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Ministry of Energy, Mines and Petroleum Resources

ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S) Geological; Geochemical; Physical. TOTAL COST \$ 42,859.15

AUTHOR(S) T.E.Lisle SIGNATURE(S) [Signature]

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED December 11, 1986. YEAR OF WORK 1986.

PROPERTY NAME(S) VIRGINIA K

COMMODITIES PRESENT Au, Ag

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN 104A-6

MINING DIVISION Skeena NTS 104A/5W

LATITUDE 56° 15.2' LONGITUDE 129° 52.6'

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]: VIRGINIA K #3 (Lot 5816), VIRGINIA K #3 Fr. (Lot 5817), VIRGINIA K #3 (Lot 5812), VIRGINIA K Ext. #1 (Lot 5818), VIRGINIA K Ext. #4 (Lot 5819), VIRGINIA K Ext. #5 (Lot 5815), VIRGINIA K Ext. #6 (Lot 5813), VIRGINIA K Ext. #1 (Lot 5810), AM. 1 (18 units), AM. 2 (18 units), AM. 3 (18 units), AM. 4 (18 units), AM. 5 (8 units), STAR. 3 (Lot 5811), STAR. 2 Fr. (Lot 5814)

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GEOLOGICAL BRANCH ASSESSMENT REPORT

OPERATOR(S) (that is, Company paying for the work) (1) Square Gold Explorations Inc. (2)

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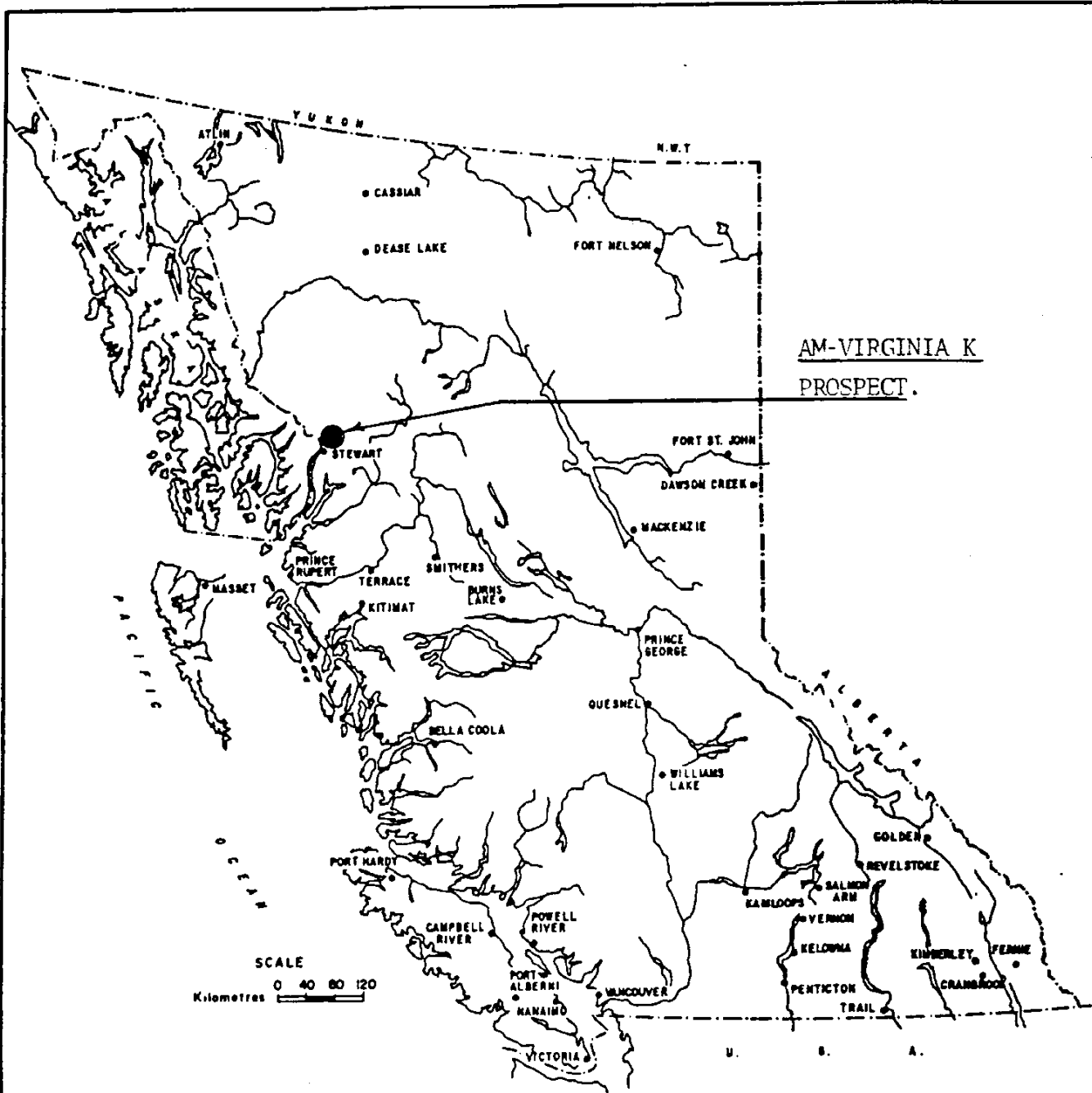
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SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude): A system of quartz and quartz-siderite veins occur near a northerly trending fault close to a contact between a lower tuff-siltstone-argillite-limestone unit and an upper, green to maroon fragmental unit. The area is cut by a swarm of green felsic dykes and by a number of dykes or sills of granodiorite porphyry. The veins are mineralized with pyrite, chalcopyrite with minor galena, tetrahedrite and sphalerite and contain significant amounts of gold and silver. Anomalous rock chip

and soil results were obtained. REFERENCES TO PREVIOUS WORK

FILMED

(over)



AM-VIRGINIA K  
PROSPECT.

LOCATION MAP  
AM-VIRGINIA K MINERAL CLAIMS  
OCTOBER, 1986.

FIGURE 1

## CONTENTS.

INTRODUCTION	1
LOCATION, ACCESS AND PHYSIOGRAPHY.	1
PROPERTY.	2
HISTORY.	3
WORK PROGRAM	4
REGIONAL GEOLOGY.	5
GEOLOGY OF THE AM CLAIMS.	6
MINERALIZATION.	8
SAMPLE DATA.	9
SAMPLE RESULTS.	9
CONCLUSIONS.	14
REFERENCES.	15

## MAPS

LOCATION MAP	Fig.	1
CLAIM-INDEX MAP.	"	2
GENERALIZED GEOLOGY.	"	3
PRELIMINARY GEOLOGY, AM 1 and 3 CLAIMS.	"	4a
SAMPLE LOCATIONS, ASSAY DATA, AM 1 and 3 CLAIMS.	"	4b.
GEOLOGY, ASSAY DATA, VIRGINIA K CLAIMS.	"	5
RECONNAISSANCE GEOCHEMISTRY, AM-3 CLAIM.	"	6
SKETCH SHOWING LCOLOCATIONS OF PITS.	"	7

## APPENDICES

CERTIFICATION	Appendix	1
ASSAY DATA.		2
CLAIM DATA.		3
COST DATA.		4

## INTRODUCTION.

The AM-Virginia K prospect is in the Skeena Mining Division about 42 air kilometers north of the town of Stewart, British Columbia. Access to the property is currently by helicopter from that centre.

The following mineral claims comprise the property: AM 1 to 5 modified grid claims aggregating 80 units, and the reverted crown-granted claims, Star 2 and 3 fractions, Virginia K Extension No's 1,4,5,6 and the Virginia K No's 1,2,3 and 3Fraction.

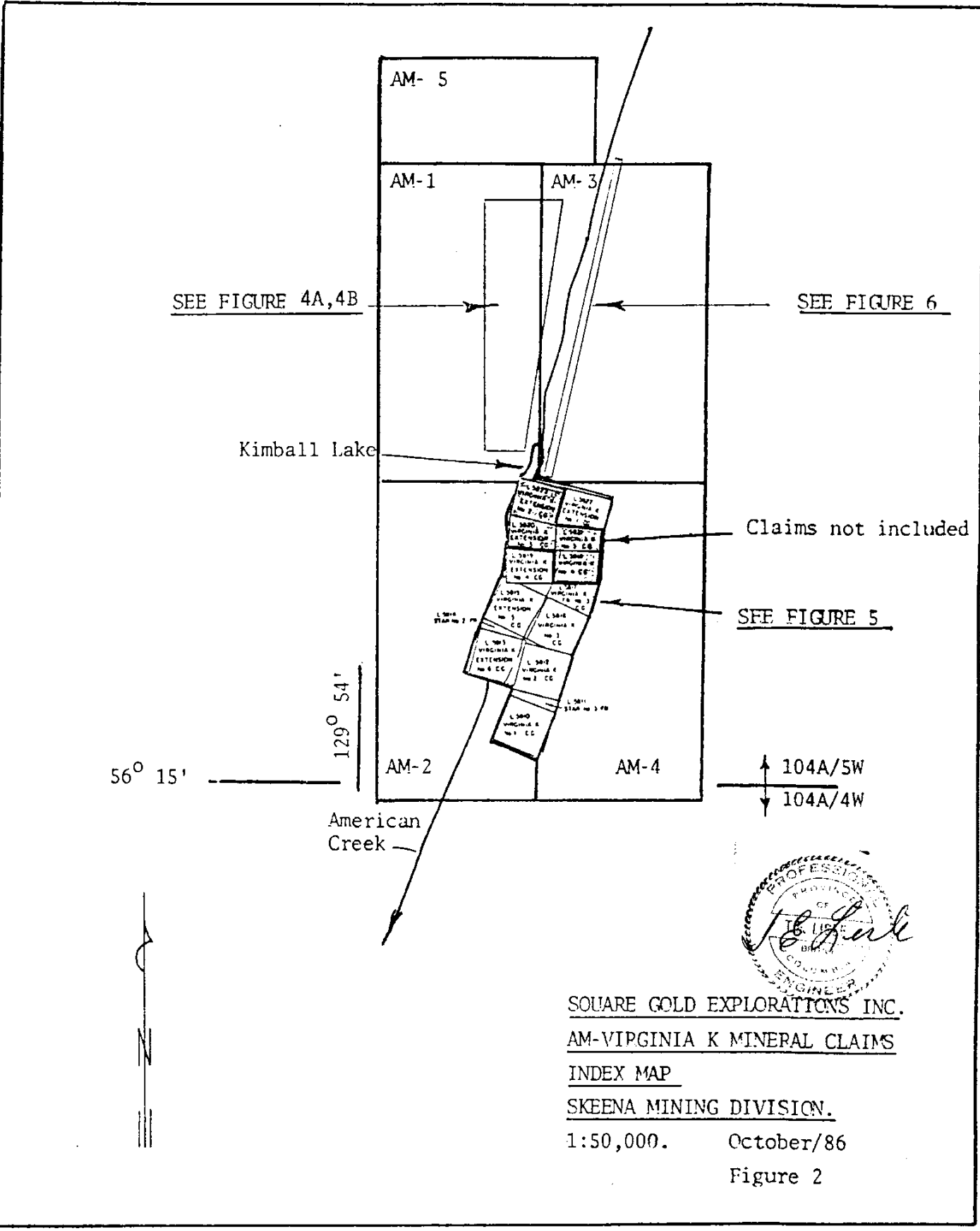
Exploration in the area dates to 1929 when DD. Kimball found showings near the head of American Creek and the Excelsior Prospecting Syndicate was formed to explore them. Exploration has continued on an intermittent basis since that time and has included prospecting, trenching, trail work, limited small core diamond drilling, short underground adits, and small high-grade and bulk-sample shipments.

In 1986, Square Gold Explorations Inc., funded a small scale exploration program designed to help evaluate the potential of the various prospects within the claims. This work included the more than 6 kilometres of grid line mainly on 50 metre centres; the collection of 174 samples and 32 talus fines for analyses; the drilling and or blasting of 22 small pits and trenches for sampling purposes; and preliminary geological mapping. The results of this work are described herewith.

## LOCATION, ACCESS AND PHYSIOGRAPHY.

The AM modified grid claims and the Virginia K and related reverted crown-granted mineral claims are located near the head of American Creek some 42 air kilometers north of the town of Stewart, British Columbia. Approximate latitude  $56^{\circ}17'$ ; longitude  $129^{\circ}53'$ , NTS 104A/5W.

The Tide Lake airstrip lies about 12 kilometers due west of the claims, and the Bear River highway lies about 22 kilometers to the south. A dirt road connects the highway to the Mountain Boy property about 17 kilometers to the south of the main showings. The condition of the road is unknown.



SQUARE GOLD EXPLORATIONS INC.  
 AM-VIRGINIA K MINERAL CLAIMS  
 INDEX MAP  
 SKEENA MINING DIVISION.  
 1:50,000.      October/86  
 Figure 2

Elevations at the property range from about 914 meters (3000 feet) at Kimball Lake, to more than 1980 meters (6500 feet) above sea-level along the ridges. Near the head of American Creek, the topography is more subdued on the west flank, and access is by a number of benches and ridges that are locally marked by small patches of scrubby spruce.

Permanent snowfields and glaciers cover much of the higher slopes. The lower slopes are partly snow-free in August. Snow showers occur in September, and it is believed that work could continue through into October.

### PROPERTY.

The American Creek property consists of the following:

<u>Claim</u>	<u>Record</u>	<u>Expiry.</u>
Star # 2 Fraction.	328(10) RCG	October 1/86 **
Star # 3 "	1974( 1) "	January14/87 **
Virginia K # 1	2298( 5) "	May 27/89
Virginia K Ext.#6	1967( 1) "	January14/87 **
Virginia K Ext.#5	1969( 1) "	January14/87 **
Virginia K Ext.#4	1970( 1) "	January14/91
Virginia K Fr. #3	1971( 1) "	January14/87 **
Virginia K #3	1972( 1) "	January14/87 **
Virginia K #2	1973( 1) "	January14/87 **
Virginia K Ext #1	5483( 8) "	August 18/87
AM# 1 *	5332( 4) MG. 18 units	April 22/87
AM# 2 *	5333( 4) MG. 18 units	April 22/87
AM# 3	5528( 9) MG. 18 units	Sept. 26/87
AM# 4	5529( 9) MG. 18 units	Sept. 26/87
AM# 5	5530( 9) MG. 8 units	Sept. 26/87

\* Claims were staked in March, 1986. A search for the Legal Corner Post on September 3, 1986 was unsuccessful. It appeared likely that it may have been destroyed by slides. A discussion with Mr B. Hosking, Deputy Gold Commissioner in Victoria, on September 4, 1986, resulted in advice to put in a replacement post without tags, but with pertinent information written on it relating to the claims. The post was put in on September 4, 1986 at 5.00PM, and was subsequently used as a Legal Corner Post for the AM-3 and 4 claims which were staked on September 5, to 9th, 1986. An affidavit to this effect (See appendix 3) was filed at the sub-mining recorders office in Terrace on September 15, 1986.

Most of the 1986 field work was directed to mineral occurrences on the west side of American Creek. Time did not permit a search for the legal surveyed posts of reverted crown-granted claims of the Virginia K group that lie mainly east of the valley. The location of showings on these claims is uncertain and are presently plotted after data contained in reports by W.D. Groves, 1986.

\*\* One years assessment filed Oct.20,1986.

#### HISTORY.

Showings were found at the head of American Creek in 1929 by D.D.Kimball, and the Excelsior Prospecting Syndicate was formed to explore them. The showings were explored by pits and trenches at both the Virginia K and Moonlight up to 1932 when a pack horse trail was completed to the area. The following briefly summarizes events subsequent to 1932:

- |         |  |
|---------|--|
| 1935    | Trail work, trenching and prospecting on both Virginia K and Moonlight. 15 tonnes of ore mined at Virginia K.  |
| 1936-37 | Discovery of spectacular pockets of native gold on Moonlight: Shipment of 61.378 lbs to Trail smelter that assayed +387 ont gold and +164 opt silver.  |
| 1938-39 | Napco Gold Mines completed about 50 feet of underground work on the Moonlight, and began trenching and open-cutting on the 'Bugnello' showings north of the Moonlight. Some open-cutting and a few feet of tunneling was reported on the Excelsior Group.  |
| 1955    | Great North Mining Company Limited completed : 1000 feet of trail work on the Moonlight; a cable crossing over American Creek below the Pimple; erected a log cabin nine miles from the mouth of American Creek, and a cabin near the Moonlight vein; and completed 700 feet of X-Ray drilling and 150 feet of open-cutting. |
| 1956    | Canex Exploration Limited completed 300 feet of drilling on the Argentine claim (adjacent to Virginia K) ?.  |
| 1966    | Frontier Explorations Limited did additional prospecting, trenching and sampling on the Moonlight.   |

- 1979           Tournigan Mining Exploration Ltd carried out detailed and reconnaissance mapping of Moonlight and surrounding area.
- 1980           Komody Resources Limited discovered a high-grade silver vein on the Virginia K and shipped a 1500 lb bulk sample. Composite of sacked ore assayed 182 opt silver.
- 1980-85       Komody Resources Ltd consolidated the Moonlight and 'Bugnello' properties into same ownership as reverted crown-granted Virginia-K claims.
- 1984           Moonlight vein leased for high-grading.

#### WORK PROGRAM.

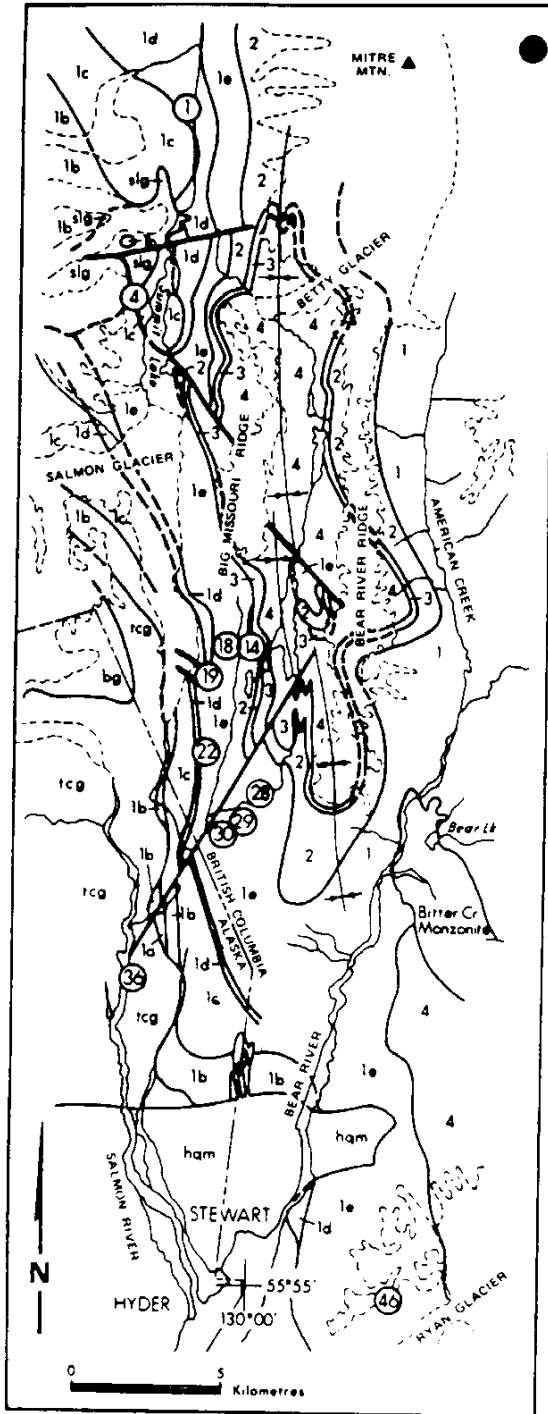
Between August 2 and 7, 1986, the author, along with W. Murton, P. Eng., examined and sampled mineral showings on the AM mineral claims. Between August 15 and September 15, 1986, a three man crew carried out a geological program mainly on showings on the west side of the American Creek Valley. This program included preliminary geologic mapping, trenching, sampling and prospecting.

For control, in excess of 6 kilometers of grid line was put in over the main showings, and extending south to the old Moonlight workings. The steepness of the terrain precluded the establishment of regular grid coverage over a broad area, and for the same reason, other areas of interest will likely require uneven grids. Much of the grid spacing is on 50 meter centres. (Fig. 4a and b).

A total of 174 rock samples were collected and analyzed for gold and silver, and many of them were assayed for copper, lead and zinc. A breakdown of samples analyzed is shown in the section on Sample data, and locations and results are shown on maps and appendices included with this report.

In addition 22 small pits or trenches were drilled and or blasted to expose fresh rock for sampling. Other small trenches were hand dug. These openings ranged up to 2 meters in length, 1 meter in width and rarely exceeded 1/2 metre in depth. The location of these pits are shown on figure 7 accompanying this report.





AM PROSPECT

UNIT SYMBOL	NAME AND LITHOLOGY	THICKNESS (metres)
4-SS	SEDIMENTARY SEQUENCE	
4b-SS	Sedimentary sequence: carbonaceous and calcareous sedimentary rocks; argillite, siltstone, sandstone, conglomerate, lesser limestone	>300
4a-TZS	Transition zone sedimentary rocks: black grills, sandstone, argillite, limestone, fossiliferous limestone, pumice conglomerates, weakly pyritic facies with upper Middle Jurassic-Bajocian to Carboniferous fossils	4-10
3-FVS	FELSIC VOLCANIC SEQUENCE	20-120
3f-BT	Black tuff: carbonaceous and lithic lapilli air fall tuff with interbedded sedimentary rocks	0-80
3a-PFT	Pyritic felsic tuff: siliceous air fall lapilli tuff and tuff breccia with 5 to 15 per cent disseminated pyrite	0-8
3d-UFT	Upper felsic tuff: siliceous, massive air fall lapilli tuff, and tuff breccia; partially welded	5-20
3c-MFT	Middle felsic tuff: felsic ash flows, single and compound units	10-40
3b-LFT	Lower felsic tuff: felsic, aphanitic, air fall dust tuff	5-15
3a-BF	Basal pumice facies: erosional remnants of air fall pumiceous tuff	0-16
2-ES	EPICLASTIC SEQUENCE	4-1 200
2b-EF	Epiclastic facies: conglomerate, sandstone, siltstone, lesser limestone	4-600
2a-OF	Oaflowic volcanic facies: tuffs, crystal tuffs, lapilli tuffs, porphyritic flows	0-600
1-AS	ANDESITIC SEQUENCE	
1g-PPF	Prairie porphyry flows: bimodal feldspar porphyritic andesite	0-60
1f-PPF	Augite porphyry flows: augite porphyritic andesite	0-60
1a-UAT	Upper andesite tuffs: dust tuffs, ash tuffs, crystal tuffs, lapilli tuffs, tuff breccias; interbedded epiclastic sedimentary rocks	2 000
1d-USM	Upper siltstone members: argillite, siltstone, sandstone, limestone, conglomerate	15-150
1e-MAT	Middle andesite tuffs: dust tuffs, ash tuffs, lapilli tuffs	1 750
1b-LSM	Lower siltstone members: argillite, siltstone, sandstone	50-200+
1a-LAT	Lower andesite tuffs: ash tuffs	100+

TABLE 10  
TABLE OF INTRUSIVE ROCKS

UNIT SYMBOL	NAME AND LITHOLOGY	AGE (Ma)
tcg	Texas Creek granodiorite: hornblende, granodiorite, coarse grained, local coarse feldspar porphyritic phases	210
pp	Prairie porphyry dykes: bimodal feldspar porphyritic diorite/andesite, ± hornblende, ± quartz phenocrysts	(?) Lower Jurassic
slg	Summit Lake granodiorite: hornblende granodiorite; medium to coarse grained	(?) Same as tcg?
mp	Mill porphyry dykes: bimodal feldspar-porphyritic diorite/andesite	(?) Same as pp?
bg	Boundary granodiorite: biotite granodiorite, golden sphen, ± hornblende; medium grained	52
hqm	Hyder quartz monzonite: biotite granodiorite to quartz monzonite, golden sphen, ± hornblende	50
pc	Portland Canal dyke swarm: early granodiorite, middle microdiorite, late leucophyre	(?) Same as hqm?

MAJOR MINERAL DEPOSITS

- |   |   |  |   |
|---|---|--|---|
| EAST GOLD MINE _____                    | ① | INDIAN MINE _____                      | ⑬ |
| SCOTTIE GOLD MINE _____                 | ② | SEBAKWE MINE _____                     | ⑭ |
| DAGO HILL DEPOSIT _____                 | ③ | B.C. SILVER MINE _____                 | ⑮ |
| BIG MISSOURI MINE IS-1 ZONE _____       | ④ | SILKIN PREMIER MINE _____              | ⑯ |
| CONSOLIDATED SILVER BUTTE DEPOSIT _____ | ⑤ | RIVERSIDE MINE _____                   | ⑰ |
|   |   | PROSPERITY ① PORTER ② OAHU MINES _____ | ⑱ |

GENERALIZED GEOLOGY, STEWART AREA  
(After Aldrick, D.J. 1984)

Figure 3

REGIONAL GEOLOGY.

The Stewart area is underlain by a north-northwest trending assemblage of 'Hazelton Group' volcanic and sedimentary rocks near the boundary of the Cordilleran Intermontaine and Coast Plutonic belts. The Hazelton rocks are flanked on the east by a thick series of sedimentary rocks of the Bowser Group. The group is deformed along major northerly trending fold axes, and is intruded by stocks and tabular masses of granitic rocks as young as Tertiary age.

Mineral deposits near Stewart are responsible for much of the past economic activity in the area and consequently have been the focus of much study. (Aldrick, D.J. 1982-85) has identified and described major components and the evolutionary history of an andesitic to dacitic stratovolcanic complex of upper Triassic to lower Jurassic age. Many of the precious metal veins are late to post-intrusive epithermal veins emplaced in the andesitic to dacitic host rocks about 180 million years ago. This system of veins is described as showing a regional zoning pattern of sulphides, vein textures and silver-gold ratios, and is spatially related to the coeval Texas Creek granodiorite stock.

A second system of silver-rich galena-sphalerite-freibergite veins in the area appears to be related to the intrusion of Eocene-aged biotite granodiorite stocks.

The following schematic cross-section and tables of lithologies (after Aldrick) in part summarizes the setting of mineral deposits near Stewart relative to geology.

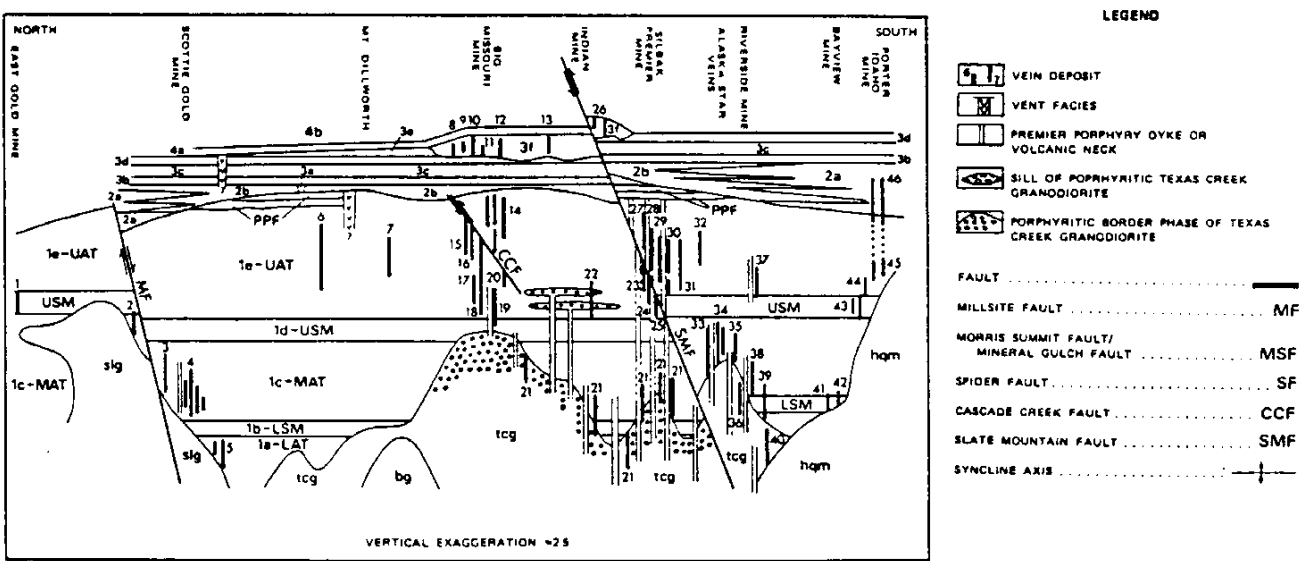


Figure 116. Schematic cross-section showing stratigraphic position of mineral deposits, Salmon River valley. See Table 1 and Figure 115 for legend.

GEOLOGY OF THE AM CLAIMS.

The AM and related mineral claims cover the upper section of American Creek. This area is shown on British Columbia Ministry of Energy, Mines and Petroleum Resources Maps (Unuk River-Salmon River-Anyox, 1982) to be underlain by the following formations believed to correlate with the lower units 1 and 2 of Aldricks classification.

Unit 12 Unuk River Formation

Green, Red and Purple volcanic breccia, conglomerate, sandstone and siltstone (a); Crystal and lithic tuff (b); Sandstone (c); Conglomerate (d); Limestone (e); Chert (f); Minor coal (g).

Unit 13 Green, red and purple and black volcanic breccia, conglomerate sandstone and siltstone (a); Crystal and lithic tuff (b); siltstone (c); Minor chert and limestone. (Includes some lava of unit 14) (d).

The upper section of American Creek is shown to follow the course of a major fault trending about  $014^{\circ}$ . Several kilometers to the south towards the Bear River, the creek is near the axial plane of the American Creek anticline that trends mainly west of north. It is perhaps significant that regional fault directions in this area are also variable. Preliminary work on the AM claims has identified the following.

- A) A lower dark argillite unit that outcrops on both sides of the valley. To the east it is associated with limestone around the old Virginia K workings. To the west it is exposed up to elevation 1160 meters asl at the Moonlight showings. At this location it strikes northeast and dips from  $40^{\circ}$  to  $60^{\circ}$  northwest. Further to the north, it strikes northwest and dips about  $30^{\circ}$  northeast
- B) The argillite is succeeded upward on the west slope of the valley at approximate elevation 1025 meters asl, by a well-bedded blue-grey silty tuff that is interbedded with about 5% dark grey siltstone or argillite. Coarser gritty layers up to 1/3 meter in width are present, and near the contacts, rounded clasts of the finer sedimentary rocks occur in the coarser tuff. Where noted, attitudes strike west to northwest, however dips range from low to moderate angles northeast, north and west.
- C) The tuff-siltstone assemblage is succeeded upwards and to the west by a green, maroon and reddish fragmental assemblage that includes tuff, breccia, conglomerate and agglomerate.

Small limestone fragments, several tens of meters or more in length, along with minor amounts of dark chert are also evident. Prospecting has shown this unit to be present to the west at least to the 1560 meter elevation. It may correlate with unit 2b in the Aldrick classification.

A fault, roughly parallel to the American Creek fault, passes north-northeast through the contact area between the siltstone-tuff unit and the green-maroon fragmental unit. This area appears to be a transition zone marked by a narrow 2 meter dark green augite porphyry dyke with conspicuous hornblende; a fine-grained green tuff; a medium grained augite-rich andesite or diorite; and areas of strong silicification. A small outcrop of fine-grained augite porphyry has also been noted west of the fault.

The area around the fault, and particularly to the east, is cut by a northerly-trending, steeply dipping swarm of green felsic dykes that range upwards from 2 meters in width. The dykes contain 2% to 10% mafics, mainly hornblende; trace to 1% pyrite; are commonly chloritized and in places strongly altered (bleached). A whole rock ICP analysis from a specimen at 900S-150 W indicates a composition close to dacite or granodiorite.

Near the fault and mainly to the west, the volcanic and sedimentary assemblage is cut by medium to coarse-grained granodiorite porphyry dykes or sills that may be up to 30 meters wide. The rocks contain hornblende laths up to 1 centimeter in length, plagioclase, quartz, and 2% to 3% coarse orthoclase crystals about a centimeter in diameter. These dykes trend northerly or northeast and in one location dip  $-65^{\circ}$  westerly. They resemble the Premier Porphyry as shown on plate XX1b, Bulletin 58, Geology and Mineral Deposits of the Stewart Area by E.W. Grove, 1971.

A considerable amount of quartz, quartz-siderite and lesser calcite veins and minor barite are present near the fault on the northwest flank of American Creek. The veining is less intense along the trace to the south, and also up slope to the west. Much, but apparently not all of the quartz is present in late-stage epithermal veins. The veins are commonly crystalline and vuggy, and textures, directions and sulphide content indicate more than a single generation of emplacement. Breccias with either rock or quartz fragments are locally developed in the more highly silicified areas. Common directions of veins is northerly, north-northwest, north-northeast, and within a few degrees of west.

## MINERALIZATION.

The extent of the veining noted above is not fully defined. The veins are commonly manganese stained, and occur in areas of buff carbonate alteration in which rocks are locally well altered (bleached) and pyritic. The veins are usually less than but pinch and swell to a meter in width. In places they are discontinuous, but they also occur in clusters more than two meters wide, and locally form stockworks.

Within the main area of interest, and in scattered zones to the west, the veins are variably mineralized with pyrite, chalcopyrite, and lesser amounts of galena, tetrahedrite and sphalerite. Arsenopyrite was noted in one float specimen on the ridge. The higher gold content is associated with vuggy crystalline veins with pyrite and chalcopyrite. Assays have shown that some of the gold is in native form. The better mineralized veins trend northerly to northwesterly, but westerly trending veins partly coincident with bedding are also present. Silver to gold ratios are low.

On the ridge and slope to the west, small fragments ? of limestone a few to a few tens of meters in diameter occur in the green-maroon fragmental unit. The limestone is locally mineralized with galena, sphalerite, and minor tetrahedrite ?, pyrite and chalcopyrite. A boulder of similar material was sampled on the ridge at a bearing of  $218^{\circ}$  from camp. North of the mineralized limestone, pyritic barite? forms a conspicuous gossan trending about  $150^{\circ}$ .

A large open cut above a prominent argillite cliff on the Moonlight property about 1.8 km. south of the silicified area investigates two fault veins trending  $340^{\circ}$  to  $350^{\circ}/33^{\circ}$  west. The veins are mineralized with quartz, tetrahedrite, galena and lesser chalcopyrite and sphalerite. The veins are about 4.5 meters apart and where exposed appear to pinch along strike. Mineralization is up to 0.40 meters wide. Three hundred and fifty meters to the north, a short adit investigates a narrow limonitic southerly trending fault. Between the adit and cut, a few small trenches and pits investigate narrow quartz stringers with pyrite, chalcopyrite and minor tetrahedrite and galena; and also a carbonatized fault zone.

Old workings on the Virginia K and related reverted crown-granted claims investigate a number of prospects on the east side of American Creek. The mineralization is described by E.W. Croves in Bulletin 58 as being: "...Primarily consisting of quartz-calcite veins and stringers which occur in fissure veins, in minor shears and fractures, and along bedding fractures. Sulfide minerals in the veins include pyrite, galena, sphalerite and minor chalcopyrite and tetrahedrite. Native gold and silver as well as rare electrum have been reported from the quartz-calcite stringers". Rocks in the area include argillite, limestone and a green felsic dyke unit.

The silver content and silver to gold ratios in areas away from the silicified zone tends to be higher.

SAMPLE DATA.

174 rock samples were collected from the showings noted on the included maps. These samples were either of a reconnaissance type taken on prospecting traverses, or were moiled or chipped over specific widths. Thirty-two talus fines were also collected from a reconnaissance traverse along the upper east side of American Creek.

The samples were analyzed as follows:

- 163 samples were fire assayed for gold and silver.
  - 35 samples were assayed for copper, lead and zinc.
  - 25 samples were assayed for 30 elements by ICP methods.
  - 51 samples were assayed for 10 elements by ICP methods.
  - 32 talus fines were assayed for gold by AA.
- 24 samples were re-assayed to determine if gold might be present in native form.

SAMPLE RESULTS.

Seven of the 24 samples re-assayed for gold showed that some of the gold is present in native form. A comparison of these results follows: (See appendix 2)

<u>Sample No.</u>	<u>Original Fire Assay oz/T gold.</u>	<u>Reject-Fire Assay Ave +100 and -100</u>	<u>Change as % of original F.A.</u>
AC 12	1.422	1.526	+ 7.31%
AC 13	0.234	0.126	-46.15%
AC 14	0.085	0.123	+44.70%
AC 52	0.139	0.200	+43.88%
AC 58	0.129	0.236	+82.94%
AC 78	0.272	0.266	- 2.20%
AC 80	0.483	0.415	-14.08%

These variations are of sufficient importance to indicate that all further evaluations make adequate allowance for assays including native elements.

The preliminary program identified several areas that require follow-up work to aid evaluation. Brief descriptions and a summary of the more important assay data follows:

A) Silicified Zone.

- (1) An area near 300N-100E has previously been investigated by a few shallow trenches and at least three short X-Ray drill holes. The trenches incompletely expose manganese stained quartz and quartz-siderite veins with varying amounts of pyrite, chalcopyrite, and lesser galena, tetrahedrite and sphalerite. The general area is also cut by numerous westerly-trending stockwork type quartz veinlets that carry only minor sulphide. The better mineralized veins trend  $\pm 355/30^{\circ}$  to  $60^{\circ}W$  and  $\pm 330/48^{\circ}$  to  $78^{\circ}W$ . These veins are auriferous, and preliminary analyses indicates the gold is in part in native form.

The area is not sufficiently well exposed to determine continuity. The northern part of the zone appears close to the intersection of two vein systems of the above trends. The central section and the trace of the veins to the north and south is obscured by overburden. A number of significant assays were obtained in the 1986 program.

<u>Sample No.</u>	<u>Width</u>	<u>Au oz/T</u>	<u>Ag oz/T</u>	<u>Cu %</u>	<u>Pb %</u>	<u>Zn %</u>
AC 4	0.40M	0.454	5.25	1.12	0.50	0.04
AC 6	0.27M	0.102	0.54	0.07	0.07	0.04
AC 7	0.30M	0.668	7.70	1.18	0.42	0.14
AC 4,6,7(Ave)	0.97M	0.421	4.69	0.82	0.35	0.07
WMA11	0.25M	0.660	15.90	Pecce samples		
WMA12	Select	0.306	4.46	same area as above.		
AC 80	1.06M	0.485	2.39	0.38	0.43	0.25
AC 80*	1.06M	0.415				
AC 81	1.00M	0.057	1.48	0.23	0.12	0.12
AC 83	0.40M	0.124	0.85	0.23	0.14	0.10
AC 12	0.33M	1.422	41.08	5.89	1.38	2.29
AC 12*	0.33M	1.526				
AC 13	0.35M	0.234	1.89	0.35	0.54	1.39
AC 13*	0.35M	0.126				
AC 14	0.90M	0.085	18.56	0.52	0.09	0.18
AC 14*	0.90M	0.123				
WMA 8	Select	3.496	19.89	Recce. samples, same		
WMA 9	Select	1.704	12.29	area AC 12 and 13		
AC 9	0.47M	0.246	9.76	0.29	1.50	0.10
AC 78	0.50M	0.272	1.65	0.16	0.35	0.29
AC 78*	0.50M	0.266				

\* Average gold from re-assay of rejects +100 and -100 mesh. See figure 4b for locations.

- (2) The Murton showing near 450N-100F includes a large altered bleached zone with quartz veining trending about 290°. Fine veinlets and minor disseminations of galena, tetrahedrite and lesser amounts of pyrite, chalcopyrite and sphalerite are evident; and a small outcrop of crystalline barite is also present. Samples WMA 18 to 24 returned low gold and silver assays, however two selected samples from this zone yielded:

Sample No.	Width	Au oz/T	Ag oz/T	Cu%	Pb%	Zn%
WMA 25	select	0.010	27.04	0.14	1.92	4.95
AC 234	select	0.205	6.07	NA	NA	NA

- (3) A quartz-calcite stringer zone with breccia development trends about 025° from 450N-150E through 550N-175 to 200E. The zone varies upwards of 2 meters in width and contains pyrite and minor chalcopyrite and galena. Eight reconnaissance type samples yielded:

AC 91	select	0.039	0.08			
AC 221	"	0.005	0.20			
AC 222	"	0.160	1.20			
AC 223	"	0.027	1.07			
AC 224	"	0.019	1.09			
AC 231	"	0.021	17.50			
AC 232	"	0.001	1.62			
AC 233	"	0.004	4.94			

- (4) Claim Line, 450N-340F  
A number of lensey quartz veins locally well mineralized with pyrite, chalcopyrite and galena, occur near a creek draining the main cirque area. Bedding attitudes trend westerly and the creek area may mark a point of flexure or faulting as dips to the north of the creek are 21° to 25°N, and to the south are 44°N. The veins are partly coincident with bedding. Three of thirteen samples yielded important gold content, and one sample yielded high silver as follows:

AC 50	0.27M	0.289	89.15			
AC 52	0.45M	0.139	2.36	0.77	0.38	0.66
AC 52*	0.45M	0.200				
AC 58	0.40M	0.129	1.00	0.62	0.19	1.00
AC 58*	0.40M	0.236				

- (5) Other samples with important precious metal content are scattered within or mainly west of the silicified area. Some of these occurrences are small however many of them are poorly exposed and not fully traced. Significant results include:

AC 75	0.33M	0.504	27.65	2.55	0.35	0.06
-------	-------	-------	-------	------	------	------

Widest part of exposed vein near 350N-200E

\* Assay reports 86-2319R(EX) and 86-2765AR (EX).



<u>Sample No.</u>	<u>Width</u>	<u>Au oz/T</u>	<u>Ag oz/T</u>	<u>Cu%</u>	<u>Pb%</u>	<u>Zn%</u>
AC 69	0.40M	0.171	0.23	Near 275N-200W		
AC 70	0.35M	0.182	0.21	"	"	"
AC 204	Select	0.514	0.89	Recce, same area.		
AC 72	Select	0.236	5.15	See also AC 238.		
AC 209	Select	0.748	1.60	Near 500N-400W.		
AC 211	0.12M	0.389	1.11	"	"	"
AC 93	0.15M	0.086	18.47	Near 280N-175E		
WMA 10	Dump	0.178	0.92	0.23	0.05	0.03
WMA 15	Float	0.372	3.98	0.57	0.15	0.06

The widespread vein development, the sulphide content, and alteration features, indicate that all of the above zones are part of a mineralized complex that is not fully defined. The complex is likely related to intrusion and to the northerly fault, however westerly trending cross veining infers other controls may also be important. The high precious metal content over important widths in a number of the veins is sufficiently encouraging to warrant more detailed examination.

B) Altered Limestone.

Exposures of limestone that appear to be small fragments, a few to several meters in diameter, occur within the maroon-green fragmental unit mainly high on the ridge near permanent snowfields. They are locally mineralized with galena, sphalerite and tetrahedrite?. In view of the following assays and their implications, further prospecting efforts in this area should be undertaken.

<u>Sample No.</u>	<u>Width</u>	<u>Au oz/T</u>	<u>Ag oz/T</u>	<u>Cu%</u>	<u>Pb%</u>	<u>Zn%</u>
AC 206	Select	0.023	14.39	See ICP data.		
AC 207	Select	0.093	5.12	"	"	"
AC 208	Select	0.010	38.90	"	"	"
AC 61	0.75M	0.004	2.80	0.01	0.77	2.15
AC 62	1.60M	0.001	3.46	0.01	0.25	0.60
AC 63	1.10M	0.001	1.98	0.01	0.08	0.36
AC 64	1.25M	0.016	15.96	0.06	3.06	7.58
AC 246	Float	0.015	12.87	0.03	0.85	6.44

C) Moonlight. (Figures 4a and 4b).

The following assays reveal the high silver content of a zone that has been high-graded in the past. At present exposure, this zone appears to be limited, however other exposures in the area also show elevated levels of silver, and mapping should be continued to aid in the further evaluation.

Sample No.	Width	Au oz/T	Ag oz/T	Cu%	Pb%	Zn%
WMA 4	0.20M	0.002	52.78	0.37	26.80	0.82
WMA 5	0.35M	0.008	66.26	0.57	21.80	0.31
WMA 6	0.40M	0.312	41.11	1.69	4.39	0.85
AC 31	0.36M	0.002	9.04	See ICP data.		
AC 32	0.40M	0.006	2.46	"	"	"
AC 33	Grab	0.001	1.30	"	"	"
AC 34	Grab	0.001	7.58	"	"	"

D) Virginia K.

Six samples collected from the various showings reveal an important silver content. A small grid covering prospects on non-alienated ground would provide control for geological and related surveys to further evaluate the ground.

VK 1	0.30M	0.004	13.98	0.04	6.04	4.94
VK 2	Select	0.001	7.06			
VK 3	2.10M	0.001	1.06	0.01	0.54	1.49
VK 4	1.60M	0.001	0.25			
VK 5	1.30M	0.004	20.27	0.02	1.41	0.67
VK 6 *	0.80M	0.004	24.65	0.13	0.83	0.68

\* On alienated claims.

See figure 5.

See  
Ass  
RPT  
15/45

E) Reconnaissance (American Creek East).

Thirty-two talus fines were collected, mainly on 100 meter centres along the east side of American Creek north of the Legal Corner Post of the AM 1 to 4.

Analyses by atomic absorption resulted in a low range of gold assays between 1 and 33 ppb. Some of the sampled material is glacial moraine of uncertain thickness and origin, and for this reason more detailed prospecting rather than geochemistry may provide more useful data.

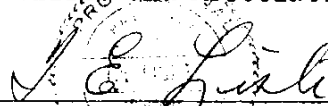
(See figure 6).

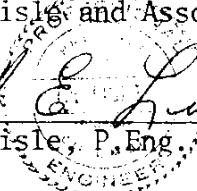
CONCLUSIONS.

The above work has identified a large zone of quartz and quartz-siderite veins on the west flank of upper American Creek valley, mainly in the AM-1 claim. Some of the veins are well mineralized with pyrite, chalcopyrite, and lesser amounts of galena, tetrahedrite and sphalerite and contain important amounts of gold and silver. The distribution of the veins and the precious metal content indicates that this area warrants serious detailed investigation.

The work has also confirmed an important silver, lead and zinc content, with minor copper and gold values at the old Moonlight prospect south of the above zone, and on the Virginia K claims to the east of American Creek. The work has also shown similar mineralization in large fragments ? of limestone on the ridge to the west of the gold zone. Little is known of the strength or continuity of these three areas, however the grades of sampled areas are sufficiently attractive to warrant more detailed study.

Respectfully submitted,  
T.E.Lisle and Associates Ltd.

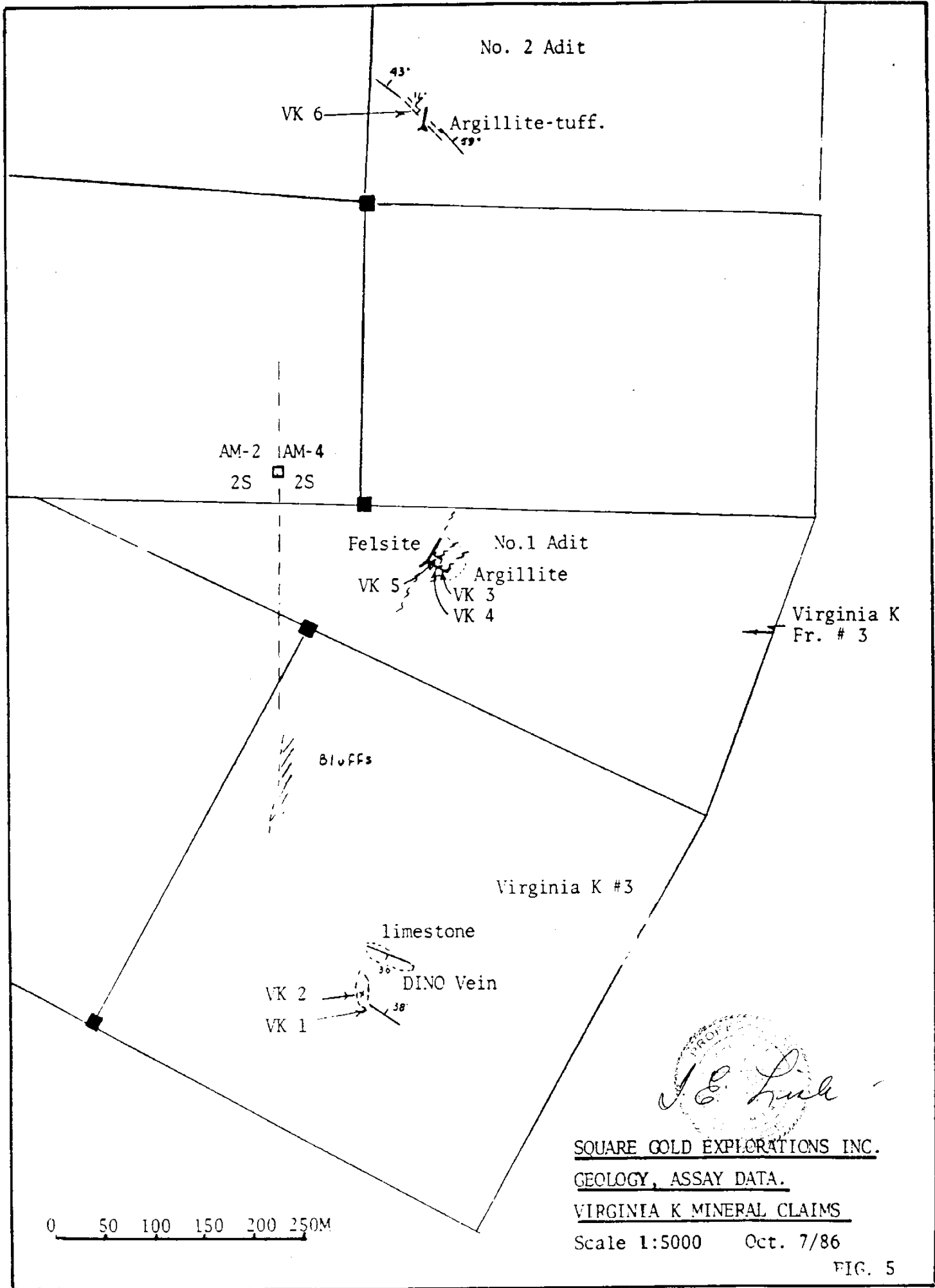
  
\_\_\_\_\_  
T.E.Lisle, P.Eng.



November 17, 1986.

REFERENCES.

- 1) Aldrick, D.J. Geological Fieldwork, 1982.  
Salmon River Project, Stewart, British Columbia  
Ministry of Energy, Mines and Petroleum Resources.
- 2) Aldrick, D.J. Geological Fieldwork, 1983.  
Geological setting of precious metal settings  
in the Stewart area
- 3) Aldrick, D.J. Stratigraphy and Petrology of the Stewart  
Mining Camp. Geological Fieldwork, 1984.
- 4) DeLeen, J  
Keytes, G  
Keytes, G  
Dupas, J.P. Geology of the Napco Claims. Napco 1 and 2,  
Fortune Cookie, Grubhouse. Assessment Report, 1979.  
Napco claim Group, American Creek, Stewart, Oct./79
- 5) Dupas, J.P. Geology of the Spider claim Group on Long Lake,  
104/A4. Geological Fieldwork , 1984
- 6) Grove, E.W. Geology and Mineral Deposits of the Stewart Area,  
Bulletin 58, 1971. British Columbia Department  
of Mines and Petroleum Resources.
- 7) Groves, W.D. -Report on the American Creek Property of  
Komody Resources Limited, November 10, 1980.  
-Geological Report on the Moonlight, Virginia K  
Property, American Creek Area, Stewart District,  
Northwestern British Columbia, for Territorial  
Petroleum Ventures Inc. June 23, 1986.
- 8) Grove, E.W.  
Carter, N  
et al. Unuk River, Salmon River, Anyox map areas.  
British Columbia Ministry of Energy, Mines and  
Petroleum Resources, 1982.
- 9) Mitchell, J.A. Excelsior Prospecting Syndicate, Virginia K  
Group, American Creek, Portland Canal district,  
November 30, 1936.
- 10) Reed, P.B. Letter Report on Napco-Moonlight property of  
Tournigan Mining Explorations Limited. Aug. 4, 1979.
- 11) -British Columbia Minister of Mines Annual Reports.  
1929, P 104, 105. ; 1930, p A109-110; 1931, A44-45.  
1932, P A60; 1935, P B23-24; 1937, B 20-24.  
1938, P B25-26; 1955, P 17-18.



No. 2 Adit

VK 6 → Argillite-tuff.  
43°  
59°

AM-2 2S    AM-4 2S

Felsite    No.1 Adit  
Argillite  
VK 5    VK 3  
          VK 4

Virginia K Fr. # 3

Bluffs

Virginia K #3

limestone  
DINO Vein  
VK 2 → 30°  
VK 1 → 38°

0    50    100    150    200    250M

*J.E. Lusk*

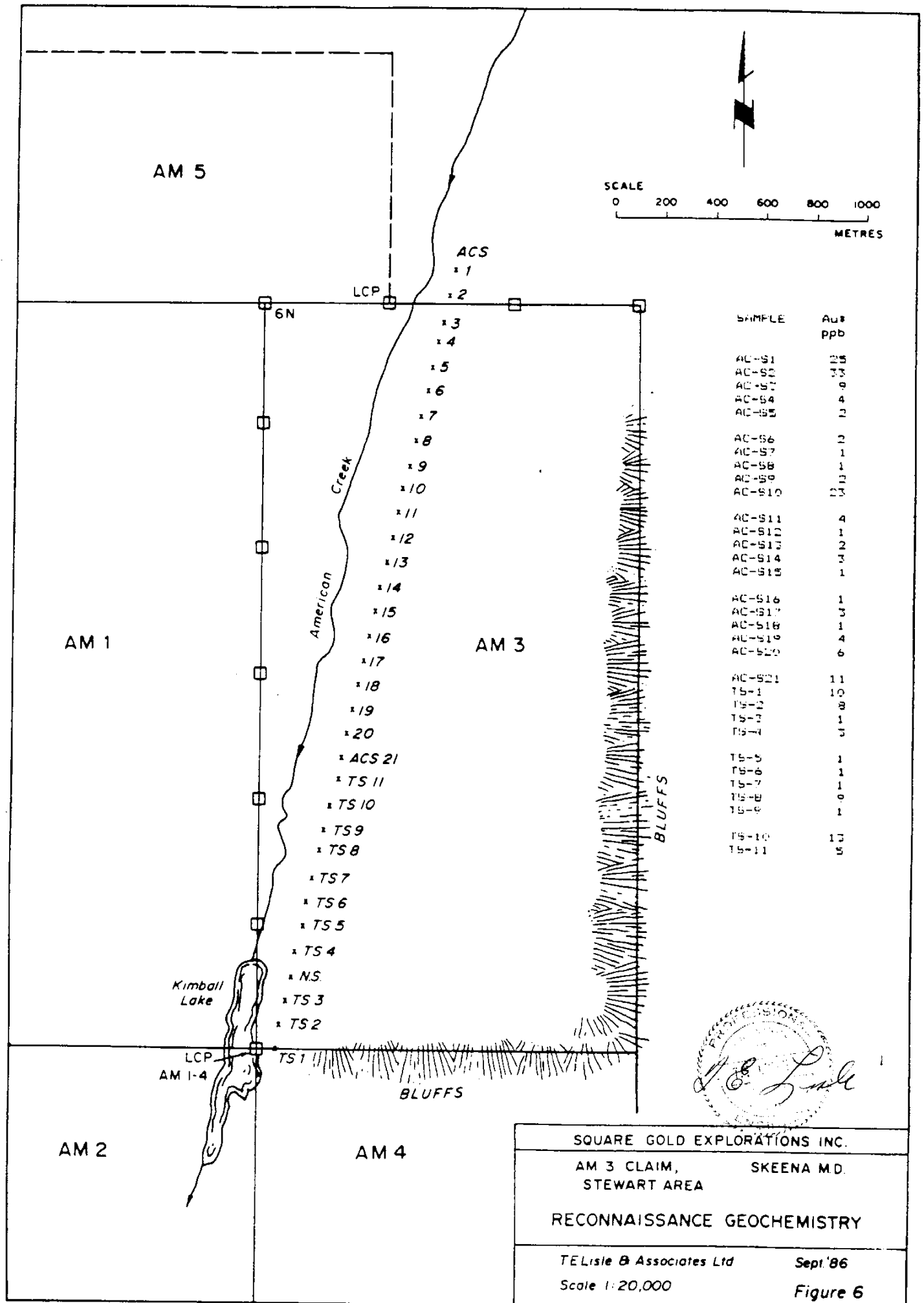
SQUARE GOLD EXPLORATIONS INC.

GEOLOGY, ASSAY DATA.

VIRGINIA K MINERAL CLAIMS

Scale 1:5000    Oct. 7/86

FIG. 5



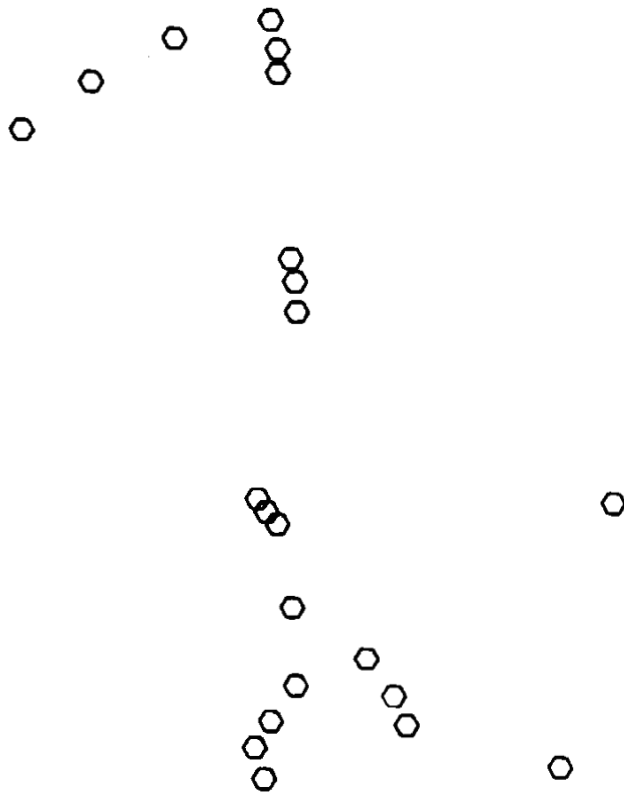
SQUARE GOLD EXPLORATIONS INC.

AM 3 CLAIM, SKEENA M.D.  
STEWART AREA

RECONNAISSANCE GEOCHEMISTRY

TELisle & Associates Ltd Sept '86  
Scale 1:20,000 Figure 6

Claim  
Line.



|||

AM-1      □ AM-3  
Post 4N    Post 4N

- Pits, Drilled and/or blasted.
- Area of hand dug pits.

*J. E. L. ...*

Square Gold Explorations Inc.  
Sketch showing location of  
test pits. Sketch to overlie  
figures 4a and 4b.

Scale 1:2500.      November/86

Figure 7

# T.E. LISLE & ASSOCIATES LTD.

GEOLOGICAL SERVICES

145 West Rockland Road, North Vancouver, B.C. V7N 2V8

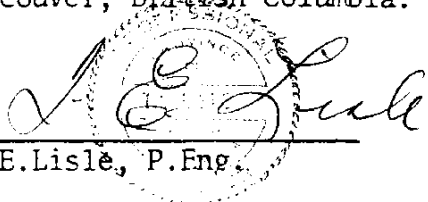
Telephone 604-987-0821

## APPENDIX 1.

I, Thomas E. Lisle do hereby certify:

- 1) That I am a consulting geologist with business office at the above address.
- 2) That I am a member in good standing of the:
  - Association of Professional Engineers of British Columbia.
  - Geological Association of Canada.
  - Canadian Institute of Mining and Metallurgy.
- 3) I graduated from the University of British Columbia with a Bachelor of Science Degree in 1964, and have practiced my profession continuously since that time mainly in western North America. Experience in the Stewart Area includes part of the 1957 summer season as a geological assistant, and as an assayer at the Silbak Mine in 1962.
- 4) The data, and conclusions and recommendations to this report have resulted from an evaluation of background data noted under the reference section; and on data collected by me and assistants between August 2, 1986 and September 15, 1986.
- 5) I have no interest, direct, indirect or contingent in the property described in this report, or in the securities of Square Gold Explorations Inc. I do not intend to acquire or receive any interest.

Dated this 20th of November/86 at North Vancouver, British Columbia.

  
T.E. Lisle, P. Eng.



APPENDIX 2

ASSAY DATA.

## GEOCHEMICAL/ASSAY CERTIFICATE

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
THIS LEACH IS PARTIAL FOR MN, FE, CA, P, CR, MG, BA, TI, B, AL, NA, K, W, SI, ZR, CE, SN, Y, NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.  
- SAMPLE TYPE: ROCK CHIPS AU ANALYSIS BY AA FROM 10 GRAM SAMPLE. AUNT BY FIRE ASSAY

DATE RECEIVED: AUG 8 1986 DATE REPORT MAILED: *Aug 15/86* ASSAYER: *D. Jager* DEAN TOYE, CERTIFIED B.C. ASSAYER.

SQUARE GOLD EXPLORATION FILE # 86-1931

PAGE 1

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	Au1	Cu	Pb	Zn	Ag11	Au11	
	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	%	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	%	%	PPH	PPH	%	PPH	%	PPH	%	%	%	PPH	PPH	%	%	%	QZ/T	QZ/T	
WH A-1	7	321	161	137	12.6	20	48	24143	18.95	294	7	2	2	13	1	2	17	10	.04	.009	2	1	.05	20	.01	3	.10	.01	.09	1	4100	-	-	-	-	-	-
WH A-2	3	195	473	156	8.8	17	13	2569	2.45	27	5	ND	1	6	1	6	2	7	.07	.028	6	3	.03	61	.01	4	.26	.01	.15	1	-	-	-	-	.28	.004	
WH A-3	3	65	53	204	10.5	20	9	3519	3.74	14	5	ND	2	59	1	10	2	14	3.97	.044	5	4	.37	91	.01	6	.31	.01	.17	1	-	-	-	-	.37	.001	
WH A-4	9	3426	20967	7258	209.6	6	3	1796	2.09	81	5	ND	1	45	85	2179	2	17	.24	.044	6	5	.34	36	.01	5	.63	.01	.09	1	-	.37	26.80	.82	52.78	.002	
WH A-5	12	5424	21640	2874	220.4	16	6	3847	3.04	189	5	ND	1	15	66	4613	3	6	.26	.017	2	3	.05	36	.01	6	.15	.01	.08	1	-	.57	21.80	.31	66.26	.008	
WH A-6	14	15084	21409	7238	238.4	33	15	2619	4.13	109	5	2	1	20	108	1163	2	8	.15	.032	5	2	.11	32	.01	10	.47	.01	.16	1	-	1.69	4.39	.85	41.11	.312	
WH A-7	7	118	1487	3200	16.9	6	16	35200	12.72	13	5	ND	2	42	25	14	2	17	.19	.032	9	2	.05	464	.01	5	.22	.01	.13	1	14	-	-	-	-	-	
WH A-8	25	51196	18001	23177	328.6	41	65	7147	12.30	44	5	59	1	2	370	304	207	3	.06	.001	2	1	.14	6	.01	2	.01	.01	.02	5	-	6.74	2.81	3.92	19.89	3.496	
WH A-9	8	12270	4143	1869	329.0	26	17	33870	15.41	43	9	43	2	5	20	110	74	8	.18	.001	5	1	.62	10	.01	2	.04	.01	.05	1	-	1.41	.57	.24	12.29	1.704	
WH A-10	4	2041	396	288	30.0	13	12	24941	8.76	47	9	4	1	42	3	31	12	4	.58	.010	3	2	.60	28	.01	3	.06	.01	.05	1	-	.23	.05	.03	.92	.178	
WH A-11	7	2987	3580	1216	377.1	9	11	7263	18.85	573	5	17	1	10	4	893	131	12	.02	.012	6	2	.03	12	.01	2	.05	.01	.06	1	-	-	-	-	15.90	.660	
WH A-12	7	4490	2574	488	125.4	33	25	11848	18.29	551	5	4	1	22	4	118	61	8	.03	.001	3	1	.04	10	.01	2	.04	.01	.05	1	-	-	-	-	4.46	.306	
WH A-13	11	62	76	74	5.4	4	8	705	4.10	22	5	ND	3	30	1	5	3	45	.17	.071	7	8	1.08	37	.05	2	1.33	.03	.18	1	150	-	-	-	-	-	
WH A-14	4	119	105	132	3.2	2	10	28639	9.30	5	5	ND	1	54	1	2	3	8	.09	.014	2	1	.06	216	.01	2	.09	.01	.06	1	-	.01	.01	.01	.14	.001	
WH A-15	4	5339	1149	524	122.6	11	21	15973	9.88	161	13	7	2	84	4	605	97	9	3.28	.008	2	1	.91	17	.01	2	.07	.01	.05	179	-	.57	.15	.06	3.98	.372	
WH A-16	2	1469	5738	320	15.1	2	3	447	.93	4	5	ND	1	3	5	23	3	2	.12	.007	2	4	.01	12	.01	4	.06	.01	.04	1	-	.15	.56	.03	.38	.001	
WH A-17	13	2047	4934	655	279.1	4	4	601	4.57	64	5	34	1	1	1	415	95	3	.02	.004	2	4	.01	40	.01	4	.07	.01	.02	1	39000	-	-	-	-	-	
WH A-18	12	323	4505	14288	146.3	10	20	4183	3.22	29	5	ND	1	10	123	47	2	14	.26	.077	3	3	.28	96	.01	7	.38	.01	.23	1	60	-	-	-	-	-	
WH A-19	3	140	531	1894	4.3	9	15	4399	3.69	11	5	ND	1	28	14	2	2	12	.82	.055	4	2	.42	143	.01	5	.34	.01	.20	1	85	-	-	-	-	-	
WH A-20	2	73	237	875	2.4	3	12	4709	3.77	15	5	ND	1	44	6	2	2	12	1.53	.052	4	2	.62	138	.01	2	.37	.01	.20	1	65	-	-	-	-	-	
WH A-21	12	43	174	342	3.1	2	7	15381	4.94	13	5	ND	1	40	3	2	2	3	.07	.015	2	1	.05	294	.01	3	.09	.01	.04	1	205	-	-	-	-	-	
WH A-22	1	106	55	96	.9	7	14	1176	3.12	10	5	ND	1	43	1	2	2	18	1.47	.052	5	3	.60	509	.01	4	.58	.02	.21	1	60	-	-	-	-	-	
WH A-23	12	53	5325	7050	34.2	1	11	5449	4.09	16	5	ND	1	44	32	5	2	14	1.22	.060	7	1	.36	168	.01	4	.36	.01	.23	1	175	-	-	-	-	-	
WH A-24	3	17	731	2165	3.8	4	8	6746	4.28	10	5	ND	2	32	16	2	2	10	1.18	.048	14	1	.29	447	.01	8	.50	.01	.21	1	27	-	-	-	-	-	
WH A-25	28	1336	17917	36189	279.8	6	7	1262	1.36	46	5	ND	1	8	374	626	2	8	.18	.063	4	1	.04	39	.01	3	.31	.01	.18	38	-	.14	1.92	4.95	27.04	.010	
STD C/AU 0.5	21	58	39	132	6.9	65	28	1087	3.93	37	22	8	34	49	18	15	20	62	.48	.100	37	57	.89	181	.08	39	1.73	.07	.13	15	895	-	-	-	-	-	

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

DATE RECEIVED: AUG 27 1986

DATE REPORT MAILED: *Sept 17/86*

**GEOCHEMICAL ICP ANALYSIS**

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
 THIS LEACH IS PARTIAL FOR MM.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.  
 - SAMPLE TYPE: PULP

ASSAYER: *[Signature]* DEAN TOYE. CERTIFIED B.C. ASSAYER.

SQUARE GOLD FILE # 86-2319 R

PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ni PPM	Mn PPM	As PPM	Sb PPM	Bi PPM	Ba PPM
AC 1	2	11	24	43	4	367	119	4	3	106
AC 2	5	11	19	48	5	590	49	2	3	26
AC 3	3	8	32	108	4	1461	47	3	3	50
AC 4	7	10640	4131	515	83	16950	559	47	85	7
AC 5	3	605	325	1534	36	13518	69	5	4	34
AC 6	11	730	623	375	11	8285	138	37	4	138
AC 7	10	11049	3623	1356	61	4778	456	757	82	8
AC 8	10	1764	643	1203	39	18361	93	17	7	275
AC 9	30	2838	13183	943	15	3170	188	395	72	66
AC 10	4	591	1644	305	10	2306	8	11	2	62
AC 11	8	677	418	1066	41	24729	37	19	7	171
AC 12	8	44026	10215	17815	30	43085	95	180	284	11
AC 13	4	3161	4327	11460	11	29208	16	6	36	33
AC 14	4	5007	854	1676	6	19105	30	77	10	29
AC 15	1	307	61	410	5	1180	14	4	2	136
AC 16	1	22	17	46	2	492	2	3	2	170
AC 17	1	35	44	23	6	258	5	2	2	42
AC 18	1	11	9	40	4	733	5	5	2	65
AC 19	1	12	4	104	4	944	2	2	2	58
AC 20	4	65	728	2341	3	2623	2	2	2	85
AC 21	6	37	69	432	7	17859	12	2	3	31
AC 22	4	34	50	75	5	12360	13	4	2	48
AC 23	10	24	108	225	14	30520	22	2	3	71
AC 24	7	137	170	257	14	24501	261	2	7	41
AC 25	5	32	263	667	6	3651	9	7	2	158
AC 26	6	18	17	30	43	348	26	6	2	32
AC 27	4	15	79	208	7	795	7	5	2	88
AC 28	4	222	53	435	96	1590	78	2	2	88
AC 29	12	968	1082	898	40	1011	599	21	3	22
AC 30	3	110	168	777	104	927	70	4	3	45
AC 31	3	1431	46	307	7	1025	73	798	2	36
AC 32	4	2945	273	425	10	1032	193	465	2	65
AC 33	4	216	6477	3303	43	2538	37	74	3	68
AC 34	6	378	2255	12218	46	4447	24	220	4	46
AC 35	1	57	41	196	60	785	17	9	2	68
AC 36	6	987	756	3406	78	5728	45	10	2	142
STD C	22	60	41	139	71	1118	40	15	22	184

## SQUARE GOLD

FILE # 86-2319 R

PAGE 2

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ni PPM	Mn PPM	As PPM	Sb PPM	Bi PPM	Ba PPM
AC 37	12	189	315	363	14	14889	52	12	2	31
AC 38	4	12991	246	294	6	17093	16	25	18	70
AC 39	1	162	23	110	2	3510	2	2	2	142
AC 40	3	20	147	2430	3	12550	9	2	3	395
AC 201	4	7409	74	812	5	1394	23	18	6	100
AC 202	4	553	940	6555	4	25333	6	12	2	759
AC 203	60	1483	20391	99999	1	6331	92	74	3	3
AC 204	2	3984	8113	7409	4	7913	10	40	15	82
AC 205	7	2620	78	28	2	1905	16	10	3	59
AC 206	51	190	14336	28610	1	12100	49	30	4	19
AC 207	44	2110	20329	50929	2	1515	134	25	4	6
AC 208	30	231	18005	36350	1	11797	46	20	5	18
AC 209	7	1552	259	204	4	17196	79	4	84	15
AC 210	5	109	173	383	3	28545	18	6	4	202
AC 211	14	6075	108	163	3	44544	57	58	40	5
STD C	21	58	40	136	70	1094	37	18	19	184

— Assay required for correct result for Cu > 10,000 PPM  
Pb > 10,000 PPM  
Zn > 20,000 PPM

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

DATE RECEIVED: AUG 27 1986

DATE REPORT MAILED:

*Sept 3/86*

### ASSAY CERTIFICATE

SAMPLE TYPE: ROCK CHIPS AU\*\* AND AG\*\* BY FIRE ASSAY

ASSAYER: *D. Toy* DEAN TOYE. CERTIFIED B.C. ASSAYER.

SQUARE GOLD FILE # 86-2319

PAGE 1

SAMPLE#	Ag** OZ/T	Au** OZ/T
AC 1	.01	.002
AC 2	.01	.001
AC 3	.02	.003
AC 4	5.25	.454
AC 5	.23	.008
AC 6	.54	.102
AC 7	7.70	.668
AC 8	.55	.022
AC 9	9.76	.246
AC 10	.19	.007
AC 11	1.19	.021
AC 12	41.08	1.422
AC 13	1.89	.234
AC 14	18.56	.085
AC 15	.17	.006
AC 16	.05	.001
AC 17	.03	.003
AC 18	.02	.004
AC 19	.01	.001
AC 20	.09	.001
AC 21	.02	.006
AC 22	.03	.004
AC 23	.05	.002
AC 24	.14	.025
AC 25	.03	.001
AC 26	.02	.001
AC 27	.01	.001
AC 28	.06	.001
AC 29	.59	.006
AC 30	.04	.001
AC 31	9.04	.002
AC 32	2.46	.006
AC 33	1.30	.001
AC 34	7.58	.001
AC 35	.03	.001
AC 36	.16	.001

SAMPLE#	Ag** OZ/T	Au** OZ/T
AC 37	1.61	.012
AC 38	1.06	.088
AC 39	.03	.001
AC 40	.02	.001
AC 201	.86	.001
AC 202	.56	.001
AC 203	49.35	.042
AC 204	.89	.514
AC 205	.17	.005
AC 206	14.39	.023
AC 207	5.12	.093
AC 208	38.90	.010
AC 209	1.60	.748
AC 210	.27	.012
AC 211	1.11	.389

MCME ANALYTICAL LABORATORIES LTD.  
152 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6  
PHONE 253-3158 DATA LINE: 251-1011

DATE RECEIVED: SEPT 19 1986

DATE REPORT MAILED: *Sept 24/86*

### ASSAY CERTIFICATE

SAMPLE TYPE: ROCK CHIPS AU\*\* AND AG\*\* BY FIRE ASSAY

ASSAYER: *W. Deane* DEAN TOYE. CERTIFIED B.C. ASSAYER.

SQUARE GOLD EXPLORATION FILE # 86-2765A

PAGE 1

SAMPLE#	Ag** OZ/T	Au** OZ/T
AC-41	1.05	.005
AC-42	.02	.001
AC-43	.04	.004
AC-44	.74	.025
AC-45	.71	.005
AC-46	1.06	.002
AC-47	3.09	.034
AC-48	.62	.027
AC-49	.71	.003
AC-50	89.15	.289
AC-51	.60	.005
AC-52	2.36	.139
AC-53	1.38	.004
AC-54	.13	.001
AC-55	.67	.057
AC-56	.17	.006
AC-57	1.35	.069
AC-58	1.00	.129
AC-59	.25	.004
AC-60	.08	.001
AC-61	2.80	.004
AC-62	3.46	.001
AC-63	1.98	.001
AC-64	15.96	.016
AC-65	.08	.007
AC-66	.18	.001
AC-67	.33	.041
AC-68	.10	.001
AC-69	.23	.171
AC-70	.21	.182
AC-71	.04	.001
AC-72	2.16	.018
AC-72 SELECT	5.15	.236
AC-73	.14	.003
AC-74	.05	.002
AC-75	27.65	.504

## SQUARE GOLD EXPLORATION

FILE # 86-2765A

PAGE 2

SAMPLE#	Ag** OZ/T	Au** OZ/T
AC-76	.27	.006
AC-77	.24	.001
AC-78	1.65	.272
AC-79	.36	.030
AC-80	2.39	.483
AC-81	1.48	.057
AC-82	.65	.003
AC-83	.85	.124
AC-84	.18	.008
AC-85	.09	.003
AC-86	.04	.001
AC-87	.20	.028
AC-88	.14	.009
AC-89	.12	.009
AC-90	.31	.001
AC-91	.08	.039
AC-92	.92	.003
AC-93	18.47	.086
AC-94	1.00	.004
AC-95	.32	.003
AC-96	.06	.004
AC-212	.01	.005
AC-213	.16	.001
AC-214	.47	.005
AC-214 <A>	.08	.001
AC-216	.35	.002
AC-217	7.70	.030
AC-218	.04	.004
AC-219	.36	.006
AC-220	.73	.005
AC-221	.20	.005
AC-222	1.24	.160
AC-223	1.07	.027
AC-224	1.09	.019
AC-225	.25	.003
AC-226	.24	.001



SAMPLE#	Ag** OZ/T	Au** OZ/T
AC-227	.06	.001
AC-228	.01	.001
AC-229	.01	.001
AC-230	1.00	.005
AC-231	17.50	.021
AC-232	1.62	.001
AC-233	4.92	.004
AC-234	6.07	.205
AC-235	2.22	.004
AC-236	7.83	.002
AC-237	.10	.001
AC-238	4.46	.241
AC-239	5.30	.007
AC-240	.07	.001
AC-241	.19	.002
AC-242	.01	.007
AC-243	7.72	.001
AC-244	13.83	.001
AC-245	.28	.001
AC-246	12.87	.015
VK-1	13.98	.004
VK-2	7.06	.001
VK-3	1.06	.001
VK-4	.25	.001
VK-5	20.27	.004
VK-6	24.65	.004

ACME ANALYTICAL LABORATORIES LTD.  
852 E. HASTINGS, VANCOUVER B.C.  
PH: (604)253-3158 COMPUTER LINE:251-1011

DATE RECEIVED SEPT 19 1986

DATE REPORTS MAILED

*Sept 24/86*

### GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE TYPE : SOIL - DRIED AT 60 DEG C. . -80 MESH.  
Au\* - 10 GM.IGNITED. HOT AQUA REGIA LEACHED, MIBK EXTRACTION. AA ANALYSIS.

ASSAYER *D. Toye* DEAN TOYE . CERTIFIED B.C. ASSAYER

SQUARE GOLD EXPLORATION FILE# 86-2765

PAGE# 1

SAMPLE	Au* ppb
AC-S1	25
AC-S2	33
AC-S3	9
AC-S4	4
AC-S5	2
AC-S6	2
AC-S7	1
AC-S8	1
AC-S9	2
AC-S10	23
AC-S11	4
AC-S12	1
AC-S13	2
AC-S14	3
AC-S15	1
AC-S16	1
AC-S17	3
AC-S18	1
AC-S19	4
AC-S20	6
AC-S21	11
TS-1	10
TS-2	8
TS-3	1
TS-4	3
TS-5	1
TS-6	1
TS-7	1
TS-8	9
TS-9	1
TS-10	13
TS-11	5

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

DATE RECEIVED: OCT 3 1986

DATE REPORT MAILED:

*Oct 17/86*

### ASSAY CERTIFICATE

1.00 GRAM SAMPLE IS DIGESTED WITH 50ML OF 3-1-2 OF HCL-HNO3-H2O AT 95 DEG. C. FOR ONE HOUR.  
AND IS DILUTED TO 100ML WITH WATER. DETECTION FOR BASE METAL IS .01%.

- SAMPLE TYPE: PULP

ASSAYER: *N. Toy* DEAN TOYE, CERTIFIED B.C. ASSAYER.

SQUARE GOLD EXPLORATION

FILE # 86-2319 R

PAGE 1

SAMPLE#	Cu %	Pb %	Zn %
AC-4	1.12	.50	.04
AC-6	.07	.07	.04
AC-7	1.18	.42	.14
AC-9	.29	1.50	.10
AC-12	5.89	1.38	2.29
AC-13	.35	.54	1.39
AC-14	.52	.09	.18

SQUARE GOLD EXPLORATION

FILE # 86-2765A R

PAGE 1

SAMPLE#	Cu %	Pb %	Zn %
AC-52	.77	.38	.66
AC-58	.62	.19	1.00
AC-61	.01	.77	2.15
AC-62	.01	.25	.60
AC-63	.01	.08	.36
AC-64	.06	3.06	7.58
AC-75	2.55	.35	.06
AC-78	.16	.35	.29
AC-80	.38	.43	.25
AC-81	.23	.12	.12
AC-83	.23	.14	.10
AC-85	-	.01	-
AC-243	.02	.22	.26
AC-244	.01	1.60	.36
AC-246	.03	.85	6.44
VK-1	.04	6.04	4.94
VK-3	.01	.54	1.49
VK-5	.02	1.41	.67
VK-6	.13	.83	.68

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

WHOLE ROCK ICP ANALYSIS

A .1000 GRAM SAMPLE IS FUSED WITH .60 GRAM OF LiBO2 AND IS DISSOLVED IN 50 MLS 5% HNO3.  
- SAMPLE TYPE: ROCK CHIPS

DATE RECEIVED: SEPT 19 1986 DATE REPORT MAILED: *Sept 26/86* ASSAYER: *D. Jones* DEAN TOYE. CERTIFIED B.C. ASSAYER.

SQUARE GOLD EXPLORATION FILE # 86-2760

PAGE 1

SAMPLE#	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ba	Loi	Sum
	%	%	%	%	%	%	%	%	%	%	%	PPM	%	
SQUARE GOLD	65.57	15.64	4.54	1.60	1.05	4.25	3.70	.40	.13	.09	.01	2851	2.3	99.83

*SPECIMEN # 22 Small dyke near 9003 - 150 W.  
PLOTS IN GRANODIORITE-DALITE RANGE*

*Oct 17/86*

**ASSAY CERTIFICATE**

SAMPLE TYPE : REJECT  
 AU BY FIRE ASSAY  
 ND = NONE DETECTED

ASSAYER: *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

SQUARE GOLD EXPLORATION FILE# 86-2319 R

PAGE# 1

SAMPLE	Sample wt. gm	Au-100 oz/t	Native Au mg	Average oz/t
AC 4	370	.454	ND	.454
AC 5	520	.008	ND	.008
AC 6	320	.102	ND	.102
AC 7	340	.668	ND	.668
AC 9	320	.246	ND	.246
AC 10	330	.007	ND	.007
AC 11	300	.021	ND	.021
AC 12	500	1.422	1.64	1.518
AC 13	450	.234	.02	.236
AC 14	460	.085	.13	.093
AC 28	80	.001	ND	.001
AC 29	300	.006	ND	.006

SQUARE GOLD EXPLORATION FILE# 86-2765A R

PAGE# 1

SAMPLE	Sample wt. gm	Au-100 oz/t	Native Au mg	Average oz/t
AC-52	400	.139	.37	.166
AC-58	270	.129	.14	.145
AC-64	400	.016	ND	.016
AC-75	180	.504	ND	.504
AC-78	420	.272	.92	.336
AC-79	260	.030	ND	.030
AC-80	400	.483	.08	.489
AC-81	420	.057	ND	.057
AC-83	320	.124	ND	.124
AC-84	300	.008	ND	.008
AC-85	390	.003	ND	.003
AC-246	300	.015	ND	.015

NOTE. The assay averages shown on reports 86-2319 R and 86-2765A R have resulted from computer calculation of initial fire assay data and the assay of +100mesh fraction of a second sample reject. The correct average is shown on report Nos 86-2765AR (EX) and 862319R (EX).

*J. E. K. ...*

ACME ANALYTICAL LABORATORIES LTD.  
852 E. HASTINGS, VANCOUVER B.C.  
PH: (604)253-3158 COMPUTER LINE:251-1011

DATE RECEIVED OCT 29 1986

DATE REPORTS MAILED Nov 5/86

### ASSAY CERTIFICATE

SAMPLE TYPE : PULP -100 mesh sieved  
AU\*\* BY FIRE ASSAY

ASSAYER: D. Toye DEAN TOYE , CERTIFIED B.C. ASSAYER

SQUARE GOLD EXPLORATION FILE# 86-2765AR (EX)

PAGE

SAMPLE	Sample wt. gm	Au-100 oz/t	Native Au mg	Average oz/t
AC-52	400	.173	.37	.200
AC-58	270	.221	.14	.236
AC-78	420	.202	.92	.266
AC-80	400	.408	.09	.415

ACME ANALYTICAL LABORATORIES LTD.  
852 E. HASTINGS, VANCOUVER B.C.  
PH: (604)253-3158 COMPUTER LINE:251-1011

DATE RECEIVED OCT 29 1986

DATE REPORTS MAILED Nov 5/86

### ASSAY CERTIFICATE

SAMPLE TYPE : PULP -100 mesh sieved  
AU\*\* BY FIRE ASSAY

ASSAYER: D. Toye DEAN TOYE , CERTIFIED B.C. ASSAYER

SQUARE GOLD EXPLORATION FILE# 86-2319R (EX)

PAGE#

SAMPLE	Sample wt. gm	Au-100 oz/t	Native Au mg	Average oz/t
AC 12	500	1.430	1.64	1.526
AC 13	450	.124	.02	.126
AC 14	460	.115	.13	.123

APPENDIX 3

CLAIM DATA.

MAP NO. 104A/SW FORM G RECORD NO. 5332

MINING RECEIPT NO. 233885E RECORDED AT Prince Rupert B.C. THIS 22 DAY OF April 19 86

DO NOT WRITE IN SHADED AREAS L. Tennison Skeena

APPLICATION TO RECORD A MINERAL CLAIM.

I, Johann V. Foerster AGENT FOR 103 - 1741 West 10th Avenue Vancouver, B.C., V6J 2A5

VALID SUBSISTING F.M.C. NO. 220912 VALID SUBSISTING F.M.C. NO. \_\_\_\_\_

STATE THAT: I COMMENCED LOCATING THE AM 1 MINERAL CLAIM

ON THE 23 DAY OF March, 19 86 AT 12:45 p.m. AND COMPLETED THE LOCATION

ON THE 23 DAY OF March, 19 86 AT 12:55 p.m. CONSISTING OF

6 UNIT LENGTHS North AND 3 UNIT LENGTHS West AND I HAVE IMPRESSED ALL THE REQUIRED INFORMATION

ON METAL TAGS NO. 97517 WHICH HAS BEEN SECURELY FASTENED TO THE POSTS AS REQUIRED UNDER THE REGULATIONS

IDENTIFICATION POST(S) NOT PLACED WERE 1N, 2N, 3N, 4N, 5N, 6N, 6N/1W, 6N/2W, 6N/3W, 5N/3W, 4N/3W, 3N/3W, 2N/3W, 1N/3W, 3W, 2W & 1W (Steep terrain, snow and icefields).

CHECK APPLICABLE SQUARE  THE LEGAL CORNER POST  THE WITNESS POST FOR THE LEGAL CORNER POST IS SITUATED 6.7 kilometers on a bearing of 085.5 degrees from the peak of Mitre Mountain

BEARING AND DISTANCE TO TRUE POSITION OF LEGAL CORNER POST FROM THE WITNESS POST \_\_\_\_\_

BEARING AND DISTANCE FROM IDENTIFICATION POST TO WITNESS POST \_\_\_\_\_

I HAVE COMPLIED WITH ALL THE TERMS OF THE MINERAL ACT AND REGULATIONS PERTAINING TO THE STAKING OF MINERAL CLAIMS AND HAVE ATTACHED A PLAN ACCEPTABLE TO THE GOLD COMMISSIONER OF THE LOCATION.

Johann V. Foerster  
SIGNATURE

104A SW  
233885E 1460  
OFFICE STAMP

Possible Contravention of the Mineral Act - appears to be staked over ptn. R.C.G. Lot 5823.

NO. OF UNITS 18

UNIT NO.	CLIN	MINING RECEIPT NO. (DATE AND NUMBER)	TYPE OF CLAIM	DATE OF EXPIRY	SCHEDULE WORKING	TRANSFERS (B.S.S. ASSIGNMENTS CONVEYANCES)	









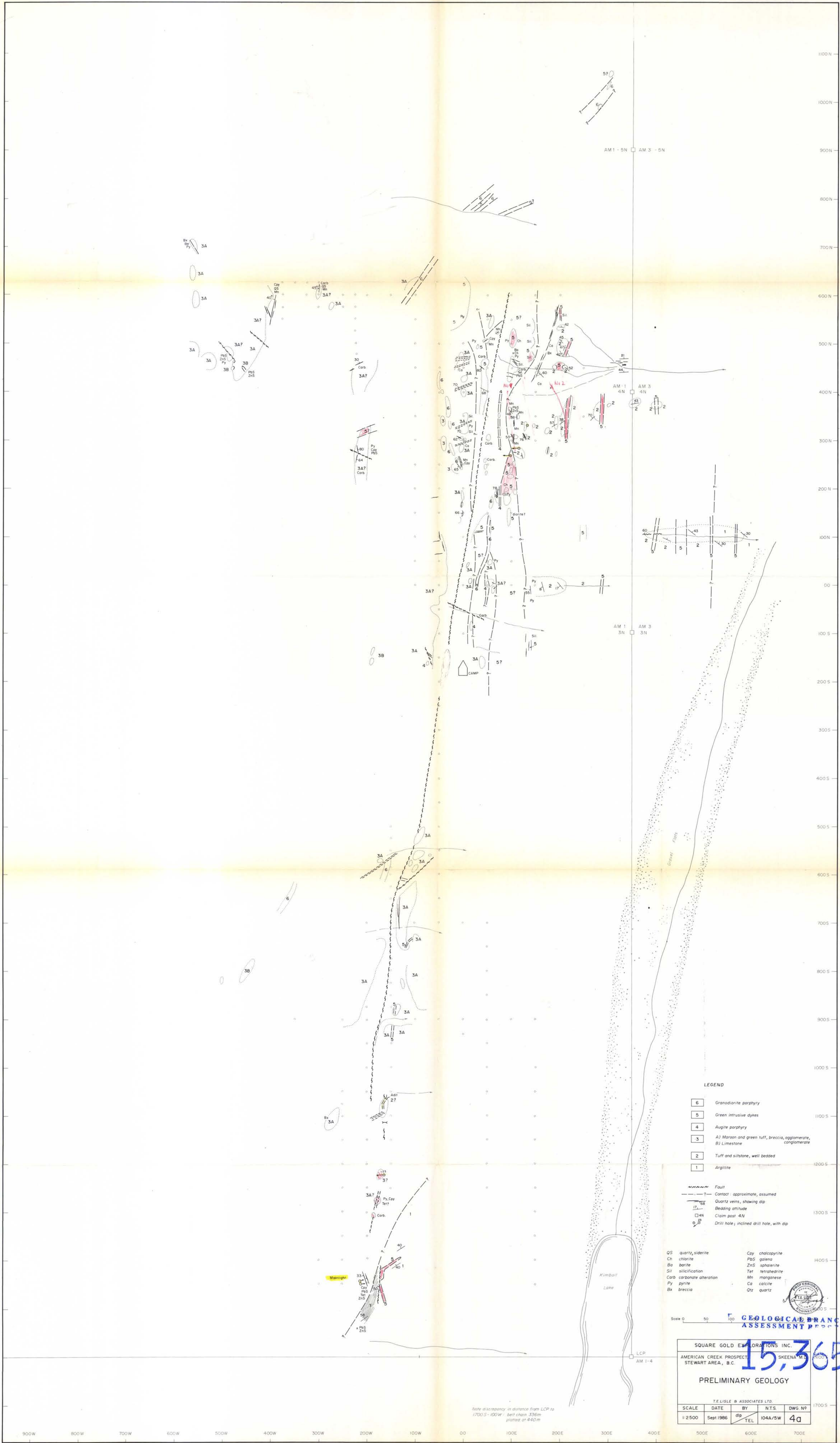


APPENDIX 4 STATEMENT OF EXPENDITURES.

Wages: W. Murton, P.Eng.	July 27-Aug.7/86	7.9 days	at \$400.00	\$ 3,160.00
T.E.Lisle, P.Eng.	Aug.2-7,11-28,	22 "	at \$300.00	6,600.00
	Sept.2-15	, 14 "	at \$300.00	4,200.00
	Sept.16-30 and Oct.1-Nov.11/86			2,400.00
	Nov.14-20/86			600.00
E.Scholtes.	Aug.15-Sept.16/86	32	at \$150.00	4,800.00
E.Warner.	Aug.16-Sept.3	19	at \$125.00	2,375.00
Transportation:				
	Helicopter charter.			4,744.67
	Truck rental, fuel, Misc taxi's, and parking.			1,681.34
	C.P.Airlines.			2,017.30
	Misc.accommodation and meals.			345.29
Drafting, Engineering supplies, Reproduction.				793.78
Freight:				400.15
Field supplies:				903.79
Expediting, Camp Costs etc.:				1,192.14
Drill and explosives:				1,246.17
Telephone and Radio:				426.79
Assays:				3,765.75
Camp Rental:				1,175.00
Misc. reproduction costs, Assessment report.				31.98
Total.				<u>42,859.15</u>

  
 T.E. Lisle, P.Eng.





**LEGEND**

- 6 Granodiorite porphyry
  - 5 Green intrusive dykes
  - 4 Augite porphyry
  - 3 A) Maroon and green tuff, breccia, agglomerate, conglomerate  
B) Limestone
  - 2 Tuff and siltstone, well bedded
  - 1 Argillite
- Fault  
 --- Contact - approximate, assumed  
 --- Quartz veins, showing dip  
 --- Bedding attitude  
 □ 4N Claim post 4N  
 ○ Drill hole; inclined drill hole, with dip

- |                           |                    |
|---------------------------|--------------------|
| Qs quartz, siderite       | Cay chalcocopyrite |
| Ch chlorite               | PaS galena         |
| Ba barite                 | ZnS sphalerite     |
| Sil silification          | Ter tetrahedrite   |
| Carb carbonate alteration | Mn manganese       |
| Py pyrite                 | Ca calcite         |
| Bx breccia                | Qtz quartz         |

Scale 0 50 100  
**GEOLOGICAL BRANCH**  
**ASSESSMENT PROJECT**

SQUARE GOLD EXPLORATIONS INC.  
 AMERICAN CREEK PROSPECT STEWART AREA, B.C. SKEENA M.  
**15,365**  
 PRELIMINARY GEOLOGY

T.E. LISLE & ASSOCIATES LTD.  
 SCALE 1:2500 DATE Sept 1986 BY dip N.T.S. DWG NO 4a  
 TEL 104A/5W

Note discrepancy in distance from LCP to 1700S-100W - belt chain 336m plotted at 440m



SAMPLE	SAMPLE TYPE	VEIN METERS	DESCRIPTION	SI	SI	SI	SI	SI	SI
AC-1	Random chip		Pyritic intrusives	0.001	0.01				
AC-2	Chip	1.50	Grey-green pyritic tuff.	0.001	0.01				
AC-3	Chip-chapel	0.40	bleached and carbonated	0.001	0.01				
AC-4	Chip	0.40	Quartz, pyrite, chlorite, kaolinite, siliceous	0.454	5.12	1.12	0.50	0.04	
AC-5	Chip	0.40	bleached tuff	0.001	0.01				
AC-6	Chip	0.17	vegy, limonitic quartz, pyrite, pyrite	0.302	0.50	0.07	0.07	0.04	
AC-7	Chip	0.30	limonitic quartz, minor pyrite	0.027	0.50				
AC-8	Chip	0.47	limonitic quartz, minor pyrite	0.246	7.75	1.18	0.42	0.34	
AC-9	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-10	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-11	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-12	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-13	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-14	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-15	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-16	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-17	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-18	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-19	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-20	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-21	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-22	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-23	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-24	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-25	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-26	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-27	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-28	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-29	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-30	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-31	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-32	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-33	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-34	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-35	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-36	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-37	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-38	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-39	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-40	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-41	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-42	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-43	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-44	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-45	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-46	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-47	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-48	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-49	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-50	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-51	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-52	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-53	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-54	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-55	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-56	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-57	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-58	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-59	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-60	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-61	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-62	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-63	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-64	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-65	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-66	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-67	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-68	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-69	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-70	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-71	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-72	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-73	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-74	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-75	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-76	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-77	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-78	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-79	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-80	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-81	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-82	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-83	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-84	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-85	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-86	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-87	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-88	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-89	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-90	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-91	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-92	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-93	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-94	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-95	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-96	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-97	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-98	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-99	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				
AC-100	Chip	0.47	limonitic quartz, minor pyrite	0.027	0.50				



**15,365**  
 Quartz veins, showing...  
 Claim post 4N  
 Sample location AC 4

Cpy chalcopyrite  
 PbS galena  
 ZnS sphalerite  
 Mn manganese  
 Qtz quartz  
 Tet tetrahedrite

SCALE 1:2500 DATE Sept 1986 BY dip TEL 1044/SW DWG. No 4b

**SQUARE GOLD EXPLORATIONS INC.**  
 AMERICAN CREEK PROSPECT, STEWART AREA, B C SKENA M.D.  
**SAMPLE LOCATIONS - ASSAY DATA**  
 AM 1,3 CLAIMS  
 T.E. LISLE & ASSOCIATES LTD.

Note: A discrepancy in distance from LCP to 1700S-100W - dist. shown 336m plotted at 440m