5	607	as above									
605.5	606	several epidote veinlets 1/16" - 1/8" wide at 30° (opposite to py + chl stringers); ∠ 1% anhedral blebs cpy in epidote; epidote veinlets cut across py → later event	20339	3	605.5	607	1.5			0.02	30
	@	614.9 py-chl veinlet at 70° 1/8" wide									
622	623.4	badly broken core									
628.3	632.3	DIABASE (dike) several irreg light pk cal veinlets 1/16" - 1/8" various orientations; moderately jointed + fractured									
623.3	648	flow breccia - as above									
	@	633 wt cal vein 1/16" - 1/4" wide at 45°; 5% fine dissem py									
638.5	639.5	1% py as irreg stringers at 45°									

DRM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY [illegible]

HOLE NO. [illegible] SHEET NO. [illegible]

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
		and finely dissem throughout ; wt cal vein at 633 cut through py at opposite orientation ; heavy K- alteration throughout	20665	10	632.5	633.8	1.3'			tr	62
	@	638.6 very irreg light pk cal veinlet 1/8" wide ; braided ; 60° to c.a									
	@	642.5 pk cal. vein 3/8" wide at 60° banded with light grey cal. ; minor irreg patches chlorite ; trace of fine py									
641.7	643	Several light pk to grey cal veinlets 1/32" - 1/16" wide at 50 - 60° ; 3% fine dissem py + cpy in veinlets and throughout core	20340		641.7	643	1.3'			0.04	32
648	700	DIABASE ; well jointed + fractured									
648	652	very fine grained chill margin									
	@	659.4 very irreg chl. rich vein 1/8" wide at 20° ; light green epidote halo 1/2" wide.									
	@	668.8 qtz - pk cal vein 1/4" wide at 52° ; mildly chloritized margin									
	@	669 epidote rich vein 1/2" wide at 60°									
	@	670.6 pk cal vein 1/8 - 1/4" wide at 15°									
	@	672.1 pk cal 1/16" wide at 50°									

DIAMOND DRILL RECORD

NAME OF PROPERTY Proctor Kosmos

HOLE NO. P-86-25 SHEET NO. 17 / 1

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	@	673.1 as above									
	@	675 as above									
677.3	677.9	Several pk to grey cal veins 1/16" - 3/16" wide at 40° ; mildly chloritized margins									
	@	683.1 w/ cal-tale vein 1/8" wide at 50°									
	@	685 ± above									
FDH	700										

FORM 2

18 samples

DIAMOND DRILL RECORD

NAME OF PROPERTY Protem Resources Inc
HOLE NO. P-86-26 LENGTH 586'
LOCATION South Grid 453 W 422 S
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH 048° DIP -50
STARTED May 21/86 FINISHED May 27/86

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
581	-44	048°			
381	-46	048°			

HOLE NO. P-86-26 SHEET NO. 1/14
REMARKS _____
LOGGED BY R. Cinits

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS Ag %	ASSAYS Au ppb %	ASSAYS Ag oz/ton	ASSAYS Au ppb oz/ton
0	40	Casing									
0	33.5	OVERBURDEN									
33.5	206	SEDIMENTS									
33.5	68	conglomerate; many granitic boulders up to 6 feet; also rhyolitic, porphyry and mafic fragments; very fine grained dark green matrix; moderately fractured core									
36.4	38	badly broken core									
	@	39.3 light pk cal vein 1/8" wide at 50° in granite boulder									
	@	58.1 wt qtz veinlet 1/8" wide at 25° 10% fine dissem co-arsenides in granite wall rock	20341	5	57.7	58.5	0.8'			tr	56
56	61	heavily fractured core									
	@	54.6 irreg wt cal veinlet 1/16" wide at -30°									
68	158	conglomerate no granite boulders; fragments of porphyritic rhyolite to andesite									
	@ 90.6	very irreg light pk cal vein 1/2" wide at 30° on edge of mafic vuggy fragment?; vein									

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources Inc.

HOLE NO. P-86-26 SHEET NO. 2/14

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
		is vuggy + moderately K - altered									
107.2	127	very badly broken + ground core ; few 5" lengths of core ; mostly rubble ; fault zone									
127	156	heavily to moderately fractured core									
	@ 141	very irreg vuggy wt. cal vein ; 1/8" to 1/4" wide at 35° ; braided ; speck of sulfides									
158	165	granite pebbles + boulders									
	@ 171.5	wt qtz vein 1 1/2" wide at 55° 15% irreg blebs chl. ; minor hematite staining along microfractures ; trace PY									
165	206	conglomerate ; mainly rhyolite + siliceous fragments									
183		very heavily to moderately fractured core									
197	198	badly broken core - rubble - fault ?									
191	212	several very irreg pk cal veinlets ; 1/16" - 1/8" wide many orientations									
206	208	brecciated zone ; wt to pk cal cement ; vuggy ; heavily chloritized throughout									
206	231	VOLCANICS									

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Protego Resource Inc

HOLE NO. P-86-26 SHEET NO. 3 / 14

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
206	238.2	porphyritic rhyolite ; qtz + cream - green feldspar phenocrysts									
	@	226.4 smoky wt qtz vein 3/8" wide at 35° ; 2% euhedral blebs chl.									
	@	228.5 pk cal - qtz vein 3/8" wide at 35° ; heavily chloritized ; <1% very fine py ;									
	@	233.1 as above ; 1/2" wide,									
	@	235.1 pk cal vein 1/8" wide at 25°									
238.2	295	intermediate flow breccia ; tr of dissem py									
	@	238.4 pk cal fracture ; at 25°									
	@	241.5 pk cal veinlet 1/16" at 35°									
	@	242.4 pk cal vein 1/4" wide at 50°									
	@	242.9 as above ; 3% euhedral to subhedral py cubes dissem into wall rock									
244.5	247	many wt cal microfractures ; many orientations throughout 1% dissem py									
	@	246.3 pk cal vein 1/8" - 1/4" wide at 55°									
	@	247.3 wt cal vein 1/8" wide at 50°									

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY: [illegible]

HOLE NO. P-85-26 SHEET NO. 4 / 14

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS ppb ~~OZ/TON~~
	@	250.8 wt cal vein 1/8" wide at 30° dotted with fine chl.; < 1% dissem py									
	@	251.6 irreg wt to pk cal vein 3/8" to 1/2" wide; 10% irreg stringers chl.; minor K-alteration halo; 3% dissem py vein 85° to c.a	20342	3	251.5	251.8	0.3			tr	126
	@	252.1 very irreg pk cal vein 1/4" wide at 50°; dotted with fine chl; intensely chloritized margins									
	@	253.1 pk cal vein 1/8" wide at 43°; becoming subparallel to c.a; dotted with fine chl; 5% fine dissem py and anhedral masses									
	@	254.3 wt cal veinlet 1/32" at 25°									
253.5	257	3% fine dissem py									
	@	257.8 pk cal veinlet 1/16" at 65° heavily sprinkled with fine chl.; < 1% dissem py									
	@	258.8 wt cal veinlet 1/32" at 20°									
	@	259.2									
	@	259.6 very irreg wt cal vein 1/16" to 1/4" wide subparallel to c.a; braided; < 1% anhedral masses & finely dissem. py; red hematite staining along fractures.									

IRM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY [illegible] Resources

HOLE NO. P-85-26 SHEET NO. 5 / 14

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS ~~OZ/TON~~
	@	261.3 pk cal - chl vein 1/8" wide at 20° ; 5% fine dissem py + magnetite ; heavily chloritized as fine specks throughout ; heavily stained with red hematite									
262.5	268.3	diabase dike ; contact at 30° ; heavily jointed at 25° + 45° ; intensely stained with hematite along jointed surfaces ; < 1% dissem py throughout									
	@	268.3 wt. cal - chl veinlet 1/16" wide subparallel to c.a ; 5% fine dissem py in vein + surrounding wall rock ; moderately silicified ; vein very irreg + braided	20343	3	268.2	269.8	1.6'			tr	240
271.5	276.3	heavily fractured + broken core ; red hematite stained fracture surfaces									
	@	276.9 wt cal veinlet 1/16" at 40°									
	@	278 light pk to wt cal vein 1/8" at 65°									
278	281.3	lamprophyre dike ; contact 65°									
	@	282.6 grey carb vein 1/4" wide at 60° 5% irreg + discontinuous stringers fine dissem py in vein ; moderate K-altered halo ; wall rock moderately silicified + carbonatized ; 3% dissem py	20344	3	282.5	282.8	0.3'			0.02	314
	@	283.9 pk cal - qtz vein 1/4" wide at 40° several irreg blebs chl < 1% dissem py									

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Protens Resources Inc

HOLE NO. P-86-26 SHEET NO. 6 / 14

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	%	Ag OZ/TON	ppb Au OZ/TON
	@	284.8 pk cal - qtz vein 1/2" wide at 55° ; banded with irreg chl stringers ; 3% fine dissem - py + cpy throughout	20345	2	284.7	285.1	0.4'			tr	104
283.3	286.7	many very irreg wt - pk cal fractures + veinlets of many orientations ; < 1% fine py									
287.4	292.9	10 - 15% fine dissem py as crude irreg stringers (various orientations) and fine dissem specks intensely silicified throughout									
			20346	10	287.4	288.5	1.1'			tr	48
			20347	15	288.5	290.1	1.6'			tr	147
	@	288 light pk cal veinlet 1/16" wide at 62°								tr	86
	@	288.2 - 288.4 very irreg light pk brecciated cal vein ; 1/16" - 1/4" wide ; many orientations ; braided ; 5% dissem py throughout	20348	15	290.1	291.6	1.5'			tr	70
			20349	10	291.6	292.9	1.3'				
	@	292.5 pk cal vein 1/4" wide at 50° ; dotted with fine chl									
	@	293 as above									
292.9	295	2% fine dissem py									
	@	294 pk cal vein 1/8" wide at 60° 2% fine dissem py in vein									
294	296	heavily fractured core									
295	332.4	porphyritic rhyolite ; qtz + feldspar phenocrysts									
297.1	297.6	heavily silicified seam 2 1/2" wide ; 30% fine dissem + anhedral masses py ; wt cal veinlet	20350	30	297.1	297.6	0.5'			tr	47

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-85-26 SHEET NO. 7/14

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
		1/16" wide cuts py seam subparallel to cia									
247	303	3% fine dissem py as irreg stringers and fine specks ; many very irreg wt to pk cal veinlets ; various orientations									
	@	308.2 wt qtz vein 1 1/4" wide at 45° ∠ 3% irreg blebs of bladed magnetite ; minor chl + pk cal blebs ; minor K alteration									
307	332.4	2% light green epidote altered phenocrysts									
	@	311 light pk cal vein 1/8" wide at 42°									
	@	312.7 pk cal - qtz vein 1/4" wide 5% bladed spec hem + magnetite ; heavily chloritized margins ; vein @ 55°									
313	332	Several pk cal fractures + veinlets at various orientations									
	@	321.6 wt qtz vein 1/4" wide at 40°									
326.5	327.6	lamprophyre dike @ 326.5 pk cal vein 1/8" wide at 40°									
332.4	371.8	intermediate flow breccia ; red rhyolitic subangular fragments ; dark green - black fine grained groundmass ; ∠ 1% dissem py throughout									

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-26 SHEET NO. 8/14

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
342.4'	354	many light green epidote veinlets ∠ 1/16" to 1/8" wide; most at 35° to c.a; several light pk cal veinlets on same orientation									
	@	342.5 fracture at 30°; ↳ blood red hematite + 30% cpy smeared on fracture surface	20657	5	342.4	342.8	0.4'			tr	22
	@	349 pk cal - epidote vein 1/4" wide at 35°									
	@	359.8 irreg pk cal veinlet 1/16" - 1/4" wide; intense K-alteration; minor chl + qtz blebs throughout; 45° to c.a									
	@	361.3 chl rich seam 1/2" wide at 20° 3% anhedral masses py									
	@	367.9 pk cal - epidote vein 1/8" wide at 42°; 20% galena; 1% fine dissem cpy + py;	20658	3	367.9	368.2	0.3'			fr	21
371.8	374.6	lamprophyre dike; many epidote rich veinlets 1/16" - 1/2" wide at 35°									
374.6	377.2	porphyritic rhyolite; intense K-alteration throughout; 20% light green epidote blebs (altered feldspar)									
377.2	384.5	lamprophyre; several fragments of K-altered porphyry within (broken off from wall rock); several									

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources Inc

HOLE NO. P-86-26 SHEET NO. 9 / 14

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
		epidote - qtz veinlets 1/16" - 1/4" wide; < 1% dissem cpy in veinlet									
384.5	387.8	porphyritic rhyolite; less intensely epidote altered; < 1% fine dissem py									
	@	387.2 smokey qtz vein 1/4" wide at 40° 5% anhedral blebs py.									
387.8	391	intermediate flow "breccia"; < 1% fine dissem py									
391	429.2	porphyritic rhyolite; dark green to black; many qtz phenocrysts.									
	@	393.3 Smokey qtz-chl. vein 1/8" wide at 45°; K-altered halo.									
395	400.2	Several irreg pk cal veinlets & fractures 1/32" - 1/8" wide									
	@	405.6 very irreg pk cal-qtz-chl vein 1" wide; 10% fine speck magnetite + py; 90° to c.a									
406.3	407.3	several light pk cal veinlets 1/32" - 1/8"; dotted with qtz blebs; intense K-altered halos; < 1% dissem py									
	@	410.2 qtz-chl. vein 3/8" wide at 50°; 3% anhedral blebs py									

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-26 SHEET NO. 10 / 14

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	@	413 very irreg chl. - wt. cal vein ; discontinuous ; intense K-altered halo ; 1% blades spec. hem , mt + py									
	@	414.6 pk cal vein 1/8" - 1/4" wide subparallel to c.a ; intensely K-altered ; 10% spec. hem ; 5% anhedral masses py and fine dissem py. ; 3% irreg blebs epidote throughout	20659	5	414.6	415.4	0.8'			tr	60
416	419.5	several py - chl - qtz rich veins 1/16" - 3/8" wide ; 3% fine dissem py throughout core ; moderate K-alteration	20660	20	419	419.2	0.2'			tr	251
	@	419.1 py rich seam 3/8" wide at 60°									
	@	422.3 Smokey qtz vein 1/4" wide at 30° ; pk cal along microfractures parallel + ± to vein orientation ; 2% dissem py									
423.5	425.3	moderately fractured core									
	@	428.2 pk cal - purple qtz vein 1/4" wide at 40°									
428.2	428.9	many hairline pk cal fractures									

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-26 SHEET NO. 11/14

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS Ag %	ASSAYS Au opb %	ASSAYS Ag OZ/TON	ASSAYS Au opb OZ/TON
429.2	449	intermediate flow breccia; contact at 20°;									
429.2	436	less fragmented; high % of fine grained mafic groundmass; light cream-green anhedral feldspars throughout; < 1% dissem py									
436	440	intense cream-green feldspar alteration in crude bands elongated at ≈ 45° to c.a; several hairline pk cal microfractures + veinlets along same orientation; many brecciated black mafic - intermediate fragments mixed in with cream feldspar	20661	5	437.7	438.6	0.9'			tr	78
			20662	5	438.6	439.6	1.0'			tr	95
		3-5% fine dissem py as irreg stringers at 45° and fine specks throughout; intense K-altered haloes around cal veinlets + py stringers									
	@	439.1 pk cal veinlet 1/8" wide at 55°; 30% fine dissem py throughout; possible specks of arsenides?; intense K altered halo									
440	449	several wt to pk cal. fractures + veinlets at many orientations									
449	1192.2	porphyritic rhyolite									
451	452.9	chl-py seam 1/2" wide, subparallel to c.a; 70% fine dissem py; moderate K-alteration	20663	30	451	452.9	1.9'			0.11	718
449	1167	many wt cal microfractures in many orientations; intensely K. altered; also several epidote veinlets 1/8" wide at 30°-45°									

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-26 SHEET NO. 12 / 14

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	TO	TOTAL	ASSAYS %	%	OZ/TON	OZ/TON
459	463	qtz + feldspar phenocrysts euhedral to subhedral ; sand sized ; light red K-alteration pervasive throughout									
460.9	462.7	very many epidote veinlets 1/16" - 1/4" wide; most at 27° to c.a @ 461 epidote-qtz vein 1" wide at 27° ; brecciated porphyry fragments within									
463.6	465.5	very intensely cut by wt cal veinlets + fractures < 1/32" - 1/8" wide ; trace of fine py throughout ; many orientations @ 465.1 wt qtz vein 1/4 - 1/2" wide; several irreg blebs chl ; cut by wt cal veinlets mentioned above ; < 1% dissem py vein at 40°									
466	495	many wt cal to pk cal microfractures + veinlets at many orientations ; < 1% fine dissem py @ 470.1 pk cal vein 1/4" wide at 40° barren									
470.5	470.7	extremely silicified (cherty) ; cut by many microfractures ; bordered by irreg light pk cal. veinlets ; < 1% fine dissem py @ 479.2 wt cal-qtz vein 1/4" wide at 35° ; 3% anhedral blebs py + cpy									

DIAMOND DRILL RECORD

NAME OF PROPERTY [illegible]
HOLE NO. P-86-26
SHEET NO. 13/14

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	@	481.7 pk cal vein 3/4" - 1" wide ; heavily chloritized with irreg blebs ; mottled appearance ; < 1% fine dissem py ; vein at 45°	20664	< 1	481.5	481.9	0.4'			tr	70
	@	483 wt cal vein 1/8" wide at 60° barren									
485.2	485.5	many brecciated wt cal veinlets 1/16" - 1/8"									
489	491	badly fractured + broken core									
492.2	586	intermediate flow breccia ; 5% fine dissem py at contact ; light red porphyritic fragments in dark green fine grained groundmass									
503	513	heavily jointed + fractured core ; red hematite staining along jointed planes at 40°									
508	510	badly broken core - fault ?									
	@	515.1 epidote rich vein 1/8" wide at 40°									
515.2	515.6	several irreg wt cal - chl -epidote veinlets < 1/8" wide at 45° ; < 1% fine py + cpy									
	@	522.3 wt cal -epidote vein 1/8" wide at 35° ; 1% fine dissem py + cpy									
	@	522.9 pk cal vein 1/8" wide at 50° ; barren									
523	528	moderately fractured core at 45° + subparallel to c.a									
547.5	555	many light green epidote microfractures + veinlets at 20 - 35°									
	@	552.7 epidote vein 3/4" wide at 40° ; several wt qtz blebs throughout									

DIAMOND DRILL RECORD

NAME OF PROPERTY Protour Resources

HOLE NO. P-86-26 SHEET NO. 14 / 14

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	@	561.7 very irreg pk cal 1/4" wide; braicked; heavily chloritized with irreg blebs ; mildly brecciated ; vein at 75°
576	581	less red rhyolite fragmnts ; 2% fine dissem py as irreg + discontinuous stringers at 25°
581	586	return to breccia as before
EDH	586	

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	OZ/TON	OZ/TON

31 samples

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources Inc N. Cobalt
HOLE NO. P-86-27 LENGTH 716'
LOCATION South Grid 527 W 487 S
LATITUDE DEPARTURE
ELEVATION AZIMUTH 048 DIP -50
STARTED May 27/86 FINISHED May 30/86

FOOTAGE	DIP	AZIMUTH (corrected)	FOOTAGE	DIP	AZIMUTH
711	-45	050			
511	-47	044			
311	-47	043			
collar	-50	048?			

HOLE NO. P-86-27 SHEET NO. 1/1
REMARKS
LOGGED BY R. Cinits

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	%	Ag OZ/TON	Au ppb
0	46	Casing									
0	40.8	OVERBURDEN ; clay , sand , boulders									
40.8	151	VOLCANICS									
40.8	151	feldspar porphyritic rhyolite ; light green with euhedral cream feldspar + small black mafic specks → chl + amphibole?									
40.8	77	very heavily jointed + fractured core at 60° to 30°									
	@	45.4 white cal veinlet 1/16" wide at 50° 3% fine dissem cpy + co-arsenides ?	20666	<1	43.3	43.6	0.2'			.002	38
40.8	151	intense chlorite spotting ?									
77	87	badly broken core → fault zone									
87	91	very heavily fractured core									
91	108	moderately to heavily jointed + fractured core many wt cal microfractures on many orientations									
108	125	heavily jointed & fractured core ; many very irreg microfractures									
125	133	moderately fractured									
126.8	128.2	lamprophyre dike contact 50° ; cut by several irreg wt cal veinlets									

LANGRIDGES – TORONTO – 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY: Proteus Resources

HOLE NO. P-86-27 SHEET NO. 2/15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
133	166.5	very badly broken core - rubble - → fault zone									
	@ 134	broken fragments of wt. calcite vein 1/2 - 3/4" wide ; < 2% anhedral blebs cpy ; many irreg patches chl throughout ; several patches of intense K-alteration	20667	< 2	134'	134.5	0.5'			tr	10
151	165	CONGLOMERATE ; granitic + silicious pebbles orthoconglomerate ; badly broken core									
	@ 152	wt qtz-cal vein 1" wide at 40° 40% anhedral masses chlorite									
165		VOLANICS									
165	256	feldspar porphyritic rhyolite as above									
166	176	heavily jointed + fractured core									
176	178	rubble									
178	183	heavily broken + fractured core									
183	190	badly broken core - rubble									
176	190	fault zone									
190	205	heavily fractured + jointed core ; many wt cal. fractures + veinlets ; very irreg orientations ; < 1% dissem py									
	@ 196 - 197	< 3% fine dissem py									
	@ 199.4	irreg wt - pk brecciated, braided, cal vein 1/16" - 1/4" wide at 45°									

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Nadina Resources Inc.

HOLE NO. P-86-27 SHEET NO. 3/15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
	@	200.3 pk cal vein 1/4" wide at 50°; heavily chloritized; becomes subparallel to C.a										
205	275	many light pk-pk qtz. cal veins + veinlets + fractures < 1/32" to 1/2" wide; most at ≈ 45-50° to C.a; dotted with fine specks chl.; < 1% fine py										
	@	208.1 pk cal vein 1/4" wide at 50°										
	@	211.1 pk cal-qtz-chl vein 3/8" wide at 50°										
224	230	heavily fractured core										
	@	233.4 smokey qtz vein 1/2" wide at 30° bordered by pk cal veinlet 1/8" wide; many irreg chl blebs throughout										
	@	236.1 pk cal-chl vein 1/4" wide at 47°										
	@	237.6 as above										
	@	241.5 smokey qtz vein 3/8" wide at 40°; speckled with fine chl										
	@	247.9 as above										
	@	253.2 pk cal vein 1/4" wide at 50° dotted with fine chl										
	@	254.6 as above										
	@	255.7 pk cal vein 1/8" wide at 90°										
	@	256.3 1/8" pk cal vein; subparallel to C.a; speckled with chl.										

DRM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. D-86-27 SHEET NO. 4/15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
256	309	intermediate flow breccia ; dark green ; hard to distinguish fragments + matrix ; many irreg + discontinuous pk cal fractures + veins										
		@ 259.2 dolitic pk cal vein 1/4-1/8" wide at 55° with fine chl.										
		@ 259.6 as above										
		@ 260.8 pk cal 1/4" - 1/2" wide at 25°										
		@ 262.6 pk cal - qtz vein 3/4" wide at 70° ; speckled with fine chl. ; minor K-alteration throughal ; 3% irreg blbs py + fine dissem cpy ; 2% fine specks mt.										
		@ 265.4 pk cal - qtz - chl vein 3/4" wide at 50° ; 1% fine py										
		@ 266.5 irreg pk cal - qtz - chl vein 1/4" - 3/8" wide at 50°										
		@ 270 pk cal - qtz - chl vein as above										
276	293	moderately to heavily fractured core										
280	280.6	many wt cal veins + fractures 1/8" - 1/32" at 50°										
281	283	very badly broken core										
291.6	293	many wt to pk vuggy cal veins ; very irreg + discontinuous ; 1/16" - 1/4" wide ;										

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Fraleys Reserve

HOLE NO. P-81-27 SHEET NO. 5/15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
		; tr of euhedral py in vuggs									
293	299	very badly broken core ; < 1% fine dissem py throughout									
299	309	heavily fractured core ; many light pk - wt cal fractures + veinlets ; very irreg + discontinuous ; < 1% fine dissem py + cpy ; groundmass of breccia becomes more mafic -- with felsic - intermediate fragments ; 1-3% mt. dissem in ground mass									
300.3	301	lamprophyre dike ; contact 25°									
304	304.6	lamprophyre dike " "									
	@ 306.2	py seam - 1/16" wide at 40° ; borders light pk cal veinlet 1/16" wide									
309	325.1	porphyritic rhyolite									
309	318	intense K - alteration ; many light pk cal fractures + veinlets									
317	318	heavily ground core									
318	325.1	black porphyritic rhyolite ; many light green - cream feldspar phenocrysts									
325.1	336.5	intermediate flow breccia , light red felsic pebble - boulder size fragments set in a dark green fine grained mafic groundmass ; < 1% fine dissem py in ground mass									

DRM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY [illegible]

HOLE NO. P-85-27 SHEET NO. 6 / 15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Ag oz/ton	ASSAYS Au ppb ~~oz/ton~~
		Several pk cal veinlets 1/16" - 1/8" wide at 35° ; 1% fine dissem py + cpy in vein	20668	<1	330.1	330.4	0.3'			tr	22
3365	348.7	dark green porphyritic rhyolite - andesite ; minor K-altered throughout , several light pk cal veinlets + microfractures ; green epidote altered feldspars									
	@	342 pk cal veinlet 1/16" wide at 37°									
	@	345 wt qtz vein 1/2" wide at 35° ; 10% irreg patches chl + epidote									
348.7	350.5	lamprophyre									
350.5	352.2	porphyritic rhyolite - andesite as above									
352.2	354	lamprophyre ; intense red hematite staining along fracture planes									
354	363.3	porphyritic rhyolite - andesite ; moderately to heavily fractured ; 1% fine dissem py									
	@	357.4 ; seam with 70% dissem py ; 1 1/2" + cpy at 25° ; true width heavily silicified ;	20669	70	357.4	358	0.6'			0.85	0.144 oz/Ton
	@	360 irreg py rich seam at 25° ; 5-10% dissem py	20670	5	359.9	360.4	0.5'			0.08	546

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Pastos Kosovios
HOLE NO. P-86-27 SHEET NO. 7/15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	TOTAL	ASSAYS %	%	OZ/TON	OZ/TON
362.5	363.1	diabase dike									
363.7	364.3	diabase dike									
367.5	372.2	diabase dike									
	@	372.2 pk cal - chl vein 3/4" wide at 35° ; borders lamprophyre dike ; many irreg qtz blebs throughout ; 1 % fine dissem py and anhedral blebs	20671	1	372.1	372.4	0.3'			0.02	66
372.3	377.5	porphyritic rhyolite - andesite ; heavy K-alteration many green epidote altered feldspars ; very heavily fractured with intense hematite stained surfaces ;									
	@	377 pk cal qtz vein 1/4" wide at 45°									
377.5	379	diabase dike ; heavily fractured , hematite stained + epidotized									
380	384	diabase dike									
385.4	386	mud seam									
386	386.5	diabase dike									
386.5	391	porphyritic andesite ; 1 - 3 % fine dissem py as irreg discontinuous stringers at 50° ; and finely dissem throughout ; heavily fractured core									

DIAMOND DRILL RECORD

NAME OF PROPERTY: Trotter Resources

HOLE NO. P-86-27 SHEET NO. 8/15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
391	394.5	diabase dike ; speckled with epidote
394.5	395	intense K-alteration in porphyritic andesite
396.9	397.2	as above
397.2	400.1	diabase dike
400.1	409.5	porphyritic rhyolite - andesite
409.5	412.5	diabase dike
412.5	448.7	porphyritic rhyolite - andesite ; black ; cream-green euhedral feldspar phenocrysts elongated at 50° to c.a
	@ 405.3	irreg pk cal veinlet 1/8" wide at 35°
	@ 420.8	light pk cal veinlet 1/32" wide at 57° ; intense K-altered halo ; 2% fine dissem py in veinlet + wall rock
421	424	1% fine dissem py
424	426.7	many wt cal fractures + veinlets ; subparallel to c.a and 60° to c.a ; moderate to intense K-alteration ; 1-5% fine dissem py throughout
426.7	428.3	3-5% fine dissem py as irreg stringers at 45° to c.a , and fine dissem specks
	@ 428.5	pk cal veinlet 1/16" at 37°
	@ 430.5	light cream to green feldspar-talc rich seam 1/2" wide at 60° ; 5% fine dissem py

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	Ag OZ/TON	Au ppb OZ/TON
20672	3	425.6	426.7	1.1'			0.04	88
20673	3	426.7	428.3	1.6'			0.08	82

DRM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Pinteau Resources

HOLE NO. P-86-27 SHEET NO. 9/15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
442	444.4	1 – 2 % fine dissem py in irreg stringers along microfractures at various orientations									
447.8	448.7	as above.									
448.7	508.7	intermediate flow breccia; red felsic pebble to boulder sized fragments in dark green fine grained mafic ground mass; 1 – 5% fine dissem py; intense K-alteration in places	20674	5	451.6	453	1.4'			tr	95
457.1	460.1	several epidote qtz veinlets 1/32" – 1/4" at 25 - 35°									
		@ 466 irreg seam with 70% dissem py up to 1/2" wide at 40°; mottled with pk cal, chl, + epidote									
		@ 473 pk cal - epidote vein 1/10" at 40°; 10% stringers red hematite									
483	490	several pk cal - epidote veinlets 1/32" - 1/8" at 50° and irreg epidote blebs									
		@ 494.5 pk cal - epidote vein 1/4" wide at 45°; 2% fine specks py + cpy									
		@ 497 very irreg mottled pk cal, chl. epidote vein 1/8 - 1/4" wide at 65°									
502.6	506.3	intensely dotted with cream specks of feldespar; 1% fine dissem py throughout									
508.7	524	porphyritic rhyolite; dark green - black; 1 – 5% fine dissem py; 508.7 - 509.2 intense K-alteration									

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources Inc

HOLE NO. P-86-27 SHEET NO. 10/15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Ag OZ/TON	ASSAYS Au ppb OZ/TON	
		< 1% fine dissem py throughout several light pk cal fractures + veinlets										
517.7	518.7	3% dissem py										
524	562.2	intermediate flow breccia; many subrounded to subangular felsic-intermediate pebble sized fragments in dark green fine grained matrix; dotted with light green-cream fine feldspar phenocryst, anhedral to subhedral; rock is moderately silicified + mildly carbonatized; 1-3% fine dissem py										
	@	536.7 smoky qtz vein 3/8" wide bordered by qtz-epidote vein 3/16" wide; both at 35° heavily chloritized; < 1% irreg py blebs										
537.7	538.2	heavily fractured core										
	@	538.2 qtz vein as at 536.7										
546	563	several wt-pk cal fractures + veinlets 1/32" - 1/4"; various orientations										
	@	551.6 pk cal vein 1/4" wide at 60° bordered by grey calcite + chl. < 1% fine specks py	20675	< 1	551.5	551.8	0.3'			tr	43	
	@	556.2 irreg pk cal vein 1/16" - 1/4" wide at 50° dotted with 1% fine specks of co-arsenides; fine dissem py in wall rock surrounding vein	20676	1%	556.1	556.45	0.35'			.90	77	

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Pinehurst Resources

HOLE NO. 0-86-27 SHEET NO. 11 / 15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	@	556.55 co-arsenide seam 1/16" at 35°; opposite orientation to pk cal vein at 556.2; 75% massive cobaltite
556	562.2	3-5% fine dissem py + cpy in core
	@	558.3 wt brecciated cal vein 1/8 - 1/4" wide at 50°; < 1% dissem py + cpy in vein; 5% dissem sulfides in surrounding wall rock
	@	559.2 pk-grey cal veinlet 1/10" wide at 40°; tr of fine co-arsenides
	@	559.5 irreg pk cal veinlet 1/16" wide at 43°
	@	560.1 pk cal veinlet 1/10" wide at 60° dotted with 1% fine co-arsenides + py
	@	561.6 light pk cal veinlet 1/8" wide at 80° tr of fine co-arsenides; 1% fine-dissem py surrounding veinlet
	@	562 as above; at 55°
562.2	583.3	porphyritic rhyolite; dark green to black; < 1% dissem py throughout
578.5	582	moderate sil K-alteration
	@	574.6 pk cal-chl vein 1/4" wide at 85° < 1% fine specks py + cpy; 3% fine dissem arsenides

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	Ag OZ/TON	Au ppb OZ/TON
20677	10	556.45	556.8	0.35			1.88	66
							.54	63
20678	4	556.8	558.2	1.4'			.77	59
20679	5	558.2	558.7	0.5'			.55	36
20680	3	558.7	560	1.3'				
20696	2	560	560.3	0.3			0.37	58
20681	2	561.4	562.2	0.8'			0.02	33
20682	< 1	574.5	574.8	0.3			0.02	23

DIAMOND DRILL RECORD

NAME OF PROPERTY: Porteus - Kesouras

HOLE NO. P-86-27 SHEET NO. 12 / 15

631.5

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	TOTAL	ASSAYS %	ASSAYS %	Ag OZ/TON	Au ppb (~~OZ/TON~~)
	@	582 pk cal-qtz veinlet 1/16" wide at 20°; intensely K-altered									
583.3	606	intermediate flow breccia as before, but much less dissem sulfides (< 1%)									
584.5	594	moderately ground core due to dull bit? bad "bit rub" on core									
	@	597.7 pk cal vein 3/8" to 1/2" wide very irreg shape; 50° to c-a; 5% irreg blebs cpy + py throughout → < 1% dissem arsenides; another vein	20683	3	597.7	598.2	0.5'			0.31	41
		1/2" wide at 597.9; many irreg pk cal fractures with 1% fine dissem py + cpy from 596.8 - 599.6	20684	< 1	598.2	599.6	1.4'			0.02	17
	@	599.1 irreg pk cal vein 1/8" wide at 47°; < 1% fine speck cpy									
606	611	diabase dike /									
607.1	608.2	intense epidote alteration									
611	630.7	dacite?; grey-green; porphyritic with plagio + qtz; aphanitic, holocrystalline equigranular groundmass									
611	615	many pk cal veinlets + microfractures of many orientations; 2% py as irreg stringers + fine dissem specks									

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Victoria Mines

HOLE NO. D-SK-27 SHEET NO. 13/15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS Ag %	ASSAYS Au %	ASSAYS Ag OZ/TON	ASSAYS Au PPB
	@	613.2 pk cal veinlet - 1/8" wide; < 1% specks Cu-arsenides; at 30°	20685	2	612.6	613.5	0.9'			0.06	32
	@	612.8 py rich seam - 1/2" wide at 75°; 60% fine dissem py									
	@	614.7 pk cal veinlet 1/16" wide at 60°; veinlet surrond by 1/2" halo of 30% dissem py in chloritic groundmass	20686	10	614.5	614.9	0.4'			0.02	36
	@	615.3 pk cal veinlet 1/16" wide at 30°									
	@	625.7 pk cal - qtz vein 1/4 - 3/8" wide at 30°; small pk cal fractures coming out of vein perpendicular to vein; < 1% fine specks py, cpy + possible arsenides in vein	20687	1	625.6	626.8	1.2'			0.06	25
		626 - 626.8 many very irreg pk cal veinlets in many orientations; 1 - 3% fine dissem cpy + py throughout									
630.7	701	intermediate flow breccia as before									
630.7	631.5	heavily altered to light green; many irreg chloritic seams with 10% altered blebs py + 1% fine dissem arsenides; many irreg orientations heavily carbonatized	20688	5	630.7	631.5	0.8'			0.02	6
	@	631.5 pk cal veinlet 1/16" at 35°									
	@	632.4 chl - py rich seam 1/8" - 1/4" wide; 10% - fine dissem py; at 20° to C.a									

TM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY [illegible]

HOLE NO. D-SK-27 SHEET NO. 14 / 15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Ag OZ/TON	ASSAYS Au ppb OZ/TON	ASSAYS ppb
643.6	644	10% fine dissem py										
	@	646.6 light pk qtz vein 3/4" wide heavily microfractured with pk cal infilling + heavily chloritized border; 3% chl.; heavily chloritized anhedral blebs py; vein at 60°										
650	654.2	heavily fractured core at 40°; 3-5% fine dissem py	20689	3	653	654.7	1.7'			0.02	81	
654.2	656.4	15% fine dissem and coarse subhedral cobaltite along with 10% fine dissem py + cpy;										
	@	655.6 very irreg pk cal vein 3/4" to 1/2" wide at 55° to c-a; heavily chloritized margins; vein barren, but + fine specks cobaltite bordering vein + coarse subhedral crystals.	20690	20	654.7	655.6	0.9'			0.67	156	
			20691	5	655.6	655.8	0.2'			0.25	115	
			20692	20	655.8	656.4	0.6'			0.69	151	
656.4	657.5	many very irreg wt to pk brecciated cal veins 1/16" - 1/4" wide; many orientations; 3-5 fine dissem py, cpy throughout wall rock; trace of arsenides	20693	3	656.4	657.5	1.1'			0.09	132	
657.5	660.3	many very irreg pk cal veinlets 1/32" to 1/16" wide; many orientations; 2% fine dissem py + cpy	20694	1	657.5	659.1	1.6'			0.04	128	
	@	659.2 wt-grey cal fracture at 35°; 10% fine dissem py surrounding fracture; 5% fine	20695	5	659.1	659.6	0.5			0.38	77	

DIAMOND DRILL RECORD

NAME OF PROPERTY [illegible] Kosmos Inc

HOLE NO. P-86-27 SHEET NO. 15 / 15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
		dissem arsenides in wall rock surrounding fracture									
660.3	663	heavily fractured at 35 - 40° ; red hematite staining along fracture planes									
	@	670.5 · smokey qtz vein 1/4" wide at 50° ; 5% anhedral blebs py ; heavily chloritized border									
	@	672.5 irreg pk cal vein 1/4" wide at 60° ; heavily hematized									
688.5	689.5	10% fine dissem py as irreg stringers at 40°									
	@	700.5 grey brecciated carb vein 1" wide at 65° ; ∠ 1% irreg blebs py									
701.7	705.7	DIABASE									
705.7	707.4	intermediate flow breccia									
692	707	moderately fractured core									
707.4	716	DIABASE									
707.4	710	fine grained chill margin									
716	EOH										

FORM 2

25 samples

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources Inc

HOLE NO. P-86-28 LENGTH 666

LOCATION N. Cobalt 423 W 531 S South Grid

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH 048 DIP -50°

STARTED June 2/86 FINISHED Wed June 4, 1986

corrected

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
661	-46	049			
461	-47	047			

HOLE NO. P-86-28 SHEET NO. 1/15

REMARKS _____

LOGGED BY R. Cinits

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
0	36	Casing										
0	34	OVERBURDEN										
34	~~140~~	SEDIMENTS										
34	99	conglomerate; many granitic boulders + pebbles in dark green aphanitic groundmass also siliceous + porphyritic rhyolite fragments moderately fractured core										
	@	34 - 34.5 several light pk. cal veinlets 1/8" wide at 47°										
	@	39.4 wt cal vein 1/8" wide at 55°; vuggy										
	@	40.5 as above										
	@	47.2 irreg wt cal vein 1/8" wide at 35°										
	@	52.2 wt cal veinlet 1/16" at 15°										
	@	53.2 irreg wt cal veinlet 1/16" wide subparallel to c.a										
65	68.5	heavily fractured core										
71	72.5	brecciated zone; wt cal cementing moderately to heavily fractured core										
72.5	76	moderately fractured core										
	@	75.5 vuggy, brecciated wt cal vein 1/4" - 1/2" wide @ 35°										

DIAMOND DRILL RECORD

NAME OF PROPERTY [illegible]

HOLE NO. P-86-28 SHEET NO. 2/15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	@	76.3 pk cal veinlet 1/8" at 45°									
	@	77.7 pk cal - chl vein 3/8" wide at 55°									
	@	83.3 vuggy wt - pk cal vein 1/4" wide at 43° ; 5% spec. hematite									
99	140	conglomerate ; rare granite boulders ; mostly rhyolitic + porphyritic fragments , boulder to pebble size ; dark green aphanitic groundmass									
	@	109.5 wt irreg cal veinlet 1/16" wide at 25°									
140	156	badly broken + fractured core ; rubble in place ; several 6" lengths of core → fault zone									
	@	156-157 very irreg wt cal - qtz - ch brecciated zone ; intense K-alteration									
140		VOLCANICS									
140	154	porphyritic rhyolite - andesite ; light green groundmass with euhedral cream feldspar phenocrysts + dotted with fine black mafic specks + irreg chl blebs									
154	175.5	intermediate flow breccia ; felsic - intermediate fragments set in dark green fine grained groundmass ; < 1% fine dissem py									

DIAMOND DRILL RECORD

NAME OF PROPERTY [illegible]

HOLE NO. [illegible] SHEET NO. 3 / 15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	@	157.4 light pk cal veinlet 1/10" wide at 30°									
	@	158.7 irreg wt brecciated cal veinlet 1/8" wide at 30°									
	@	159.7 pk cal vein 1/2" wide at 40°; dotted with fine specks chl									
	@	160.8 wt cal vein 3/4" wide at 30°; dotted with fine chl specks									
167.3	168.2	several irreg pk cal veinlets 1/16" – 1/4" wide; at 40°; dotted with chl + < 1% dissem py									
	@	171.7 pk cal vein 1/2" wide at 70°									
	@	175.5 pk cal vein 7/8" wide at 70° dotted with fine chl									
175.5	177	badly broken core									
175.5	198.5	porphyritic rhyolite-andesite; minor K-alteration throughout lightly fractured core; many qtz - cal microfractures in many orientations; < 1% fine dissem py									
	@	192.5 wt qtz - chl vein 3/8" wide at 43°									
	@	195.8 as above									
198.5	211.6	intermediate - mafic flow bx; < 1% fine dissem py									
211.6	222	andesite, moderately fractured									
	@	222.4 smokey qtz vein 1/4 - 3/8" wide at 60°; < 1% specular hematite									

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY [illegible]

HOLE NO. D-81-29 SHEET NO. 4 / 15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Ag oz/ton	ASSAYS Au oz/ton	ASSAYS Au oz/ton
223.5	225	brecciated zone; wt cal - qtz - chl throughout moderate to alteration; 3% anhedral masses mt; < 1% fine py specks										
222	231	porphyritic andesite - rhyolite; light green throughout anhedral - subhedral epidote altered feldspars										
231	171	intermediate flow breccia; < 1% py disseminated throughout										
236	244	heavily fractured core										
244.5	257	several pk cal veinlets 1/16" - 1/4" wide; heavily chloritized; most 35° - 40° to c.a 1% anhedral blebs py										
		@ 247 pk cal vein 1/8" wide at 30°; 1% specks cpy + py in vein & wall rock	20697	< 1	246.6	247.2	0.6'			41	tr	
		@ 254.3 pk cal - qtz vein 1/4" wide at 35°; dotted with fine specks of chl; < 1% fine py										
		@ 259.6 pk cal veinlet 1/16" wide at 30°										
		@ 261.3: very irreg pk cal veinlet 1/8" - 1/4" wide at 25°										
261.3	263.2	altered breccia; light green colour; moderately silicified + sericitized; 1% fine disseminated py several light pk cal veinlets 1/16" wide at 45°										

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 5/15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	@	268.4 pk cal -qtz vein 3/4" wide at 45°; banded & mottled texture; 10% irreg blebs epidote throughout; minor chl specks									
268.5	272.5	heavily fractured & broken core; fragments of heavily brecciated core — small fault? hemat.te staining throughout									
271	340	porphyritic andesite — phyolite; dark green to black; qtz & feldspar phenocrysts anhedral - subhedral; many microfractures									
279.4	281	2% fine dissem py in irreg stringers at 45° to c.a;									
289.3	290.8	brecciated zone; wt to pk cal cement trace of py									
	@	290.3 wt qtz -pk cal vein 1/4" wide; at 30°; intense K - alteration									
	@	290.8 epidote vein 1/4" wide at 50°									
294.4	329	intense bright red alteration									
	@	295 very irreg epidote - cal - qtz vein 1/2" wide at 85°									
301.6	302.1	lamprophyre dike } no K - alteration									
309.2	312.7	"									
314.2	319.3	"									

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-28 SHEET NO. 6/15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Ag OZ/TON	ASSAYS Au ~~OZ/TON~~ ppb	ASSAYS ppb
394.4	332	many pk - wt cal microfractures + veinlets ; of various orientations										
	@ 332	pk - wt - grey banded cal vein 1/8" wide at 50° ; intense K-altered halo ; borderless lamprophyre dike										
332	335.4	~~dike~~ lamprophyre dike ; 1% -dissem py										
338.7	340	3% dissem specks py ; red hematite stained fractures &										
340	350	porphyritic andesite ; green epidote altered feldspars										
	@ 346.7	pk cal vein 1/8" wide at 32° ; banded by chl.										
	@ 347.4	wt cal veinlet 1/10" wide at 60°										
	@ 349.7	to 356.7 many very irreg wt cal. veins 1/16" - 1/4" wide many orientations (45° to subparallel to c.a)										
350	381	porphyritic andesite - rhyolite ; dark green to black ; < 1% fine specks py throughout										
	@ 350.2	py - chl rich seam 1/8" wide at 30°										
354.2	355.1	10% py as fine dissem blbs + irreg stringers at 50°	206795	10	354.2	355.1	0.9			0.05	474	
	@ 355.7	grey brecciated carb vein 1/4" wide ; clotted with < 1% fine py ; 5% py in wall										

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Kasoonas

HOLE NO. P-86-28 SHEET NO. 7/15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
		rock as anhedral to subhedral blebs + fine dissem specks	20699	3	356.6	357	0.4			0.02	182
357.6	370.6	lamprophyre dike; several pk cal. veinlets 1/16" - 1/4" wide; various orientations									
		@ 362.2 qtz-cal-epidote-chl vein 3" wide; mottled + banded; red hematite along fracture planes									
370.5	381	black porphyritic rhyolite-andesite; moderately silicified									
370.5	375	1-3% fine dissem py									
381	397	intermediate flow bx; < 1% dissem blebs py									
		@ 386.3 grey carb vein 3/16" wide at 40°									
		@ 386.9 pk cal veinlet 1/10" wide at 17° heavily chloritized margins									
		@ 387.1 epidote qtz vein 1/4" wide at 40°									
387.1	397	light green alteration; chloritized + sericitized 1 - 10% fine dissem py	50024	7	387.2	388.2	1.0'			0.02	125
		@ 389.2 light pk cal vein 1/8" at 55°; dotted with 3% fine py specks									
390.3	390.6	many very irreg wl brecciated cal veins; 1/8" - 1/2" wide; vuggy; < 3% fine specks py; many orientations	20700	3	390	391	1.0"			tr	95

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources Inc

HOLE NO. P-85-28 SHEET NO. 8/15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
[illegible]	@	392.3 irreg wt - pk cal veinlt 1/10" wide at 40°									
	@	393.4 as above									
	@	394.1 as above									
	@	395.8 very irreg wt brecciated cal vein 1/8" - 1/4" wide at 23°									
397	417	qtz porphyritic rhyolite ; dark green to black ; holocrystalline									
397.8	407	several pk - wt cal veins 1/32" to 1/8" at 40° - 50° to c.a									
	@	412.5 ** smoky qtz - chl vein 1/8" wide at 46° ; intense K - altered halo									
	@	415.9 as above									
	@	416.3 wt cal veinlt 1/16" at 35°	50001	5	417	418.2	1.2'			0.10	107
	@	417.1 brecciated wt cal vein 1/8 - 1/4" wide at 60° ; 10% fine dissem py									
417	462.4	flow breccia ; [illegible]									
417	419.5	5 % fine dissem py									
419.5	448	1 % fine dissem py									
	@	426 several pk cal - qtz - epidote veinlets at various orientations ; several irreg red blobs hematite									
431.2	432.1	heavily silicified + sericitized ; 5 % fine dissem py									

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources Ltd.

HOLE NO. P-86-28 SHEET NO. 9/15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	@	433.3 light pk cal vein 1/8" wide at 60°									
433.3	433.9	heavily fractured; red hematite along fracture planes silicified + sericitized									
439.6	442.2	as above									
	@	449.7 light pk cal vein 1/16" at 25° 10% red hematite staining									
	@	456.5 wt cal - vein 1/16" - 3/16" wide at 55°; heavily chloritized borders, 1% anhedral blebs px									
	@	452.4 pk cal - hematite vein 1/16" wide at 55°									
462.4	505	feldspar porphyritic rhyolite; many cream to light green subhedral feldspar phenocrysts; dark green to black aphanitic groundmass									
	@	462.4 broken fragments of qtz-epidote vein up to 2" wide; hematite stained									
463	490	many light pk cal veinlets + microfractures at many orientations (most 35-50° to c.a)									
	@	479.3 wt qtz vein 3/16" wide at 43°									
	@	480.7 irreg. chl rich seam 1/4" wide at 25° cream altered halo									
	@	484.9 pk cal vein 3/16" wide at 45°; many irreg blebs + stringers chl									

DRM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources Inc

HOLE NO. P-86-28 SHEET NO. 10/15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
491	499	heavily Fractured									
499	506	very heavily fractured core ; red hematite stained									
505	532	flow breccia ; moderately to heavily silicified									
508.3	512.3	badly broken core ; rubble → fault ? hematite staining throughout									
512.3	525	heavily fractured core @ 50°									
521	532	dotted with light green feldspar ? specks									
532	539	red porphyritic rhyolite ; moderately fractured									
		@ 534 epidote vein 1/2" wide at 45° irreg fragments pk cal + qtz within									
		@ 536.6 qtz - chl vein 3/16" wide at 50° irreg pk cal blebs throughout									
		@ 537.1 as above 1" wide ; 1% anhedral blebs cpy									
539	545.7	lamprophyre dike ; contact at 50° ; several light pk cal veinlets at 50°									
545.7	564	bright red porphyritic rhyolite									
545.7	567	very many irreg pk - wt cal veinlets + microfractures ; many orientations ; trace py									
		@ 561.9 irreg epidote vein 1/4" wide at 40°									

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-28 SHEET NO. 11 / 15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
564	581	black porphyritic rhyolite									
567	577	several light pk cal veinlets 1/32" - 1/8" at various orientations ; 2 1% fine dissem py throughout core									
581	601.8	flow bx									
	@	586.9 pk cal vein 1/8" - 3/16" wide at 19° to c.a									
	@	587.3 pk cal vein 1/16" - 1/4" at 50° ; very irreg shape ; braided + brecciated ; barren									
589.4	595.7	light brown to red fragments (rhyolitic) in light green matrix ; 1% fine specks py throughout ; dotted with light green epidote									
593.1	594	many irreg + braided epidote stringers 1/32" - 1/2" wide ; all at 40°									
594.4	595.6	intense hematite staining along fracture planes									
595	599	heavily fractured core ; "apple" green epidote blebs throughout									
	@	599.7 pk - cal - qtz veinlet 1/16" wide at 40° heavily chloritized									
601.8	624.8 @	flow bx ; dark green to black ; moderately silicified in places ; 1% fine dissem py ; many wt cal. microfractures ; most at 25 - 40° to c.a									

FORM 2-

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources Inc

HOLE NO. P-85-28 SHEET NO. 12/15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Ag OZ/TON	ASSAYS Au OZ/TON	Au ppb
602	602.5	Several very irreg pk cal veinlets + irreg blebs at 55° to c.a ; < 1% fine dissem py + cpy										
		@ 603.6 wl cal veinlet 1/10" wide at 60°										
		@ 604 as above										
		@ 604.4 wt - grey cal veinlet 1/10" wide at 35°										
604.3	605.7	3% fine dissem py + cpy in discontinuous stringers at 50° , tr of fine dissem arsenides	50002	3	604.3	605.7	1.4'			0.14	63	
		Several wt cal fractures at 25°										
605.7	606.4	wt qtz vein 3/4" wide subparallel to c.a dotted with irreg blebs chl + pk cal ; < 1% dissem py , cpy , co- arsenides	50003		605.7	606.4	0.7'			.02	18	
		@ 607.7 pk cal veinlet 1/16" wide at 45°										
		@ 609 as above										
		@ 609.4 pk cal vein 1/4" wide at 25° banded by wt cal ; slightly vuggy ; barren										
609.4	610.2	moderately fractured + broken core ; many very irreg wt cal. veinlets + fractures ; most at low angles to c.a ; 2% fine dissem py + cpy in wall rock										
		@ 610.3 wt cal vein 1/8" wide at 25° slightly brecciated										
		@ 612.3 wt cal veinlet 1/32" at 50°										

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-28 SHEET NO. 13/15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Ag OZ/TON	ASSAYS Au ppb
613.3	616.3	5% fine dissem py, cpy in irreg stringers + wt cal microfractures out at 25° to 35° to c.a; < 1% dissem co-arsenides	50004	3	613.3	614.2	0.9			0.02	100
		@ 614.7 Fracture at 25°; smeared with 5% cobaltite	50005	5	614.2	615.2	1.0'			0.02	165
		@ 615.4 as above	50006	5	615.2	616.3	1.1'			0.02	108
617	622	fragments silicified to creamy-green colour; black fine grained matrix; 2% fine dissem py throughout								-	
		@ 622 to 623 py-chl rich seam 1/8-1/2" wide sub parallel to c.a; 10% fine dissem py	50007	7	622	623.1	1.1'			0.09	32
			50008	2	623.1	624.4	1.3'			0.46	32
622.6	626.3	many pk cal veins 1/32" to 1/8" wide all at 45° to c.a; some very irreg + discontinuous; 1% fine specks py + cpy trace of arsenides in veins + wall rock	50009	1	624.4	624.9	0.5'			1.74	45
			50010	2	624.9	625.7	0.8'			0.65	30
		@ 624.7 co-arsenide seam 1/16" wide at 35°								tr	11
		@ 626.8 pk-grey cal vein 1/8" wide at 25° to c.a; 25% massive cobalt arsenides; cut by similar vein at 50° in opposite direction (almost perpendicular) → no mineralization	50011	<1	625.7	626.7	1.0'			15.08	25
			50012	10	626.7	627	0.3			23.34	43
		@ 627.2 pk-grey cal vein 1/10" wide at 30°; speckled with fine chl; Several microfractures to vein with several blebs co-arsenides, a few specks of arsenides in the 1/10" vein	50013	<1	627	627.5	0.5				

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources Inc

HOLE NO. P-86-28 SHEET NO. 14/15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Ag OZ/TON	ASSAYS Au ppb OZ/TON
624.8	639.7	rhyolite (very slightly porphyritic) dotted with 1-5% fine dissem specks py + cpy									
	@	629.2 pk cal veinlet 1/10" wide at 50°	50014	3	627.5	629.2	1.7'			0.28	21
629.4	630.1	irreg pk cal vein 3/16" - 1/4" wide at 13° to c.a ; several irreg blebs chl + qtz ; trace of fine sulfides	50015	<1	629.2	630.1	0.9			0.18	18
	@	631.8 pk cal veinlet 1/16" at 45°									
632.3	633.6	many very irreg wt cal microfractures of many orientations ; 1-3% fine dissem py + cpy along these fractures ; trace of arsenides	50016	2	632.3	633.6	1.3'			0.30	30
633.6	634.3	irreg pk - wt cal vein 7° to c.a 1/8" - 3/16" wide ; dotted with irreg chl + qtz blebs ; trace of fine sulfide specks	50017	<1	633.6	634.3	0.9'			0.02	15
635.7	636.9	3% fine dissem cpy + py	50018	3	635.7	636.9	1.2'			0.16	18
	@	636.4 wt cal fracture at 25°									
	@	636.7 wt cal veinlet at 55°									
	@	637.5 wt cal veinlet at 30°									
637.6	639.7	heavily fractured core									
639.7	666	DIA BASE									
639.7	644.5	light green ; many light pk - wt cal fractures + veinlets at 25 -45°									

DRM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-28 SHEET NO. 15 / 15

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	@	642.7 pk cal vein 1/8" at 43°									
	@	642.8 as above 1/4" wide									
644.5	648.6	fine grained black diabase									
648.6	666	medium grained diabase									
	@	648.6 pk cal vein 1/16" - 1/4" wide at 29° ; barren	50019	—	648.5	649	0.5'			0.02	14
	@	650.3 pk cal vein 1/4" wide ; bordered by chl rim ; vein at 40°	50020	—	650.3	651.1	1.1'			0.02	8
	@	650.7 pk cal - qtz vein 1/8" - 1/4" wide at 40° ; mottled appearance ; slightly braided ;									
	@	659.2 light pk cal vein 3/16" wide at 35° ; chl border									
	@	660.3 wt cal vein 1/8" wide at 22°									
EOH	666										

FORM 2

DIAMOND DRILL RECORD

17 samples

Corrected

NAME OF PROPERTY Proteus Resources Inc
HOLE NO. P-86-29 LENGTH 756
LOCATION South Grid 543 W 368 S
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH 048 DIP -50
STARTED June 5/86 FINISHED June 11/86

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
751	-41	057			
551	-43	050			
351	-43	050			

HOLE NO. P-86-29 SHEET NO. 1
REMARKS _____
LOGGED BY R. Cinits.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
0	104	Casing									
0	97	OVERBURDEN									
97	748	VOLCANICS									
97	261	Feldspar porphyritic andesite-rhyolite? light green with cream euhedral - subhedral feldspar phenocrysts; dotted with black mafic specks									
97	127	very heavily fractured + broken core (possible fault) many light pink cal. - qtz veins + veinlets 1/32" - 1/4" wide; most at 40°-50° to c.a; several sections of rubble									
124	125	several irreg py rich stringers + pk cal veinlets with fine specks py + cpy; @125 pk cal veinlet 1/16" wide at 40°; 20% anhedral masses cpy	50022	2	124	125	1.0'				
127	149	moderately to heavily fractured + broken core; a few rubbly sections; many light pk cal-qtz veins as before @145.5 fragment of pk cal-qtz vein; 10% anhedral masses py + cpy									

LANGRIDGES – TORONTO – 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-29 SHEET NO. 2/

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
149	160	lightly fractured core ; a few pk cal - qtz veinlets at 45° ; groundmass becomes darker more aphanitic
155	156.2	15% fine dissem py
160	208	lightly to moderately fractured + blocky core many light pk cal veinlets + fractures as before
	@	195.6 very irreg pk - wt cal vein ; 1/4 - 3/4" wide ; braided - dotted with ± 2% fine specks py + spec hem.
208	240	lightly to moderately fractured as before but very few qtz - cal veinlets
	@	217.5 Silicious seam 3/4" wide at 70° ; dotted with 10% fine specks py
240	306	very heavily fractured core ; a few rubbly sections
246	250	many very irreg wt cal microfractures ; 1% fine specks py dissem throughout core
261	284	andesite (non - porphyritic)
266	270.5	many very irreg wt cal veinlets + microfractures in many orientations ; 1% fine dissem py throughout
	@	277.2 pk cal - qtz vein 1/4" wide at 65°

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	OZ/TON	OZ/TON	
50023	15	155	156.2	1.2'					

DRM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-29 SHEET NO. 3/

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	@	277.3 as above ; heavily K-altered									
	@	280.3 pk-cal-qtz vein 1/4" wide at 25° ; < 1% anhedral blebs & fine dissem py & cpy									
281	286	< 1% - 2% fine dissem py									
284	404	intermediate flow breccia light red to green felsic to intermediate fragments in dark green fine grained mafic groundmass									
286	304	several irreg + discontinuous pk cal-qtz stringers + veinlets < 1/32" - 1/4" wide most at 25° to 35° to c.a ; dotted with fine specks chl									
	@	295.2 pk cal vein 1/4" wide at 20°									
2952	2965	1% euhedral - subhedral fine cubes py	50024	5	293.2	293.5	0.3'				
	@	299.3 pk cal vein 1/4" wide at 70°									
		35% fine dissem py ; intensely hematized ; + chloritized ; very mottled appearance (possible arsenides ?)									
306	316	very badly broken core ; rubble → fault ?									
306	306.5	several irreg pk cal veinlets at many orientations ; tr of fine dissem py throughout									
306	341	lightly fractured core									
306	341	many very irreg + discontinuous pk cal-qtz									

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-2a SHEET NO. 41

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
		veinlets + fractures 1/32" – 1/4" wide range from 20° – 65° to c.a; dotted with fine specks py; many with anhedral masses of magnetite									
346	377	very lightly brecciated (ie/ hard to distinguish fragments + groundmass); several wt cal – qtz veinlets 1/32" – 1/4" wide at 20° – 30° to c.a									
		@ 354 light pk cal veinlet 1/16" at 25°									
		@ 355.6 very irreg wt cal vein subparallel to c.a; 1/8" wide; discontinuous									
358	373	several irreg + discontinuous pk – wt cal veinlets ∠ 1/32" – 1/4" at 40 – 45° to c.a									
372.5	374	broken core									
		@ 374.6 pk cal vein 1/4" wide at 43°; speckled with fine chl									
377	404	more siliceous + rhyolitic fragments in breccia									
		@ 3837 wt cal – chl vein 1/8" wide at 50°									
385	404	lightly microfractured + filled with wt cal.; light green sericitization; ∠ 1% fine dissem py									
404	419.4	feldspar porphyritic andesite – rhyolite; many light green – green subhedral – euhedral feldspar phenocrysts; lightly microfractured + filled with wt. cal + chl., moderately broken core									

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus 1 Lessures

HOLE NO. P-85-29 SHEET NO. 5/

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
419.4	486.2	flow bx									
421.8	424	heavily fractured core; red hematite stain along fractured surface									
424	428	lamprophyre dike; from 425 - 426 cut by many pk - cal - epidote veinlets 1/32" to 1/8" at 45°									
430.4	438	lamprophyre									
		@ 429.1 pk cal vein 1/8" at 35° dotted with pk chl specks									
		@ 433.6 pk cal vein 1/4" at 45°									
435	438	several irreg pk to wt cal veinlets 1/32" - 1/8" at ≃ 40°									
438	441	heavily altered; many light green speck epidote trace disseminated py									
447	455	moderately fractured core; intense red staining along fracture planes (subparallel to c.a + 45°)									
		@ 447 vuggy wt cal vein 1/16" - 1/8" wide at 60°, becoming subparallel to c.a; barren									
452	455	many pk cal - epidote veinlets 1/32" - 1/16" at 30°									
455	461	very badly broken core; rubble; red stained throughout; pervasively carbonatized fault ?									

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-29 SHEET NO. 6/

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
461	466	moderately fractured core									
	@	465.2 epidote veinlet at 27°									
	@	469.1 pk cal veinlet 1/16" at 30°									
	@	469.4 pk cal veinlet 1/10" at 30°									
469.3	470.4	mildly sheared zone? at 45° (opposite to above veinlets (veinlet cut across shear); heavily altered light cream to green; several pk cal microfractures at 30°									
	@	469.8 pk cal vein 1/4" wide at 30° bordered by talc + chl; barren	50025	—	469.7	470	0.3'				
	@	470.9 pk-purple cal vein 1/10" at 45°									
470	473	many irreg blebs light green c felidspar									
473	482	red rhyolitic fragment in dark green matrix; < 1% dissem py									
482.1	482.5	10% fine dissem py as irreg stringers at 50°	50026	10	482.1	482.5	0.4'				
486.2	515.7	lightly-porphyritic rhyolite									
481.2	509	moderately to heavily fractured core; several light pk cal fractures + veinlets; moderately K-altered; < 1% dissem py									
	@	494.7 + 494.9 epidote veinlet 1/8" at 35°									
	@	495.1 wt qtz vein 1/2" wide at 35°; intense K-altered halo									

DRM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources Inc

HOLE NO. P-86-29 SHEET NO. 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
		@ 514 light pk cal veinlet 1/10" at 38° - becoming subparallel to c.a									
515.7	645.8	intermediate flow by as before									
516	516.7	several pk cal -epidote stringers 1/16" at 25°									
		@ 518.3 pk cal - chl vein 1/4" wide at 40°; speckled with 2% fine py + cpy									
		@ 518.6 irreg, braided pk cal veinlet; brecciated; 1/32 - 1/8" wide at 40°; barren									
520.2	521.3	several irreg pk - wt cal veinlets 1/16" at 30 - 40°									
		@ 526 pk cal veinlet 1/10" wide at 25°; small pk cal gashes coming out of vein perpendicular to it; barren									
527	533.1	silicified + dotted with anhedral light cream-green feldspar; < 1% py dissem throughout									
		@ 529.5 light pk cal vein 3/16" wide at 32°;									
532.3	533.1	5% dissem py; at 532.6 wt cal veinlet 1/10" at 50°; 10% py in surrounding core	50027	5	532.3	533.1	0.8'				
		@ 533.8 pk cal -chl vein 1/8" at 35°, several irreg blebs chl									

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-29 SHEET NO. 8/

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
	@	540.4 smokey qtz vein 1/8" at 40°; dotted with fine chl + epidote; 5% anhedral blebs mt.										
	@	543.1 pk cal - qtz vein 3/8" wide at 40°; many irreg blebs chl; 1% fine disser py. cpy; 1% anhedral specks mt										
546.8	547.6	several epidote veinlets 1/16" wide at 40°; many light green epidote specks										
	@	547 very irreg grey brecciated carb vein 1/16" - 1/4" at various orientations; intense red Fematite stained										
	@	559 very irreg wt cal - qtz vein 1/8" - 1/4" wide at 20°; very heavily chloritized; many irreg blebs mt + py (5%)										
559.5	568	dotted with many irreg light green specks										
577.5	582	several wt. cal - epidote veinlets ∠ 1/16" wide at 35°										
	@	580.5 smokey qtz vein 3/16" wide at 35° bordered by fine chl.; 2% anhedral masses py										
586	602	moderately fractured core; several light pk cal epidote veinlets 1/16" wide at 40° - 50°										
	@	591 wt cal veinlet 1/16" - 1/8" at 20° trace of fine cpy; 5% py	50028	3	600.4	601.3	0.7'					
	@	600.4 cal. fracture at 12°∧; 25% - cpy smeared along fracture plane; 1% co-arsenides; 5% sulfides disser into surrounding wall rock										

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-29 SHEET NO. 9.1

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
601.3	603.2	several irreg fractures at low angles; with 5% dissem + anhedral blebs py and < 1% cpy; heavily chloritized										
609	614	moderately silicified; 1% fine dissem py										
	@	613.4 py rich seam 1/4" wide at 35°	50029	5	613.3	613.7	0.4'					
		40% fine dissem py; 1% cpy; possible trace co-arsenides										
614	616	bleached light cream to green										
615.7	621	several light pk-wt cal fractures + veinlets at 25°										
622	628.7	many very irreg py-chl seams 1/32" - 1/4" wide at many orientations; discontinuous; also 2% fine dissem specks py throughout core; groundmass: black, aphanitic, silicified	50030	3	622	623.5	1.5'					
		several wt. cal fractures + veinlets										
631	636.5	lamprophyre dike; several very irreg pk brecciated + braided cal veins 1/32" - 1/4" at 40°; barren										
645.8	656.2	red porphyritic rhyolite; lightly fractured core										
656.2	660.3	rhyolite slightly porphyritic; dark grey										
660.3	662.6	porphyritic rhyolite; slightly red										
662.6	672.7	breccia; silicified cream coloured fragments in black aphanitic groundmass; clotted with light cream-green specks										

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Protector Resources

HOLE NO. P-86-29 SHEET NO. 10

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
		@ 671.8 several wt - light pk cal veinlets 1/10" wide at 38°; dotted with fine specks chl.; K-altered halo										
672.7	689.7	porphyritic rhyolite										
672.7	681	red rhyolite										
		@ 674 qtz vein 3/16" wide at 35°; many fine speck - stringers chl. < 1% py.										
		@ 675 broken fragments of pk cal vein 1/8" wide; < 1% py specks										
675	702	moderately fractured core										
681	689.7	grey - black rhyolite										
683.5	683.7	many pk cal veinlets 1/32" - 1/8" at 45 - 50°; barren										
683.6	684.2	many very irreg smoky qtz veins at many orientations; heavily chloritized throughout 5% anhedral masses py	50031	5	683.6	684.2	0.6'					
689.7	697.1	diabase dike; light green; several irreg epidote blebs throughout										
697.1	711.9	breccia as at 662.6										
		@ 703.9 brecciated + bruicked light pk cal vein 3/4" wide at 30°; intensely clotted with fine chl + talc; < 1% fine specks cpy + py	50032	< 1	703.9	704.5	0.6'					
		@ 705 irreg pk cal vein 1/8" wide at 45°										

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-29 SHEET NO. 11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
710.9	712.5	Several irreg pk cal -chl veinlets 1/8" wide at 45°; 5% fine dissem + anhedral blebs py throughout	50033	5	710.9	711.4	0.5				
		@ 711.6 very irreg wt cal -chl vein 1/16 - 1/8" wide at 65°; 3% fine specks co-arsenides; 5% fine dissem py + cpy	50034	5	711.4	711.7	0.3				
711.9	717.2	red porphyritic rhyolite; several irreg wt cal fractures at 40-50°; 1% fine dissem py, cpy									
717.2	719.3	diabase dike									
719.3	720.7	black porphyritic rhyolite									
720.7	726.8	diabase dike									
		@ 720.7 qtz pk cal vein 1/2 - 3/4" wide parallel to c.a; mottled appearance; 5% euhedral needles hornblende; < 1% fine specks py									
726.8	742	dark green-red porphyritic rhyolite									
726.8	733	many very irreg wt cal veinlets + fractures at low angles to c.a (35° - 10°); < 1% fine dissem py throughout	50035	< 1	726.7	728.1	1.4'				
		@ 728.3 cpy rich seam 5/16" - 1/2" wide at 60° to c.a; 5% dissem co-arsenides mixed in with 90% cpy	50036	10	729.1	728.6	0.5'				
			50037	< 1	728.6	729.5	0.9'				

DIAMOND DRILL RECORD

NAME OF PROPERTY Prosperity Resources Inc

HOLE NO. P-86-29 SHEET NO. 12/

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	@	729.4 pk cal vein 1/8" wide at 45°; dotted with irreg specks chl ∅, 1% anhedral blebs cpy; trace of arsenides?									
	@	736.2 pk cal vein 1/8" – 1/4" wide at 20°; 10% anhedral blebs + specks chl; trace of fine sulfides	50038	tr	736.1	736.6	0.5				
739.1	756	very heavily fractured core									
742	748	flow breccia; red stained fracture surfaces									
748	756	DIABASE; very heavily jointed + fractured core									
EOH	756										

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources Inc N. Cobalt
HOLE NO. P-86-30 LENGTH
LOCATION South Grid 410 W 620 S
LATITUDE DEPARTURE
ELEVATION AZIMUTH 048° DIP -50°
STARTED June 11/86 FINISHED

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. P-86-30 SHEET NO. 1/
REMARKS

LOGGED BY R. Cinits

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
0	34	Casing									
0	30.5	OVERBURDEN ; clay mostly									
30.5	148.7	SEDIMENTS									
30.5	62	conglomerate ; many granitic boulders + pebbles set in fine grained dark green groundmass ; also silicious + porphyritic boulders + pebbles ; many wt - light pk ± cal veinlets 1/32" - 1/8" at 45 - 50° ; many in granite boulders									
45.5	46.5	many veinlets as above ; slightly brecciated									
		@ 53.7 irreg + braided wt - grey cal vein 3/16" wide at 43°									
		@ 55.5 wt brecciated cal vein 5/16" wide at 40° ; slightly vuggy									
62	148.7	conglomerate ; less granite boulders , more porphyritic rhyolite fragments + groundmass ; several irreg wt - pk cal fractures + veinlets ∠ 1/32" - 1/5" wide at 40 - 50°									
		@ 80.6 vuggy wt cal vein 1/8" at 30°									

LANGRIDGES – TORONTO – 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources Inc

HOLE NO. P-86 - 30 SHEET NO. 2/

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
148.7		VOLCANICS									
148.7	161.1	rhyolite ; lightly microfractured with wt cal. ; speckled with black chloritic specks throughout ; 1% fine dissem py									
	@ 161	pk cal. vein 3/4" wide ; mottled with wt. qtz. ; several irreg stringers of chl within vein ; < 1% fine specks py vein at 40°	50039	< 1	160.9	161.2	0.3'				
	@ 159.6	pk cal veinlet 1/8" at 45° ; speckled with 20% irreg blebs chl									
161.1	175.1	intermediate flow by ; rhyolitic - andesitic fragments set in dark green fine grained groundmass ; 1% dissem py ; heavily silicified									
162.5	170	many wt to pk discontinuous cal veins 1/32" - 1/8" at 40 - 50°									
164.4	165.5	badly broken core									
170.8	171.2	10% dissem py in an irreg stringer 1/2" wide at 54° @ 171	50040	10	170.8	171.2	0.4'				
		irreg wt cal veinlet 1/16" wide at 54°									
	@ 172.4	wt cal vein 1/4" wide at 60°									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. P-86-3C SHEET NO. 3

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	@	175.1 pk cal vein 3/8" - 3/4" wide at 40° ; many irreg blebs wt. cal. ; < 1% fine specks py									
175.1	186.8	rhyolite ; 1% fine specks py									
	@	177.7 pk cal - chl veinlet 1/8" wide at 45°									
	@	184.3 py rich seam 1/4" wide at 30°) 3% fine dissem py in wall rock	50041	5	184.2	184.6	0.4'				
186.8	200.8	flow breccia ; very strongly silicified ; light green - light red fragments in light green to dark green aphanitic groundmass ;									
186.8	196.7	1-3% fine dissem specks py									
	@	187.9 smokey wt qtz vein 1" wide at 75° ; 5% anhedral masses py ; 5% fine specks + euhedral blocks mt ; 5% irreg blebs pk cal + chl.									
	@	188.1 irreg pk cal - chl vein 1/8" wide at 38°									
188	213	several very irreg wt to pk cal fractures + veinlets < 1/32" - 1/8" at various orientations									
	@	194.5 pk cal vein 3/8" wide at 35° ; several irreg qtz blebs ; < 1% fine specks sulfides ; heavily chloritized border	50042	< 1	194.4	194.7	0.3'				

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. 0-26-30 SHEET NO. 4/

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
196.7	198.1	increased amt of dissem py ; 10 % as very irreg stringers at 50° and fine dissem specks ; strongly silicified breccia	50043	10	196.7	198.1	1.4'				
198.1	201.7	1-3 % fine dissem py	50044	2	198.1	199.7	1.6'				
201.7	202.7	40 % py as fine dissem & stringers up to 1/2" wide at 40° - 50°	50045	2	199.7	201.7	2.0'				
			50046	40	201.7	202.7	1.0'				
202.7	204.2	many very irreg wt. - light pk cal veinlets 1/32 - 1/8" wide ; heavy K-altered ; 15 % fine dissem py throughout	50047	15	202.7	204.2	1.5'				
			50048	10	204.2	205.7	1.5'				
204.2	205.7	10 % py as irreg stringers at 50-60°									
201	206.8	moderately fractured core									
206.8	212	porphyritic rhyolite ; light red ; very heavily fractured at 35° ; many wt cal microfractures as well									
209.6	211.1	many pk cal veinlets 1/32" - 1/8" at 40°									
212	239	intermediate flow breccia ; 1% dissem py									
212	220	heavily fractured core ; a few rubbly sections									
224	249	heavily fractured core fault?									
223	235	very heavily silicified									
234.1	234.9	10 % fine dissem py as irreg stringers at 45°	50049	10	234.1	234.9	0.8'				

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Pioneer Resources

HOLE NO. P-86-30 SHEET NO. 5/

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
239	241	light red feldspar porphyritic rhyolite ± andesite									
239	241	many light pk cal microfractures + veinlets; very irreg, many orientations; < 1% fine specks py ?									
241	243.3	porphyritic rhyolite - andesite - q-f-p									
2546	255.3	mafic dike; contact at 50°; 8" of intense k-alteration on both sides									
257	267.5	many light green epidote altrd feldspars @ 276.8 pk cal vein 1/8" wide at 58° 1% anhedral specks cpy									
277.3	281.8	diabase dike } wall rock has intense k-alteration									
284.3	286	diabase dike }									
289	291	diabase dito }									
293.3	404.5	porphyritic rhyolite - andesite; dark green; many subhedral feldspars cream-green									
294	298	intense k. alteration; several very irreg mt rich seam subparallel to c.a; 1/16"-1/8" wide; 3% anhedral blbs + specks of py throughout									
298	313.5	several wt - light pk cal fractures + veinlets various orientations; < 1/32 - 1/16" wide									
303	306.6	diabase dike; contact 45°									

DIAMOND DRILL RECORD

NAME OF PROPERTY Protector Resources

HOLE NO. P-86-30 SHEET NO. 5/

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
	@	315.3 pk cal veinlet 1/10" wide at 40°										
316	317	mafic dike										
	@	324.3 2 wt to grey cal veinlets 1/10" wide, one at 57°, one at 35°, opposite orientations										
	@	325 smokey wt. qtz vein 5/16" wide at 40° dotted with irreg blebs chl.										
325	332	increased amt. of anhedral green - creamy feldspars										
327	332	many wt cal veinlets 1/32" - 1/4" wide at 45° - 70°; many are braided and contain 1% anhedral specks py										
	@	329.8 vuggy wt cal vein 1/4 - 1/2" wide at 80°; barren										
	@	332.9 irreg light pk cal veinlet 1/16" at 38°; extremely heavily chloritized wall rock; < 1% py										
336.3	337	several irreg wt cal veinlets < 1/32" - 1/8"										
338.4	342	lamprophyre? dike; contact 70°; pk - altered wall rock										
	@	344.5 irreg wt cal veinlet 1/16" at 42°										
	@	343.5 wt qtz vein 3/8" wide at 72°; many irreg blebs chl										
	@	355.5 pk cal - qtz - chl vein 1/4" wide at 70°; 5% anhedral blebs py + mt.										

DIAMOND DRILL RECORD

NAME OF PROPERTY Pinetree Resources

HOLE NO. P-86-30 SHEET NO. 7

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	@	356.4 wt qtz vein 3/4" wide at 40°; many irreg fblbs chl.; 5% anhedral masses py + mt									
	@	358.9 pk cal veinlet 1/8" wide at 45° moderately chloritized									
	@	359.9 irreg + discontinuous py rich seam 1/32" - 1/2"; 20% anhedral masses + specks py at 40°									
	@	363 qtz vein 1" - 1½" wide at 45°; several pk cal stringers cutting through vein at 35° (same orientation); 5% irreg chl blebs; 5% anhedral masses py + mt.									
	@	364 wt cal veinlet 1/8" at 60°; branches off to become sub parallel to c.a									
	@	365.4 wt cal veinlet 1/8" at 30°; branches off to subparallel; 5% fine specks py in vein + wall rock									
366.5	371	several very irreg wt - pk cal fractures + veinlets at various orientations; 1% fine dissem py in core									
	@	368.5 pk cal vein 1/8" wide at 35°; 3% black specks									
	@	369.8 grey brecciated carbonate vein 7/8" wide at 58"; 1% fine specks py									

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus [illegible]

HOLE NO. P-86-30 SHEET NO. 8/

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	@	385.9 pk cal - talc vein 1/8" wide at 50° ; K-altered halo									
	@	393.4 chl rich seam 1/4" wide at 5° to c.a ; 5 % subhedral cubes py									
404.5	430.5	intermediate flow breccia ; many red rhyolitic fragments in dark green fine grained groundmass									
419	426	red stain along fracture surfaces at 40-50°									
	@	424.5 epidote - chl vein 1/4" wide at 40°									
430.5		feldspar porphyritic andesite - rhyolite ; many light green - cream subhedral feldspars ; black aphanitic groundmass ; moderately fractured core									
437	438	many very irreg wt cal veinlets + fracture of many orientations → mildly brecciated zone; 2 % fine specks py ; K-alteration ; possible trace arsenides	50050	2	437	438	1.0'				
438	442	2-5 % fine dissem py ; several pk cal veinlets 1/16" at 30°									
440	456.4	flow breccia ;									
440	445	heavily silicified									
	@	448.7 py rich seam 1/8" - 1/4" wide at 55°									
450.4	455.5	lightly to moderately fractured core									
450.4	457	many light green epidote veinlets 1/32 - 1/4" wide at 40°-55°									

DIAMOND DRILL RECORD

NAME OF PROPERTY Proto... Reso...

HOLE NO. P-86-30 SHEET NO. 9/

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
456.4	455.5	feldspar porph andesite - rhyolite										
455.5	466	Sand-sized rubble → fault intense red stained throughout										
466	475	diabase ; many irreg blebs + stringers light green epidote										
475		badly broken core ; several rubbly sections red stained throughout										
475		intermediate flow bx ; several very irreg wt-pk cal fractures + veinlets										

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources N. Cobalt
HOLE NO. P-86-31 LENGTH 624
LOCATION South Grid 283 W 459 S
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH 048 DIP -50
STARTED June 16/86 FINISHED June 19/86

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
419	-45	052			
619	-42	055			

HOLE NO. P-86-31 SHEET NO. 1/13
REMARKS _____
LOGGED BY R Cinits

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
0	24	Casing									
0	28.4	OVERBURDEN									
28.4	59.4	SEDIMENTS ; conglomerate ; many granitic boulders , siliceous + rhyolitic fragments ; lightly fractured									
59.4	560.5	VOLCANICS:									
59.4	87	rhyolite to rhyolite breccia									
59.4	69	pronounced chlorite spotting ; 1% fine specks py									
59.4	61.7	Several wl qtz veins 1/8" - 1" wide 30-35° to C.a ; many irreg blebs chl + pk cal ; moderate sk - alteration throughout									
66.2	67.5	several pk-cal - qtz veinlets 1/32" - 1/4" at 40° ; 1% fine specks py in wall rock									
69	72	[illegible]									

LANGRIDGES – TORONTO – 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-31 SHEET NO. 2/13

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
64	87	heavy chlorite spotting										
78	79.5	heavily fractured										
87	90	lamprophyre dike ; many irreg wt - pk cal veinlets & fractures 1/32" - 1/8" ; many orientations @ 87.5 pk cal vein 1/4" wide at 25°										
	@	90 irreg pk cal - chl vein 3/4" wide at 60° bordering dike ; many irreg qtz blebs										
90	103.4	rhyolite ; light green with many fine black mafic specks; (chlorite)										
90	96	heavily fractured core										
90	112.5	several irreg pk - wt cal microfractures & veinlets										
103.4	112.5	rhyolitic breccia ; light cream to green siliceous fragments with black fine grained chl specks & blebs throughout ; 1% fine disem py										
	@	105.9 pk cal vein 1/8" at 45°										
	@	107.9 pk cal vein 3/8" at 45°										
	@	110.3 pk cal veinlet 1/10" at 35°										

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-31 SHEET NO. 3/13

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS Ag %	ASSAYS Au %	ASSAYS Ag oz/ton	ASSAYS Au ~~oz/ton~~	ASSAYS Au ppb
112.5	122.5	badly broken core ; rubble ; fault ?			112	125	sludge					
112.5	137	lightly porphyritic rhyolite ; several light pk cal. fractures + veinlets < 1/32" - 1/8" at several orientations ; most ≈ 50°										
	@	134.8 fracture at 60° ; smeared with 5% irreg blebs cobaltite	50056	< 1	134.7	135	0.3			tr	23	
	@	136.2 pk cal - qtz vein 3/8" wide at 35° ; slightly vuggy ; trace fine specks py								tr	15	
	@	136.7 pk cal vein 3/4" wide at 35° ; slightly brecciated ; 3% fine disem specks cpy, py ; trace fine specs arsenides	50057	< 1	136	136.6	0.6'			0.09	38	
			50058	1	136.6	137.1	0.5'			0.30	82	
137	179.5	intermediate flow breccia										
137	143	many irreg pk cal fracture + veinlets many orientations ; < 2% fine specks py cpy disem throughout wall rock										
	@	144.7 irreg pk cal veinlet 1/8" wide at 15° ; 1% irreg blebs py + fine disem specks cpy										
	@	147.4 pk cal vein 3/16" wide at 40° spotted with fine chl										
	@	148.1 pk cal veinlet 1/16" at 22°										

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-31 SHEET NO. 4/13

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
137	178	several pk cal fractures to veins 1/32" - 3/8" wide; most at ≈ 50°; some very irreg & discontinuous									
		@ 148.8 pk cal 5/16" wide at 53°									
		@ 153.1 pk + wt cal vein; 1/4" wide at 50°; mottled appearance									
		@ 167.8 pk cal vein 3/8" wide at 55° ∠1% fine specks py & cpy	50059	∠1	167.8	168	0.2'			002	111
179.5	185.5	porphyritic rhyolite-andesite; many anhedral light green epidote specks									
		@ 183.4 wt cal veinlet 1/16" wide at 42°; 1% euhedral cubes galena	50060	∠1	183.3	183.6	0.3'			0.02	18
185.5	202.6	intermediate flow by									
		@ 293.2 wt, cal vein 3/16" wide at 55°; bordered with rusty red hematite; ∠1% fine specks py									
		@ 298.5 pk cal vein 1/4" wide at 35°; ∠1% specks fine py + cpy									
		@ 299.8 pk cal 1/8" wide at 60°									
		@ 201 brecciated wt cal vein 3/8" wide at 55° in of cuttings									
		@ 201.3 pk cal 1/16" at 52°									
202.6	223.5	[illegible]									

DIAMOND DRILL RECORD

NAME OF PROPERTY Protrus Resources

HOLE NO. P-86-31 SHEET NO. 5/13

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS Au %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS OZ/TON	
	@	204.1 light pk cal. vein 1/8" - 1/4" at 45°; bands with thin chl stringers; < 3% anhedral blebs py, ml, spec hem										
	@	204.8 as above at 35°										
	@	207.1 irreg wt cal vein 1/4 - 1/4" wide at 50°; 50% fine dissem + anhedral py blebs; heavily chloritized	50061	30	207.1	207.4	0.3'			0.04	0.024	oz Au
	@	209.7 pk cal veinlet 1/8" at 50°										
	@	212.5 smokey qtz vein 1/2" wide at 50°; 20% anhedral chl blebs										
	@	218.5 as above										
	@	220.7 as above at 75°										
220.8	232	heavily fractured core										
222.5	302	flow by										
	@	224.7 pk cal vein 1/4" wide at 35° heavily chloritized, 2% fine anhedral specks py + cpy										
	@	238.4 smoky qtz vein 3/4" wide at 50°; 10% anhedral chl blebs; 5% anhedral blebs spec hem + ml., 1% fine spec hem + cpy										
235	242	1% fine dissem py										

DIAMOND DRILL RECORD

NAME OF PROPERTY Pinnacle Resources

HOLE NO. P-86 31 SHEET NO. 6/13

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	ASSAYS
248.1	250.4	lamprophyre dike										
	@ 253.9	py - chl seam 1/4" - 3/8" wide at 60° ; 70% anhedral blebs py										
253	256	< 1% fine dissem py										
261	262.4	altered zone; several wt cal microfractures; moderately h - altered + light green chloritic alm ; 2% fine dissem specks py throughout										
	@ 264.9	wt qtz vein 1" wide at 50° microfractured + filled with red hem stain + green epidote + chl										
	@ 265.8 - 267.6	several ptchal - qtz - epidote veinlets 1/8" at 45°										
	@ 276.7	py - chl seam 1/4" wide at 40° 25% fine dissem py										
302	473	porphyritic rhyolite										
302	304	many subhedral light green feldspars										
304	316	many wt cal + epidote microfractures.										
316	323.3	at 45° ; light - moderate pervasive h - alteration										
	@ 318.6	1/4" smoky qtz vein at 25°; bracketed by epidote										

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-31 SHEET NO. 7/13

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	@	323.3 wt qtz vein 1/2" wide at 45°; many anhedral blebs chl & pk cal stringers; rusty red stain throughout									
323.4	330	heavily fractured core; rusty red stain along fracture surfaces									
	@	336.2 py - chl seam 1/8" - 1/2" wide at 25°; 30% fine speck + anhedral py blebs; from 336 - 337.5 are many very irreg pk cal fractures at many orientations; cut across py-chl-seam	50089	20	336.2	336.7	0.5			0.02	86
336	343.7	many subhedral light green epidote altered feldspars									
343.7	346.2	diabase dike; contact 35°									
346.2	349.2	rhyolite with moderate K-alteration + epidote specks									
	@	348.7 brecciated pk cal vein 3/16" at 43°									
349.2	354.9	diabase dike									
		fine black mafic specks in rhyolite									
354.9		many									
	@	361.2 wt qtz vein 3/4" wide at 45°; mottled with chl, pk cal; < 2% anhedral blebs py + mt									
367.5	368	2% fine [illegible] py									
	@	371.8 pk cal [illegible] 1/2" at 20°; [illegible] anhedral blebs py + mt									

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-31 SHEET NO. 2/13

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
376	385	red. π - alteration										
	@	378 very irreg pk cal veinlet 1/8"										
		speckled with chl; qtz + black mafic specks										
385	404	lightly to moderately fractured core; several										
		pk - wt cal microfractures + veinlets at										
		30-45°										
393.1	394.6	several epidote veinlets 1/16" - 1/8" at 45°										
397	400.5	5% fine dissem py	50062	5	398.5	399.6	1.1'			.14	291	
	@	397.8 pk cal veinlet 1/8" at 30°										
	@	399.2 as above										
	@	399.3 as above										
404	473	rhyolite lightly porphyritic; light grey										
	@	410.1 wt cal - chl vein 1/4" wide at 40°										
	@	415.7 pk cal vein 5/16" wide at 38°										
		speckled with <1% fine chl.										
416	424.6	several pk - wt cal fractures + veinlets										
		< 1/32" - 1/8" at 30-50°										

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-31 SHEET NO. 9/13

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS Ag %	ASSAYS Au %	ASSAYS Au oz/ton	ASSAYS Au ppb oz/ton	
		@ 441.3 - Pink calcite stringer vein (0 -> ¼" wide); discontinuous; chlorite in vein; 13° to c.a.										
		@ 442.3 - Lgt pink to white calcite veinlet (1/16" wide) 25° to c.a.										
		@ 445.75 - Pink & green calcite vein (⅛" wide); chlorite in vein; 52° to c.a.										
448	449	- core badly broken										
		@ 450 - White calcite vein (⅛" → ¼" wide) splits into three veins; chlorite in vein; ∠ 45° to c.a.										
450.6	451.4	- Blebs of pyrite in core some up to ¼" diameter	50063		450.6	451.4	0.8'			0.07	.026	oz Au
451.4	451.9	- Core broken evidence of a vuggy, xtaline white calcite vein; fairly heavy pyrite in wall rock	50064		451.4	451.9	0.5'			.09	107	
451.9	452.9	- wall rock disseminated pyrite esp. in fractures; sauceritsitization? and poss. potassic altn.	50065		451.9	452.9	1'			.18	111	
452.9	454.9	- wall rock poss sauceritsitization	50066		452.9	454.9	2'			.10	41	
460.2	462.2	- several white calcite veinlets @ ≈ 35° to c.a.										.14 / .22
		@ 460.9 pink cal ⅛" wide 35°; trace arsenics	50067	tr	460.9	461.2	0.3'			0.05	40	
		@ 465.5 Lgt pink calcite vein (¼" wide) pyrite and chlorite in vein; 36° to c.a. - disseminated pyrite in wall rock	50068	1	465.5	465.8	0.3'			0.30	82	
			50069	1	465.8	466.8	1.0'			.10	15	

DIAMOND DRILL RECORD

@ [illegible] pink [illegible]
@ 469.3 as above
@ 469.6 fracture at 45°
3% co-arsenides + cpy

NAME OF PROPERTY Proteus Reservoir

HOLE NO. P-86-31 SHEET NO. 10/13

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
473.8	480.2	- mafic → intermediate meta volcanic @ 473.8 - Irregular pink calcite gash veins; chloritic and potassic altern.. @ 476.1 - Lgt pink calcite vein (3/8" wide); barren; 35° to c.a.	50070	1	468.8	469.7	0.9'			0.13	30
477.8	479.2	- Several discontinuous pink calcite veinlets									
480.2	560.5	- Rhyolite porphyry									
480.2	481	- core broken. some evidence of breccia cemented with white calcite - chlorite altern.									
482.6	493	- core moderately to very broken up. - some evidence of white calcite veining @ 495.7 - Lgt pink to white calcite vein (1/8" wide); some chlorite on fracture surface; 60° to c.a.									
		@ 498.9 - Pink - green calcite vein (1/4" wide); pyrite in vein; chlorite in vein and in wall rock; 37° to c.a.	50071		498.7	499	0.3'			.02	12
502	503	- pyrite in small veinlets and disseminated in wall rock @ 508.4 as above									

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-31 SHEET NO. 11/13

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS Au %	ASSAYS Au %	ASSAYS Au oz/ton	ASSAYS Au ppb oz/ton	ASSAYS Au ppb
511	519	- many tiny white to pink calcite veinlets.										
		@515' Pink calcite veinlet (1/8" wide); chlorite on fracture pyrite in vein; 33° to c.a.	50072		514.85	515.3	0.45'			tr	12	
529.5	530	- pyrite in tiny fractures and disseminated in wall rock	50073		529.5'	530	0.5'			.02	21	
532.5'	533.15	- Irregular pink calcite veinlet runs in and out of core pyrite in wall rock and in veinlet	50074		532.55'	533.15	0.6'			.02	23	
		@535 - disseminated pyrite										
		@536 white calcite breccia vein (1 7/8" wide); 20% to 30% rock fragments; hematite stain on wall rock and edging some frags.; < 1% fine specks fx + cfx										
		@540.6 wt cal veinlet 1/16" wide at 40° 3% fine specks cpy	50075	1	540.6	541.2	0.8'			.02	11	
		@541 as above at 45°	50076	<1	542	543.1	1.1'			tr	8	
542	548	heavy altered; sauceritization?	50077	<1	543.1	544.3	1.2'			0.01	18	
542	544	several wt cal veinlets 1/16' - 1/8" at 35° - 55°; < 1% fine specks cpy - trace	50078	<1	544.3	545.7	1.4'			0.09	17	
544	545											

DIAMOND DRILL RECORD

NAME OF PROPERTY Potos Reservoir

HOLE NO. P-86-31 SHEET NO. 12 / 13

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
545.7	547	5% fin dissem specks py + cpy throughout ; trace of arsenides
	@	546.5 wt cal - talc veinlet 1/8" wide at 50° ; 5% irreg blebs co-arsenides and fin dissem specks py ; veinlet is slightly vuggy
	@	547. fracture at 45° smeared with 5% co. arsenides
	@	550.6 pk cal vein 1/4" wide at 40° 40% massive dissem niccolite along with 5% massive co - arsenide
549.5	551.8	1-3% fin dissem specks py, cpy
	@	553 = 553.3 ; 3% fin dissem specks cpy + py
555.1	560.5	many very irreg pk cal fractures + veinlets ∠ 1/32" — 1/8" at various orientations
560.5	624	DIABASE ; well fractured + jointed
	@	565.1 pk cal - qtz vein at 47° 1/4" wide ; [illegible]
569.41	[illegible]	[illegible]

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	Ag OZ/TON	Au ppb
50079	5	545.7	546.4	0.7			0.84	48
50080	5	546.4	546.7	0.3			0.19	36
50081	∠1	546.7	547.7	1.0'			0.29	32
50082	∠1	547.7	549.5	1.8'			0.08	15
50083	3	549.5	550.5	1.0'			0.02	14
50084	20	550.5	550.8	0.3'			2.41	34
50085	3	550.8	551.8	1.0'			tr	12
50086	5	553	553.3	0.3			.12	303
50087	∠1	556.5	557.1	0.6			0.02	11

DIAMOND DRILL RECORD

NAME OF PROPERTY Protest Resources

HOLE NO. P-86-31 SHEET NO. 13 / 13

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	@	578.8 pk + wt cal vein 1/2" wide at 70° ! red hematite stained throughout; 5% anhedral sperks + masses py & cpy ; talc + chl border vein	50088	3	578.7	579	0.3			0.02	12
606	624	very heavily jointed + fractured core									
623	624	extremely coarse grained → gabbroic									
EOH	624										

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources Inc

HOLE NO. P-86-32 LENGTH 636'

LOCATION South Grid 20 W 595 S

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH due N DIP -50

STARTED June 19/86 FINISHED June 24/86

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
221	-43	due N			
421	-38	due N			
621	-35	004°			

HOLE NO. P-86-32 SHEET NO. 1/11

REMARKS _____

LOGGED BY R. Cinits

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS oz/TON (Au ppb)	ASSAYS ~~oz/TON~~
0	34	Casing									
0	34	OVERBURDEN									
34	624.7	VOLCANICS									
34	44.1	rhyolite ; heavily microfractured ; several wt - lt gy pk cal veinlets & fractures									
	@	34.5 - 34.7 many vuggy wt cal veins 1/8" - 1/2"									
34	43.2	heavily fractured core									
	@	37 pk cal vein 1/4" - 5/8" wide at 65°									
		many irreg specks & blebs chl throughout,	50104	<1	37	37.2	0.2'			tr	8
		< 1% subdral masses cpy									
	@	41.2 wt qtz vein 3" wide at 30°									
		10% subdral masses & blebs mt ; 2%									
		subdral masses py ; specks with subdral									
		chl ; many irreg blebs pk cal									
	@	42.7 wt qtz vein 1/4" - 1/2" wide as above									
	@	42.9 wt qtz vein 4" wide at 75°									
		as above at 43.2									

LANGRIDGES – TORONTO – 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources Inc

HOLE NO. P-86-32 SHEET NO. 2/11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
44.1	46.1	mafic breccia ; fine grained mafic ash with subangular feldspar porphyry fragments									
	@	44.2 pk cal vein 1/8" wide at 57°									
46.1	63.2	rhyolite as before									
	@	49.6 wt qtz vein 3" wide at 45° very heavily chloritized + K-altered									
56.9	57.3	mottled pk cal - chl + K-alteration									
63.2	73.2	mafic ash ; extremely chloritic									
	@	63.7 wt qtz vein 5/16" at 50°									
	@	66.5 pk cal - qtz vein 3/8" wide at 55°; 3% anhedral blebs cpy									
	@	67.6 wt qtz vein 3/8" wide at 55° ; 2% blebs mt + py									
	@	68.7 pk cal vein 1/4" wide at 55° 3% anhedral blebs cpy									
	@	69.1 pk cal as above to 1/2" wide	50105	3	69	69.3	0.3			tr	33
70.7	72	many very irreg wt + pk cal veinlets 1/16" - 1/2" ; brecciated in places									
73.2	76	rhyolite ; several microfractures									
	@	74.1 wt qtz vein 1" wide at 60°;									
		[illegible]									
		75.5 [illegible]									

DIAMOND DRILL RECORD

NAME OF PROPERTY: Proteus Resources Inc

HOLE NO. P-86-32 SHEET NO. 3/11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
76	162.6	mafic lapilli tuff; fragments of mafic ash, intermediate volcanics; felsic porphyritic rhyolite + feldspar porphyry set in fine grained chlorite rich mafic ash; fragments slightly elongated at 50° to c.a many are teardrop shaped but range to subangular									
	@ 76.8	very irreg wt-grey cal vein 1/8-1/4" subparallel to c.a									
	@ 83.1	wt cal vein 1/8" wide at 45°; fel hematite stain throughout									
	@ 92.2	as above at 30°									
	@ 95.4	wt barren cal vein 1/4" wide at 20°									
	@ 100.3	wt cal veinlet 1/16" at 45°									
	@ 114.1	wt cal vein 1/4" wide at 22°									
118.5	120	several wt cal veinlets 1/8" wide subparallel to c.a									
	@ 134.1	light pk cal veinlet 1/10" at 52°									
	@ 140.6	as above at 35°									
	@ 155.1	wt cal-talc seam 1/8" at 25°									
	@ 160.3	as above at 50°									
162.6	[illegible]	[illegible]									

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-32 SHEET NO. 4/11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
	@	166.8 wt cal - chl vein 1/10" wide at 40°										
167.4	175.6	mafic lapilli tuff as before										
	@	173.5 red cal. qtz veinlet 1/2" wide at 40°; red hematite throughout										
175.6	178	mafic ash										
176.4	177	several irreg wt cal stringers 1/16" wide at 43°										
178	196	mafic lapilli tuff as before										
	@	187.8 red qtz veinlet 3/16" wide at 28°										
	@	188.3 irreg wt cal veinlet 1/16" - 1/8" at 35°										
	@	189.2 wt cal. talc - chl vein 1/4" wide at 38°										
190.5	194	several very irreg wt cal + qtz veinlets 1/16" to 1/8" at various orientations										
196	198.5	rhyolite (possibly a large fragment ?)										
	@	1965 wt qtz vein 1 1/4" wide at 20°; many irreg blebs chl, pk cal; 5% combined mafics mt + py										
198.5	221.5	mafic [illegible] tuff										
221.6	226	many [illegible] + fractures										

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-32 SHEET NO. 5/11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
		at many orientations ; at 205.6 , heavily brecciated zone 2" wide ; very "crumbly"									
	@	209.5 wt cal - chl vein 1/4" wide at 40°									
211.3	215	several wt cal. veinlets 1/16" wide at various orientations									
	@	218 very irreg pk cal veinlet 1/8" - 1/4" wide at 50° ; braided									
221.5	241	mafic ash									
221.5	252	heavily fractured core ; many very irreg wt. cal fractures + veinlets									
228	241	light blue stain along fractured surfaces at 45° to 50° to c.a			220	250	[illegible]				
237	241	badly brecciated zone ; shear or minor fault?									
241	247	feldspar porphyritic rhyolite									
247	250	mafic ash									
250	260.5	mafic lapilli tuff - breccia									
	@	248 Vuggy wt cal vein with needle - like fragments of pk cal throughout , ∠ 1% euhedral fine py cubes ; vein 1/2" wide at 60°									
260.5	279.9	mafic ash									
	@	[illegible] 1/2 - 1"									

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-32 SHEET NO. 6/11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	OZ/TON	OZ/TON	
		@ 266.5 brecciated wt cal - talc - chl vein 1/2" wide at 73° ;										
		@ 269.3 talc - chl seam 1/4 - 3/8" wide at 25°										
		@ 270.7 as above at 35°										
273.9	274.7	qtz - feld porphyry										
288.7	289.2	many very irreg wt cal - tal fractures ranging from subparallel to ⊥ to c.a										
298.8	302.6	several wt cal - talc veinlets 1/16" - 1/8" at low angles to c.a										
		@ 308.5 irreg wt cal veinlet 1/8" wide at 20°										
309.1	313	many very irreg wt to pk to grey cal veins <1/32" to 1 1/4" wide most at about 45° to ca										
		@ 312.6 grey cal vein 1 1/4" wide at 25° ; bordered by pk cal vein 1/4" wide	50106	-	312.2	313.2	1.0'			tr	15	
313.2	322.6	diabase dike ; contact 25° ; many [illegible] ; red [illegible]										
337.3	351.8	diabase dike contact at 35° ; many epidote fractures at 20° , talc + [illegible] fractured [illegible]										

DIAMOND DRILL RECORD

NAME OF PROPERTY Protrus Resources

HOLE NO. P-86-32 SHEET NO. 7/11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
330	386	moderately to heavily fractured core; several very irreg wt - pk cal veinlets + fractures at many orientations									
		@ 346.8 pk cal - epidote vein 1/8" wide at 22°									
		< 1% oxidized blebs cpy									
		@ 348.2 py seam 1/8" wide at 32°	50107	10	348.2	348.5	0.3			tr	19
		@ 349.1 pk cal - talc - chl vein 3/16" wide at 60°									
		@ 349.9 pk cal vein 1/4" wide at 55°, branching to vein at 25°; py seam 1/8" wide at 70° cut by vein;	50108	<1	349.8	350.5	0.7			0.02	18
		@ 352.4 pk cal vein 3/16" wide at 35°									
351.8	363.4	intermediate ash; heavily fractured many irreg wt - pk cal fractures; light green colour									
		@ 359 pk cal vein 1/4" wide at 30°; many red blebs hematite stain contact 35°									
363.4	382.3	diabase dike; lightly to moderately fractured; red hematite stain along fractured surfaces; many irreg light green epidote blebs									
375	377	very heavily fractured core; intense red stained									
382.3	[illegible]	porphyritic rhyolite									
382.3	434	several wt - pk cal fractures + veinlets									
		[illegible]									

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-32 SHEET NO. 8/11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS Ag %	ASSAYS Au %	ASSAYS Ag OZ/TON	ASSAYS Au ~~OZ/TON~~ ppb
394	399	1% fine dissem specks py									
406.8	408	intermediate tuff									
408	428.8	porphyritic rhyolite									
	@	409.3 wt cal vein 3/16" wide at 50°; 3% dissem py in wall rock									
419	422	many wt-rod qtz. veins ∠ 1/16" to 1" wide; all at 45°; several irreg blebs chl throughout; ∠ 1% fine specks py throughout wall rock									
428.8	431.9	mafic to intermediate ash-tuff;									
428.8	430	very heavily fractured core; several very irreg wt-pk cal veinlets									
431.9	540	rhyolite									
431.9	434	heavily microfractured									
434	534	several wt-light pk cal microfractures at many orientations; trace py dissem throughout									
	@	443.4 pk cal vein 1/8" wide at 50°; ∠ 1% fine specks py in wall rock	50109	—	433	437	0.3			0.12	21
	@	454.5 pk cal vein 1/8" wide at 20°									

DIAMOND DRILL RECORD

NAME OF PROPERTY Pinetree Resources

HOLE NO. P-86-32 SHEET NO. 9/11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	@	456.6 pk cal vein 1/4" wide at 50°; rimmed by chlorite; < 1% anhedral blebs cpy; = possible continuation of vein in P-86-31?	50110	< 1	456.1	457.1	1.0'			0.02	45
	@	456.9 pk cal veinlet 1/8" wide at 40°, opposite to above vein									
456.1	457.1	< 1% fine specks py + cpy in wall rock									
	@	460.2 mottled pk cal-qtz vein 1/8" wide at 32°									
	@	474.4 brecciated + braided wt. cal vein 1" wide at 70°; trace of fine py									
487.5	497	several wt cal veinlets < 1/16" - 1/8" at various orientations; speck of arsenopy at 496	50111	tr	495.6	496	0.4			tr	17
	@	500.5 3 wt cal veinlets 1/16" wide at 30°									
	@	508.1 grey carb vein 1/8" wide at 45°									
509	511	very heavily broken core									
	@	511.3 pk qtz-cal vein 1/8 - 1/4" wide at 15°									
	@	514.1 wt qtz vein 3/8" wide at 30°	50112	1	514	514.4	0.4			0.02	17
		2% fine specks sphalerite + cpy + py									
	@	516.3 pk cal-chl veinlet 1/8" wide at 55°									
521.4	522.4	heavily fractured core									
	@	525.1 wispy wt cal vein 3/8" wide at 40°									
	@	530.2 pk cal veinlet 1/8" at 25°									

DIAMOND DRILL RECORD

NAME OF PROPERTY: Proteus Rosouiew

HOLE NO. P-86-32 SHEET NO. 10/11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	@	531 as above									
534	575	several pk cal veinlets 1/16" - 1/8" at 25° - 50°	50113	5	540.5	541.5	1.0'			0.15	70
540.5	561.6	intermediate felsic breccia 1-5% fine dissem py throughout; black aphanitic groundmass; subrounded rhyolitic fragments									
	@	549.4 wt qtz - pk cal veinlet 1/8" wide 15% fine dissem specks py									
	@	554.8 pk cal vein 1/8" wide at 25° speckled with fine epidote + chl									
557	560.4	many epidote + pk cal stringers < 1/16" - 1/2" at 20-30°									
	@	561.7 light pk cal veinlet 1/8" wide at 50°; lightly brecciated + bordered									
561.6	573.7	porphyritic rhyolite									
573.7	586	intermediate volcanic									
	@	582.6 irreg pk cal vein 1/8" - 3/16" wide at 43°; lightly bleached + brecciated									
586	596	felsic intermediate breccia; 1-3% fine specks py + cpy									
586	612	many very irreg pk - wt cal fractures									

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-32 SHEET NO. 11 / 11

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE TOTAL	ASSAYS Ag %	ASSAYS Au %	ASSAYS Ag OZ/TON	ASSAYS Au p.p.b
	@	590.7 wt cal vein 3/16" wide at 50°									
	@	593 wt calc vein 1/8 - 1/4" wide at 22° Several specks of py. cpy + arsenides	50114	< 1	593	593.5	0.5			tr	27
600	604	moderately fractured core ; K-alteration throughout									
	@	605 pk cal vein 3/16" wide at 60° ; nice but barren									
	@	606.7 wt cal veinlet 1/8" at 55°									
	@	608.4 mottled pk cal - qtz vein 1/4" wide at 15° ; trace py, cpy, arsenides	50115	—	608.4	608.9	0.5'			0.02	19
	@	610.1 epidote vein 2" wide at 73°			608 sludge	630					
611	622	heavily fractured + broken core									
614	616	fracture ; parallel to c.a ; smeared with 50% cpy ; trace arsenides ; badly broken core	50116	5	614	616	2.0'			.32	33
624.7	636	DIABASE ; contact 25°									
624.7	629	fine grained chilled margin									
EOH	636										

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources Inc
HOLE NO. P-86-33 LENGTH 526
LOCATION South Grid
LATITUDE ____ DEPARTURE ____
ELEVATION ____ AZIMUTH due North DIP -50°
STARTED June 24 FINISHED Friday June 27

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
221	-44	349			
521	-42	012			

HOLE NO. P-86-33 SHEET NO. 1/
REMARKS ____
LOGGED BY R C[illegible]

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	TOTAL	ASSAYS %	%	Ag OZ/TON	Au ppb
0	68	Casing									
0	60	OVERBURDEN									
60	512.9	VOLCANICS									
60	105	rhyolite									
60	78	very heavily fractured core ; several irreg microfracture throughout									
	@	61.8 pk cal vein 1/2" wide subparallel to c.a ; 60% irreg blebs + blocks red spec hematite + mt. ; < 1% specks py + cpy									
	@	70.3 wt qtz vein 1/2" - 3/4" wide at 30° many irreg blebs chl + pk. cal 5% ankerite masses spec hem, mt, py, cpy									
	@	75.1 as above									
	@	76 as above 1" wide at 40°	50070	< 2	76	76.3	0.3'			tr	17
78	94	several pk cal veinlets + fractures < 1/16" - 1/8" at 40° - 60° ; speckled with < 1% py									
	@	78.7 wt qtz vein 1/4" wide at 75°, < 2% py, cpy									

LANGRIDGES – TORONTO – 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-33 SHEET NO. 2/8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	@	86.8 as above at 50° ; 3/8" wide									
	@	96.5 smokey grey qtz vein 1/4" wide at 55°									
96	142.7	moderately to heavily fractured core									
105	107.3	mafic ash - tuff									
	@	105 pk cal-qtz-chl vein 1/2" wide at 40° ; braided ; < 1% fine py, cpy									
	@	105.6 pk cal vein 3/16" wide at 50° ; bordered by 2% fine specks pyrrhotite py									
	@	106.6 pk cal 1/8" wide at 55°									
107.3	114.6	rhyolite ; light K-alteration									
114.6	117.7	mafic tuff - ash									
117.7	143	rhyolite ; light - moderate K-alteration, < 1% - 2% fine specks py									
		Note : drillers put in wrong footage marker at 138' (they put 146' in) ; all is corrected now									
133	137	[illegible]									
137	143	[illegible]									

DIAMOND DRILL RECORD

NAME OF PROPERTY Porteus Resources
HOLE NO. P-86-33 SHEET NO. 3/8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	TOTAL	%	%	Ag OZ/TON	Au ppb
	@	142.2 smokey qtz veinlet 1/8" wide at 50°									
	@	142.5 broken fragments of pk cal. veinlet 1/8" wide									
			50091	<1	142.1	143.1	1.0'			0.02	107
143	151	mafic tuff - ash									
	@	143.1 pk - wt cal veinlet 1/16" wide at 37° ; <1% fine specks py + arsenides	50092	5	143.1	143.6	0.5'			4.81	67
			50093	<1	143.6	144.6	1.0'			tr	14
	@	143.2 pk - wt cal veinlet 1/8" wide at 45° ; 25% outedral masses co-arsenides									
	@	143.3 as above									
	@	143.5 as above			136	165	sludge				
143.6	151	badly broken core ; rubble ; Fault a few 3" lengths of core									
151	356.5	rhyolite ; several wt cal microfractures at many orientations ; moderately fractured core									
	@	163 pk cal - qtz vein 3/4" wide at 45° ; minor K-alteration									
[illegible]	[illegible]	[illegible] at 60°									
	@	183 [illegible] 1/2" wide [illegible]									

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Reservoir

HOLE NO. P-86-33 SHEET NO. 4/8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
194		rhyolite; fine black chlorite specks throughout; moderately fractured core, several pk. cal fractures; < 1% fine specks py									
	@	214.5 very irreg pk cal veinlet 1/8" wide at 30°									
214.5	217.5	mafic dike; contact 30°; several irreg pk cal. fractures + veinlets < 1/8" wide									
217.5	221	intense red K-alteration									
	@	218.2 pk cal vein 1½" wide at 35°; many fine chl stringers parallel to vein; red hematite stained; 3% fine py specks in wall rock	50094	< 2	218	218.5	0.5'			tr	7
223.2	224.3	mafic dike; contact 40°									
226	248	very broken + fractured core									
239	260.5	diabase dike; 3 foot chill margin									
241	244	brecciated zone; angular fragments in a fine grained rich red hematite rich groundmass — possible fault?									
239	256	several very irreg pk cal veinlets + fractures									
	@	[illegible] ½ - 3/4" wide at [illegible] 5%	50095	1	[illegible]	241	0.5'			0.02	29

DIAMOND DRILL RECORD

NAME OF PROPERTY: Proteus Resources

HOLE NO.: P-86-33 SHEET NO.: 5/8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
		chl; several qtz blebs										
260.5	306	rhyolite to rhyolite breccia										
260.5		many very irreg pK wt cal microfractures + veinlets; 1% fine specks py throughout core (K-feldspar around veinlets)										
	@	270.3 pK cal vein 1/8" - 1/4" wide at 47°; borders small mafic dike 4" wide at same orientation										
	@	290.9 light green to grey very [illegible] seam 2" wide at 22°; very cherty; bordered by 3% fine dissem py 1/8 - 1/4"										
	@	292.2 [illegible] vein [illegible] parallel to c.a. [illegible] [illegible]										
	@	300 wt qtz vein 1/2" wide at 20° [illegible] [illegible] [illegible] [illegible] cal [illegible]										
306	316.7	rhyolite; dotted with fine black mafic [illegible]										
316.7	[illegible]	mafic [illegible] contact 60° [illegible]										
318.7	320	[illegible] at 70°										
		320.1 [illegible]										
351	[illegible]	[illegible] 20°										

DIAMOND DRILL RECORD

NAME OF PROPERTY Probe Resources

HOLE NO. P-86-33 SHEET NO. 6/8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
356.5	360.8	mafic ash; extremely soft + chloritic; many very irreg wt cal stringers + veinlets <1/16" – 1/4" wide; all cut low angles to c.a.										
[illegible]	490	physical [illegible]										
360.8	400	heavily fractured core to moderately fractured @ 364.1 smokey wt qtz vein 1/2" wide at 35°; many irreg chl blebs										
364	416	many very irreg wt + pk cal fractures + veinlets at many orientations <1 – 3 % fine dissem py throughout										
369.3	374.[illegible]	2 - 5 % fine dissem py along irreg microfractures + dissem throughout; several pk cal veinlets @ 371.9 irreg pk cal vein 1/8 - 1/4" wide; < 2 % fine py in vein + [illegible]; at 35° surrounding wall rock; vein [illegible]	50096	4	369.3	370.3	1.0'			tr	26	
			50097	4	370.3	371.8	1.5'			tr	18	
			50098	1	371.8	372.1	0.3'			tr	17	
377	38[illegible]	very heavily fractured + broken core @ 378 very irreg [illegible] 1/8" wide at [illegible] @ [illegible]										

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-33 SHEET NO. 7/8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
395	397	badly broken core
397	4[illegible]	very [illegible] silicified
396	399.2	3% fine specks py, cpy + possible arsenides
399.8	401	10% fine dissem py, cpy + arsenides; core strongly silicified + altered
401	403	2% fine specks py + cpy
	@	408.2 smokey wt q'z vein 1/4" wide at 50°
	@	408.9 pk cal - chl veinlet 1/10" wide at 45°
	@	409.8 smokey q'z - pk cal vein 1/4" wide at ~30° [illegible] chl blebs; <1% [illegible] cpy
	@	410.6 pk cal - chl veinlet 1/8" wide at 45°
	@	411.1 as above at 25°
	@	412.8 pk cal chl vein 1/8" wide at 45°
	@	417.1 pk cal vein 1/4" at 55°
417.7	418	extremely silicified; 5% fine specks py
417.9	428	as above
[illegible]	[illegible]	badly [illegible]
[illegible]	[illegible]	[illegible]

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	%	%	Ag OZ/TON	Au ppb
50099	3	396	398	2.0'			tr	12
50100	3	398	399.8	1.8'			tr	19
50101	10	399.8	401	1.2'			.13	27
50102	3	401	403	2.0'			0.02	15
50103		417.9	428.2	[illegible]			tr	18

DIAMOND DRILL RECORD

NAME OF PROPERTY Pyatt Resources Inc

HOLE NO. P-86-33 SHEET NO. 2/2

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
	@ 449.1	pk cal vein 1/8" wide at 55°										
	@ 452.4	lt grn cherty seam 3" wide										
476	477.8	many very irreg pk cal fracs ; many orientations										
477.8	490.4	diabase dike ; contact 40° ; heavily fractured ; many wi cal fractures ; several green epidote veins										
490.4	496	intermed at breccia										
496	504.7	diabase dike										
504.7	512.9	intermed breccia ; subrounded porphyritic rhyolite fragments in dk green - black fine grained mafic groundmass ; many very irreg wi - pk cal fractures - over all										
512.9	526	DIABASE ; contact 45°										
512.9	514.5	chilled margin										
EOH	526											

DIAMOND DRILL RECORD

NAME OF PROPERTY: Proteus Rosaries
HOLE NO.: P-86-37 LENGTH: 547
LOCATION: South Grid 808 S 396 W
LATITUDE: DEPARTURE:
ELEVATION: AZIMUTH: 048 DIP: -50°
STARTED: July 16/86 FINISHED: July 21/86

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
342	-48	055			
542	-46	054			

HOLE NO. [illegible] SHEET NO. 1/10
REMARKS:
LOGGED BY: P Cinotr

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	TOTAL	ASSAYS %	%	Ag OZ/TON	Au ppb
0	14	Casing									
0	6	OVERBURDEN									
6	72.3	SEDIMENTS									
6	42	conglomerate; many granitic boulders along with rhyolite, porphyry, andesite pebbles + boulders set in fine silty groundmass @ 20.6 very [illegible] pk [illegible] vein ½" wide at 75° to c.a; very heavily chloritized throughout; 1% euhedral blades spec. hem.; ∠ 1% fine specks py	50180	∠1	20.6	21.1	0.5'			.002	10
42	53.5	[illegible] banded argillite; fine grained mud + silt bands at 50° to c.a; a few granitic dropstones; moderately fractured core									
53.5	72.3	conglomerate as before									
20.8	56.4	w/ [illegible] vein 1/8" wide [illegible] parallel to [illegible]									

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-37 SHEET NO. 2/10

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
72.3	539	VOLCANICS									
72.3	77	porphyritic rhyolite - andesite ; light green with anhedral qtz + feldspar phenocrysts ;									
72.3		< 1% fine dissem py									
	@	72.3 wt braided cal vein 1/4" wide at 35°									
77	170	rhyolite to rhyolite breccia to porphyritic rhyolite ; lightly fractured core : -									
78	157	< 1% fine dissem py along microfractures + dissem throughout									
	@	95 ft cal. vein 1/8 - 1/4" wide : very heavily oxidized ; 5% fine dissem py ; vein at 5° to c.a ; K-altered host	50181	5	95	95.5	0.5			0.02	12
99.8	105	many wt cal. fractures + veinlets at many orientations : 1-3% fine dissem specks py ; heavily chloritized along microfractures K-alteration throughout	50182	3	99.8	104.8	5.0'			0.02	22
115	119	badly broken core									
	@	127.8 vuggy ft cal - qtz vein 25 [illegible] 1/3 [illegible]									
		[illegible]									

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources Inc

HOLE NO. P-86-37 SHEET NO. 3/10

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
110	157	moderately fractured core ; several irreg pk - wt cal fracture + veinlets										
	@	167 irreg + discontinuous pk cal veinlet 1/32 - 1/8" at 30° ; < 1% fine py										
	@	168.4 pk cal veinlet 1/8" wide at 65°										
170	192	intermediate breccia										
170	192	several pk - wt cal veinlets 1/32" - 1/8" at several orientations ; most heavily chloritized ; < 1% fine dissem py										
	@	181 very irreg , brecciated pk - cal veinlet [illegible] oriented ; [illegible] at 20°										
175 (	188	many very irreg pk cal fractures + veinlets < 1% anhedral speck py throughout										
192	208.8	porphyritic rhyolite ; many anhedral qtz phenocrysts										
	@	192 pk cal chl veinlet 1/8" wide at 70°										
	@	208.8 pk cal vein 1/4" wide at 65° with 3 % fine specks chl. ; speckled [illegible] of fine [illegible]	50183	<1	208.7	209	0.3			0.02	19	
210	211.5	3.5 % fine dissem py + apy										
[illegible]	214	intermediate - felsic breccia ; 3.5 % fine dissem	[illegible]	3	210.8	213.5	2.7'			[illegible]	.5	

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-37 SHEET NO. 4/10

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	@	213.6 wt. cal vein 1/4" wide at 48° 5% fine specks co-arsenides along with py + cpy
214	218.8	diabase dike; contact at 45°
	@	216.9 pk cal -chl vein 1/4" wide at 32°
	@	217.1 very irreg pk cal stringlet < 1/32" wide at 25°
	@	217.6 pk cal -qtz vein 1" wide at 47°; 2% coarse anhedral blebs cobalt arsenides; 1% fine dissem cpy + py; heavily chloritized
	@	219.7 pk cal - qtz vein 1/2" wide; 3% fine dissem cpy; very heavily chloritized
218.8	222.9	intermediate breccia; several very irreg pk - wt cal fractures + veinlets; 3% fine dissem py
222.9	228.4	diabase dike; contact at 42°; many very irreg pk cal veins 1/32" - 1/4" wide at 25° - 55°; dotted with fine chl. specks; < 1% fine dissem cpy
228.4	253.2	rhyolitic to rhyolitic breccia; < 1% throughout;

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	Ag OZ/TON	Au ppb OZ/TON
50125	3	213.5	213.9	0.4			0.05	75
50126	2	213.9	214.9	1.0'			0.04	30
50127	< 1	216.4	217.5	1.1'			0.02	10
50128	1	217.5	217.8	0.3'			1.32	62
50129	< 1	217.8	219.5	1.7'			0.02	17
50130	< 1	219.5	220	0.5			tr	10
50131	3	220	221.3	1.3'			tr	15
50132	< 1	223.5	225.7	2.2'			002	7

DIAMOND DRILL RECORD

NAME OF PROPERTY Prateus Resources

HOLE NO. D-86-37 SHEET NO. 5/ 17

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
	@	238.7 wt qtz vein 1/2" wide at 50° chloritized margin										
	@	245 chl - talc - cal seam 3/4" wide at 50° ; 10% fine disem py										
	@	248.3 wt - grey lightly brecciated cal vein 1/4" - 3/8" wide at 60° ; vuggy with euhedral cal. crystals										
	@	249.5 vuggy pk cal - qtz vein 3/4" wide at 20° ; bordered by chl. ; barren										
	@	253.2 wt qtz vein 3/4" wide at 45° stringer of epidote + pk cal in center of vein										
254.2	255.5	diabase dike contact 52°										
255.5		rhyolite breccia to rhyolite										
	@	255.5 irreg wt cal - chl seam 1/4" wide subparallel to c.a ; 20% anhedral blebs py + mt + spec hem. ; intense K-altered halo										
	@	259.5 wt qtz vein 3/8" wide at 50°										
	@	262.4 chl - cal seam 1/4" wide at 40° intense K-altered halo										
	@	265.3 wt qtz vein 1/4" wide at 45°										

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-37 SHEET NO. 2 / 10

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	@ 267.7	wt qtz vein 5/8" wide at 47°									
	@ 271.2	irreg pk cal vein 1/4" wide at 10° to c.a									
	@ 273.6	qtz-pk cal -chl vein 1/16-1/8" wide at 30° ; intense K-alteration									
273.6	274.8	diabase dike ; contact 45°									
274.8	276.7	rhyolite breccia									
276.7	280.2	diabase dike ; contact 45°									
280.2	302.5	rhyolite breccia									
	@ 282	pk cal veinlet 1/8" wide ; at 38° ; speckled with fine chl. ; < 2% dissem cpy, py , coarse blebs	50193	<1	281.9	282.1	0.2'			.02	59
	@ 282.5	very irreg pk cal veinlet 1/8" - 1/2" wide at 80° ; 50% spec hem + ml ; 5% anhedral blebs py vein 1/4" wide									
	@ 283.8	pk cal -chl -epidote at 60°									
284.6	307.5	1-3% fine dissem py	50194	3	296	298	2.0'			.02	21
[illegible]	310.5	mafic dike ; contact 55° ; bordered by irreg pk cal [illegible] ≈ 1/8" wide; [illegible]									

DIAMOND DRILL RECORD

NAME OF PROPERTY Packet Resources

HOLE NO. P-86-37 SHEET NO. 7/10

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
310.5	497	rhyolite breccia to rhyolite									
	@	316.2 very irreg vuggy pk cal vein 2" wide at 45°; 5% anhedral blebs py; from 315.5 to 316.2 very irreg pk cal veinlets + stringers.	50195	5	316.2	316.5	0.3'			0.02	17
318.8	319.3	many wt cal + chl microfractures at 30°; intense K-alteration throughout; 3% anhedral blebs py along fractures									
310.5	360	several wt. pk cal microfractures of many orientations									
	@	326.3 wt cal veinlet 1/8" wide at 45°									
	@	328.7 wt qtz vein 1½" wide at 50°; many irreg blebs chl.; 1% fine py									
341.2	341.7	zone of intense K-alteration mottled with pk cal at 45°; speckled with fine chl; 3% anhedral blebs py	50196	3	341.2	341.7	0.5'			0.02	14
341.2	349.5	1-3% fine dissem py	50197	3	346.5	349.5	3.0'			0.02	12
349.5	360	moderately microfractured with qtz-chl + <1% anhedral blebs py along fractures									
360	370	badly broken core - rubble									
		362-364 brecciated zone; gravel sized fragments of [illegible] with light green mud									

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-37 SHEET NO. 8/10

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
369.6	370.6	sheared rock at 45° fractured core ; < 1% py									
375	389	heavily speckled throughout									
389	398	very badly broken core - rubble									
398	399.7	several irreg plk cal - qtz veins 1/8" - 1" wide at 35° ; very intense K-alteration throughout ; many irreg blebs chl. ; 1% anhedral blebs py	5098	<1	398	399.7	1.7'			002	14
398	465	heavily fractured core ; rubble in places									
402.2	403	several mud seams at 25°									
412	442	several plk cal - qtz - chl veinlets 1/16" - 1/8" wide at 30° - 50°									
	@	427.4 plk cal veinlet 1/8" wide at 30° 10% disem cpy									
430	431.5	many very irreg wl - plk cal microfractures ± veinlets at many orientations ; heavily chloritized ; many blebs qtz ; trace py + cpy									
	@	433.5 plk cal - qtz vein 1/4" wide at 40° ; 1% anhedral blebs cpy									
433.2	433.9	[illegible] plk cal fracture + veinlets	[illegible]	<1	433.5	433.9	0.7'			tr	8

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources Inc.

HOLE NO. P-PK-37 SHEET NO. 9/10

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
465	503	many very irreg wl-pk cal fractures + veinlets ∠ 1/32" – 1/8" at many orientations ; ∠ 1% py throughout										
470	4755	diabase dike contact at 45° ; many irreg blebs epidote throughout										
479	482	heavily fractured core ; several broken fragments of vuggy wl. cal. veins 1/8" – 1/2" wide ; speckled w. 1% subhedral py + cpy										
	@	484.5 several pk - wt cal veinlets 1/8" – 1/4" wide at 32° ; intense K-alteration + light green bleaching ; ∠ 1% fine disem py + cpy	50200	∠1	484.3	485.2	0.9'			0.02	11	
489	497	heavily fractured core										
497	505.5	red porphyritic rhyolite ; (qtz-fld-porphyry ?) many irreg green altered feldspars										
505.5	507.7	rhyolite breccia										
507.7	518	mafic dike ; contact at 50° ; several wl. cal veinlets 1/8" wide at 40°										
	@	513.8 wt qtz vein 1/2" wide at 40°										
		[illegible]										
		[illegible]										
		Several [illegible] wt cal + qtz +										

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources

HOLE NO. P-86-37 SHEET NO. 10 / [illegible]

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
		epidote veinlets + stringers ; 3% fine py along microfractures @ 515 q/z vein as at 313.8	50201	2	513.7	516	2.3'			0.02	32
518	539	rhyolite - rhyolite breccia ; many very irreg wl - pk cal veinlets + microfractures; moderate - intense K-alteration throughout									
521.1	522.4	several chl. talc - cal seams ∠ 1/2 - 1/4" wide at 40° ; 3% fine disem py	50202	2	521.1	522.4	1.3'			tr	92
533	541	extremely heavily fractured + broken core									
539	547	DIABASE ; several irreg wl - pk cal veinlets ∠ 1/32" - 1/4" at 45°									

DIAMOND DRILL RECORD

NAME OF PROPERTY Pronto Resources Inc

HOLE NO. P-86-38 LENGTH 807

LOCATION

LATITUDE DEPARTURE

ELEVATION AZIMUTH DIP

STARTED FINISHED

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. SHEET NO.

REMARKS

LOGGED BY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
		Summary Sheet									
0	124	OVERBURDEN (casing 34)									
124	768.8	VOLCANICS ; rhyolite to porphyritic rhyolite intercalated with units of mafic to intermediate tuff, breccia, + agglomerate									
		192 - 194.6 ; altered zone ; 5-20% py									
768	807	DIABASE									
EOH	807										

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources Inc
HOLE NO. P-86-36 LENGTH 807
LOCATION South Grid
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH 208° DIP -50°
STARTED Aug 11/86 FINISHED Aug 18/86

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
802	-44	219°			

HOLE NO. P-86-36 SHEET NO. 1/
REMARKS _____

LOGGED BY R. Cinits

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS Au %	ASSAYS Ag %	ASSAYS Au oz/TON	ASSAYS Ag oz/TON
0	134	Casing									
0	124	OVERBURDEN									
124		VOLCANICS									
124	213.5	porphyritic rhyolite ; dark grey ; anhedral qtz + feldspar phenocrysts ; tr py dissem throughout ; moderately chloritized along microfractures									
139.6	142	altered zone ; very heavily chloritized ; mottled with pk-wt cal + k-alteration ; 1% anhedral blebs py ; moderately fractured core	50203	1	139.4	142	2.6'			tr	45
142	151.5	Several very irreg pk cal veinlets 1/16" - 1/2" wide at low angles to C.A.									
146	151.5	moderately fractured core									
	@	151.5 very irreg pk-wt cal - qtz - chl vein 1/4" - 1" wide at 35° ; 5% anhedral blebs py, mt + hem									

LANGRIDGES – TORONTO – 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ LENGTH _____

LOCATION _____

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP _____

STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. [illegible] SHEET NO. 2/13

REMARKS _____

LOGGED BY _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	@	153.4 wt qtz vein 1/4" wide at 50°; very heavily chloritized									
153.9	154	mafic dike; contact 35°									
	@	154.6 wt qtz vein 3" wide bersming pk cal vein 3" wide; mottled with chl; pk cal vuggy; vein at 50°	50204	<1	154.5	156.2	0.7'			0.02	89
155	174	<1% anhedral specks py + cpy red porph rhy									
156.5	160.6	several pk cal - qtz veinlets 1/16" - 1/8" at 45 - 50°; heavily K-altered									
	@	162 wt qtz vein 1/2" wide at 35°; very heavily chloritized									
164	173	many irreg veinlets + blebs of chlorite									
174	177.5	many very irreg pk cal - qtz veinlets at several orientations									
177	181	2% fine dissem specks py									
	@	181 broken fragments of wt qtz - chl vein									
	@	182.8 wt qtz - pk cal vein 1/4" wide at 50°; 3% anhedral py + blebs of spec hem									

LANGRIDGES – TORONTO – 366-1168

FORM 1

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ LENGTH _____

LOCATION _____

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP _____

STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 3/13

REMARKS _____

LOGGED BY _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Ag oz/ton	ASSAYS Au ppb ~~oz/ton~~
181	188.3	1-2% fine dissem py @ 187.9 wt qtz vein 3/8" wide at 50° to c.a									
188.3	192	3-4% fine dissem py ; several cal rich fractures subparallel to c.a ; moderate pervasive K-alteration	50205	3	188.3	192	3.7'			004	96
192	194.6	altered zone ; light grey-green colour; very heavily silicified ; many very irreg blebs blood red hematite-K alteration 5-20% dissem py as fine specks and euhedral fractured blebs forming crude stringers at 43° to c.a ; minor spec hem along wt cal fractures ; 5% specy dissem throughout	50206	10	192	194.6	2.6'			0.16	18
194.6	219.5	1-3% fine dissem py ; minor K-alteration several irreg wt cal fractures at many orientations	50207	2	194.6	199.6	5.0'			tr	36
219.5	[illegible]	Light porphyritic rhyolite ; 1-3% fine dissem py									

LANGRIDGES – TORONTO – 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ LENGTH _____

LOCATION _____

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP _____

STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. P-B-32 SHEET NO. 4 of 15

REMARKS _____

LOGGED BY _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	@	216.8 pK cal veinlet 1/8"; very irreg + discontinuous; 1/2" hem + K-alteration halo veinlet at 26°; 3-5% fine py dissem into wall rock									
217	233	many very irreg pK + wt cal fractures + veinlets with intense K-altered halos; 1-3% fine py dissem throughout core; 3-5% euhedral blades of spec hem + mt. in veinlets									
233	289	mafic to intermediate tuff-breccia; dark green fine mafic groundmass with felsic-mafic fragments									
235	257	several pK cal-qtz veins [illegible] most at 35-50° to c.a.; ∧ 1% anhedral blebs py; 5% spec hem + mt									
	@	271.9 pK cal vein 3/8" wide at 25° 30° fine blades spec hem + mt. 5% dissem cpy + subhedral cubes py; intense K + hem alteration; some py at 272.4	50209	5	271.8	272.6	0.8'			002	32
			50208	3	215.6	217.5	2.9'			0.02	26

LANGRIDGES – TORONTO – 366-1188

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ LENGTH _____

LOCATION _____

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP _____

STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. [illegible] 3 SHEET NO. 5/13

REMARKS _____

LOGGED BY _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAY Ag %	ASSAY Au %	ASSAY Ag oz/ton	ASSAY Au ~~oz/ton~~ ppb
		@ 273.9 pk cal vein 1/4" wide at 38°; lightly vuggy; 5% anhedral blebs cpy									
276	277	sheared rock; intercalated - broken core; heavily chloritized									
280	303	several pk - wt cal veinlets 1/16" - 1/8" at various orientations									
282.3	283	several hematite rich pk cal veins 1/4" wide at 50°; 3% anhedral blebs py + minor cpy	50210	2	282.3	283	0.6			0.02	17
	@	283 pk cal vein 1/4" wide at 30°									
289.6	295	1-3% py as fine disem specks and [illegible] 1/16" - 1/8" wide at low angles	50211	2	289.4	290.4	1.0'			0.02	38
		irreg [illegible] cpy									
294	306	heavily fractured core									
289	314.5	agglomerate felsic - int fragments set in dark green fine grained matrix									
	@	307 pk cal vein 3/16" wide at 55°									

LANGRIDGES – TORONTO – 366-1168

FORM 1

DIAMOND DRILL RECORD

NAME OF PROPERTY ____________

HOLE NO. ________ LENGTH ________

LOCATION ____________

LATITUDE ________ DEPARTURE ________

ELEVATION ________ AZIMUTH ________ DIP ________

STARTED ________ FINISHED ________

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. ________ SHEET NO. ________

REMARKS ____________

LOGGED BY ____________

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	@	319.5 pk cal - qtz - chl vein 1/4" wide at 50°; tr of fine py; borders mafic dike									
319.5	323	mafic dike; contact at 50°									
321.2	329	badly broken core - rubble									
323	4425	feldspar porphyritic rhyolite; light green-grey; many euhedral - subhedral feldspar phenocrysts, some altered to green epidote; moderately chloritized throughout									
	@	330 pk cal - qtz vein 1/2" wide at 45°; 1% euhedral masses py									
	@	330.5 as above at 25°									
331	336	[illegible] very irreg pk - wt cal - qtz [illegible] < 1/16" - 1/4" at various orientations [illegible] py throughout									
	@	350.5 brecciated pk - cal - qtz - chl vein 3/4" wide at 50°									
	@	352.6 brecciated - banded pk cal vein 1/2" wide at 30°; mild K-alteration throughout; wallrocks strongly bleached; < 1% euhedral blebs py									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ LENGTH _____

LOCATION _____

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP _____

STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 2/13

REMARKS _____

LOGGED BY _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
361	400	mild to moderate pervasive K-alteration									
	@	373.6 very [illegible] chl-py [illegible]	50212	5	373.6	375'	1.4'			002	36
		1/2" wide at 60° ; 25% fine disseminated									
		py blebs py set in fine grained chloritic material ; several intensely K-altered fragments of wall rock									
	@	377.2 pk cal veinlet 1/16" at 20°									
	@	379 - broken fragments of pk cal-qtz vein probably ≤ 1" wide ; intense K- & hem-alteration									
	@	393.5 wt qtz vein 1/4" wide at 40° ; several pk cal blebs									
	@	396.1 wt qtz-epidote veinlet 1/8" at 50°									
398.3	409	several pk cal veinlets 1/16" - 1/8" at various orientations									
		403' breccia-ted light pk cal vein 3/16" wide at 20°									
	@	405 smoky qtz vein 1/4" wide at 25° ; 20% stringers wt ; parallel to vein orientation									
409.7	419	several wt to pk cal stringers ; most at 50°									

LANGRIDGES – TORONTO – 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY ______
HOLE NO. ______ LENGTH ______
LOCATION ______
LATITUDE ______ DEPARTURE ______
ELEVATION ______ AZIMUTH ______ DIP ______
STARTED ______ FINISHED ______

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. [illegible] SHEET NO. [illegible]
REMARKS ______

LOGGED BY ______

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
4133	442.5	moderately fractured core ; many pk-wt cal [illegible] + veinlets at [illegible] - 50°									
436	442.5	moderate pervasive k-alteration									
442.5	463.8	intermediate breccia ; many pk cal veinlets 1/16" - 3/16" at several orientations, but most at 40 - 50° ; minor epidote throughout veins ; trace of fine dissem py									
463.8	464.2	mafic (diabase ?) dike ; contact 10° to co many pk cal veins 1/16" - 3/16" at 40° - 60°									
[illegible]	477.5	int breccia as before @ 472 very irreg braided pk cal vein 1/4" wide at 30° ; intensely K-altered wall rock ; tr of fine py @ 473.7 wt qtz vein 3/4" wide ; at 40° [illegible] pk cal + epidote veinlets ≈ 1/8" wide									
473.9	476.1	mafic dike ; contact 40°									
481	487.5	heavily fractured core									

LANGRIDGES – TORONTO – 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY ______
HOLE NO. ______ LENGTH ______
LOCATION ______
LATITUDE ______ DEPARTURE ______
ELEVATION ______ AZIMUTH ______ DIP ______
STARTED ______ FINISHED ______

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. P-85-38 SHEET NO. 9/1
REMARKS ______

LOGGED BY ______

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	OZ/TON	OZ/TON
487.5		feldspar porphyritic rhyolite ; many light green epidote altered feldspars ; moderately chloritized throughout ; dark green to black colour ; trace of fine py , mostly as blebs along microfractures									
505	544.3	moderate to intense pervasive Red K-alteration ; many very irreg pk cal- + chl microfractures of various orientations ; many irreg chloritic blebs throughout ; several 1/8 - 1/2" wide epidote rich seams									
527.4	528.2	mafic dike ; contact 30° } no K-alteration									
537.3	542	mafic dike ; contact 35° }									
544.3	551.4	fine grained int. tuff ? ; cut by several wt cal veinlets at 40-70° @ [illegible] pk cal vein 3/8" wide at 30° ; K-altered border ; tr fine py - specimen									
551.4	554	mafic int. breccia									
[illegible]	[illegible]	int. tuff									
553.5	575	int bx ; badly fractured core									

LANGRIDGES – TORONTO – 368-1168

FORM 1

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ LENGTH _____

LOCATION _____

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP _____

STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 1

REMARKS _____

LOGGED BY _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS Ag %	ASSAYS Au %	ASSAYS Au OZ/TON	ASSAYS Au ppb OZ/TON
575	581	int. tuff									
	@	575 pk cal - epidote vein 3/16" wide at 30°.									
	@	577 pk cal veinlet 1/16" wide at 25°									
	@	572 wt qtz vein 1/2 - 3/4" wide at 40°; many irreg epidote blebs; minor pk cal									
	@	572.9 wt qtz - epidote vein 1/4" wide at 35°									
	@	577 pk cal vein 1/4" wide at 45°									
	@	577.8 as above									
	@	579 as above									
581	583	pk cal - chl - epidote vein ≃ 1.5" wide; subparallel to c.a; mottled texture; barren of sulphides	50213	—	581	583	2.0'			0.02	18
583	607	lightly porphyritic rhyolite; dotted with fine grained chl; moderately fractured; many pk cal veinlets 1/16" - 1/8" at several orientations; 1% fine specks along fractures throughout core	50214	5	583	583.5	0.5'			0.02	19
597.5	598.1	5% disseminated py also some chl along microfractures									
607	641.5	intermittently brecciated; many pk cal fracture									

LANGRIDGES – TORONTO – 368-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ LENGTH _____

LOCATION _____

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP _____

STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. _____

REMARKS _____

LOGGED BY _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS Ag OZ/TON	ASSAYS Au oz/ton
615.4	616.5	diorite dike ; bordered by pk cal. [illegible] = 1/4" wide at 60°									
	@	619.8 pk cal veinlet 1/8" at 50°									
	@	621.6 pk cal vein 1/4" wide at 55°									
620.6	622	several pk cal veinlets at several orientations 3% fine disem py in veinlets and along chl rich microfractures	50215	2	620.6	622	1.4'			tr	10
	@	622.9 pk cal vein 1/8" wide at 40°									
622.9	625.5	very intensely microfractured core									
	@	629 wt cal - chl vein 1/2" wide at 20° to c.a ; 3% fine disem py + cpy									
	@	630.2 pk cal vein 1/4" wide at 50°									
	@	631.1 chl - py rich seam 1/2 - 1/4" wide at 27° ; minor cpy	50216	5	631	633.3	2.3			002	15
	@	633.6 pk cal vein 1/2" - 3/4" wide at 40° ; minor brecciated wall rock in [illegible]	50217	—	633.3	633.7	0.4'			tr	16
		[illegible] barren	50219	1	633.7	636.3	2.5			tr	17
635	642	1-2% fine disem py [illegible] + surrounding breccia fragments + along	50215	3	636.3	639	2.7'			tr	14

LANGRIDGES – TORONTO – 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY ______
HOLE NO. ______ LENGTH ______
LOCATION ______
LATITUDE ______ DEPARTURE ______
ELEVATION ______ AZIMUTH ______ DIP ______
STARTED ______ FINISHED ______

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. [illegible] SHEET NO. ______
REMARKS ______
LOGGED BY ______

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	OZ/TON	OZ/TON
		fractures									
	@	[illegible] brecciated carb seam 1/4" wide at 35°									
	@	641.5 pk cal veinlet 1/10" wide at 58° ; heavily chloritized ; 5% dissem py									
	@	644 pk cal vein 1/8" wide at 55°									
648.5	671.8	porphyritic rhyolite ; red pervasive K-alteration throughout ; qtz + feldspar phenocrysts ; mildly chloritized throughout									
671.8	676.3	mafic dike ; contact 25°									
676.3	737.3	intermediate breccia – agglomerate ; rhyolitic fragments set in dark green fine grained groundmass									
		~~[illegible]~~ fractures with									
725.2	726	many irreg chl rich alteration halos in [illegible]									
		intense wf feldspar [illegible]									
732.4	732.8	[illegible] at 20° to c.a ; elongated fragments									
737.3	757	red porphyritic rhyolite ; many irreg blood red blebs K-altered feldspars ; many epidote rich microfractures + [illegible] phenocrysts									
	@	751.3 irreg qtz - chl - epidote vein 1/4" [illegible] to c.a ; < 1% dissem py									

LANGRIDGES – TORONTO – 366-1168

FORM 1

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ LENGTH _____

LOCATION _____

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP _____

STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 1

REMARKS _____

LOGGED BY _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
757	759	intermediate breccia - agglomerate										
759	761.3	[illegible] rhyolite as before										
761.3	768.8	int. breccia										
768.8	807	DIABASE										
768.8	773	fine grained chilled margin										
EOH	807											

LANGRIDGES — TORONTO — 366-1168

FORM 1

Sample Summary Sheet [redacted] for Proteus Resources Inc

Location _____ _____ Coordinates South Grid 376 N 213 W D.D.H. no. P-86-38

Depth 802
Plunge -44
Bearing 219

Elevation _____ Page _____ of _____

Started Aug 11, 1986 Completed Aug 18, 1986 Depth 807

Contractor _____ Logged by R. Cicits freelance

From	To			Sample no.	From	To	total	Ag oz/ton	Au ppb
				50203	139.4	142	2.6	tr	45
				50204	154.5	156.2	0.7	0.02	89
				50205	188.3	192	3.7	0.04	96
				50206	192	194.6	2.6	0.16	18
				50207	194.6	199.6	5.0	tr	36
				50208	216.6	217.3	0.9	0.02	26
				50209	271.8	272.6	0.8	0.02	32
				50210	282.3	283	0.8	0.02	17
				50211	289.4	290.4	1.0	0.02	38
				50212	373.6	374	0.4	0.02	36
				50213	581	583	2.0	0.02	18
				50214	587.6	588.1	0.5	0.02	19
				50215	620.6	622	1.4	tr	10
				50216	631	633.3	2.3	0.02	15
				50217	633.3	633.7	0.4	tr	10
				50218	636.3	639	2.7	tr	14
				50219	633.7	636.3	2.5	tr	17

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources Inc
HOLE NO. P-16-89 LENGTH 747
LOCATION
LATITUDE DEPARTURE
ELEVATION AZIMUTH DIP
STARTED FINISHED

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. SHEET NO.
REMARKS
LOGGED BY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION Logged by	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
		Summary Sheet									
0	18	OVERBURDEN									
18	747	DIABASE									
EOH	747										

DIAMOND DRILL RECORD

NAME OF PROPERTY Fraser Resources Inc
HOLE NO. F-86-39 LENGTH 747
LOCATION North Grid 363E -3174N
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH 035° DIP -50°
STARTED Aug 19/86 FINISHED Aug 21

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
492	-50	042			
742	-50	044			

HOLE NO. F-86-39 SHEET NO. 1/
REMARKS _____
LOGGED BY R. Cinti

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
0	24	Casing									
0	18	OVERBURDEN									
18	747	DIABASE									
18	71	coarse grained gabbroic texture ; several pk cal veinlets < 1/8" wide and epidote veinlets 1/16" - 1/2" wide									
		@ 47.5 grey-white-pk banded carb. vein 1/2" wide at 25° to c.a ; many anhedral qtz blebs in pk cal ; moderately chloritized									
		@ 73.4 grey brecciated carb vein 1/4" wide at 40°									
71	747	medium grained diabase									
		@ 81.1 wt cal - qtz - epidote vein 3/8" wide at 35°									
		@ 87.7 pk cal veinlet 1/8" wide at 65°									
90	93	heavily fractured core									
93	109	moderately jointed core									
		@ 105.1 chl - talc vein 1/4" wide at 70°									
		@ 111.5 wt cal - chl - talc vein 1/8" wide at 30°									
		@ 141.9 pk cal 1/4" wide at 35° ; barren									

LANGRIDGES – TORONTO – 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY ____________________

HOLE NO. ____________ LENGTH ____________

LOCATION ____________________

LATITUDE ____________ DEPARTURE ____________

ELEVATION ____________ AZIMUTH ____________ DIP ____________

STARTED ____________ FINISHED ____________

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. [illegible] SHEET NO. 2

REMARKS ____________________

LOGGED BY ____________________

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	@	145.7 wt cal - chl - talc vein 1/8" wide at 57°									
149.8	150.7	several irreg. q'tz - wt cal - talc [illegible] at various orientations									
155	155.7	several light pk brecciated cal veins 1/16" - 1/4" wide at 35° ; moderate K - alteration ; trace fine cpy + py specks	50220	tr	155	155.7	0.7				
	@	165 pk cal - chl - q'tz vein 3/8" wide at 30° barren									
172.7	179.6	many light pk cal - epidote veinlets 1/32" - 1/4" wide ; very irreg. + discontinuous ; most sub perpendicular to c.a ; minor K - alteration									
	@	181.4 wt cal - q'tz vein 1/8" at 30°									
	@	182 light brown q'tz - cal vein 1/8" at 25°									
196.3	197.7	several pk cal veins 1/16" - 1/4" at several orientations ; tr of fine cpy	50221	tr	196.3	197.7	1.4'				
	@	198.8 pk cal vein 1/2" wide at 35° [illegible] barren									
199	2[illegible]	several pk - wt cal fractures 1/32" - 1/16" at various orientations ; tr fine cpy	50222	tr	198.8	201.1	2.3'				

LANGRIDGES – TORONTO – 368-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ LENGTH _____

LOCATION _____

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP _____

STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 3

REMARKS _____

LOGGED BY _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
	@	200.4 pk cal-qtz vein 3/4" wide at 35° ∠ 1% fine specks py, cpy										
	@	213.4 talc seam 1/4" wide at 40°										
	@	249.2 talc seam 1/4" wide at 30°										
	@	252.5 talc - wt cal seam 1/8" wide at 35°										
	@	260.1 talc - chl seam 3/16" at 18°										
	@	262.8 pk cal veinlet 1/8" wide at 25° chloritized border										
	@	264.2 light pk. cal-qtz vein 1 1/2" wide at 35° several irreg. chl blebs throughout; barren	50223	—	264.1	264.7	0.6'					
	@	278.1 wt cal - talc vein 1/4" wide at 45°										
	@	278.3 as above										
292	293.4	wt cal fracture subparallel to c.a										
	@	293.4 banded wt + pk cal vein 1 1/2" wide at 20°; - wt cal is vuggy with ∠ 1% banded fine py cubes; minor ft - alteration in wall rock	50224	∠1	293.4	294.2	0.8'					
	@	294.2 wt cal - talc seam 1/8" at 27°										
	@	296.4 as above at 50°										

LANGRIDGES – TORONTO – 368-1168

DRM 1

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ LENGTH _____

LOCATION _____

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP _____

STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. _____

REMARKS _____

LOGGED BY _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
	@ 304.4	pk cal veinlet 1/8" wide at 50°									
		1% fine py smeared along plane of vein									
	@ 323.1	wt cal-tale-chl vein 3/16" wide at 45°									
	@ 329.6	wt + pk cal vein 3" wide at 45° lightly brecciated with wall rock; several irreg blebs red K-alteration; trace fine specks sulphides	50235	tr	329.5	330.8	1.3'				
	@ 330.3	as above but 1½" wide									
	@ 331.6	chl-epidote veinlet 1/4" wide at 33°									
343.7	344.8	Several qtz stringers 1/16" wide at various angles; wall rock intensely bleached and moderately K-altered; barren									
	@ 369.4	brecciated grey cal-tale vein 1/4" wide at 40°									
	@ 396.4	mottled pk cal-qtz vein 3/8" wide at 30°; ∠1% anhedral blebs py + apy									
	@ 422.3	pk cal-tale vein 1/4" wide at 25°									
	@ 487.8	wt cal-tale vein 1/4" wide at 25°									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ LENGTH _____

LOCATION _____

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP _____

STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. P-55-39 SHEET NO. 3/

REMARKS _____

LOGGED BY _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
505.4	510.5	many light pk cal veinlets ∠1/16" - 1/4" wide at various orientations									
		@ 505.7 pk cal - qtz vein 3/16" at 20° ; 3% fine specks opy									
		@ 508.6 pk cal 1/4" wide at 45° ; 5% anhedral blebs + fine specks py + opy	51227	1	508.6	509.4	0.8'				
		@ 528.1 mottled pk cal - talc vein 1" wide at 85° ; 3% fine dissem specks + blebs py + cpy ; wall rocks intensely bleached + K-altered	50226	∠1	527.9	528.3	0.4'				
		@ 529 very irreg wt cal vein 1/16" - 1/4" at ≃ 90° ; intense K-altered halo									
		@ 530.7 irreg wt cal - talc vein 1/2" - 3/4" wide at 55°									
		@ 531.5 irreg talc rich vein 1/4" wide at 50° red K-altered halo									
		@ 550 wt brecciated cal vein 5/8" wide at 55°									
		@ 552.8 wt cal - talc vein 1/8" - 1/4" wide at 45° 1% fine specks py									

LANGRIDGES – TORONTO – 366-1168

FORM 1

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ LENGTH _____

LOCATION _____

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP _____

STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. P-83-39 SHEET NO. 61

REMARKS _____

LOGGED BY _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
555	615	moderately jointed & fractured core; many tale seams; clay fracture surfaces									
	@ 593.7	pk cal vein 1/8 - 1/4" wide at 30°									
	@ 644.8	tale seam 1/4" wide at 33°									
	@ 655.2	pk cal vein 3/16" wide at 31° 1% fine anhedral specks cpx									
	@ 655.8	wt-pk-grey brecciated cal vein 2" wide at 35°; many irreg red K-altered fragments of wall rock; speckled with fine chl.; barren of sulphides	50229	tr	655.2	656.3	1.1'				
	@ 656.8	wt cal-chl vein 1/8" wide at 38°									
	@ 671.2	wt cal-tlc vein 1/8 - 1/16" wide at 42°									
	@ 722	wt cal vein let; 1/8" wide at 25°									
717	720	moderately fractured core									
EOH	747										

LANGRIDGES – TORONTO – 366-1168

FORM 1

Sample Summary Sheet [redacted] for Pro[illegible]

Location ______ ______

Coordinates North Grid 36[illegible]E 3[illegible]N D.D.H. no. [illegible]-37

Page ____ of ____

Depth	492	742				
Plunge	-50	-50				
Bearing	042	044				

Elevation ______

Started Aug 18 /86 Completed Aug 21 /86 Depth 747

Logged by ______

Contractor ______

From	To		Sample no.	Footage From	Footage To	Total	Ag oz/t	Au ppb
			50220	155	155.7	0.7		
			50221	196.3	197.7	1.4		
			50222	198.8	201.1	2.3		
			50223	264.1	264.7	0.6		
			50224	293.4	294.2	0.8		
			50225	329.5	330.8	1.3		
			50226	505.4	506.3	0.9		
			50227	508.6	509.4	0.8		
			50228	527.9	528.3	0.4		
			50229	655.2	656.3	1.1		

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources Inc
HOLE NO. P-86-40 LENGTH 822
LOCATION North Grid
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH 349° DIP -50
STARTED Aug 22/86 FINISHED Aug 27/86

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
817	-51	357			
517	-50	002			

HOLE NO. _____ SHEET NO. _____
REMARKS _____
LOGGED BY _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
		Summary Sheet										
0	42	OVERBURDEN										
42	50.6	core missing										
50.6	822	DIABASE										
88	108	fault zone										
654.8	671	Fault zone										
822	EOH											

DIAMOND DRILL RECORD

NAME OF PROPERTY Proteus Resources Inc
HOLE NO. P-86-40 LENGTH 822
LOCATION North Grid 3410 N 440 E
LATITUDE _____ DEPARTURE _____
ELEVATION _____ AZIMUTH 349° DIP -56°
STARTED Aug 22/86 FINISHED Aug 27/86

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
817	-51	357			
517	-50	002			

HOLE NO. P-86-40 SHEET NO. 1/7
REMARKS _____
LOGGED BY R. Ciuffo

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
0	42	Casing									
0	42	OVERBURDEN									
42	50.6	no core									
50.6	822	DIABASE									
50.6	695	medium to coarse grained diabase; well jointed at 45° + 60° to c.a several tale + cal. seams along jointed + fractured surfaces									
84	88	several irreg cal-tale - dk seams; ∠ 1/16" - 1/2" at several orientations; minor K-alteration in wall rock									
88	108	heavily fractured core; rubble in places many wk cal fractures at 50°; very hematite rich & chloritized; possible fault? 105-108 - rubble									
108	113.4	many tale-chl seams 1/16" - 1/4" wide at 50-70° to c.a @ very [illegible] dk cal vein 1/8" - 1/2" wide at 15° to c.a; bordered by fine chl; minor tale [illegible] veins increase [illegible] talc;	50230	—	109.3	110.2	0.9'				

LANGRIDGES – TORONTO – 366-1168

DIAMOND DRILL RECORD

E OF PROPERTY _____

HOLE NO. _____ LENGTH _____

LOCATION _____

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP _____

STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. P-86-40 SHEET NO. 2/7

REMARKS _____

LOGGED BY _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
113.41	115.1	many very irreg pk cal veinlets <1/16" - 1/4" at various orientations; heavily chloritized throughout; trace of fine py	50231	tr	113.4	115.1	1.6'				
	@	118.1 pk-gy cal vein 1" wide at 20° to c.a several euhedral prismatic green crystals (very soft); intense red K-altered halo; trace of fine specks py	50232	tr	118	121.5	3.5'				
119.2	121.5	several very irreg pk-wt cal-chl veinlets 1/16" - 1/4" wide at low angles to c.a trace fine py; moderate to intensely K-altered wall rock									
	@	123.6 pk cal vein 1" wide at 80° several fine chl stringers throughout; minor epidote along edges; barren	50233	-	123.5	123.8	0.3'				
	@	137 wt cal - talc vein 1/4" wide at 70°									
139	139.5	several wt cal veins 1/8" - 1/4" wide at 25° to 70° to c.a; barren									
	@	143.5 wt cal - talc - chl vein 1/4" wide at 55°; 1% fine specks py									
	@	151.2 as above									

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ LENGTH _____

LOCATION _____

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP _____

STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. P-86-40 SHEET NO. 3/7

REMARKS _____

LOGGED BY _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
165.7	169	qtz-chl-cal veinlet 1/8" – 3/16" wide subparallel to c.a										
175	183.6	decrease in grain size; pervasively carbonatized throughout; several pk-wt cal veinlets 1/16" – 1/4" subparallel to c.a; moderately chloritized										
189.5	190.5	several grey cal veinlets 1/16" – 1/8" at 60°; trace fine cpy-arsenides smeared along fractured surfaces	50234	tr	189.5	190.5	1.0'					
	@	120 epidote veinlet 1/8" wide subparallel to ca										
204.7	217	several pk-wt-grey cal veinlets 1/16" – 1/4" most at ≃ 25° to c.a										
	@	209.7 pk wt-grey cal vein 3/8" wide at 25°										
215.2	216.3	intense rd K-alteration surrounding grey brecciated cal. vein 1/4" – 1" wide at 25°										
	@	226.2 wt qtz-cal veinlet 1/8" – 1/4" subparallel to c.a										
	@	227 pk cal-qtz veinlet 1/2" wide at 25°										
	@	227.6 pk cal-qtz-cal vein 1/4" wide at 20°										

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ LENGTH _____

LOCATION _____

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP _____

STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. P-86-41 SHEET NO. 4/7

REMARKS _____

LOGGED BY _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
	@ 228.3	pk cal veinlet 1/8" wide at 20°										
	@ 229.9	pk cal - chl veinlet 1/8" at 25° intense k-altered halo 1/2" wide which has a white-green bleached halo 1/4" wide										
	@ 258.5	green epidote-talc veinlet 3/16" wide at 25°										
	@ 275.2	wt cal vein 1" wide at 25°; speckled with 10% fine chl; vuggy in places; < 1% fine specks cpy	50235	tr	275.2	275.7	0.5'					
	@ 276.2	pk cal - chl - epidote vein 1/4" wide at 25°										
	@ 329.6	pk-grey cal. vein 5/16" wide at 25° < 1% fine specks py; trace fine cobaltite smeared along fracture subparallel to vein	50236	< 1	329.5	330.1	0.6'					
	@ 327.7	light green talc veinlet 1/8" wide at 25°										
	@ 347.4	pk-grey cal vein 3/4" - 1" wide cal 33°; lightly brecciated with angular wall rock fragments; speckled with fine chl; minor < 1% cubic specks cpy	50237	< 1	347	348	1.0'					

LANGRIDGES — TORONTO — 366-1188

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ LENGTH _____

LOCATION _____

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP _____

STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. P-86-40 SHEET NO. 5/7

REMARKS _____

LOGGED BY _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
		on both sides of vein @ 361 wt cal talc veinlet 1/8" wide at 30°										
		@ 370.5 wt cal - qtz vein 1/8" wide at 10°										
		@ 371.1 wt cal - talc vein 1/8" - 1/4" subparallel to c.a ~ 1% anhedral blebs niccolite + cpy	50238	∠1	371	372.3	1.3					
380	384.2	many pk-grey cal veinlets 1/16" - 1/4" at 30-35° to c.a ; trace fine py specks	50239	tr	381.6	382.3	0.9'					
		@ 381.8 very irreg mottled wt-grey cal vein 2" wide at 30° ; trace of fine sulfides	50240	tr	382.3	384.2	1.9'					
		@ 424.4 irreg braided wt cal vein 1/4" wide at 38°										
		@ 425.4 pk + grey mottled cal vein 3/4" wide at 35° ; trace py ; lightly chloritized margins	50241	—	425.4	425.8	0.4'					
		@ 426.3 pk cal talc vein 1/4" wide at 25° ; ∠1% fine specks py + cpy										
		@ 428 pk cal vein 1/4" wide at 30° ; several irreg qtz blebs ; minor chl										

DIAMOND DRILL RECORD

NAME OF PROPERTY ______
HOLE NO. ______ LENGTH ______
LOCATION ______
LATITUDE ______ DEPARTURE ______
ELEVATION ______ AZIMUTH ______ DIP ______
STARTED ______ FINISHED ______

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. P-86-4 SHEET NO. 67/7
REMARKS ______
LOGGED BY ______

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
	@	469.7 wt cal talc vein 1/8" wide at 35°										
	@	447.7 wt cal talc vein 1/8" wide at 35° speckled with 3% fine specks cpy + py; intensely bleached 6" on both sides of vein										
524.6	530.6	moderately fractured core + bleached core										
	@	533.4 pkcol-wt qtz veinlet 1/8" wide at 25°; ~~[illegible]~~; 1% anhedral specks cpy										
589	595	blocky core										
607	623	moderately fractured core; several talc-serpentine seams at various orientations to c.a.;										
	@	614.6 talc fracture ⊥ to c.a.; trace of cobaltite smeared along fracture surface										
654.8	671	heavily fractured + broken core; rubble in places; many talc-serpentine fractures + mud seams → Fault										
571	574	several talc [illegible] [illegible] at various orientation										

LANGRIDGES – TORONTO – 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ LENGTH _____

LOCATION _____

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP _____

STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. D-25-41 SHEET NO. 7/7

REMARKS _____

LOGGED BY _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
695	822	medium to fine grained diabase										
731.7	732.5	several talc seams 1/8" at 60° to c.a										
750.6	752	moderately fractured core										
	@	791 very irreg wt qtz veinlet 1/8" wide at 70° to c.a										
	@	802.5 wt cal veinlet 1/8" wide to c.a; heavily chloritized wall rock										
EOA	822											

LANGRIDGES – TORONTO – 368-1168

[redacted] for Proteus Resources Inc

Location Ruby Valley - North Grid Coordinates 3410 N 440 E D.D.H. no. P-86-4c

Depth	collar	517	817			
Plunge	-50	-50	-51			
Bearing	349	002	357			

Elevation _____ Page _____ of _____

Started Aug 22/86 Completed Aug 27/86 Depth 822

Contractor _____ Logged by R. Cinits

From	To	
		Sample Summary Sheet

Footage

Sample no.	From	To	total	Ag oz/ton
50230	109.3	110.2	0.9'	
50231	113.4	115.1	1.6'	
50232	118	121.5	3.5'	
50233	123.5	123.8	0.3'	
50234	189.5	190.5	1.0'	
50235	275.2	275.7	0.5'	
50236	329.5	330.1	0.6'	
50237	347	348	1.0'	
50238	371	372.3	1.3'	
50239	381.6	382.3	0.9'	
50240	382.3	384.2	1.9	
50241	425.4	425.8	0.4	

DIAMOND DRILL RECORD

Reassays 200 total — July 1986

NAME OF PROPERTY Proteus Resources Inc

HOLE NO. _____ LENGTH _____

LOCATION _____

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP _____

STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 1

REMARKS _____

LOGGED BY _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS ~~OZ/TON~~ Au opt
		Reassay									
		P-86-13 — 19 samples									
			50363		398	403	5.0				95
			50364		403	408	5.0				82
			50365		408	413.7	5.7				78
			50366		417.7	423	5.3				86
			50367		426	431	5.0				92
			50368		431	436	5.0				86
			50369		436	441	5.0				62
			50370		441	446	5.0				40
			50371		445	450.9	5.9				30
			50372		452.2	458	5.8				54
			50373		458	463	5.0				37
			50374		463	468	5.0				55
			50375		469	473	5.0				14
			50376		473	478	5.0				10
			50377		478	483	5.0				12

LANGRIDGES – TORONTO – 368-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ LENGTH _____

LOCATION _____

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP _____

STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 2/11

REMARKS _____

LOGGED BY _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS Au opb OZ/TON
		P-86-13 Continued	50378		483	488	5.0				27
			50379		488	492.7	4.7				34
			50380		495	500.5	5.5				36
			50381		500.5	506	5.5				30
		P-86-30 12 samples	50351		148.7	154	5.3				25
			50352		154	157.5	3.5				22
			50353		157.5	160.9	3.4				18
			50354		161.2	167	4.8				14
			50355		167	170.8	3.8				12
			50356		171.2	177	4.8				17
			50357		177	180.5	3.5				4
			50358		180.5	184.2	3.7				10
			50359		184.6	189.6	5.0				40
			50360		189.6	194.4	4.8'				71
			50361		194.7	196.7	2.0'				112
			5362		205.7	210.7	5.0'				15

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ LENGTH _____

LOCATION _____

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP _____

STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 3/1

REMARKS _____

LOGGED BY _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS Au 2nd OZ/TON
		P-86-20 — 6 samples	50401		115.8	120.8	5.0'				33
			50402		121	126	5.0'				95
			50403		189.7	194.7	5.0'				77
			50404		194.7	199.7	5.0'				69
			50405		199.7	204.7	5.0'				80
			50406		204.7	209.7	5.0				96
		P-86-23 — 24 samples	50407		35	40	5.0				26
			50408		40	45	5.0				26
			50409		45	50	5.0				43
			50410		50	55	5.0				55
			50411		55	60.7	5.7				56
			50412		61.2	66.2	5.0				44
			50413		66.2	72.05	5.85				36
			50414		72.3	77.3	5.0				30
			50415		77.3	82.3	5.0				14
			50416		310.5	315.5	5.0				23
			50417		315.5	320.5	5.0				26

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ LENGTH _____

LOCATION _____

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP _____

STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 4

REMARKS _____

LOGGED BY _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
		P-85-23 continued
		P-86-16 47 samples

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	OZ/TON	OZ/TON
50418		320.5	326	5.5				56
50419		326	328.7	2.7				32
50420		328.7	331.8	3.1				95
50421		333.6	335.8	2.2				119
50422		337.7	342.7	5.0				186
50423		342.7	347.7	5.0				114
50424		347.7	352.7	5.0				75
50425		416.7	421.7	5.0				
50426		421.7	426.7	5.0				
50427		426.7	431.7	5.0				
50428		431.7	434.5	1.8				
50429		436.5	441.7	5.2				
50430		441.7	446.7	5.0				
50322		287.6	292.6	5.0				27
50323		294.3	299.7	5.4				47
50324		300.5	305.5	5.0				40
50325		305.5	310	4.5				59
50326		310	313.1	3.1				32
50327		313.5	315.4	1.9				62

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ LENGTH _____

LOCATION _____

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP _____

STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 5

REMARKS _____

LOGGED BY _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
		P-85-16 continued	503[illegible]		315.7	318.5	2.8				135
			503[illegible]		318.5	325	5.4				55
			503[illegible]		325	330	5.0				33
			503[illegible]		330	335	5.0				19
			503[illegible]		335	340	5.0				43
			503[illegible]		340	345	5.0				37
			503[illegible]		345	350	5.0				48
			503[illegible]		350	355	5.0				52
			503[illegible]		355	360	5.0				69
			503[illegible]		360	365	5.0				70
			503[illegible]		365	371	6.0				
			503[illegible]		371	376.6	5.6				
			50450		376.8	382	5.2				
			50451		382	387	5.0				
			50452		387	390.8	3.8				
			50453		390.8	397	5.2				
			50454		397	401	4.0				
			50455		401	404.2	3.2				

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ LENGTH _____

LOCATION _____

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP _____

STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 6

REMARKS _____

LOGGED BY _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
		P-96 -16 continued

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	OZ/TON	OZ/TON
50456		405	409.8	4.8				
50457		410.6	416	5.4				
50458		416	421	5.0				
50459		421	426	5.0				
50460		426	431	5.0				
50461		431	436	5.0				
50462		436	438.5	2.8				
50463		438.8	442	3.2				
50464		442	445	3.0				
50465		445.4	449.6	4.2				
50466		449.8	455	5.2				
50467		455	460.7	5.7				
50468		460.9	465	4.1				
50469		465	475	10.0				
50470		475	477.3	2.3				
50471		478.1	483	4.9				

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ LENGTH _____

LOCATION _____

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP _____

STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 7/7

REMARKS _____

LOGGED BY _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
		P-86-16 continued
		P-86-18 15 samples

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	%	OZ/TON	OZ/TON	
50472		483	488	5.0					
50473		488	494.3	6.3					
50474		495.2	500	4.8					
50475		500	505	5.0					
50476		505	509.8	4.8					
50477		510.2	514.5	4.3					
50478		515.1	517	1.9					
50431		31.9	36.9	5.0					
50432		38.6	43.6	5.0					
50433		43.6	48.6	5.0					
50434		48.6	53.8	5.2					
50435		54	55.3	1.3					
50436		55.8	60.8	5.0					
50437		60.8	65	4.2					
50438		66.4	71.4	5.0					
50439		71.4	76.4	5.0					
50440		76.4	81	4.6					
50441		81	85	4.0					
50442		85	89.6	4.6					
50443		90.4	95.4	5.0					

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 8

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPH IDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
		P-86 -18 continued	50444		101	106.7	5.7				
			50445		167.5	162.5	5.0				
		P-86-27 3 samples	50403		351.0	357.4	6.4				
			50407		358	359.9	1.9				
			50408		360.4	365.4	5.0				
		P-86-9 7 samples	50459		287.5	293.6	6.1				
			50460		347	351.5	4.5				
			50479		352	357	5.0				
			50480		357	362	5.0				
			50481		362	364.1	2.1				
			50482		459.6	464.6	5.0				
			50483		465.1	470.1	5.0				
		P-86-8 18 samples	50484		208.2	213.2	5.0				
			50485		213.8	218.1	4.3				
			50486		218.6	222.4	3.8				
			50487		222.9	228.1	5.2				
			50488		241.7	243.3	1.6				
			50489		243.7	247	3.3				
			50490		316	321	5.0				
			50491		321	326	5.0				

FORM 2

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ LENGTH _____

LOCATION _____

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP _____

STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 9

REMARKS _____

LOGGED BY _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
		P-86-8 continued	50492		326	328	2.0				
			50493		328	333	5.0				
			50494		333	338	5.0				
			50495		338	343	5.0				
			50496		343	348	5.0				
			50497		348	353	5.0				
			50498		353	358	5.0				
			50499		433	438	5.0				
			50500		438	443	5.0				
			50301		443	448	5.0			<	
		P-86-7 5 samples	50302		273.3	277	3.7				
			50303		279	284	5.0				
			50304		300	305	5.0				
			50305		307	309.2	2.2				
			50306		311	315	4.0				

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ LENGTH _____

LOCATION _____

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP _____

STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 10

REMARKS _____

LOGGED BY _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
		P-86-22 4 samples	50307		56.7	59.2	2.5'				
			50308		59.2	63	3.1				
			50309		63	65.4	2.4				
			50310		65.8	70.3	4.5'				
		P-86-2[illegible] 10 samples	50311		393	394.9	1.9'				
			50312		395.4	400.4	5.0				
			50313		400.4	405.4	5.0				
			50314		405.4	410.4	5.0				
			50315		410.4	415.4	5.0				
			50316		415.4	420.4	5.0				
			50317		420.4	425.4	5.0				
			50318		425.4	430.4	5.0				
			50319		439.5	444.5	5.0				
			50320		444.5	449.5	5.0				
		P-86-[illegible] 3 samples	50321		414.7	419.7	5.0				
			50322		420.7	427	6.3				
			50323		429	434	5.0				

LANGRIDGES – TORONTO – 366-1169

FORM 1

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ LENGTH _____

LOCATION _____

LATITUDE _____ DEPARTURE _____

ELEVATION _____ AZIMUTH _____ DIP _____

STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. _____ SHEET NO. 11/4

REMARKS _____

LOGGED BY _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
		P-86-19 27 samples

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	TOTAL	ASSAYS %	%	OZ/TON	OZ/TON
50324	—	230.55	235.4	4.85				
50325	—	235.7	240.7	5.0				
50326	—	240.7	245.95	5.25				
50327		246.15	251	4.85				
50328		271	276	5.0				
50329		297	302	5.0				
50330		302	307	5.0				
50331		354.2	358.2	4.0				
50332		359.8	360.7	0.9				
50333		361.5	366.5	5.0				
50334		366.5	371.5	5.0				
50335		371.5	376.5	5.0				
50336		376.5	381.5	5.0				
50337		381.5	386.5	5.0				
50338		386.5	391.5	5.0				
50339		391.5	396.5	5.0				
50340		396.5	401.5	5.0				
50341		401.5	406.5	5.0				
50342		406.5	411.5	5.0				
50343		411.5	416.5	5.0				
50344		416.5	421.5	5.0				
50345		421.5	424.3	2.8				

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. _____ SHEET NO. 12 A

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
		P-86 - 19 - continued

SAMPLE NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
50346		425.4	431.4	6.0				
50347		431.7	436.7	5.0				
50348		436.7	441.7	5.0				
50349		441.7	446.7	5.0				
50350		492.5	494.4	1.9				

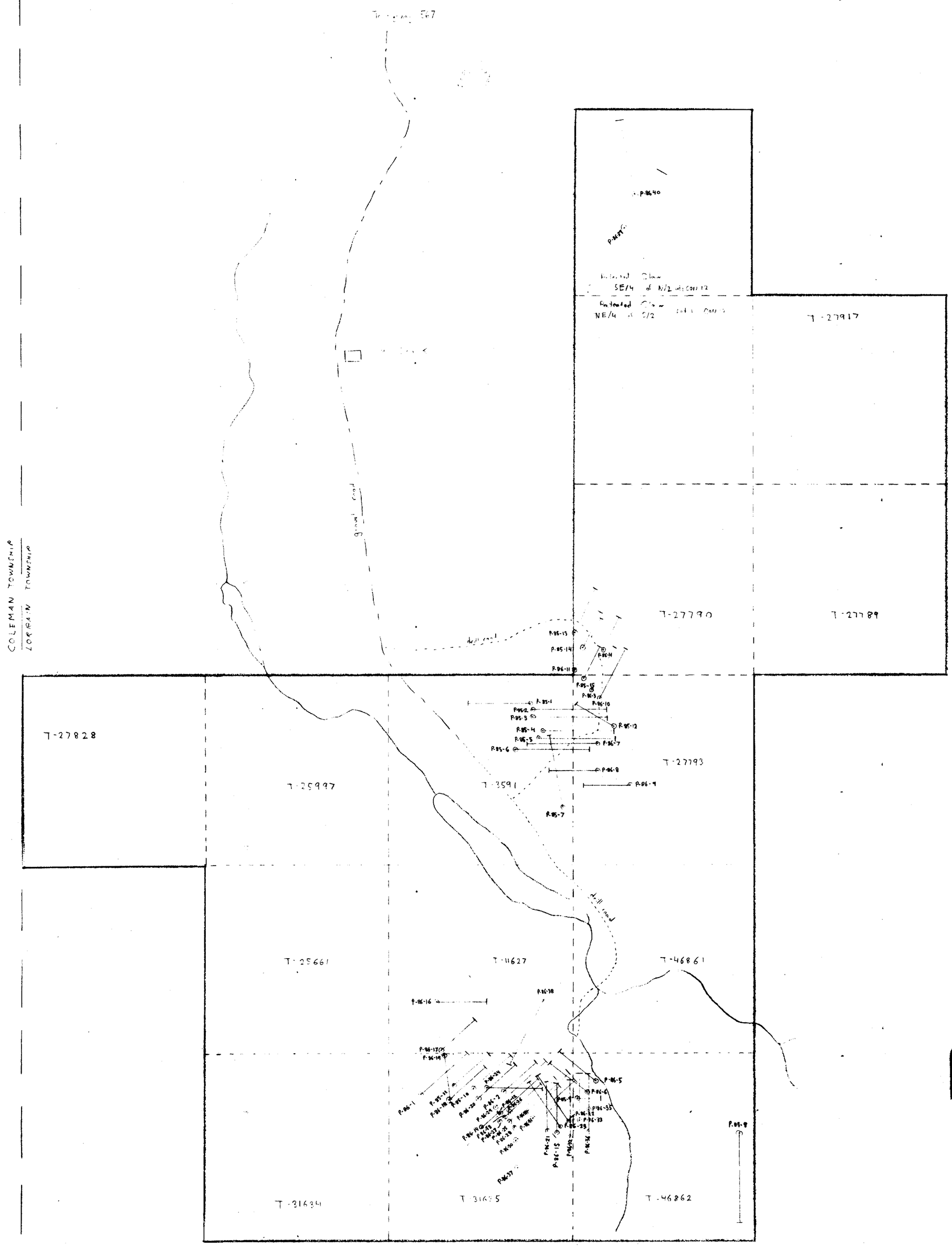
FORM 2

BUCKE TOWNSHIP

LORRAIN TOWNSHIP

COLEMAN TOWNSHIP

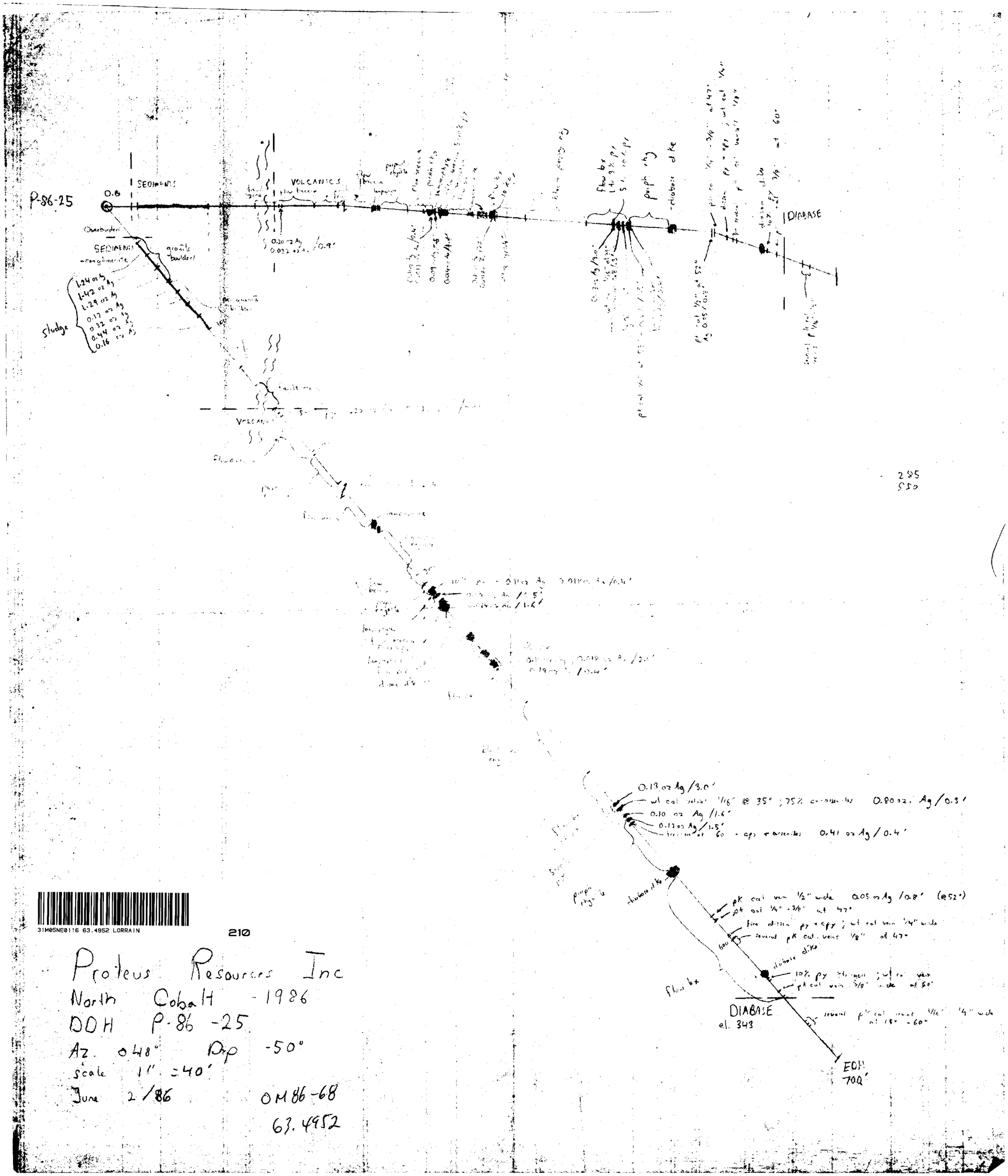
LORRAIN TOWNSHIP



PROTEUS RESOURCES INC	
Drill Hole Location Plan - N Cobalt 1985-1986	
Scale 1" : 400'	March 1986
P-85-1 ⟶ Diamond Drill Hole	
drawn by AR	

OM86-68

63.4952

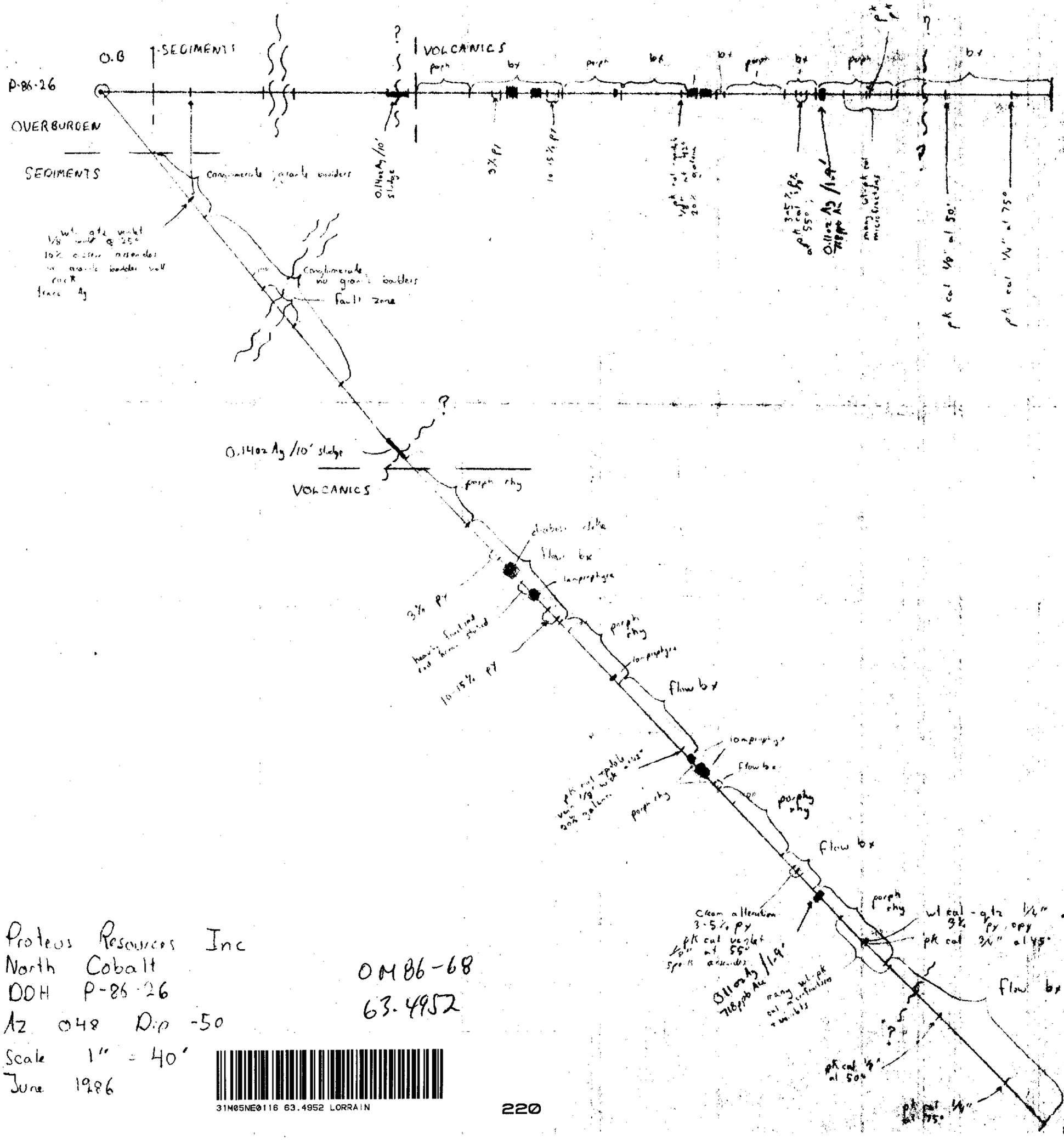


285
550

210

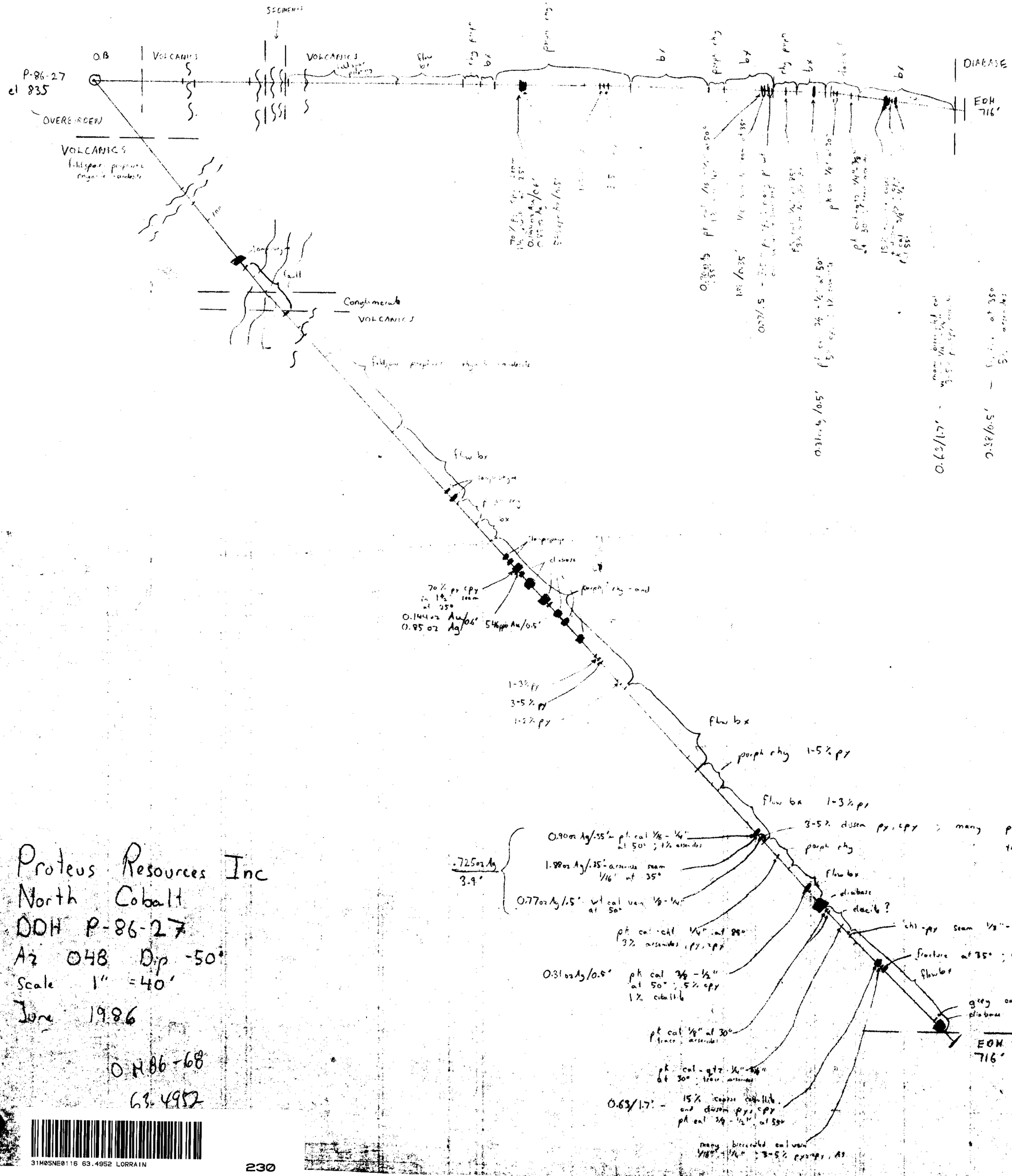
Proteus Resources Inc
North Cobalt - 1986
DDH P-86-25
Az. 048° Dip -50°
Scale 1" = 40'
June 2/86

OM86-68
63.4952



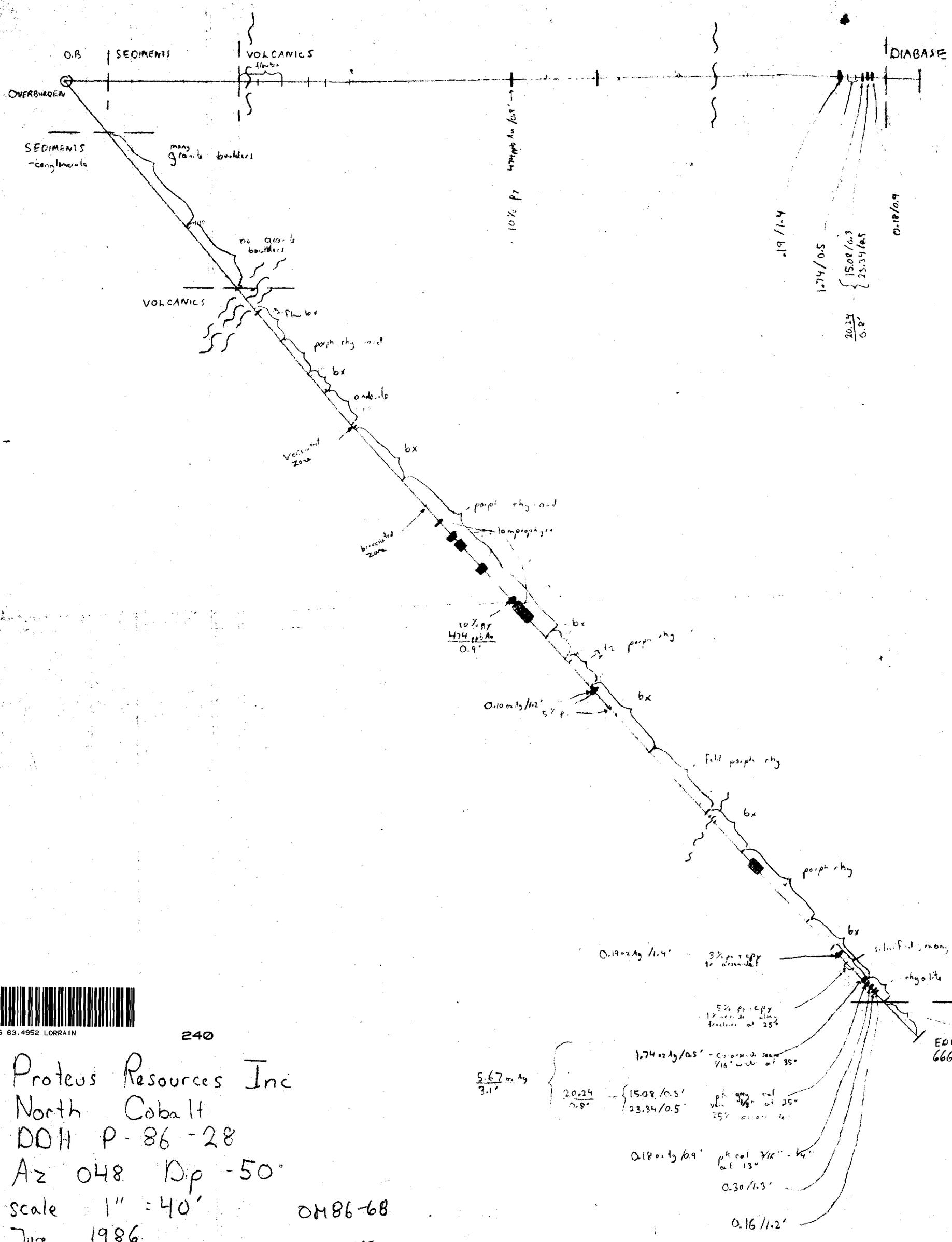
Proteus Resources Inc
North Cobalt
DDH P-86-26
Az 048 Dip -50
Scale 1" = 40'
June 1986

OM86-68
63.4952



Proteus Resources Inc
North Cobalt
DDH P-86-27
Az 048 Dip -50°
Scale 1" = 40'
June 1986

DH86-68
63.4952

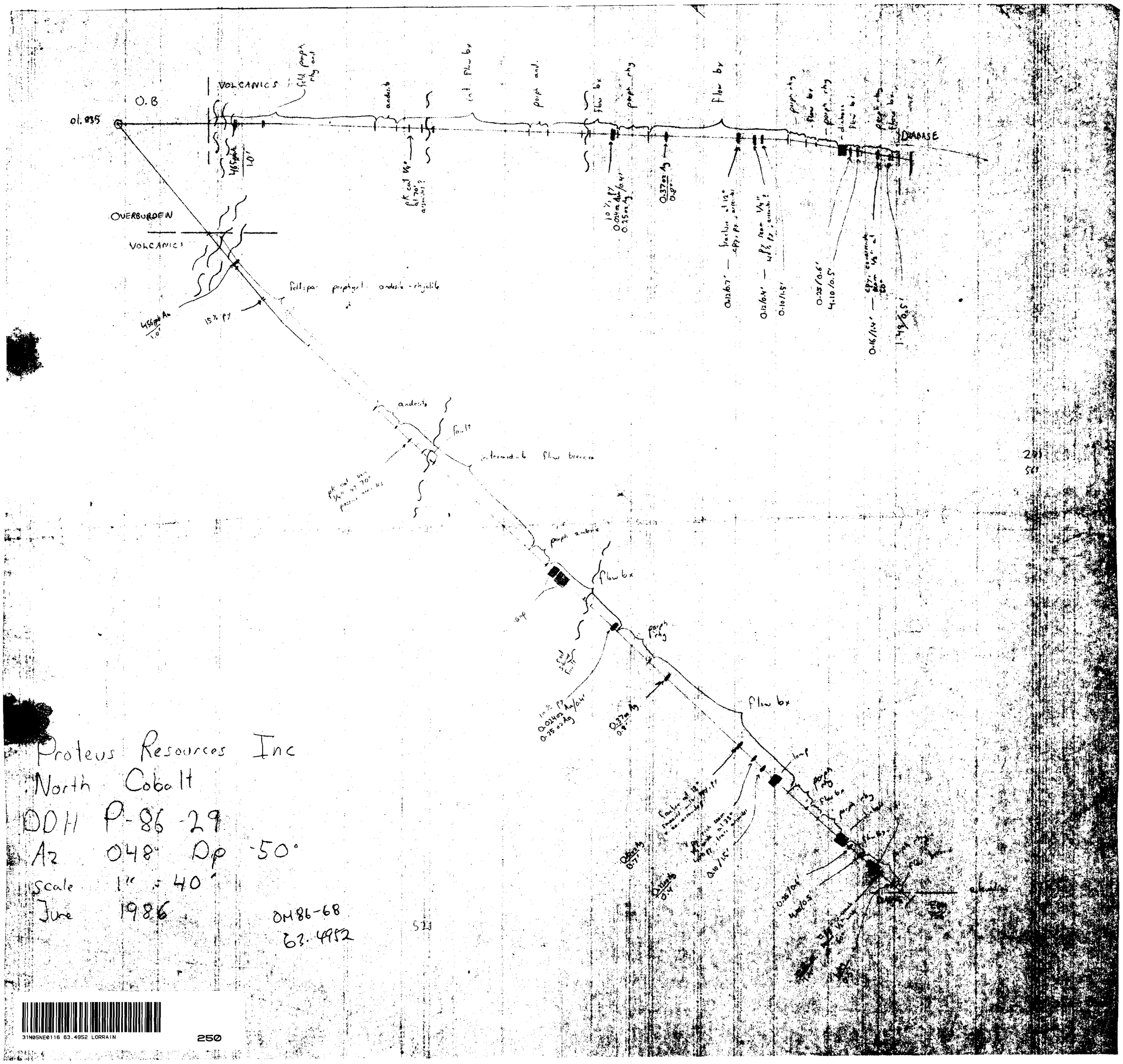


240

Proteus Resources Inc
North Cobalt
DDH P-86-28
Az 048 Dip -50°
scale 1" = 40'
June 1986

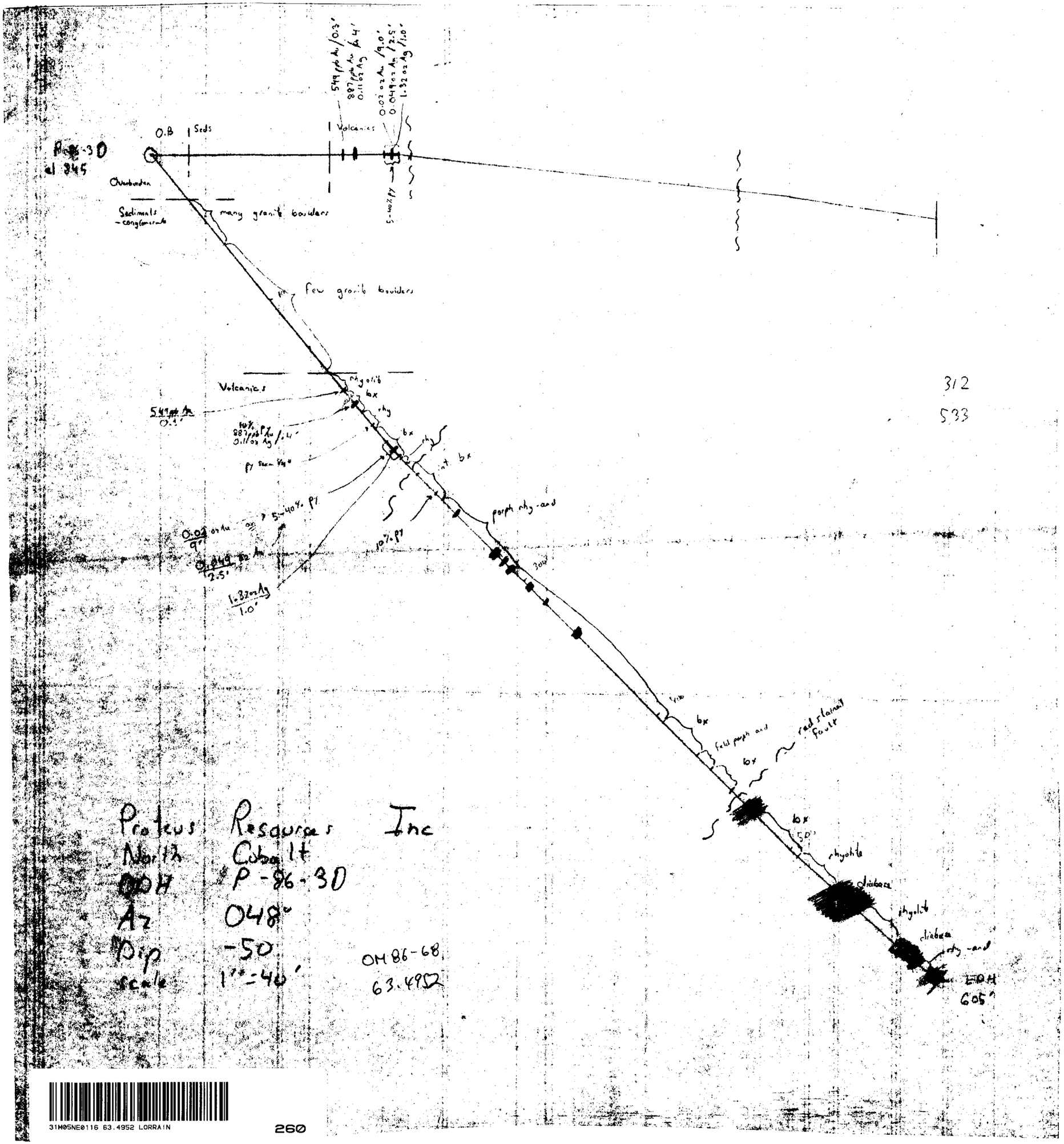
OM86-68

63.4952



Proteus Resources Inc
North Cobalt
DDH P-86-29
Az 048° Dp -50°
Scale 1" = 40'
June 1986

OM86-68
63.4952



Proteus Resources Inc

Nbr 12 Cobalt

DDH P-86-30

Az 048°

Dip -50

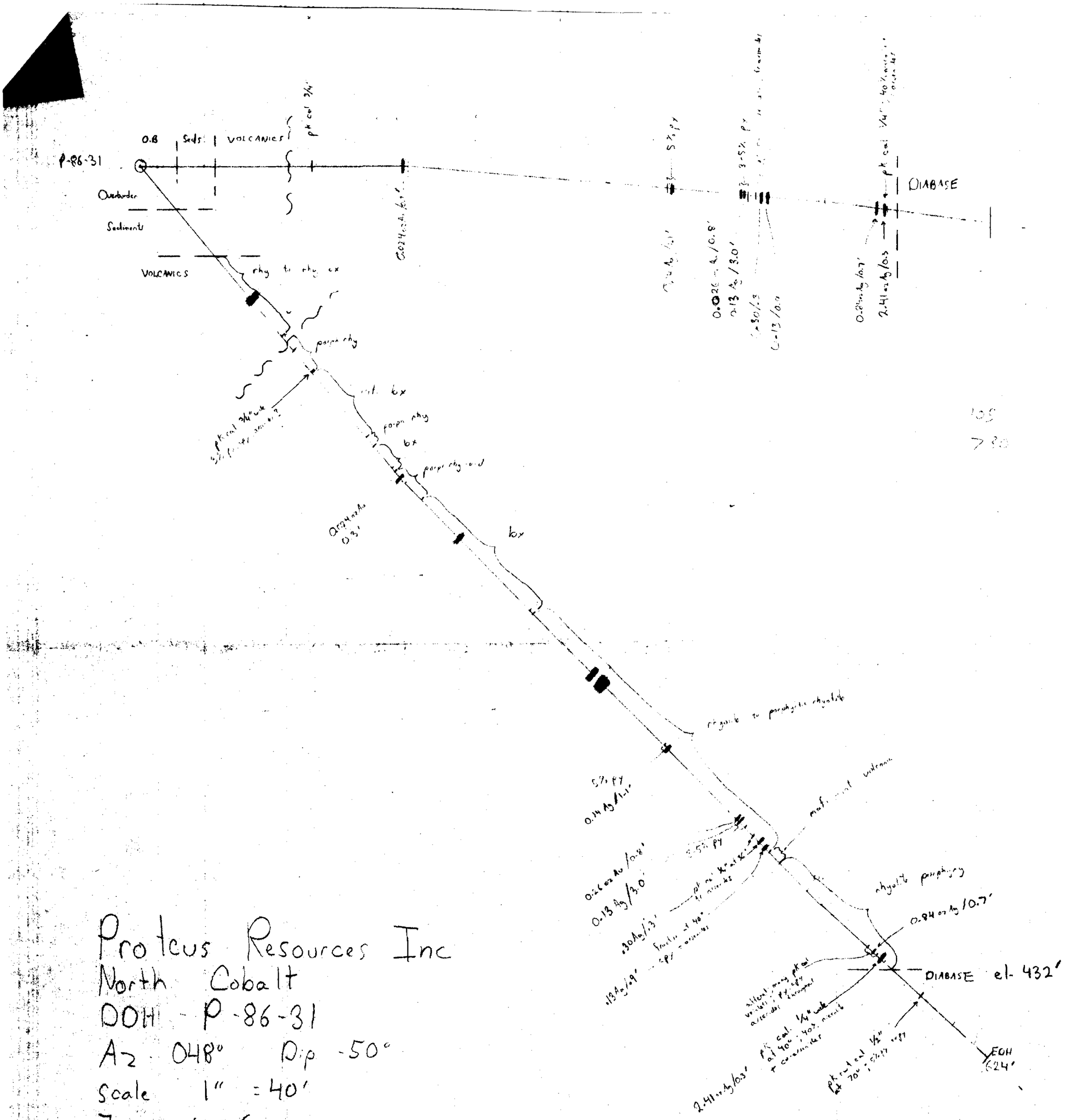
Scale 1"=40'

OM 86-68

63.4952

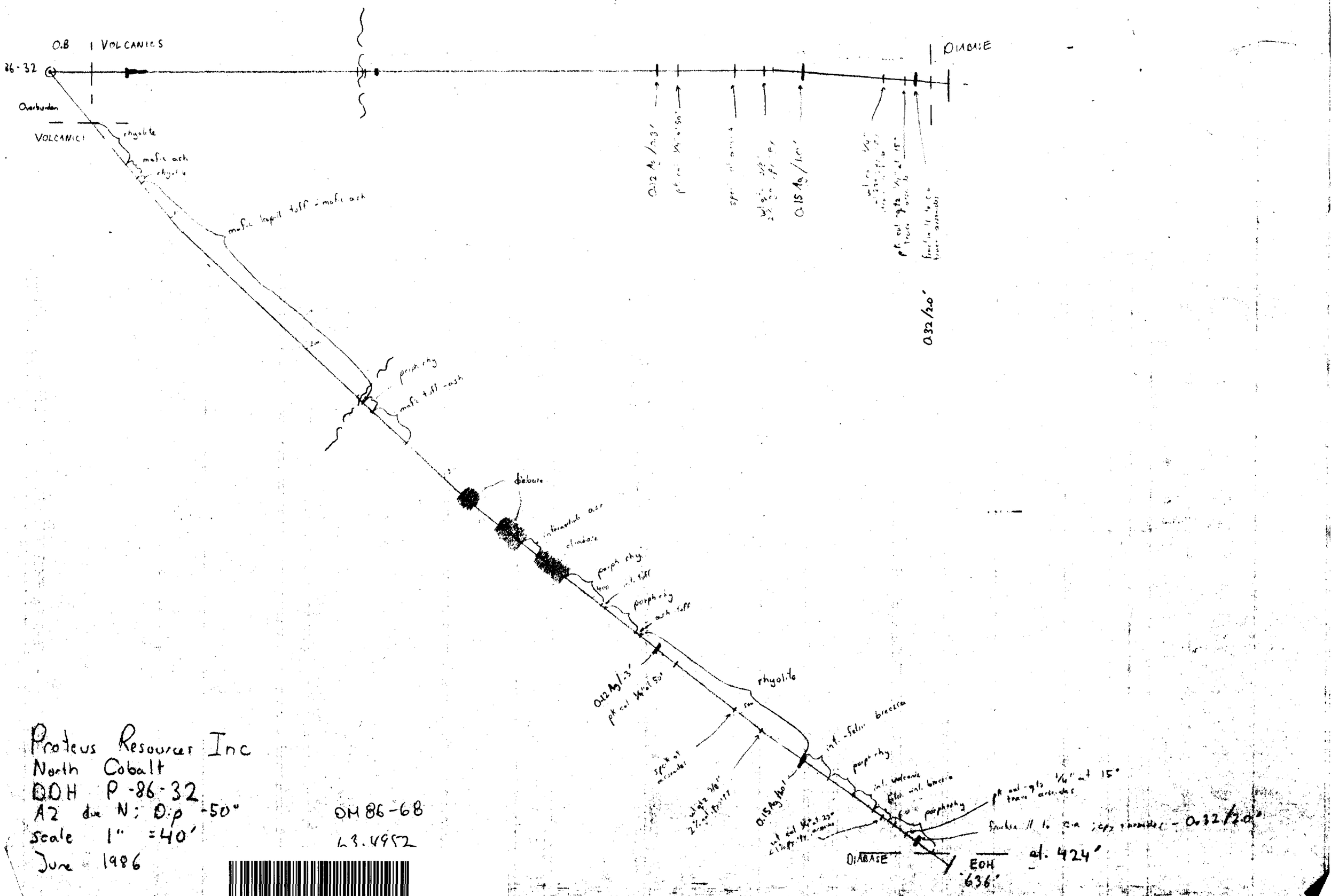
312

533



Proteus Resources Inc
North Cobalt
DDH - P-86-31
Az 048° Dip -50°
Scale 1" = 40'
June 1986

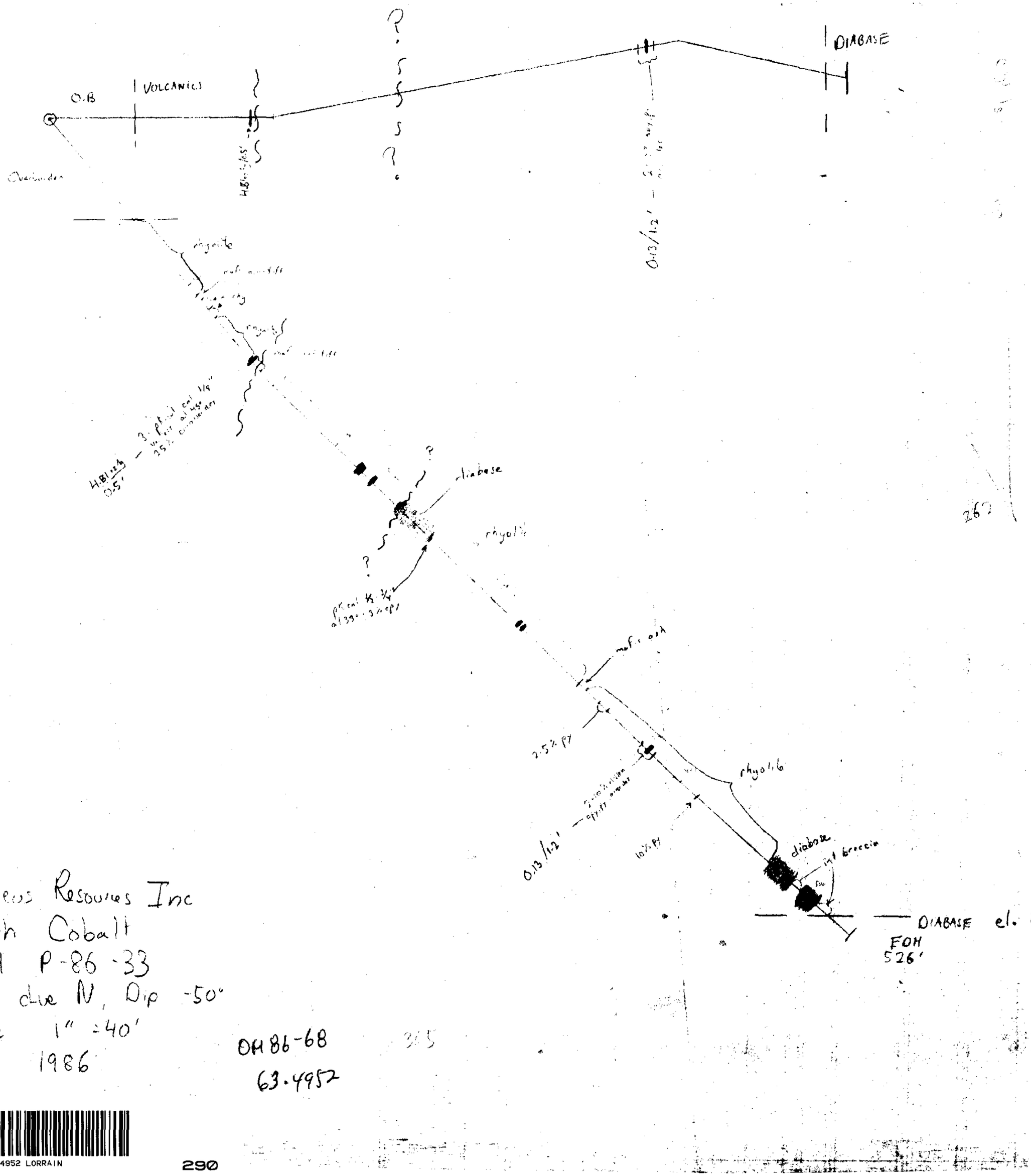
OM86-68
63.4952



Proteus Resources Inc
North Cobalt
DDH P-86-32
A2 dip N; Dip -50°
Scale 1" = 40'
June 1986

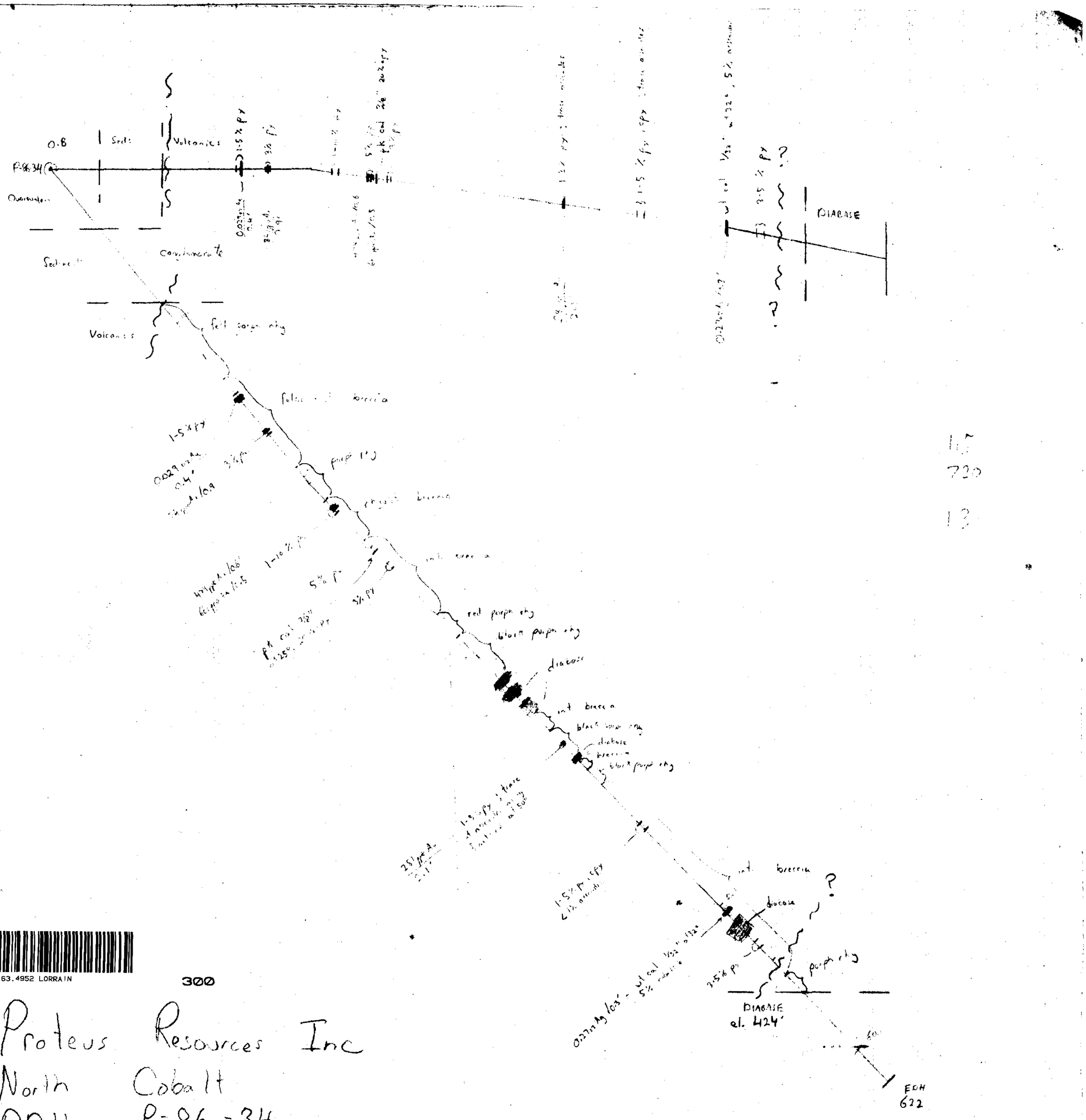
OM 86-68
43.4952

P-86-33



Proteus Resources Inc
North Cobalt
DDH P-86-33
AZ due N, Dip -50°
Scale 1" = 40'
June 1986

OH 86-68
63.4952



Proteus Resources Inc

North Cobalt

DDH P-86-34

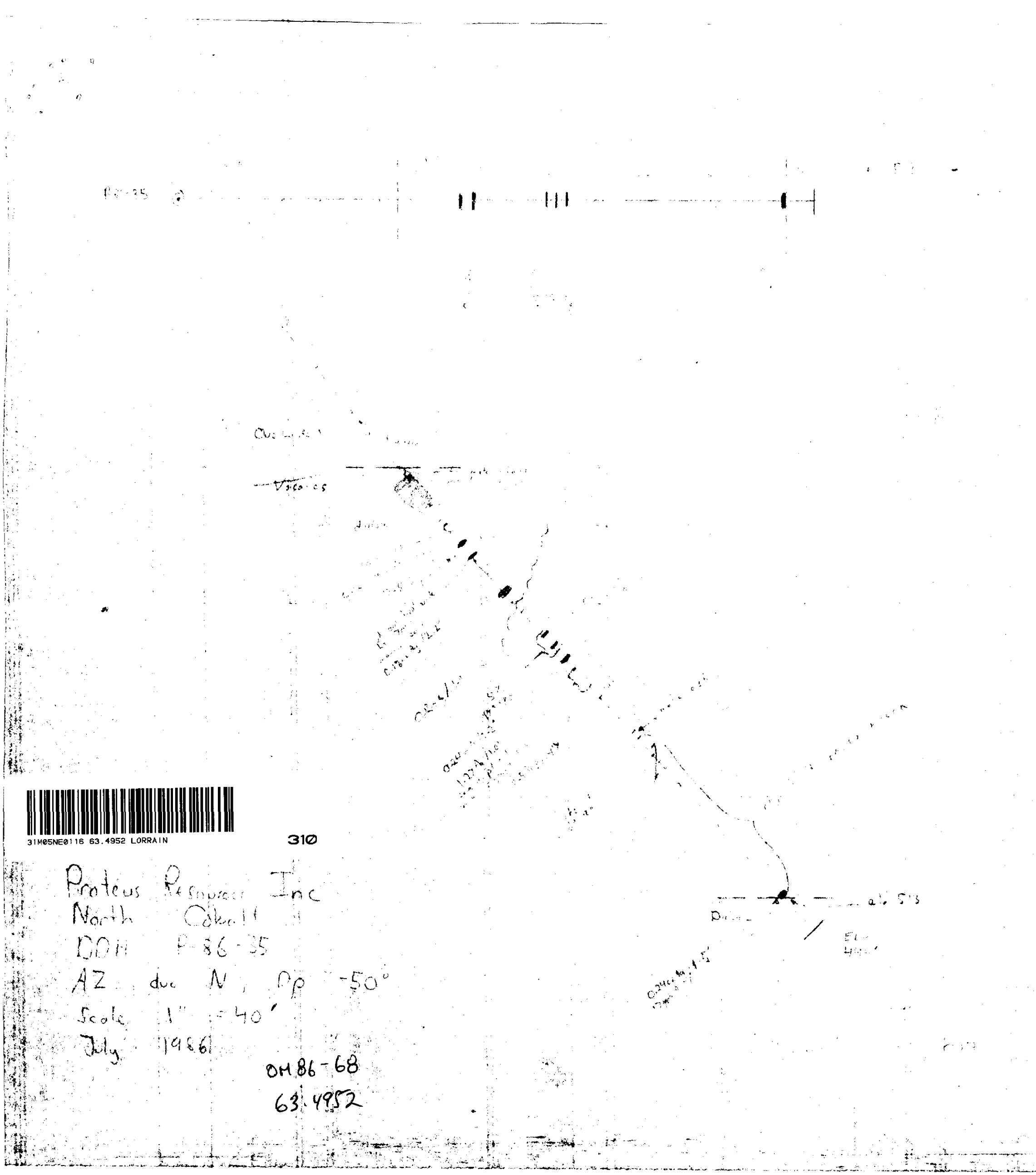
AZ 048° Dip -50°

Scale 1" = 40'

July 1986

OH86-68

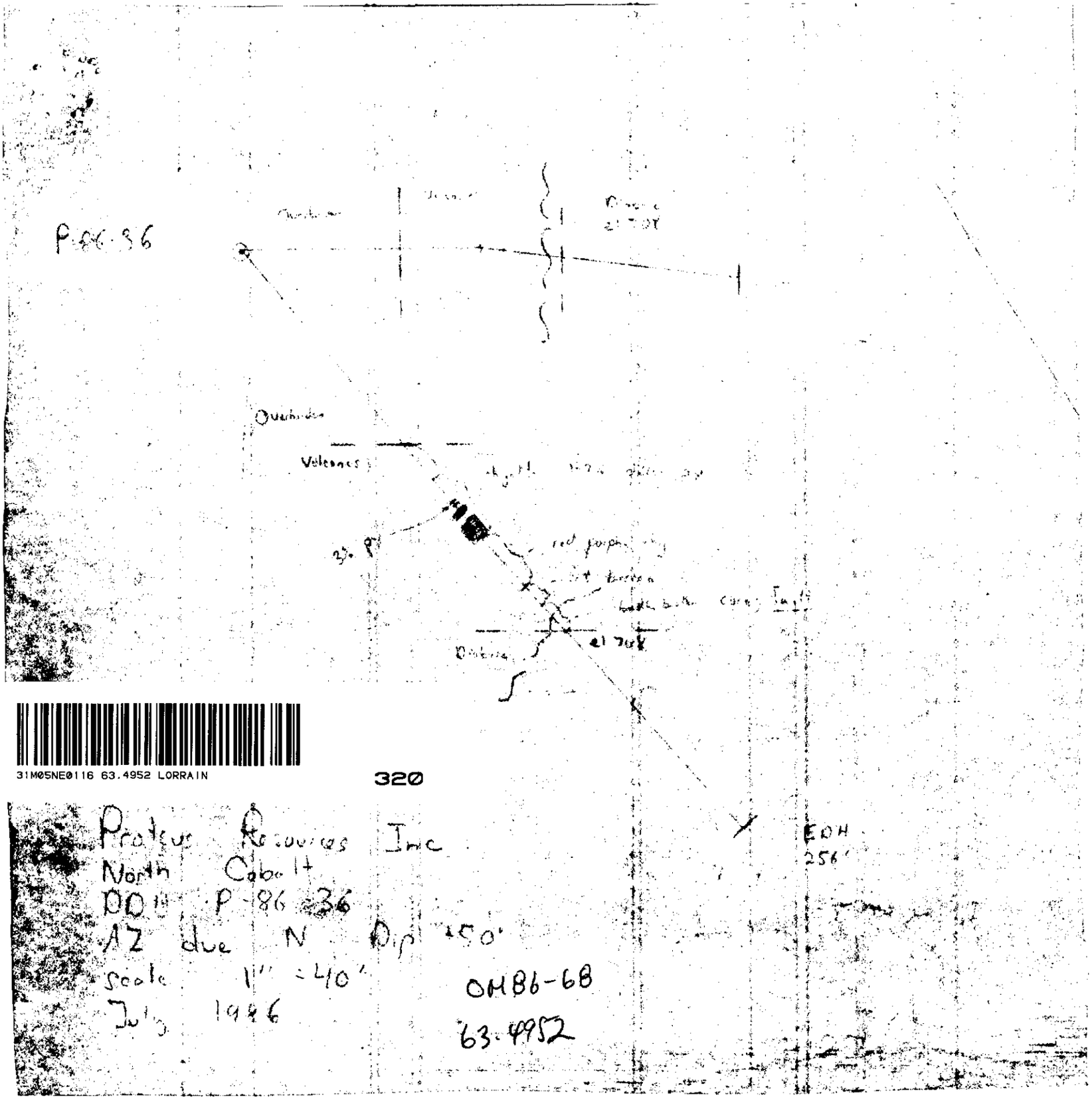
63.4952



310

Proteus Resources Inc
North Cobalt
DDH P-86-35
AZ due N, Dip -50°
Scale 1" = 40'
July 1986

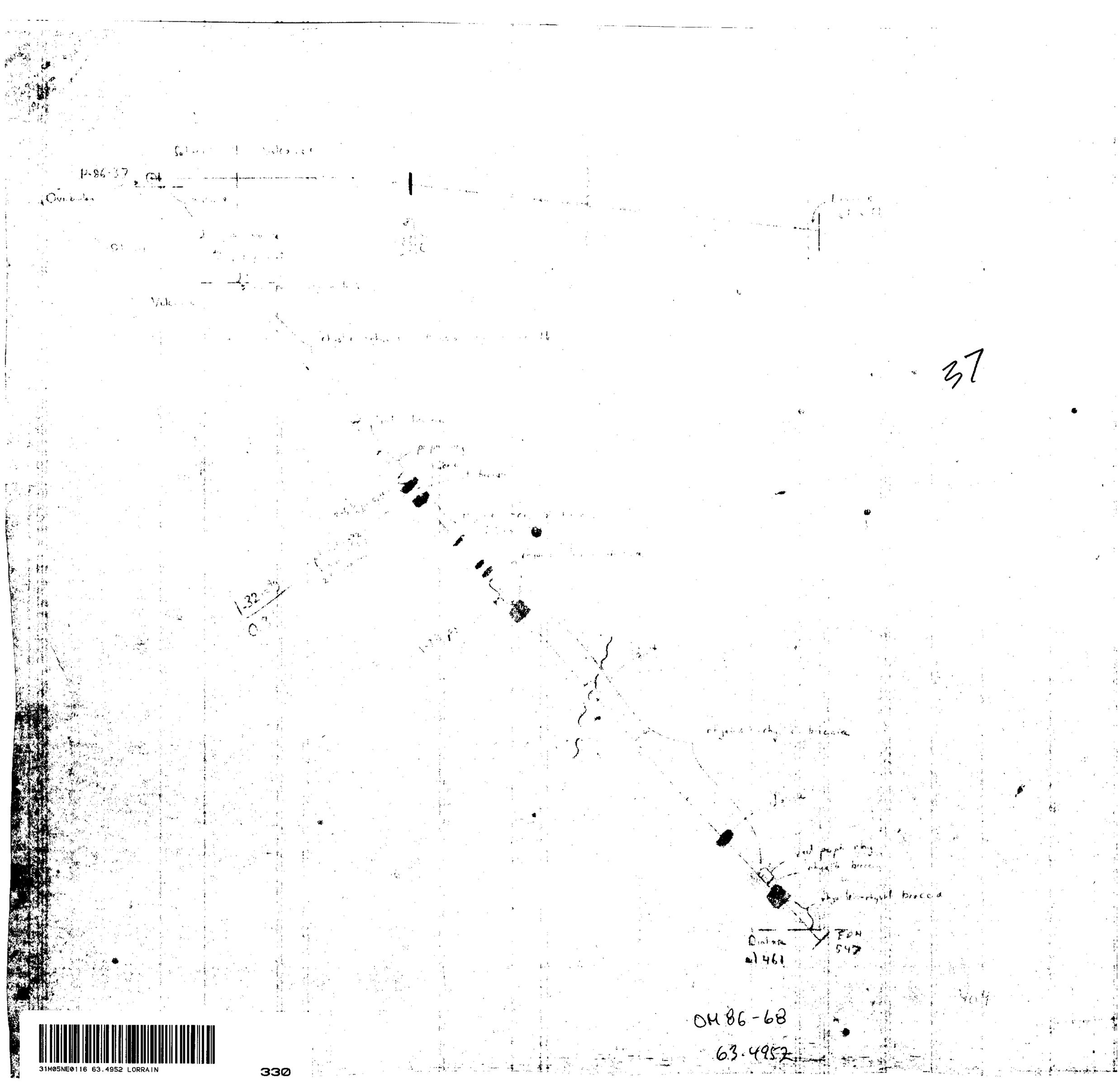
OM 86-68
63.4952



320

Protego Resources Inc
North Cobalt
DDH P-86-36
AZ due N Dip -50°
Scale 1" = 40'
July 1986

OM86-68
63.4952



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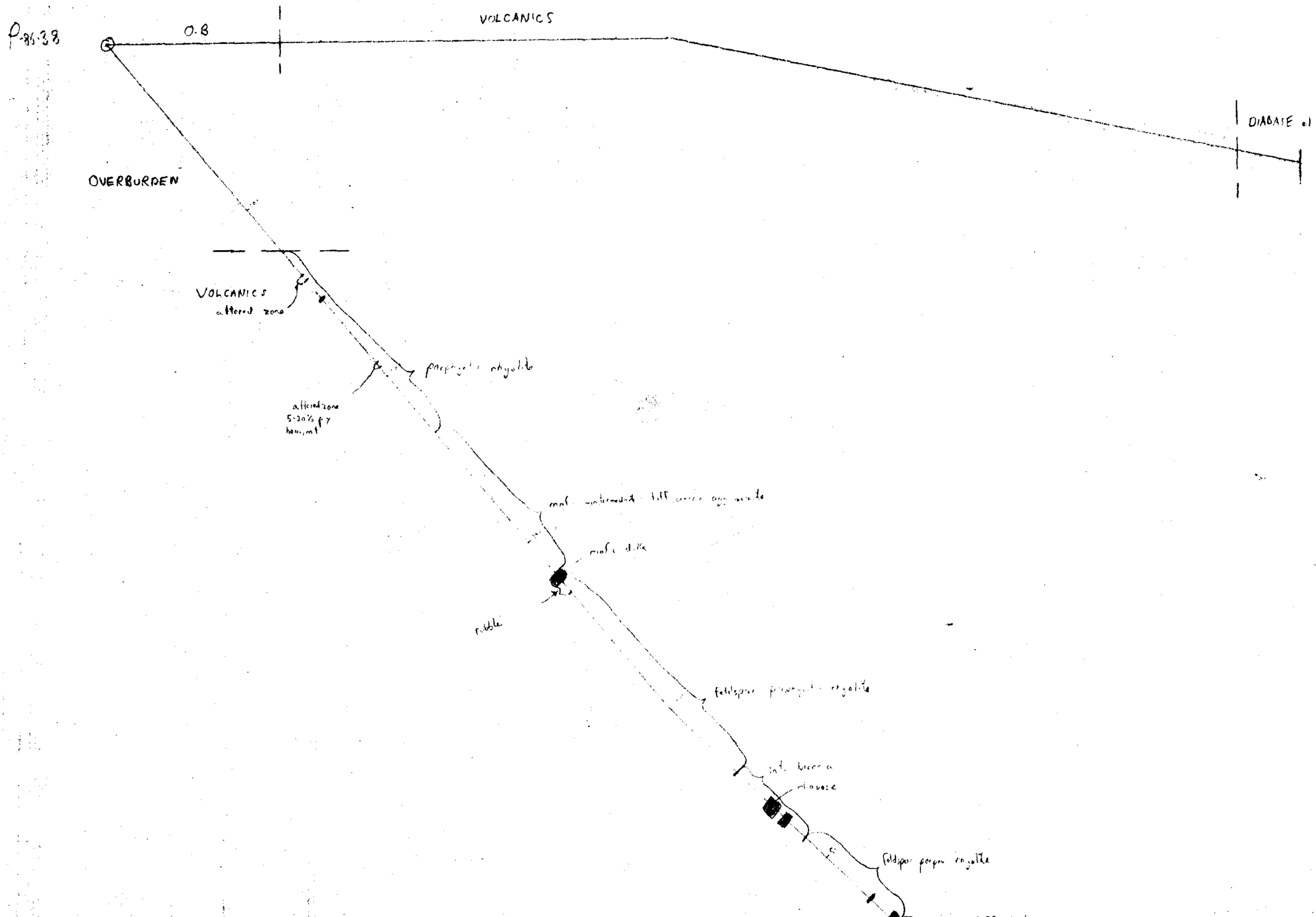
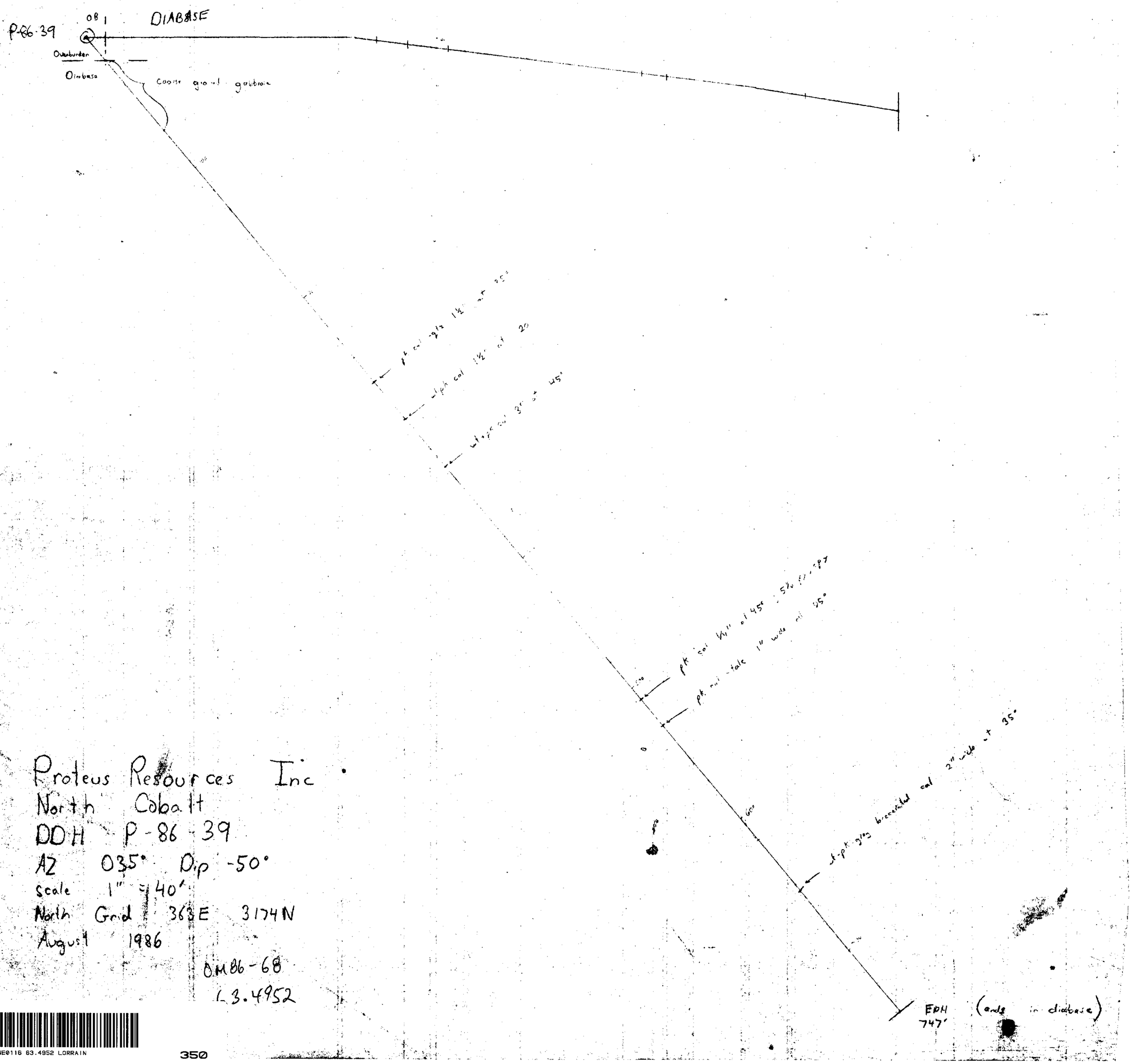


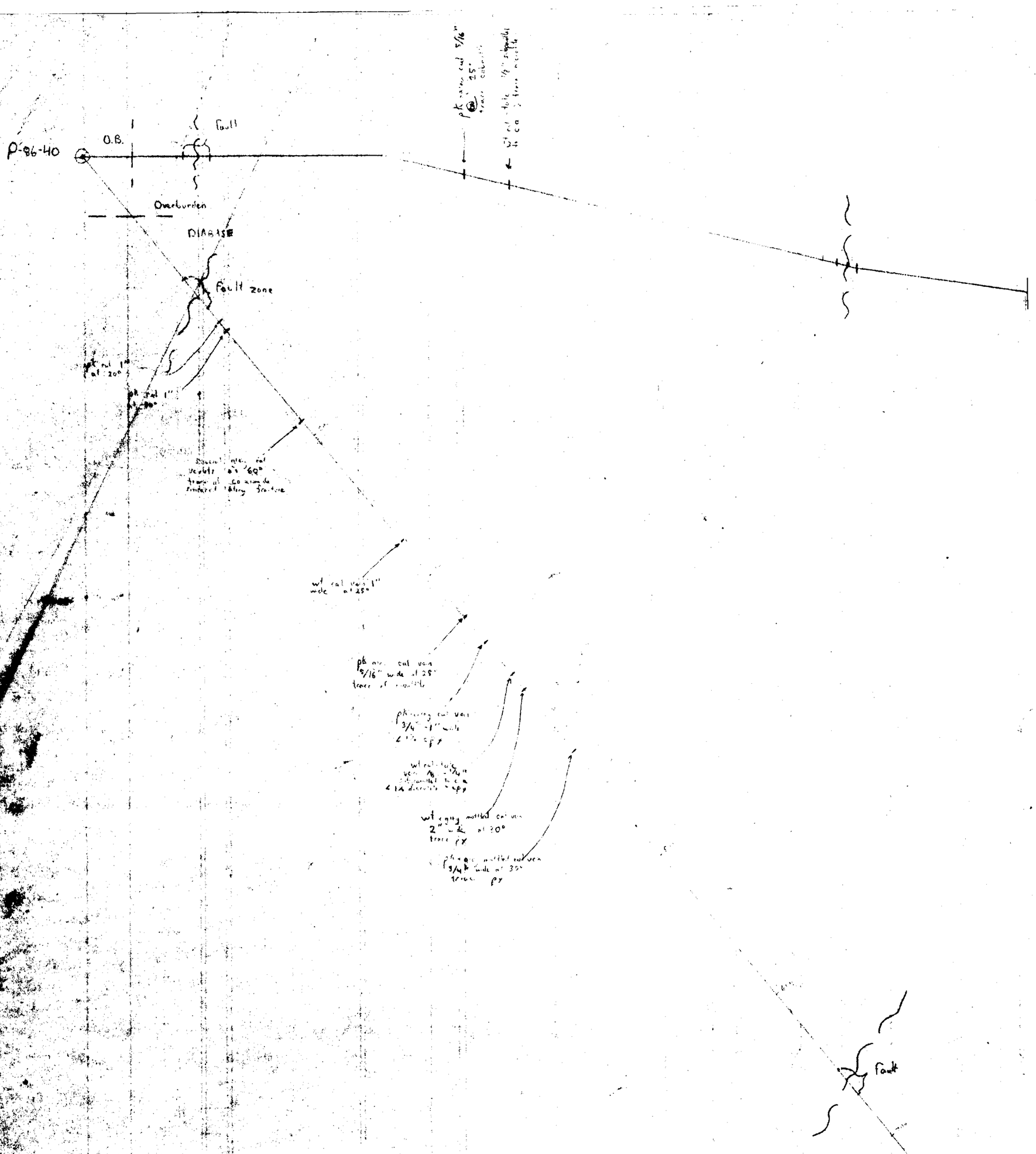
Proteus Resources Inc
North Cobalt
DDH P-86-38
AZ 208° Dip -50°
Scale 1" = 40'
August 1986

OM86-68
63.4952



Proteus Resources Inc.
North Cobalt
DDH P-86-39
AZ 035° Dip -50°
Scale 1" = 40'
North Grid 363E 3174N
August 1986

OM86-68
L3.4952



Proteus Resources Inc.
Ruby Valley - North Cobalt
DDH P-86-40
AZ 349° Dip -50°
Scale 1" = 40'
Aug 1986

DM84-68
6314952