

ARIS SUMMARY SHEET

District Geologist, Victoria

Off Confidential: 90.03.31

ASSESSMENT REPORT 18615

MINING DIVISION: Vancouver

PROPERTY: Red Tusk  
LOCATION: LAT 49 46 00 LONG 123 19 00  
UTM 10 5512517 477195  
NTS 092G14W

CAMP: 021 Britannia Area

CLAIM(S): Red Dawn, Silver Tusk, Mavis, Cam I  
OPERATOR(S): Schellex Gold  
AUTHOR(S): Chung, P.L.  
REPORT YEAR: 1989, 39 Pages

COMMODITIES

SEARCHED FOR: Copper, Lead, Zinc, Silver, Gold  
KEYWORDS: Cretaceous, Gambier Group, Roof Pendant, Rhyodacite, Greenstone  
Argillite, Andesite, Pyrite, Chalcopyrite, Sphalerite, Galena

WORK

DONE: Geological, Geochemical, Physical  
GEOL 1000.0 ha  
Map(s) - 1; Scale(s) - 1:10 000  
ROCK 166 sample(s); ME  
Map(s) - 1; Scale(s) - 1:10 000  
TREN 70.0 m 1 trench(es)

RELATED

REPORTS: 10279, 11180, 12660, 14478  
MINFILE: 092GNW051

LOG NO: 0406	RD.
ACTION:	
FILE NO:	

GEOCHEMICAL and GEOLOGICAL

on the

RED TUSK PROPERTY

Vancouver Mining Division  
British Columbia

North Lat. 49°46' West Long. 123°19'  
NTS 92G/14W

FILMED

Prepared for

SCHELLEX GOLD CORP.  
820-650 West Georgia Street  
Vancouver, B.C.  
V6B 4N8

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GEOLOGICAL BRANCH  
ASSESSMENT REPORT

18,615

Prepared by

BOA SERVICES LTD.  
P.O. BOX 11569  
840-650 West Georgia Street  
Vancouver, B.C.  
V6B 4N8

December 27, 1988

Paul P.L. Chung F.G.A.C.  
Consulting Geologist

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## INTRODUCTION

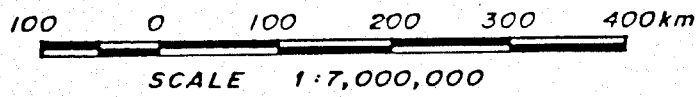
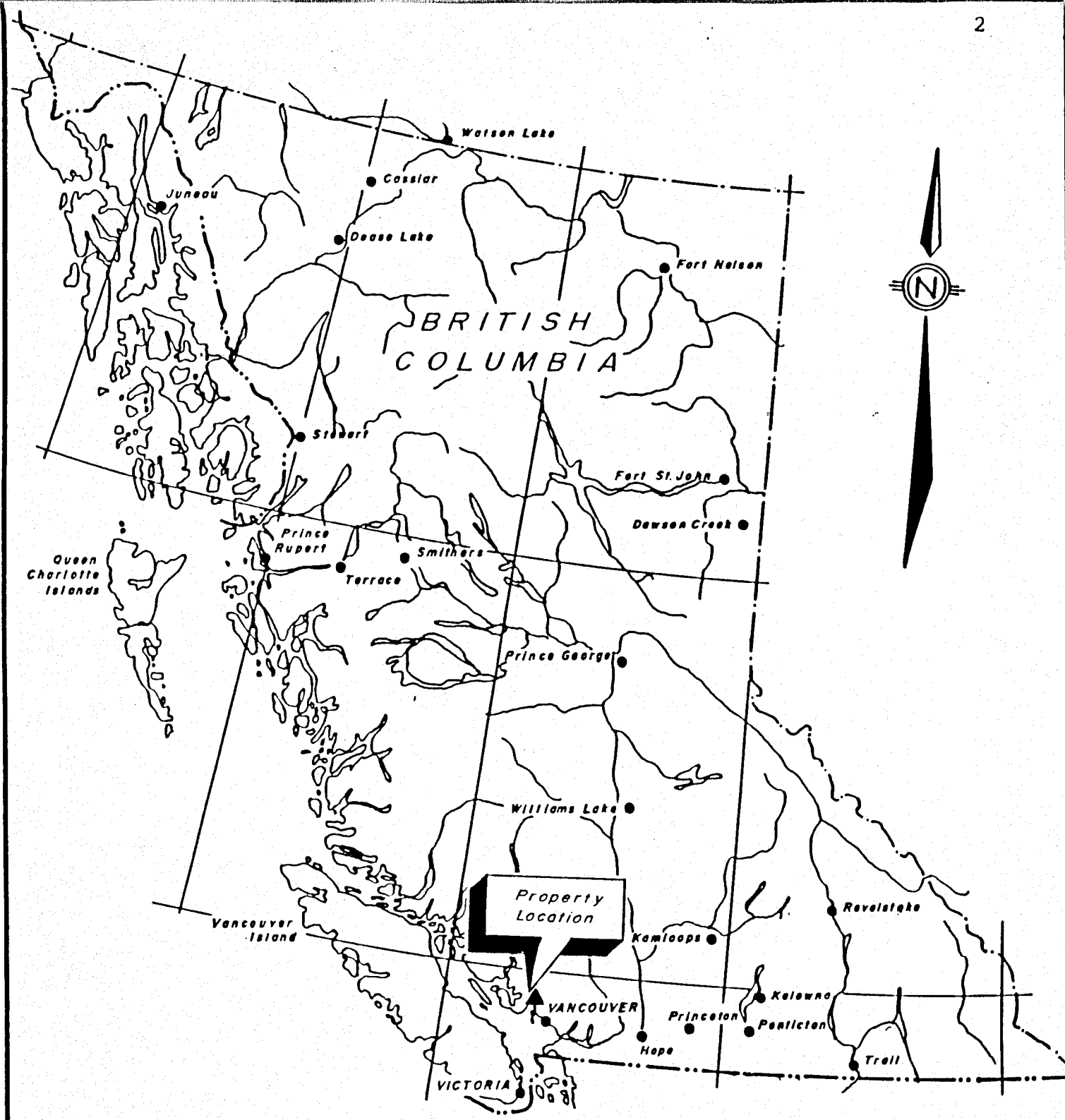
The Red Tusk property is a precious metal prospect associated with an altered mineralized horizon of a volcanic - sedimentary sequence within a pendant in the Coast Plutonic Complex. The property is owned by J.W. Laird and was optioned in 1988 by Schellex Gold Corp. of 820-650 W. Georgia Street. This report on the Red Tusk property, prepared at the request of the directors of the company, summarizes the exploration program conducted on the property. This program, which consisted of prospecting, trenching and a rock geochemistry survey was conducted from August 8th to 21st, 1988 and from September 20th to October 6th, 1988.

## SUMMARY

The Red Tusk property is comprised of 7 claims totalling 73 units and is situated in the Vancouver Mining Division. The claims are located in the Tantalus Mountain Range of the Coast Mountains approximately 55 km north of Vancouver. Their geographic coordinates are 49°46'N latitude, by 123°19' W longitude.

Access to the property is possible by water taxi from Sechelt to the Clowhom Falls logging camp and thence by logging road for 26 km to the southwestern portion of the claims in the upper Red Tusk valley. Alternately, helicopter access is available from the town of Squamish.

Newmount Exploration of Canada Limited optioned the property from James W. Laird in 1982, and then conducted mapping and surface chip sampling programs between 1982 and 1984. These programs identified an altered and mineralized rhyolite which was subsequently tested with 12 diamond drill holes in 1985, 6



*Schellex Gold Corp.*

*Location Map*

**RED TUSK PROJECT**

**VANCOUVER MINING DIVISION**

**NTS: 92 G/14W**

*December, 1988*

*Boa Services Ltd.*

*Figure 1*

in each of the North and South Zones. This drilling program, which totalled 647.7 meters, produced mixed results. Four of the six drill holes in the North zone were collared in what was then thought to be large slide blocks and the analytical results from the drilling program were consistently lower than surface sampling results, suggesting either a surface enrichment or an undetermined surface sampling problem. However, drilling in the South Zone produce a trend of improving grades to depth and to the north.

A two phase program was conducted on the property between August 8th and October 6th of this year. The program consisted of prospecting and sampling. In total, 166 rock samples were collected from the property. The program was successful in extending the mineralized rhyolite unit to 2 kilometres in length and in discovering the Cirque zone and the source of the mineralization in the Mavis zone. The best results from the survey were returned from barite collected from the North zone, which assayed at .576 oz/ton Au and 4.90 oz/ton Ag.

The Red Tusk property is situated in a favourable geological setting for a volcanic associated deposit and the mineralization discovered to date has supported this potential. A program of prospecting, structural analysis, mapping and trenching is recommended for continuing exploration of the property. The estimated cost of this program is \$100,000.00.

## PROPERTY AND OWNERSHIP

The property is comprised of 7 claims which together total 73 units and cover approximately 1825 hectares. The claims are situated in the Vancouver Mining Division and are described as follows:

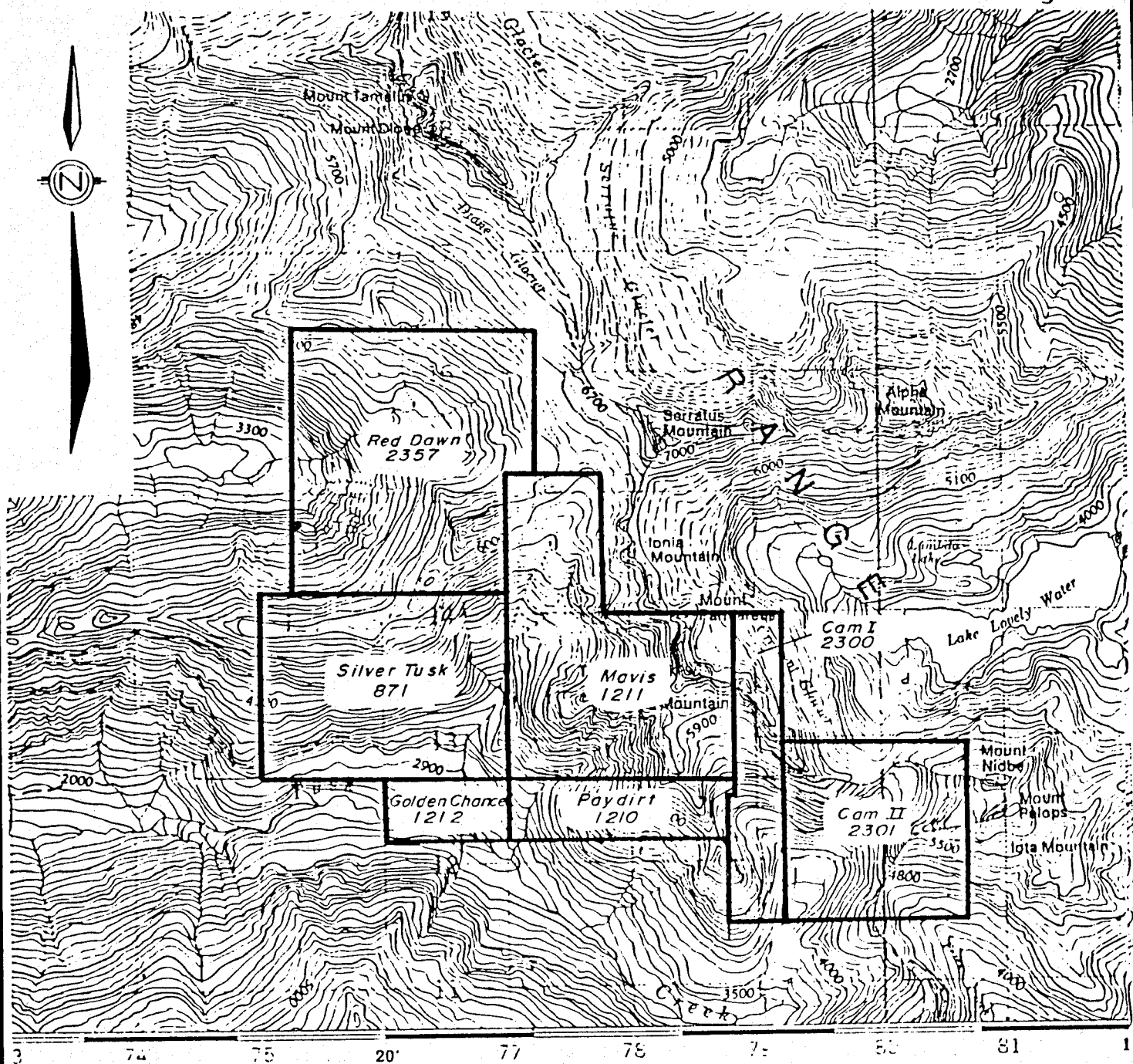
<u>Claim</u>	<u>Units</u>	<u>Record No.</u>	<u>Record Date</u>	<u>Expiry</u>	<u>Owner</u>
Silver Tusk	12	871	April 2/81	1990	J. Laird
Paydirt	5	1210	June 24/82	1989	J. Laird
Mavis	20	1211	June 24/82	1989	J. Laird
Golden Chance	2	1212	June 24/82	1989	J. Laird
Cam I	5	2300	May 19/88	1989	Schelllex G.C.
Cam II	9	2301	May 19/88	1989	Schelllex G.C.
Red Dawn	20	2357	Oct. 3/88	1989	Schelllex G.C.

## LOCATION AND ACCESS

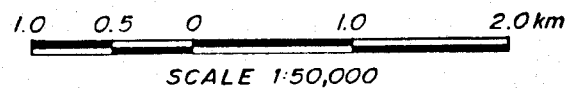
The property is located in the Tantalus Mountain Range of the Coast Mountains approximately 55 km north of Vancouver, B.C. The closest communities are Sechelt, 45 km to the southwest and Squamish, 14 km to the southwest (Figure 1).

The property can be reached by water taxi from Sechelt to the Clowhom Falls logging camp and thence by logging road for 26 km to the upper Red Tusk Valley. Alternately, a helicopter from Squamish, Sechelt or Vancouver can provide access to the area.





3 74 75 20' 77 78 79 80 81 1



*Schellex Gold Corp.*  
**Claim Map**  
**RED TUSK PROJECT**  
VANCOUVER MINING DIVISION  
NTS: 92 G/14W  
December, 1988 Figure 2  
*Boa Services Ltd.*

## PHYSIOGRAPHY

The claims overlie a portion of the rugged Tantalus Range mountains with local elevations varying from 600 meters to 2200 meters. Peaks are rugged, with small remnant glaciers above 1500 meters. Slopes are very steep and exposed to moderately steep and well timbered with large cedar, fir, hemlock and spruce. Red Tusk Creek, cutting through the property, has a broad U-shaped valley but tributary creeks are generally deeply incised with canyon side walls. Underbrush in timber is thin, but on open moderate slopes grow to a thick tangle of alder, ferns, some salal and devils club and young trees. A portion of the lower slopes and valley bottom has been recently logged.

The climate is relatively mild west coast. Temperatures range from -20 degrees to +30 degrees centigrade with about 300 cm of precipitation per year. The upper elevations ( over 1100 meters ) have snow cover from December to April and snow lasts in patches and protected draws into late summer.

## HISTORY

The property received no known exploration until 1981 when mineralization was discovered by James Laird. He then staked the Silver Tusk and Silver Tusk 1 claims and optioned the ground to Newmont Mines Ltd. in 1982. From 1982 to 1984, Newmont carried out surface mapping and rock chip sampling with limited stream sediment sampling. The majority of the work program was conducted on the Silver Tusk and Mavis claims.

This earlier work outlined an altered horizon of felsic volcanics within a series of sedimentary and volcanic units of a pendant of Lower Cretaceous Gambier rocks in the Coast Plutonic Complex. Anomalous values of Au, Ag, Cu, Pb and Zn are

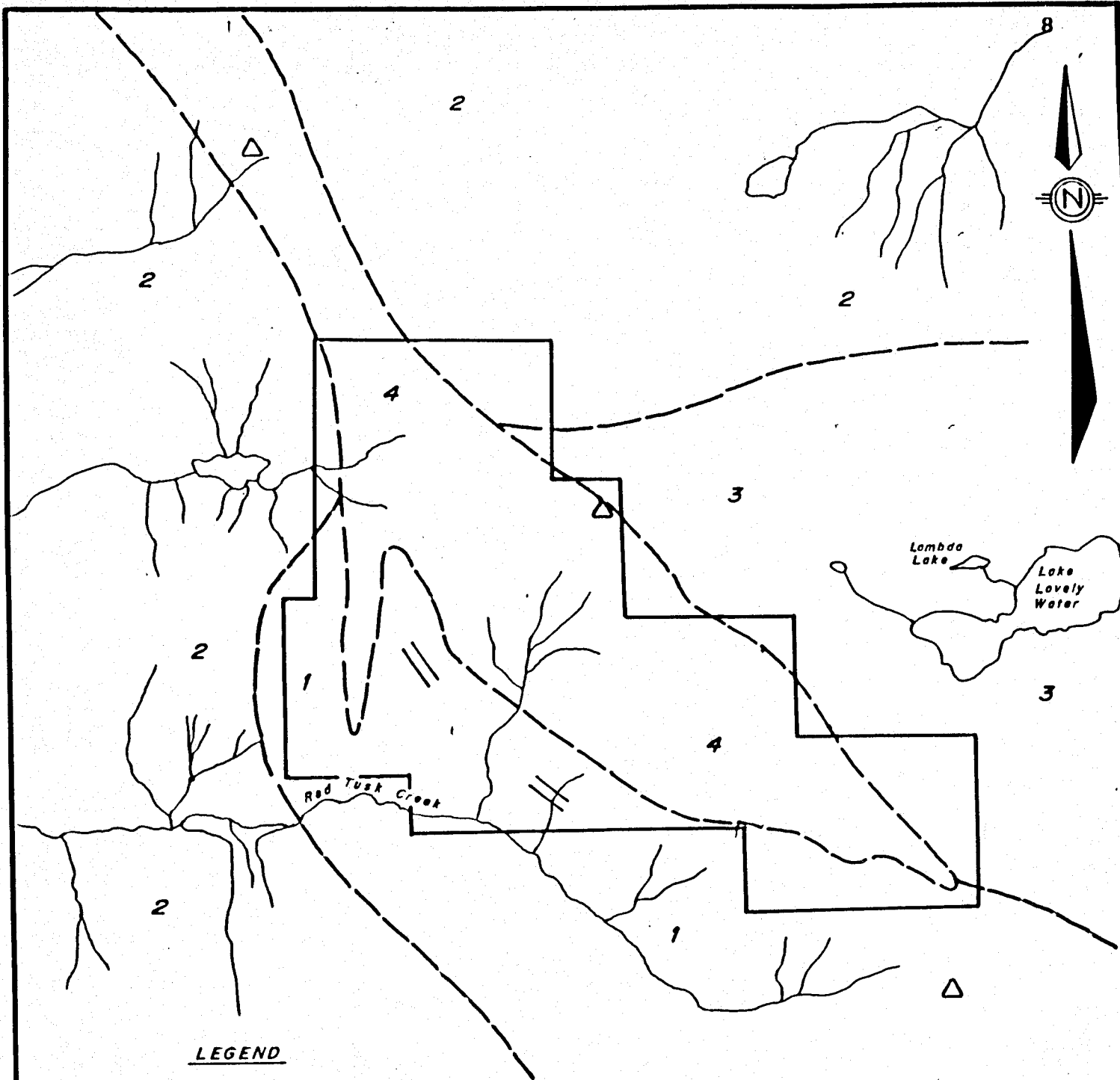
associated with this horizon in two zones separated by about 1100 meters. These two zones, known as the North and South zones were the targets of a drilling program by Newmont in 1985.

This drilling program consisted of 647.7 meters of BQ equivalent diamond drilling in 12 holes, 6 in each of the North and South zones. The results of the drilling suggested to Newmont that the mineralization in the North zone to be limited in size and lower in grade than surface mapping and sampling had indicated. The South zone however, returned more positive results as the drilling intersected vein mineralization which produced weak to moderate precious and base metal values.

#### REGIONAL GEOLOGY

The Coast Mountains of B.C. are composed of a complex assemblage of granitic, metamorphic, and stratified volcanic-sedimentary rocks. The whole complex of granitic rocks, roof pendants, inclusions and dykes is known as the Coast Crystalline Complex and extends northwesterly from Vancouver, B.C. up into Alaska.

The Clowhow Pendant (Figure 3) is an elongate pendant of Cretaceous Gambier Group volcanic and sedimentary rocks which was mapped by Roddick and Woodsworth and which is known to extend from a point 11 km northwest of Squamish for at least 40 km to the northeast. The Gambier Group consists primarily of andesite to rhyodacite flows and pyroclastic, greenstone, argillite, minor conglomerate, limestone and schist. The pendant is surrounded by intrusive rocks and appears to have undergone local hornfelsing, folding and faulting. The Britannia copper deposit at Britannia Beach is located in a similar pendant environment. Its production totalled 55 million tons of copper ore.



**LEGEND**

**LOWER CRETACEOUS**

**4** Gambier Group— andesite to rhyodacite flows and pyroclastics, greenstone, argillite; minor conglomerate, limestone and schist.

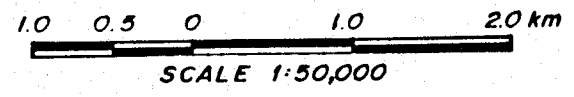
**PLUTONIC ROCKS (I.U.G.S. Classification, 1973)**

**3** Quartz Diorite ; ( Non- I.U.G.S. Classification, from older reports)

**2** Leucocratic quartz diorite, minor granodiorite and tonalite.

**1** Diorite, minor gabbro and quartz diorite

 Mineralization



Schellex Gold Corp.

## Regional Geology

### RED TUSK PROJECT

VANCOUVER MINING DIVISION  
NTS: 92 G/14W

December, 1988 Figure 3

Boa Services Ltd.

## 1988 EXPLORATION PROGRAM

The exploration program was managed by Boa Services Ltd., and conducted by personnel supplied by Quest Canada Exploration Services, a geological service company that specializes in mountaineering geology. The program was design to thoroughly investigate the property with special emphasis on the three mineralized zones (the North, South and Mavis zones) outlined by Newmont Explorations Ltd. Due to the rugged terrain, climbing techniques were often employed by experienced climbers to access areas of interest. This method proved instrumental in locating sources of mineralization. The program was conducted in two phases; the first phase was a general prospecting and sampling program. The second phase concentrated mostly on areas of interest identified during Phase I.

Phase I commenced on August 8th and was completed on August 21st. The program concentrated on prospecting and sampling of the North, South and Mavis zones. A total of 80 rock samples were collected, mostly from these three zones. From the prospecting, two additional zones were identified. These two zones were named the Cirque zone and the North Zone Extension. The latter is a possible northern extension of the existing North zone and its discovery precipitated staking of the Red Dawn claim, as this zone extended outside of the property boundaries.

Phase II commenced on September 20th, after analytical results from Phase I was processed, and was completed on October 6th. This phase concentrated on a general inspection of the North Zone Extension and detail investigations and trenching of the Silver Spider zone within the North zone and the Gossanous Island zone within the Cirque zone. During the program, two adits, from maps supplied by Newmont, were investigated. These adits are situated just west of Red Tusk Mountain at an elevation of 1433 meters. However, upon closer inspection, these

adits appeared to be naturally occurring spaces caused by selective erosion of highly sheared rock. To be certain, three samples were collected and sent for analysis, no significant assay results were returned.

In total, 166 rock samples were collected from the entire program. All the samples were sent to Acme Analytical Laboratories Ltd. There, the samples were crushed and the minus 100 mesh sample pulps were used for a 30 element analysis by ICP. The Certificate of Analysis for the samples and the rock sample descriptions accompany this report as Appendix I and II respectively. The analytical data and sample locations are plotted on Figure 5.

#### LOCAL GEOLOGY

The property is underlain by a series of marine sediments and volcanics in a relatively undisturbed sequence of northerly trending and moderately to steeply west dipping units (Figure 4). The sedimentary units do not constitute a large portion of the package volumetrically, but are important as marker horizons. They are composed of cherts and dark argillites. The cherts range from light grey to blue grey and dark grey, weathering light grey to rusty brown. They are generally massive, but occasionally occur in well laminated beds about 5 cm thick. Fine disseminated pyrite is seen in a number of outcrops. Within some of the cherts there occur spheroid to irregular shaped masses of dark green fine grained andesitic rock. They can vary in size from a few centimetres in diameter to a few metres across. The volcanic inclusions may be bombs or rafted flow segments caught up in the chert horizons during a period of turbidity or gravity sliding.

The argillites are uniformly fine grained black pyritic rocks that weather a distinctive rusty brown. They occasionally contain narrow (10 cm and less) beds of semi-massive pyrite/pyrrhotite and rarely sphalerite. The argillites are frequently hornfelsed.

The volcanic rocks on the property are highly variable, compositionally and texturally, Included are dark basalts and white rhyolites, massive andesite porphyries and laminated tuffs, and a distinctive fragmental. Two varieties of rhyolite are seen. The first is a quartz eye porphyry rhyolite with 1-2 mm quartz eyes that weathers a bright white that occurs at both the North and South zone, however, sericite alteration of the rhyolite around the South zone has left the eyes and the groundmass with a greenish cast. The second variety of rhyolite occurs just north of Lydia Mountain. This is distinctive in being composed of fine convoluted lamellae of alternating silica and alkali feldspar, and of devitrified glass. This rhyolite is multi-phased as later phases cut earlier phases.

Exhalite stretches from the northern boundary of the claim group south to the Red Tusk Creek Valley. At the southern end it is associated with a quartz eye rhyolite which appears to underlie it, while in the north it occurs with acid to intermediate flows and tuffs. The exhalite is a light grey to grey massive aphanitic siliceous unit (a chemical silica precipitate) with a characteristic chalky white weathering. Prominent foliation and shearing accompanied by quartz veining is present along the entire length of the unit

Altered exhalite has been recognized in several places. This consists of bleaching and fine quartz veining along with fine rusty fracturing. The exhalite has proved to be the most important prospective areas within the horizon

Intermediate to acid volcanics occupy the central portion of the map area, just west of Lydia Mountain and on the northwestern portion of the map area. These rocks are dacite to rhyodacite in composition and include flows, gritty lapilli tuffs and finely laminated ash tuffs. The flows are light to dark grey and tan coloured massive and siliceous with fine disseminated pyrite. The gritty lapilli tuffs are grey to tan coloured and light grey weathering. They have a fine grained gritty texture with mixed angular sand to pebble size fragments making up to 60% of the rock in a dusty matrix. These lapilli tuffs are extensively exposed in the ridge just on the west side of the pendant by North Creek. The ash tuffs are light to dark grey and tan coloured, grey weathering and finely laminated.

A fragmental volcanic rock occurs in the eastern portion of the map area. It is composed of crowded angular to sub-angular mixed pebble to cobble size clasts of tuffs, flows, chert and argillite in a fine grained dusty matrix. The fragmental generally overlies two thin units of andesitic agglomerate and tuff which in turn overlies andesite flows. Outcrops of fragmental volcanics also ring the laminated rhyolite just north of Lydia Mountain.

The dominant pendant rocks on the property are andesites. They include agglomerates composed of about 40% subangular to rounded clasts (5-40 cm diameter) of volcanic material showing narrow (5 mm) alteration rims in a massive andesite matrix. Flows are the most common andesites and include massive dark green, fine to medium grained flows, feldspar porphyry andesites, and less commonly andesites with slightly porphyritic hornblende. Some of the larger areas mapped as flows include other andesitic rocks types as well.



Andesitic tuffs have also been mapped on the property. These are light to dark green ash tuffs and fine grained gritty lapilli tuffs. They occur with andesitic flows and with the intermediate ash tuffs.

A small area of the property is underlain by basalt. It is black to dark grey, very fine grained and massive, of agglomeratic nature. The basalt agglomerate is composed of 60% or more rounded basaltic clasts in a basalt matrix.

Within the Red Tusk claim group the intrusive rocks of the Coast Plutonic Complex are represented by diorite. This is a dark grey equigranular medium grained diorite/quartz-diorite rock with minor undifferentiated zones of granodiorite and gabbro. The diorite has a narrow fine grained dark chill margin where unfaulted contacts with the pendant have been mapped.

Late dykes cut a variety of the rocks over a wide area of the property. They are fine grained dark lamprophyre or andesite and usually strike northeast and dip vertically.

## STRUCTURE

The structure on the Red Tusk property is only partly understood. The layered rocks strike northwesterly to north and dip to the west. The tops of the beds face west so that up, structurally, is also up stratigraphically. Folding has been recognized in the South zone, causing what was first interpreted as cyclic repetitions of beds. Faults appear randomly distributed and are easily traced by the deep creek canyons and draws which mark them. Little movement has occurred across many of them and they are marked by zones of brittle failure. In some areas these fault zones define portions of the pendant contact and in other areas prisms within the pendant appear to be fault bounded.

An exception to this is a shear associated with the altered siliceous horizon which apparently caused repetition of a mineralized horizon from 30 metres in the North zone to over 70 metres in the South zone.

## MINERALIZATION

The Red Tusk property is a precious metals prospect associated with an altered siliceous rhyolite horizon 30-100 metres wide, and 2 kilometres long. This horizon occurs within a series of differentiated volcanics in both the North and South zones. Continued prospecting for extensions or repetitions of this horizon has led to the discovery of the North Extension, Mavis and Cirque zones. The latter two zones are hosted in entirely different geology and the mineralization indicates a base metal potential rather than a precious metals prospect.

### North Zone

The North zone is a 350 metre long segment of the mineralized exhalite horizon with a width of about 40 metres. Mineralization can be found in a barite rich horizon of altered siliceous rhyolite and in a highly chloritized andesite. The most encouraging results came from a portion 100 metres long by 8 metres wide at an elevation of 1400 metres to 1460 metres that is labelled the Silver Spider zone and from samples of barite. A total of 84 samples were collected from this zone

The Silver Spider zone is hosted in a steeply dipping barium rich siliceous rhyolite that is 6 to 8 metres wide and at least 100 metres long. At both ends, the zone disappears into the vegetation. A rock sample that is anomalous in Au and Ag (0.05 oz/ton Au, 10.0 oz/ton Ag) collected 250 metres uphill indicates

a possible extension of the zone. Climbing techniques were employed to access, blast and sampled this zone. 34 rock samples were collected from this area, 28 of which returned anomalous values at least in Au and Ag. One grab sample assayed .446 oz/ton Au, 166.12 oz/ton Ag, 20.06% Zn, 17.89% Pb and .12% Cu, this sample was anomalous also in Cd and Sb. Ten contiguous 1.0 x 1.0 metre panel chip samples were taken across the zone in a highly altered, siliceous, pyritized rhyolite breccia. All ten samples produced anomalous results and the weighted averages for the trench are .0396 oz/ton Au and 9.5 oz/ton Ag.

A sample taken in 1984 by Newmont around a barite subcrop returned an assay of 0.6 oz/ton Au and 162 oz/ton Ag. An effort was made in this year's program to discovered the source of this barite. In Phase I, two float samples were collected and sent for analysis. These two samples returned values of .366 oz/ton Au, 7.02 oz/ton Ag and .576 oz/ton Au, 4.90 oz/ton Ag respectively. Detailed prospecting indicated barite is present in varying amounts throughout most of the North zone. Samples of barite collected from outcrop show anomalous values but not to the same magnitude as the float samples, therefore, the source of this mineralization remains unknown at present.

#### South Zone

In the South zone several sub-parallel northerly trending faults which have apparently offset and repeated the mineralized exhalative horizon. Altered, bleached white rock with micro quartz veining in glassy-grey siliceous flows have been faulted and shuffled so that a sequence of north-south slivers of altered and unaltered rocks are stacked in a east-west direction. This setting, resulting from the splaying of the shear, increases the width of the mineralization and also accounts for the somewhat erratic nature of the gold mineralization.

This zone received only modest attention in the program. Only general prospecting and sampling were conducted. However, some significant Au values have been realized from a steeply dipping, silicified, altered rhyolite tuff rib similar in character and appearance to the host unit of the Silver Spider zone. Two grab samples 10.0 metres apart returned values of 0.24 and 0.418 oz/ton Au. In total 18 rock samples were collected from this zone.

#### Mavis Zone

This zone is located to the east of the South zone and is hosted in entirely different geology. It is underlain by andesitic flows, agglomerates or breccias and argillites. A train of large, angular boulders with sphalerite and chalcopyrite in veins and disseminations lead to its discovery in 1983 by Newmont Exploration at the peak of a talus cone spilling out from the steeply incised Mavis Creek.

Climbing techniques were employed to gain access to possible source areas of the mineralized boulders. The source of this float was readily discovered and found to be pods of semi-massive to massive sphalerite-chalcopyrite-galena mineralization. These pods exist in a volcanic hosted disseminated mineralized zone trending southwest to northeast with widths up to 3 metres and a length of approximately 75 to 100 metres. Limited structural data collected in the Mavis zone suggests structural repetition of the volcanic and sedimentary units found on the property. The rock sampling results suggests a possible extension of this zone exists to the southeast, on the opposite side of the main gully which dissects the Mavis zone.

A total of 10 rock samples were collected from the Mavis zone. The results show high copper and zinc values (up to 3.87% Cu and 2.56% Zn) with modest silver (2.14 oz/ton) and low lead and gold values (1.12% and 0.039 oz/ton respectively).

#### Cirque Zone

This is a new showing located in a cirque west of Mavis Lake. It has a signature similar to that of the mineralization found in the Mavis zone, massive pods of sphalerite, chalcopyrite and galena in a volcanic host.

A single, 17.0 metre long trench was blasted on the Gossanous Island zone within the Cirque zone. The 14 chip samples taken from the trench showed moderately anomalous copper, lead, zinc, silver and gold values. The selected samples from the trench returned noteworthy base and precious metals values, ranging up to 1.47%, 1.74%, 7.63%, 2.25 oz/ton and .012 oz/ton for Cu, Pb, Zn, Ag and Au respectively. However, the best results from this zone were from float samples which reached a high of 6.25% Cu, 1.83% Pb, 5.84% Zn, 3.65 oz/ton Ag and .042 oz/ton Au. These samples likely originated from gossanous outcrops noted higher up in the cirque. A total of 21 rock samples were collected from this zone.

#### North Extension Zone

This new zone was spotted during a short helicopter reconnaissance flight north of the North zone. A quick inspection of this zone revealed a gossan-covered area approximately 300 metres in width and over 600 metres in length. During Phase II, six days was spent prospecting this area. Although no significant mineralization was discovered, it must be noted that exploration on this zone was extremely hampered by large amounts of fresh snow. A total of 19 rock samples were collected from this zone.

## DISCUSSION AND CONCLUSIONS

The results from all the work performed so far are encouraging from an exploration standpoint. The property is underlain by a marine series of sediments and mostly tuffaceous and/or brecciated felsic volcanics. Whole rock analyses indicate these calcalkaline volcanics are potassium-rich and dominantly rhyolitic in composition. This geologic setting is favourable for a volcanic-associated deposit.

Precious metal mineralization is associated with the altered siliceous rhyolite horizon in the South, North and North Extension zones which together has a strike length of approximately 2 kilometres. Though the gold and silver mineralization may at times be erratic, it appears, at least in the North zone, that precious metal values are associated with the presence of barium and barite float samples have so far returned the best results on the property.

The Mavis and Cirque zones represent different exploration targets than the other zones. They are hosted in andesites and the mineralization is towards base metals as opposed to precious metals. The Mavis zone seems to be structurally controlled and is likely a result of remobilization of mineral bearing fluids along a pre-existing fault conduit. A better understanding of the structural complexities of the property would facilitate future searches for extensions of this zone.

## RECOMMENDATIONS

After evaluation of the data compiled to date, the following program is recommended to further test the potential of the property:

- (1) A structural analysis should be conducted to resolve the structural complexities of the property.
- (2) Additional mapping and prospecting in the North Extension zone to evaluate this untested area.
- (3) Detail prospecting and mapping in the South zone especially around the altered rhyolite tuff rib that return assays of 0.24 and 0.418 oz/ton Au.
- (4) The Cirque zone should be mapped and prospected in more detail in an attempt to located the source of the mineralized float samples.
- (5) Addition sampling and prospecting in the North zone in an attempt to expand the Silver Spider zone and to locate the source of the high grade barite samples.

## COST ESTIMATE

Mountaineer-Geologist	\$10,500.00
Mountaineer-Assistant	9,000.00
Geological Assistants	12,000.00
Engineering and Supervision	3,000.00
Moblization/Demobilization	2,000.00
Transportation (Helicopter, vehicles)	18,000.00
Camp Rental	2,500.00
Communication (radio, walkie talkies)	1,500.00
Explosives, Fuel	2,000.00
Rock Drills (ponjaar, hilti)	1,500.00
Board	3,000.00
Expendable Equipment (includes climbing equipment)	2,000.00
Assays	7,000.00
Recording Fees	3,700.00
Management (10%)	7,770.00
Report	5,000.00
	-----
	\$90,470.00
Contingency	9,500.00
	-----
	\$99,970.00
	=====

The recommended exploration program will cost approximately \$100,000.00 to implement.



## STATEMENT OF COSTS

## Personnel

P. Chung - geologist		
7 days at \$250/day	\$1750.00	
C. Hrkac - geologist		
Climbing: 5 days at \$300/day	1500.00	
Non-climbing: 7.5 days at \$250/day	1875.00	
J. Hurrero - prospector		
Climbing: 14 days at \$250/day	3500.00	
Non-climbing: 26 days at \$200/day	5200.00	
C. Ashbury - prospector		
Climbing - 4 days at \$250/day	1000.00	
Non-climbing: 28 days at \$200/day	5600.00	
F. Thane - prospector		
14 days at \$200/day	2800.00	23225.00

## Expeditor

125.00

## Equipment Rental

Climbing gear: 23 mandays at \$20/md	460.00	
Radio: 31 days at \$5/day	155.00	
Generator: 4.4 wks at \$60/wk	264.00	
Blasting Machine: 10 days at \$7/day	70.00	
Hilti rock drill: 2.43 wks at \$250/wk	607.50	
Ponjaar rock drill	636.00	
Hand held radios: 1.5 months at \$250/mo.	375.00	2567.50

## Camp Rental

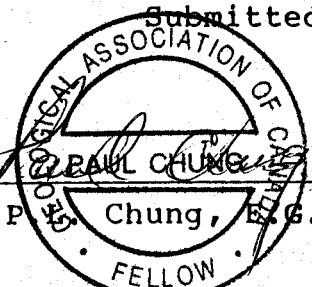
105.5 mandays at \$23.25/md		2452.88
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## Vehicle Rental

Truck: 7.5 days at \$35/day	262.50	
997 km at \$.35/km	348.95	
Budget Van - 1 day	110.30	721.75

## Climbing Equipment Consumed

4 9mm x 50m climbing rope at \$150/rope	600.00	
14m of 1" tube webbing at \$2.80/m	39.20	
25m of 1" tube webbing at \$3.08/m	77.00	
18 Hilti bolts & SMC hangers at \$3.20ea.	57.60	
7 Hilti bolts & SMC hangers at \$3.52ea.	24.64	
5 rappel rings at \$2.50/ring	12.50	
1 rappel rings at \$2.75/ring	2.75	
2 Hilti 3/8x6" hema bits at \$29.05/bit	58.10	
1 Hilti 1/4" hema bit at \$31.96/bit	31.96	
1 Hilti 14mm hammer rock drill bit	106.26	
6 % sales tax	60.60	1070.61
Field Supplies		494.23
Explosives		1111.37
Food		1384.96
Miscellaneous (LLD, ferry, fuel, etc)		303.54
Assays		3716.25
Helicopter Charter		12584.25
Management (10%)		4975.73
		-----
Total Exploration Expenditure		\$54733.07
Report		4000.00
		-----
TOTAL COST OF PROGRAM		\$58733.07
		=====

Submitted by  
  
 Paul P. Chung, F.G.A.C.  
 FELLOW

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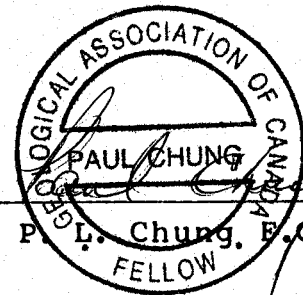
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## STATEMENT OF QUALIFICATIONS

I, Paul P.L. Chung, of the City of Richmond, Province of British Columbia, DO HEREBY CERTIFY THAT:

- (1) I am a Consulting Geologist with business address office at Suite 840 - 650 West Georgia Street, Vancouver, British Columbia, V6B 4N8; and President of Boa Services Ltd.
- (2) I am a graduate in geology with a Bachelor of Science degree from the University of British Columbia, in 1981.
- (3) I have practised my profession continuously since graduation.
- (4) I am a Fellow of the Geological Association of Canada.
- (5) I have conducted various mineral exploration programmes in B.C., Yukon, Manitoba, Ontario, Quebec, Nova Scotia, and Nevada.
- (6) This report is based on my examination of the property on August 8-12, and October 6, 1988 and on selected publications and reports.
- (7) I own 2000 shares in the capital stock of Schellex Gold Corp.



Paul P.L. Chung, F.G.A.C.

Dated at Vancouver, British Columbia, this 27th day of December, 1988.

APPENDIX I

CERTIFICATE OF ANALYSIS

### GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
 THIS LEACH IS PARTIAL FOR MN PK SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.  
 - SAMPLE TYPE: ROCK AU\*\* ANALYSIS BY FA+AA FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 24 1988 DATE REPORT MAILED: *Aug 30/88* ASSAYER: *C. Leong* D. TOYE OR C. LEONG, CERTIFIED B.C. ASSAYERS

BOA SERVICES LTD. PROJECT RED TUSK 88-06 File # 88-3880 Page 1

SAMPLE#	Mo	Cl	PE	Zn	Ag	Mi	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	S	Al	Na	K	W	AU**
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
B-11301	3	7	31	212	.1	5	2	731	1.59	2	5	ND	1	25	1	2	2	4	.22	.020	3	3	1.22	145	.05	2	1.74	.02	.82	1	3
B-11302	1	508	9200	287	9.4	2	1	666	1.43	25	5	ND	1	6	1	5	2	5	.17	.019	2	15	.90	60	.06	2	.99	.01	.09	1	51
B-11303	5	4	24	38	.1	4	2	593	1.30	2	5	ND	1	32	1	2	2	4	.37	.019	2	2	1.66	40	.04	2	2.07	.02	.64	1	1
B-11304	3	33	31	73	.3	3	2	197	4.03	2	5	ND	1	103	1	2	2	12	.81	.093	3	23	.76	45	.01	3	2.72	.13	.07	1	1
B-11305	20	15	13	80	.2	5	1	120	5.17	17	5	ND	1	124	1	2	2	2	.73	.692	2	4	.54	50	.01	2	2.94	.08	.97	1	2
B-11306	4	3	15	65	2.6	2	2	104	1.65	12	5	ND	1	63	1	2	2	2	.29	.017	3	12	.76	35	.02	2	1.36	.05	.51	1	3
B-11307	13	3	12	76	.3	3	1	126	1.86	5	5	ND	1	32	1	2	2	1	.19	.010	7	1	1.02	61	.02	23	1.42	.02	.65	1	1
B-11308	3	8	37	55	.6	2	1	281	1.21	6	5	ND	2	7	1	2	2	2	.03	.009	8	12	.78	94	.04	10	.91	.02	.45	1	1
B-11309	14	298	239	414	9.1	8	7	410	2.31	25	5	NE	2	6	2	2	3	15	.04	.019	4	4	.57	40	.07	5	.95	.02	.53	1	38
B-11310	4	2	13	62	1.9	2	1	98	1.12	11	5	ND	1	100	1	2	2	1	.57	.008	6	9	1.02	177	.02	2	2.27	.06	.52	1	1
B-11311	5	3	2	5	.5	2	1	13	1.64	7	5	ND	1	2	1	2	2	1	.01	.001	7	1	.11	88	.01	6	.20	.01	.05	1	7
B-11312	13	1	3	14	.4	1	1	20	3.41	14	5	ND	2	6	1	2	2	1	.03	.002	3	8	.14	25	.01	2	.43	.01	.20	1	9
B-11313	7	5	18	51	6.5	3	3	82	2.31	22	5	ND	2	3	1	3	2	2	.01	.015	4	1	.41	34	.02	5	.58	.01	.32	1	5
B-11314	3	10	32	83	1.3	7	3	275	1.48	5	5	ND	1	186	1	2	2	5	1.49	.013	3	23	.61	83	.03	3	2.13	.06	.17	1	4
B-11315	3	14	50	81	3.7	23	18	113	5.33	16	5	ND	1	15	1	2	3	2	.22	.010	2	6	.25	12	.02	8	.54	.01	.13	1	4
B-11316	2	36	15	179	1.1	6	2	369	1.36	12	5	ND	1	94	1	2	2	12	2.58	.030	5	22	.74	36	.10	16	3.18	.03	.13	1	1
B-11317	6	35	181	192	3.9	4	1	41	.86	11	5	ND	2	4	1	2	2	1	.09	.007	3	2	.14	81	.01	4	.28	.01	.09	1	26
B-11318	5	5	14	23	.9	5	1	80	1.94	9	5	ND	1	7	1	2	2	3	.58	.009	2	37	.17	45	.02	9	.85	.01	.12	1	1
B-11319	21	16	393	17	.2	1	1	9	3.13	89	5	ND	1	2	1	2	2	1	.01	.011	2	1	.02	139	.02	2	.26	.01	.18	1	49
B-11320	9	25	73	12	.6	2	1	17	1.51	9	5	ND	1	3	1	2	2	1	.01	.002	2	18	.03	122	.01	3	.27	.01	.14	1	25
B-11321	11	5	7	15	.2	5	1	37	1.02	4	5	ND	2	9	1	2	2	1	.07	.009	4	4	.09	92	.01	4	.31	.01	.10	1	10
B-11322	16	12	22	127	.8	21	5	265	2.62	60	5	ND	1	18	1	2	2	10	.19	.028	4	12	1.22	30	.04	3	1.94	.02	.68	1	39
B-11323	30	9	27	392	1.9	15	3	660	2.99	25	5	ND	1	10	1	2	2	39	.08	.036	3	10	3.62	31	.14	6	3.12	.04	1.90	1	420
B-11324	11	9	14	57	.1	3	1	122	1.89	5	5	ND	2	84	1	2	2	1	.22	.011	9	7	.95	112	.02	3	1.47	.02	.53	1	2
B-11325	11	46	137	753	27.7	10	3	328	2.33	40	5	ND	1	50	2	36	2	12	.07	.015	5	4	1.00	20	.04	2	1.29	.02	.65	1	430
B-11326	1	29	54	154	.9	3	4	885	2.84	5	5	ND	1	31	1	2	2	39	.59	.070	7	17	1.07	57	.18	13	1.48	.04	.06	1	5
B-11327	11	52	142	202	4.0	7	1	35	.37	23	5	ND	1	14	1	10	2	1	.01	.094	4	5	.12	924	.01	14	.28	.01	.13	1	450
B-11328	3	11	6	49	.2	2	3	338	2.31	7	5	ND	3	9	1	2	2	47	.17	.068	8	16	.92	665	.14	3	1.25	.04	.78	2	1
B-11351	4	120	350	54	4.0	3	1	2	2.51	39	5	ND	2	1	1	7	3	1	.01	.007	2	1	.01	245	.01	4	.13	.01	.06	1	8180
B-11352	3	10	14	49	.1	2	2	263	1.32	2	5	ND	2	25	1	2	2	1	.30	.014	4	14	.74	46	.02	5	1.78	.02	.44	2	3
B-11353	6	14	14	49	.1	10	4	339	2.37	6	5	ND	1	161	1	2	2	4	1.49	.026	7	3	.74	105	.01	3	3.96	.23	.25	2	1
B-11354	1	5	4	10	.1	8	1	104	.55	2	5	ND	1	51	1	2	2	9	.53	.003	2	46	.15	16	.06	18	.83	.06	.01	2	1
B-11355	123	43	6	57	1.4	4	5	438	29.37	24	5	ND	3	26	1	2	2	84	.27	.004	2	7	.16	163	.08	2	.59	.03	.15	1	4
B-11356	10	36	11	89	.2	25	13	483	3.87	14	5	ND	1	47	1	2	2	159	.17	.025	4	49	2.22	680	.17	14	3.19	.05	1.42	1	1
B-11357	26	8	4	85	.1	5	4	90	2.70	23	5	ND	2	6	1	2	2	2	.02	.008	3	4	.83	35	.02	6	1.48	.02	.40	1	1
B-11358	7	5	4	9	4.2	2	1	4	5.34	24	5	ND	2	29	1	2	2	1	.01	.052	3	16	.01	7	.01	7	.21	.01	.39	1	78
STD COND-2	19	53	37	132	6.6	67	29	1055	4.05	43	18	7	36	49	18	17	20	57	.46	.031	38	55	.90	175	.06	39	1.93	.06	.13	12	525

200

- .25 oz

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	
B-11359	3	19	56	59	1.9	2	1	52	.93	8	5	ND	1	14	1	2	2	1	.02	.004	9	2	.36	166	.01	3	.75	.02	.26	1	37
B-11360	50	337	525	120	150.3	1	1	37	.42	180	5	20	1	327	1	653	2	1	.01	.001	2	1	.03	563	.01	3	.07	.01	.02	1	22205
B-11361	27	393	2475	930	215.7	4	1	33	.59	225	5	14	1	146	2	556	2	1	.09	.006	3	4	.15	191	.01	4	.53	.01	.11	1	12950
B-11352	1	6	39	60	2.2	15	12	222	4.54	7	5	ND	1	20	1	3	2	5	.22	.315	2	4	.56	8	.05	16	.68	.01	.08	1	215
B-11353	1	16	51	89	4.7	4	15	231	12.63	17	5	ND	1	38	1	2	2	32	.09	.017	3	3	.63	13	.14	15	.87	.36	.38	1	89
B-11354	22	5	17	87	2.3	9	3	159	5.90	24	5	ND	1	22	1	2	2	1	.33	.012	4	1	.58	9	.02	16	.39	.01	.22	1	26
B-11355	9	2	12	42	.2	22	6	163	5.73	14	5	ND	1	15	1	2	2	2	.17	.014	8	1	.45	11	.01	8	1.09	.01	.49	1	1
B-11356	1	5	18	19	.1	2	1	68	.62	2	5	ND	1	5	1	2	2	3	.17	.011	3	2	.10	70	.01	6	.23	.01	.01	1	1
B-11357	3	2	7	20	.5	5	1	17	1.13	6	5	ND	1	19	1	2	2	1	.10	.002	2	4	.03	172	.01	2	.33	.03	.06	1	20
B-11358	1	10	15	48	.3	2	1	293	.59	4	5	ND	1	11	1	2	2	3	.27	.009	6	1	.59	29	.02	20	.65	.03	.04	2	23
B-11369	11	6	14	74	.1	2	1	142	1.73	8	5	ND	1	30	1	2	2	1	.15	.007	7	1	.95	208	.02	16	1.28	.01	.55	1	4
B-11370	8	5	22	73	.3	2	1	177	2.56	12	5	ND	1	41	1	2	2	1	.27	.012	8	1	.94	40	.02	21	1.48	.02	.61	1	16
B-11371	14	4	5	7	1.4	2	1	2	3.41	100	5	ND	1	6	1	2	2	1	.02	.001	5	1	.02	5	.01	2	.66	.01	.04	1	27
B-11372	2	2	4	19	.1	1	1	53	3.43	25	5	ND	1	12	1	2	2	1	.02	.001	4	1	.32	69	.01	4	.67	.02	.09	1	1
B-11373	11	3	7	30	1.1	5	1	33	5.66	35	5	ND	1	42	1	2	2	1	.10	.002	3	4	.22	9	.01	25	.71	.05	.14	1	48
B-11374	17	4	4	10	2.0	30	12	18	2.60	73	5	ND	1	3	1	2	2	4	.03	.010	2	1	.02	29	.01	3	.23	.01	.17	2	18
B-11375	37	11	53	438	1.2	21	13	1066	4.33	45	5	ND	1	12	1	2	2	65	.11	.046	2	16	4.91	25	.18	4	4.49	.04	2.74	1	135
B-11376	35	170	10	84	3.3	16	8	243	6.51	115	5	ND	1	3	1	7	2	21	.01	.011	2	4	1.12	7	.06	4	1.27	.02	.70	1	140
B-11377	11	6	53	156	6.8	13	3	159	1.47	19	5	ND	1	272	1	4	2	24	.01	.010	2	11	.92	35	.03	24	.69	.02	.45	1	685
B-11378	50	4	13	143	3.5	7	2	240	.78	7	5	ND	1	491	1	3	2	9	.03	.012	2	5	1.65	96	.04	3	1.19	.01	.75	1	335
B-11379	10	13	63	1216	10.4	5	1	377	2.31	14	5	ND	1	834	6	5	2	2	.80	.013	6	3	1.10	39	.04	2	2.82	.07	.72	1	210
B-11380	5	3	6	27	.8	1	1	51	2.23	9	5	ND	1	27	1	2	2	1	.01	.009	5	1	.40	21	.01	7	.74	.01	.39	2	18
B-11381	21	248	20	145	8.1	83	37	24	22.65	257	5	ND	1	4	1	3	2	5	.01	.008	2	3	.07	2	.01	3	.31	.01	.10	1	32
B-11382	22	494	22	216	20.9	95	10	52	26.20	16	5	ND	3	3	1	11	2	4	.01	.001	2	1	.08	6	.01	2	.23	.01	.07	1	112
B-11383	24	755	10856	15118	249.7	8	1	112	1.16	283	5	2	1	36	35	192	2	6	.28	.005	3	11	.09	34	.02	3	.75	.02	.08	1	1980
B-11401	10	2468	10459	1197	33.0	1	1	149	2.05	11	5	ND	1	12	7	12	22	7	.07	.011	2	1	.19	136	.01	16	.33	.01	.04	1	166
B-11402	7	449	331	113	6.5	6	1	34	3.92	2	5	ND	1	2	1	2	3	4	.01	.006	2	6	.04	63	.01	2	.19	.01	.10	1	29
B-11403	265	44725	1068	25780	70.4	33	55	963	20.67	4	5	ND	3	2	130	5	50	15	.07	.001	2	21	.39	6	.02	2	.68	.01	.24	1	215
B-11404	63	15055	345	1548	32.7	9	11	402	4.61	3	5	ND	1	12	13	2	12	18	.23	.021	2	7	.43	30	.04	3	.95	.04	.28	1	265
B-11405	45	2871	224	2543	8.3	6	9	508	3.54	5	5	ND	1	2	17	2	6	22	.09	.029	2	23	.81	64	.04	2	.91	.01	.24	2	28
B-11406	217	29797	4067	12920	70.1	6	24	130	10.52	24	5	ND	1	3	71	2	40	3	.05	.001	2	30	.05	4	.01	2	.22	.01	.08	1	265
B-11407	50	4979	514	4896	15.5	4	5	197	4.30	7	5	ND	1	5	30	2	10	9	.06	.020	2	1	.24	62	.02	2	.42	.01	.13	10	112
B-11408	145	4214	3371	8441	32.0	9	21	92	6.87	85	5	ND	1	3	52	2	16	7	.01	.006	2	28	.08	8	.01	13	.16	.01	.11	4	1540
B-11409	19	811	49	393	7.6	12	14	115	4.70	34	5	ND	1	2	3	2	2	7	.01	.005	2	7	.13	9	.02	3	.22	.01	.12	1	212
B-11410	7	7047	839	2274	19.7	7	14	266	5.25	14	5	ND	1	12	13	2	6	20	.06	.013	2	37	.31	9	.05	3	.33	.01	.26	2	178
B-11411	3	18	27	55	.4	7	2	157	.74	4	5	ND	1	23	1	2	2	1	.24	.019	4	6	.64	39	.01	6	.84	.04	.23	1	39
STD C/AU-R	17	60	40	132	6.6	68	28	1054	4.11	39	17	7	36	48	17	18	19	56	.48	.089	38	55	.92	174	.06	39	1.92	.06	.14	12	490

- ASSAY REQUIRED FOR CORRECT RESULT for Cu Pb Zn > 10,000 ppm  
Ag > 35 ppm

Det 11359  
1137  
39  
30

06

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
B-11412	13	28	35	22	17.3	2	1	25	.73	16	5	ND	1	6	1	13	2	1	.01	.002	4	21	.06	487	.01	3	.24	.01	.19	3	580
B-11422	53	302	10	49	2.9	4	6	180	5.62	42	5	ND	1	1	1	2	2	16	.01	.013	2	2	.44	37	.03	4	.61	.01	.01	1	51
B-11423	14	33	4	7	.3	5	15	37	5.79	10	5	ND	1	2	1	2	2	4	.02	.003	2	30	.05	24	.01	5	.11	.01	.03	1	9
B-11424	20	94	3859	2060	2.1	3	1	83	1.13	4	5	ND	1	5	16	2	2	5	.05	.029	2	2	.15	48	.06	2	.37	.01	.11	2	18
B-11425	19	12313	16317	59095	57.8	7	22	321	5.30	9	5	ND	1	1	378	4	57	3	.04	.009	2	39	.03	33	.02	2	.17	.01	.07	3	416
B-11426	4	382	233	2152	1.1	28	24	663	5.79	21	5	ND	1	38	9	2	2	164	.70	.127	4	34	.82	22	.17	5	2.55	.06	.44	2	4
B-11427	3	374	40	164	.5	13	8	495	4.21	5	5	ND	1	71	1	2	4	92	1.99	.076	2	42	1.50	23	.14	8	3.13	.01	.12	1	76
B-11429	85	71435	8279	9725	110.6	9	9	272	8.13	8	5	ND	1	2	71	9	43	3	.04	.001	2	8	.06	27	.03	3	.17	.01	.05	1	1740
STD C/AU-2	13	64	38	134	6.7	68	29	1061	4.06	41	19	6	35	49	18	16	18	57	.48	.091	39	55	.90	177	.06	27	1.95	.06	.14	12	480





QUEST CANADA EXPLORATIO FILE # 88-4996

SAMPLE#	Hg	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	H	Au	Tb	Sr	Cl	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	V	AN*
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM
K 21094	21	147	3576	288	657.8	1	1	14	2.91	198	19	ND	3	5	1	78	2	2	.03	.019	2	3	.01	118	.02	2	.16	.01	.07	11	1430
K 21095	44	157	1333	950	302.9	1	2	72	.85	82	5	ND	2	43	-	55	29	4	.82	.069	4	2	.11	247	.02	2	1.12	.04	.19	3	680
K 21096	25	102	596	1139	41.6	1	2	21	1.10	38	5	ND	3	3	3	19	2	1	.16	.011	2	2	.01	149	.01	2	.23	.01	.08	5	530
K 21097	13	4	34	36	1.6	2	3	114	2.61	47	5	ND	2	293	1	3	2	2	2.35	.138	1	1	.18	197	.01	7	3.42	.21	.24	5	2
K 21098	1	11	13	29	.6	177	16	119	7.55	2	5	ND	2	47	-	3	2	2	.67	.033	2	17	.53	153	.05	2	.69	.02	.33	3	2
K 21099	3	54	190	107	26.2	4	3	143	.77	140	5	ND	2	873	1	38	2	2	4.07	.011	3	2	.15	467	.02	2	5.31	.05	.12	25	8
K 21100	118	51	1023	77	310.1	2	2	71	.82	157	5	ND	3	31	1	152	2	3	.23	.018	5	2	.15	601	.01	2	.72	.02	.39	2	1580
K 21451	179	21	4	40	1.1	18	24	158	4.87	2	5	ND	3	10	1	2	2	15	.07	.020	2	19	.59	20	.03	2	.64	.01	.14	1	4
K 21452	2	54	21	79	1.5	3	16	120	6.20	2	5	ND	2	41	1	2	2	70	.22	.035	3	9	.92	27	.05	5	1.33	.02	.51	2	32
K 21453	3	43	12	44	.1	16	6	224	2.61	5	5	ND	-	30	1	2	2	30	.21	.059	4	11	.94	56	.02	2	2.20	.96	.31	6	2
K 21454	1	25	11	115	.7	2	5	724	2.94	2	5	ND	3	89	1	2	2	27	1.19	.072	6	4	1.14	92	.11	2	3.41	.15	.75	1	3
K 21455	2	38	11	55	.1	6	9	291	3.02	7	5	ND	3	25	1	4	2	50	.14	.031	3	7	1.58	109	.03	2	2.17	.33	.28	2	2
K 21456	4	157	17	13	.1	63	114	18	9.11	11	5	ND	1	11	2	19	2	10	.06	.019	2	6	.02	25	.01	7	.54	.01	.05	3	2
K 21457	2	72	10	17	.2	25	50	49	6.34	2	5	ND	2	18	1	2	2	11	.05	.061	3	2	.15	23	.01	2	.82	.91	.08	1	19
K 21458	1	33	4	18	.2	3	5	54	4.16	2	5	ND	2	16	1	2	2	20	.05	.093	5	4	.30	39	.01	2	.64	.02	.15	2	25
K 21459	4	64	13	45	.1	14	19	185	5.45	7	5	ND	1	11	2	12	2	24	.14	.076	2	4	.71	43	.01	4	1.15	.02	.07	4	32
K 21460	1	119	8	39	.2	23	41	109	5.81	2	5	ND	2	14	1	3	2	17	.15	.063	2	4	.41	19	.01	2	.84	.02	.06	1	42
K 21461	2	92	8	22	.2	10	17	74	5.47	2	5	ND	1	9	1	2	2	14	.10	.063	2	3	.34	25	.01	3	.65	.01	.10	1	8
K 21462	8	114	556	94	3.3	1	1	7	1.96	13	5	ND	1	1	1	2	2	1	.01	.009	2	3	.01	115	.01	5	.19	.01	.08	2	640
K 21463	3	247	2582	87	10.6	1	1	5	1.36	142	5	16	1	8	1	16	2	1	.01	.006	2	1	.01	417	.01	2	.10	.01	.09	1	12480
K 21464	2	32	663	36	2.3	1	1	9	.38	15	5	ND	2	2	1	3	2	1	.31	.009	3	2	.03	549	.01	2	.19	.01	.08	3	240
SYD C/AU-R	18	58	39	132	6.6	67	30	1061	4.51	38	17	E	36	17	17	19	56	50	.053		38	55	.94	160	.06	32	2.04	.06	.13	12	495

NEW ZONE

SOUTH ZONE

Assay required for correct result for  
 Pb > 10,000 ppm  
 Zn > 20,000 ppm  
 Ag > 35.0 ppm  
 Sb > 1000 ppm



**APPENDIX II**

**ROCK SAMPLE DESCRIPTIONS**

SAMPLE NO.	LOCATION	ROCK DESCRIPTION
CA-01	North Zone	Fine grain light coloured rhyolite
CA-02	North Zone	Siliceous, sericite altered rhyolite
CA-03	North Zone	Light coloured volcanic - py
CA-04	North Zone	50 cm wide Qz vein in volcanic
CA-05	North Zone	Siliceous rhyolite - mg, py
CA-06	North Zone	Medium grained diorite
CA-07	North Zone	Siliceous light grey volcanic - py, mg
CA-08	North Zone	Qz sericite altered volcanic - 35% py
CA-09	North Zone	Qz vein
CA-10	North Zone	Barite float
CA-11	North Zone	Barite float - py, ga, cp, tt
CA-12	North Zone	Qz vein - heavily pyritized and vuggy
CA-13	North Zone	Siliceous rhyolite with diss. py
CA-14	North Zone	Sheared siliceous volcanic - py
CA-15	North Zone	Shear zone, siliceous volcanic - 10% py
CA-16	North Zone	Slightly sheared, rusty Qz vein with py
CA-17	North Zone	Siliceous volcanic - diss. py
CA-18	North Zone	Qz vein +py
CA-19	North Zone	1.5m panel sample of altered volc-Ba, py
CA-20	North Zone	Same ad CA-19
CA-21	North Zone	Shear zone, shattered volcanic with py
CA-22	North Zone	Grey white siliceous rhyolite - py
CA-23	North Zone	Felsic volcanic in shear zone - 40% py
CA-24	North Zone	Grey white siliceous rhyolite - py
CA-25	North Z. Ext.	Qz vein +py
CA-26	North Z. Ext.	Siliceous volcanic - py
CA-27	North Z. Ext.	Rusty argillite.
CA-28	North Z. Ext.	Rusty dark siliceous volcanic.
CA-29	North Z. Ext.	Highly altered siliceous rock +py
CA-30	North Z. Ext.	Light grey rhyolite +py
CA-31	North Z. Ext.	Light grey rhyolite in shear zone +py
CA-32	North Z. Ext.	Same as CA-31
CA-33	North Z. Ext.	Light grey siliceous rhyolite -py
CA-34	North Z. Ext.	Light grey siliceous volcanic -py

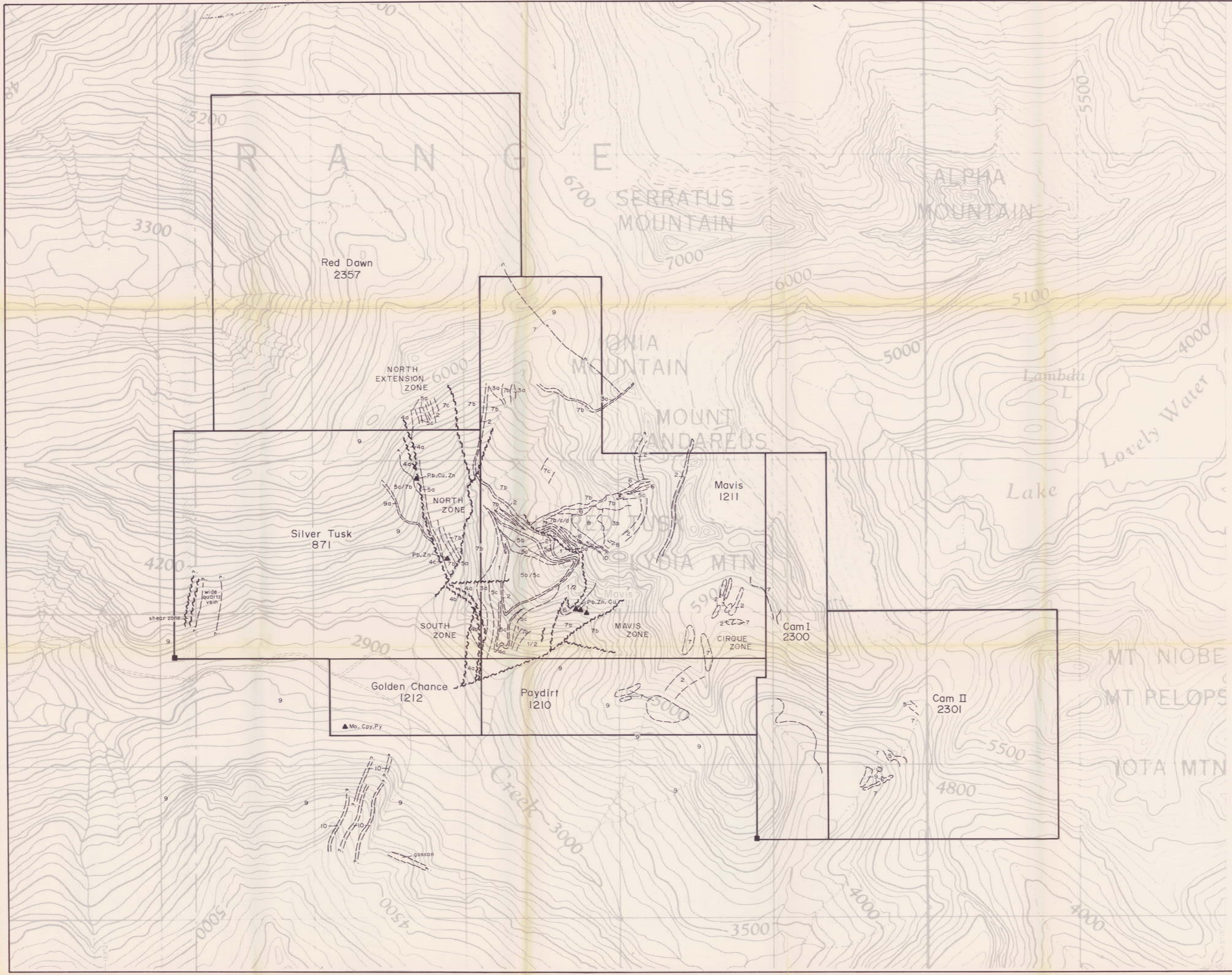
SAMPLE NO.	LOCATION	DESCRIPTION
CA-35	North Z. Ext.	Light grey siliceous volcanic -py.
CA-36	North Zone	Tuffaceous rhyolite.
CA-37	North Zone	White rhyolite.
CA-38	North Zone	White siliceous rhyolite.
JH-01	Mavis Zone	Float sample of siliceous volc -py,ga.
JH-02	Mavis Zone	Siliceous felsic unit -py,ga.
JH-03	Mavis Zone	2m sample of andesite with massive sp, cp, py and bo.
JH-04	Mavis Zone	2m chip sample of andesite -sp,cp,py.
JH-05	Mavis Zone	2m chip sample -diss. cp,sp,ga,bo,py.
JH-06	Mavis Zone	1m chip sample -diss. cp,py.
JH-07	Mavis Zone	2m chip sample -cp,sp,ga,py.
JH-08	Mavis Zone	2m chip sample -ga,py,sp, +cp.
JH-09	Mavis Zone	2m chip sample of silicified andesite-py.
JH-10	Mavis Zone	Silicified volcanic -py, +sp.
JH-11	North Zone	Qz vein in exhalite shear zone -py.
JH-12	North Zone	Siliceous volcanic -py,ba.
JH-13	North Zone	Siliceous andesite with ba,py.
JH-14	North Zone	Siliceous volcanic with ba,py +sp.
JH-15	North Zone	Barite with py and sp.
JH-16	North Zone	Massive barite +py,sp.
JH-17	North Zone	Qz vein with py.
JH-18	North Zone	Siliceous volcanic with ba, +py.
JH-19	North Zone	Massive py in Qz matrix.
JH-20	North Zone	Massive unknown grey mineral in Qz vein.
JH-21	North Zone	Siliceous volcanic -ga,sp py +cp.
JH-22	Cirque Zone	Qz vein in Silicified volc. -py,mg.
JH-23	Cirque Zone	Qz vein, semi-massive py.
JH-24	Cirque Zone	Silicified tuff -ga,py.
JH-25	Cirque Zone	Silicified tuff -cp,sp,ga,py +bo.
JH-27	N. Zone Ext.	Siliceous tuff -py.
JH-28	Cirque Zone	Float of silicified tuff -cp,sp,ga,py+bo.
JH-29	N. Zone Ext.	Qz vein in granodiorite -py,mo.
JH-30	N. Zone Ext.	Qz filled shear zone -py.

SAMPLE NO.	LOCATION	SAMPLE DESCRIPTION
JH-31	N. Zone Ext.	Foliated siliceous rock -py.
JH-32	N. Zone Ext.	Felsic, siliceous, aphanitic rock -ga.
JH-33	N. Zone Ext.	Qz fracture filling in argillite -py.
JH-34	N. Zone Ext.	Altered tuff -py.
JH-35	N. Zone Ext.	Dense, aphanitic felsic rock.
JH-36	North Zone	Altered andesite -py.
JH-37	North Zone	Qz cemented altered andesite breccia.
JH-38	North Zone	Float of Qz float -py.
JH-39	North Zone	Qz stockwork in volcanic breccia.
JH-40	North Zone	Granular Qz in shear zone.
JH-41	North Zone	Qz stockwork in altered volcanic.
JH-42-48	S.Spider Zone	1m trench sample of altered volc.-py.
JH-49	S.Spider Zone	1m chip sample of altered rhyolite-ga,sp
JH-50	S.Spider Zone	1m chip sample of altered rhyolite-ga,sp
JH-51-61	S.Spider Zone	1m trench sample of highly altered, siliceous, pyritized rhyolite breccia -py,ga,sp,cp,po.
JH-62-64	S.Spider Zone	1m trench samples of rhyolite breccia -py,ga,sp,cp.
JH-65	S.Spider Zone	Grab sample of massive galena.
JH-66-67	S.Spider Zone	1m panel samples of rhyolite.
JH-68	S.Spider Zone	Grab sample, massive ga,+sp,cp.
JH-69	S.Spider Zone	Grab sample of barite.
JH-70-71	S.Spider Zone	Altered rhyolite tuff -ga,sp.
JH-72-73	S.Spider Zone	1m panel sample of altered rhyolite tuff with some ga and sp.
JH-74-75	S.Spider Zone	1m wide panel sample of rhyolite breccia
JH-76	S.Spider Zone	Float sample of andesite with jasper.
JH-77	North Zone	Altered rhyolite tuff -py.
JH-78	North Zone	1x1m panel sample of rhyolite tuff -py.
JH-79-80	Adits	Qz vein in altered andesite.
JH-81	Adits	Andesite, wall rock for Qz vein.
JH-82	Cirque Zone	altered andesite -py +cp,ga.
JH-83-84	Cirque Zone	Altered andesite(?) -py,cp.

SAMPLE NO.	LOCATION	SAMPLE DESCRIPTION
JH-85-100	Cirque Zone	1x1m trench samples of siliceous andesite with cp,sp,py,ga.
FT-01-05	South Zone	Chip sample of mineralized rhyolite.
FT-06	North Zone	Float sample of rhyolite.
FT-07	North Zone	Chip sample of rusty rhyolite -py.
FT-08	North Zone	Qz, sericite altered rhyolite -py.
FT-09	North Zone	Qz, sericite altered rhyolite -py.
FT-10-13	North Zone	Qz, sericite altered rhyolite -py,sp.
FT-14	North Zone	Chip sample of Qz vein in shear zone.
FT-15	South Zone	Sample of massive sulfide.
FT-16	South Zone	Rhyolite with Qz vein.
FT-17-19	North Zone	Grey rhyolite with sericite -py.
FT-20-21	North Zone	Sericite altered rhyolite with Qz veins
FT-22-24	North Zone	Barite with py, sp.
FT-25	North Zone	Rhyolite with py,sp,op.
FT-27	North Zone	Qz vein with py,ga,sp,op.
FT-28	North Zone	Grey rhyolite with py.







LEGEND

- 12 Gneiss
  - 11 Schist
  - 10 Late dykes: lamprophyre, andesite
  - 9 Diorite: dark gray, medium grained equigranular plagioclase hornblende
    - 9a Fine grained dark chill margin
  - 8 Basalt: block massive flows and boulder size agglomerate
  - 7 Andesite
    - 7a Dark green cobble to boulder size agglomerate
    - 7b Massive dark green flows, feldspar porphyry and hornblende porphyry flows
    - 7c Light to dark green dust tufts and fine grained lapilli tufts
  - 6 Fragmental: rusty weathering, gray fragmental with 70% angular to sub angular mixed pebble to cobble size fragments in a dusty matrix
  - 5 Dacite-rhyodacite
    - 5a Massive to light gray and tan flows
    - 5b Fine grained, gritty to lapilli tufts with mixed angular sand to pebble size rock fragments making up to 60% of the unit in a dusty matrix
    - 5c Fine grained, finely laminated light to dark gray and tan coloured dust tufts
  - 4 Exhalite
    - 4a Very fine grained to aphanitic, massive and tough light gray siliceous exhalite, sometimes light green due to sericite alteration
    - 4b Bleached white to light gray, quartz veined and siliceous exhalite - rusty fractures
  - 3 Rhyolite
    - 3a Massive light gray to white rhyolite with quartz eye porphyry texture in an aphanitic ground mass
    - 3b Rhyolite of alternating feldspar and silica rich layers in highly convoluted aphanitic lamellae
  - 2 Argillite: dark gray to black very fine grained rusty weathering with frequent disseminations and bands of sulphides
  - 1 Chert, light to dark gray, massive to finely disseminated pyrite and/or large spheroids and irregular shaped masses, up to a metre across, of dark green andesite
- Assumed or inferred geologic contact  
 ▲ Mineralization  
 ~~~~~ Fault



Schellex Gold Corp.

**GEOLOGICAL BRANCH**  
**GEOLOGY ASSESSMENT REPORT**

**18,615**

Red Tusk Project  
 VANCOUVER MINING DIVISION

NTS: 92 G/14 W

Date: December, 1988 Figure:

Boo Services Ltd.