

LOG NO: 1124
TITLE:
FILE NO:

REPORT ON
GEOLOGICAL MAPPING, GEOCHEMICAL SOIL SAMPLING
AND PROSPECTING

SUMMIT CLAIMS
LILLOOET MINING DIVISION
BRIDGE RIVER AREA, B.C.

FILMED

Latitude: 50°52'N

Longitude: 122°30'W

N.T.S.: 92-J-16W

for

GOLD SUMMIT MINES LTD.
Suite 100 - 455 Granville Street
Vancouver, B.C. V6C 1T1

by

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,958

Vancouver, B.C.
30 September 1988

Chris J. Sampson, P.Eng.
Consulting Geologist

SUMMARY AND CONCLUSIONS

Gold Summit Mines hold the Summit Claims, situated on Marshall Ridge 25 kms due east of Goldbridge, B.C. The claims are underlain by greenstones, cherts and argillites of the Triassic Bridge River group which hosts a series of east-west to north-east/south-west striking shear zones carrying gold values.

The original discoveries of gold bearing veins on the property were made in 1907-1910 and were explored by two adits.

Reconnaissance geochemical soil sampling - followed by trenching in 1987 - located several previously unknown gold bearing zones which do not outcrop.

In August 1988, two 100 m. spaced line grids were cut on the central part of the property and soil samples collected at 25 m. spacing.

The geology of this part of the property was mapped in detail.

Soil samples were analyzed for gold, arsenic, silver, lead, zinc, antimony and copper. Results show several strong coincident anomalies on the south-west side of Marshall Ridge, which includes the area of showings. Anomalies on the northern slope are of lower strength and more sporadic.

Sampling of veins in the adits and trenches located ore grade gold values assaying in some cases over 1 oz. Au/ton. Programmes of trenching and diamond drilling are recommended to explore the geochemical soil anomalies.

GOLD SUMMIT MINES LTD.

SUMMIT CLAIMS

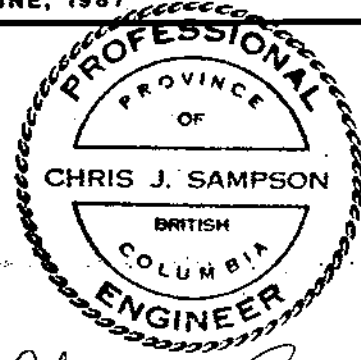
LILLOOET M.D., B.C. NTS: 92 J/15,16

LOCATION MAP

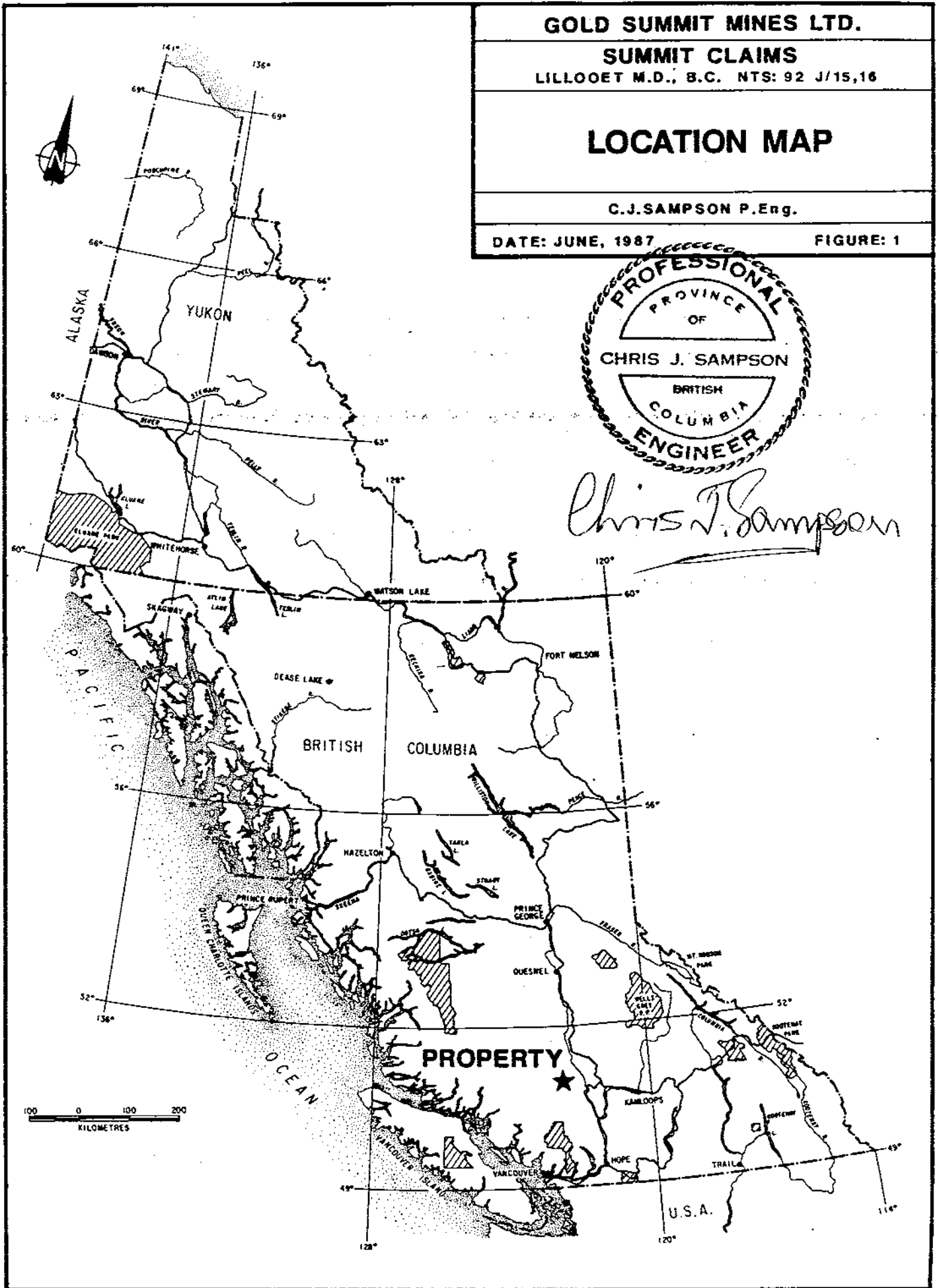
C.J.SAMPSON P.Eng.

DATE: JUNE, 1987

FIGURE: 1



Chris J. Sampson



INTRODUCTION

On 6 May 1987, the writer accompanied Mr. Gary Polischuk on a visit to the Summit Claims of Gold Summit Mines Ltd. which are situated between Marshall Creek and Carpenter Lake near Goldbridge, B.C. A number of trenches and adits were examined, which have explored mineralized shear zones and quartz veins which strike predominantly EW and carry ore grade gold values. The showings are situated close to the top of Marshall Ridge on the SW facing slope. The property was held in the early 1980's by Quinto Mining who carried out programmes of geochemical soil sampling, geological mapping, IP and magnetometer followed by drilling of a few diamond holes.

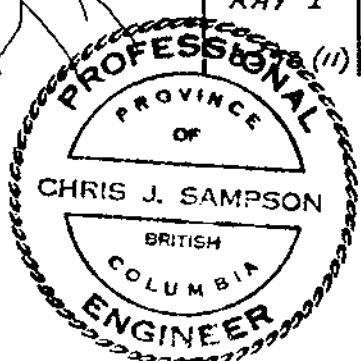
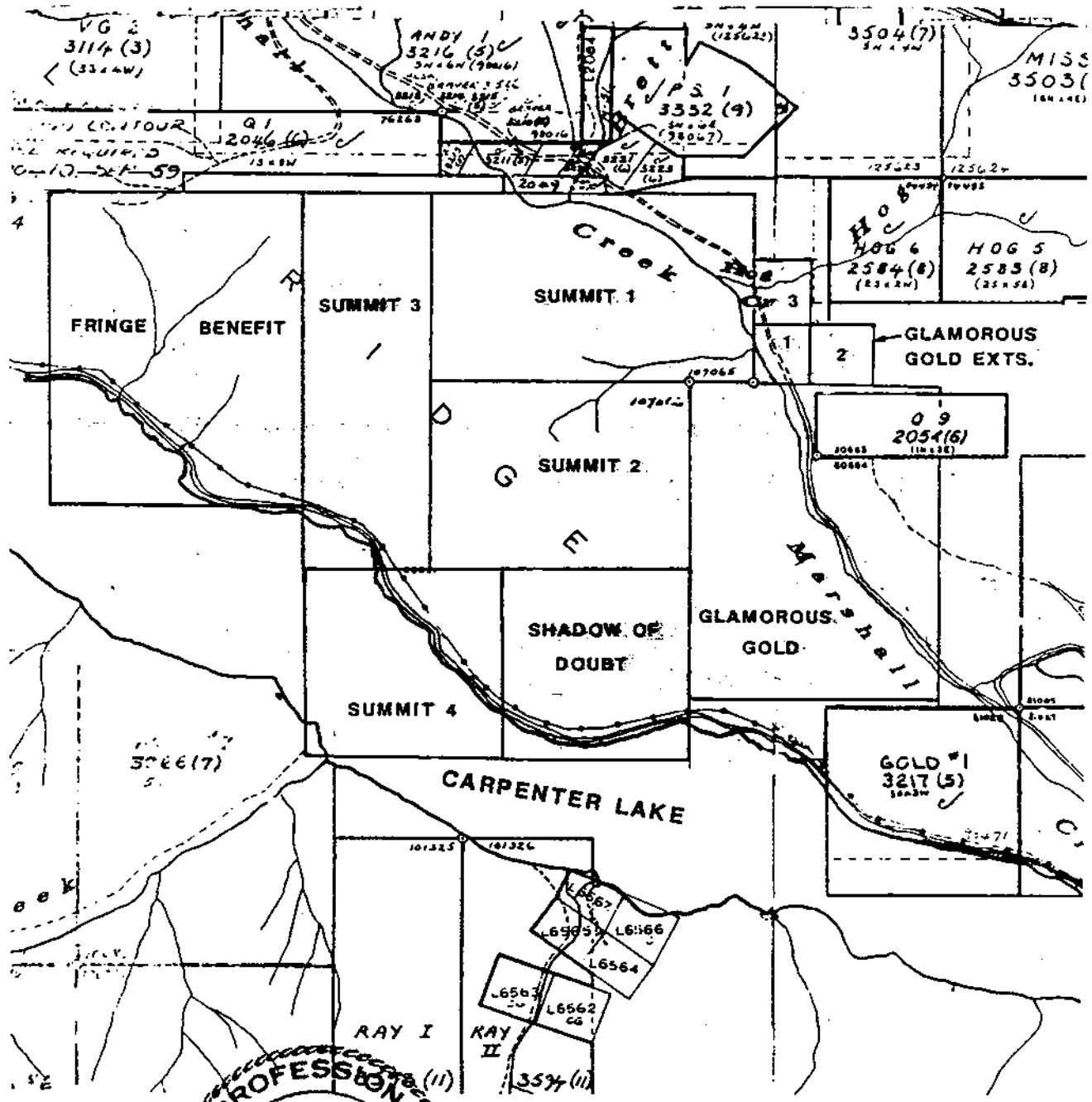
Mr. Polischuk subsequently carried out programmes of further trenching around the known showings which located further gold bearing veins.

During August 1988, Gold Summit had two grids cut on the property with 100 m. spaced lines. The geology of the grids was mapped in detail and geochemical soil samples collected at 25 m. intervals.

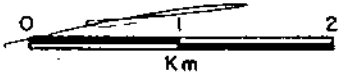
LOCATION, ACCESS, TOPOGRAPHY

The Summit Claims, situated 25 kms due east of Goldbridge, B.C., straddle Marshall Ridge and are bordered on the north-eastern side by Marshall Creek and on the southern and south-western side by Carpenter Lake. The geographic centre of the claim group is approximately 50°52'N and 122°30'W. They are situated in the Lillooet Mining Division, B.C., NTS 92-J-15E and 92-J-16W.

Access to the property is easily gained by 2 wheeldrive vehicle by means of the highway from Lillooet to Goldbridge which runs along the northern side of Carpenter Lake and connects with the Marshall Creek logging road and several logging roads which provide access to various areas within the property.



Chris J. Sampson



GOLD SUMMIT MINES LTD.	
SUMMIT CLAIMS	
LILLOOET M.D., B.C. NTS: 92 J/15,16	
CLAIM MAP	
C.J.SAMPSON P,Eng.	
DATE: JUNE, 1987	FIGURE: 2

The claim group varies in altitude from a low point of 654 m. (2145 ft.) ASL at Carpenter Lake to a high point of 1628 m. (5340 ft.) ASL on the top of Marshall Ridge. The general slope of the sides of the ridge is moderately steep but generally accessible by heavy earth moving equipment. The ridge top is generally fairly flat.

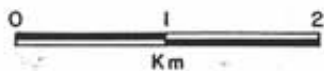
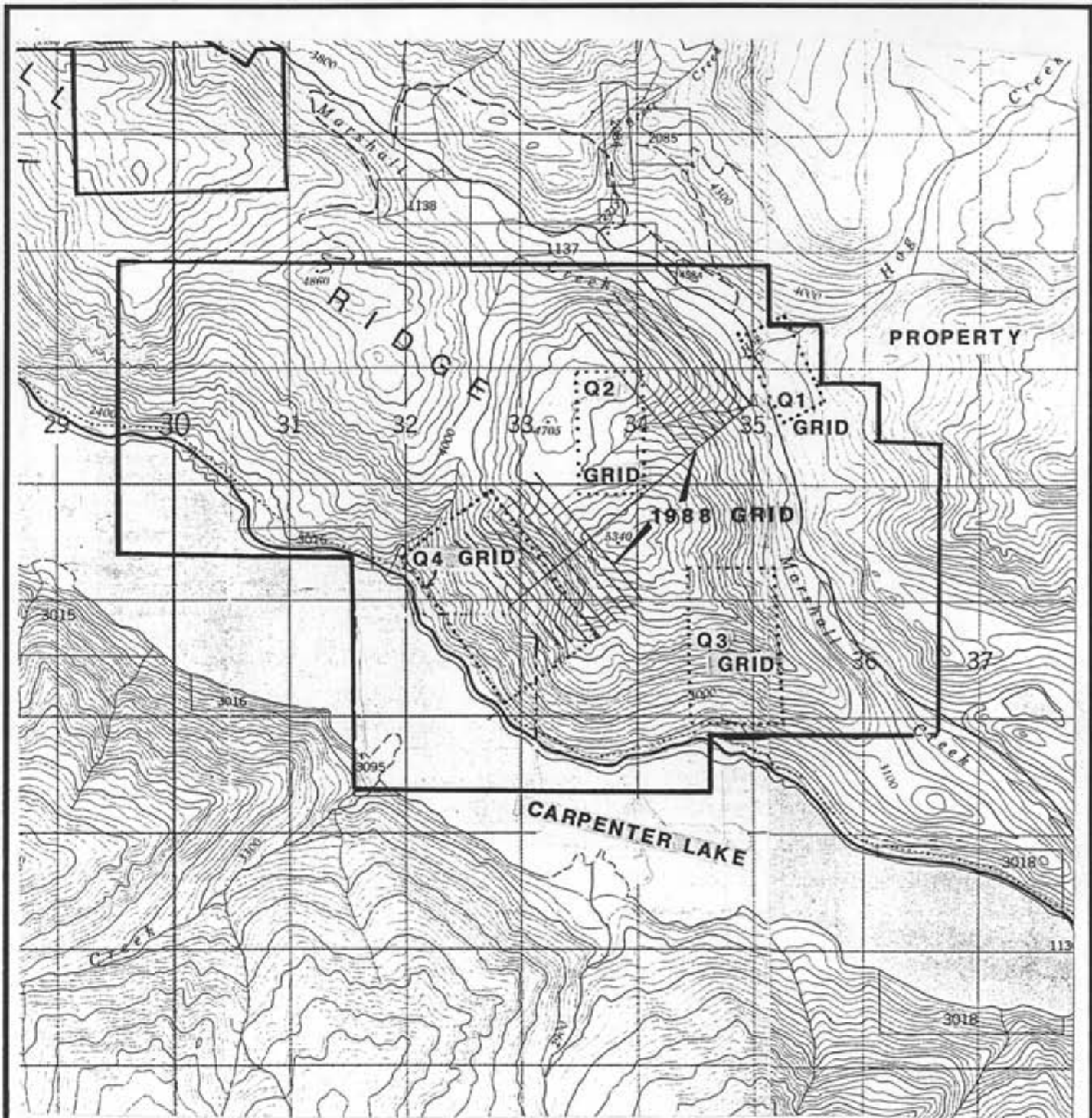
PROPERTY DETAILS

<u>Name of Claim</u>	<u># Units</u>	<u>Record No.</u>	<u>Expiry Date</u>
Summit #1	15	3510	11 Aug. 1989
Summit #2	12	3534	13 Aug. 1989
Summit #3	12	3640	7 Jan. 1989
Glamorous Gold	20	3659	12 Feb. 1989
Glamorous Gold Ext. #2	1	3660	12 Feb. 1989
Glamorous Gold Ext. #3	1	3661	12 Feb. 1989
Glamorous Gold Ext. #1	1	3662	12 Feb. 1989
Fringe Benefit	20	3665	16 Mar. 1989
Shadow of Doubt	9	3674	21 Apr. 1989
Summit #4	<u>9</u>	3741	18 Jun. 1989
	100 Units		

HISTORY OF THE PROPERTY

The property was generally known either as the Summit or Paymuck. The earliest description (BCDM Annual Report 1907) indicates that the original discovery vein could be traced for about 1000 ft on the surface and carries galena with gold and silver values. Assays ran \$30-\$60/ton and a tunnel was driven 70 ft but had not at that time struck the main vein. The report for 1910 mentions the large basic dike running in a north-south direction with several quartz veins carrying iron, zinc and lead sulphides with appreciable gold and silver values which strike generally N40E. "There are a number of exposures of the veins on the bluff hill sides slightly developed by open cuts and pits. About 50 ft. below one of these outcrops a tunnel has been driven in for some 40 ft. disclosing a somewhat irregular quartz vein carrying a small quantity of the minerals described. Some 40 ft. to the east of this first tunnel at an altitude of 5175 ft. a small upper tunnel has been run in for a short distance.

The main tunnel was started in at the outcrop of a vein striking N40E, but the tunnel was driven in a due east direction for 50 ft. leaving the vein on the left hand side; at this point, the tunnel was swung around to the left and continued for 27 ft in a N40E direction, when the tunnel was again turned to the left in a N50W direction and continued for 10 ft. The tunnel was thus run away from the vein and by calculations would have to be driven 28 ft. further in the last direction before it would cut the line of the vein. A sample taken of the ore as it could be hand sorted assayed Au \$8, Ag 2.2 oz., Pb 10%".



GOLD SUMMIT MINES LTD.

SUMMIT CLAIMS

LILLOOET M.D., B.C. NTS: 92 J/15,16

TOPOGRAPHIC MAP

C.J.SAMPSON P,Eng.

DATE: JUNE, 1987

FIGURE: 3

Rev. Sept.,88

The B.C.D.M. Report for 1912 again mentions a basic dike 8 ft wide striking in a northerly direction across a series of quartzites, argillites and chloritic volcanic rocks. Cutting across this dike are a number of short parallel stringers of quartz containing arsenopyrite and pyrite. The gold content of these stringers was thought to be \$30/ton but they are described as small and limited to the width of the dike which is only 8 ft. Sufficient stringers were not exposed to justify working the dike as a whole. Further up the hill, a tunnel was run to intersect an irregular quartz vein containing pyrite, arsenopyrite, galena and sphalerite but did not cut it. The vein had been traced on the surface for some distance and was found to vary in width from 2 to 26 inches. In places they found 16 inches of solid sulphide. It was concluded the deposit was small and extremely irregular.

The next reported work program by L.J. Russell in 1944 discovered further mineralized outcrops on the ridge near the old Summit workings. The claims at this time were held by Bridge River Exploration Ltd. who did a program of further tunneling and trenching on several of the showings.

Quinto Mining staked the area as their Marshall Ridge project in 1981 and in June of that year, Western Geophysical Aerodata Ltd. conducted 92 kms of airborne magnetometer and VLF EM survey over the general area of the claim group. The survey successfully outlined the major fault or shear zone which closely follows Marshall Creek across the claim area. In addition, it located 4 areas of coincident VLF EM and mag anomalies.

During July - October 1981, Quinto Mining carried out programs of ground EM, magnetometer, geochemical soil sampling and geological mapping over the four areas which had been outlined by the airborne survey. In addition, Quinto Mining in August 1982 did an induced polarization survey over the area of the Q4 grid which covered the original adits and trenches which had been dug over the several years since 1907. In addition, Quinto Mining drilled at least 3 diamond drill holes and excavated several trenches.

REGIONAL GEOLOGY

The Marshall Ridge area is approx. 25 kms east of Gold Bridge and thus it lies just outside the main part of the Bridge River area which has received much attention in the form of detailed prospecting and mapping by both Geological Survey of Canada and the B.C. Dept. of Mines. It is situated just east of the areas mapped by McCann (1922) and subsequently by Cairnes in 1937, etc. The area is however shown on Map 13-1973 from GSC Paper 73-17 by Roddick and Hutchinson. This map also shows the location of the Summit showings (#35 listed as property 1695). Roddick and Hutchinson indicate that the whole of Marshall Ridge is underlain by rocks of the lower to middle Triassic age, Bridge River Group, which regionally consists of cherts, cherty argillites and greenstones (derived from original andesite and basalts). They describe the Bridge River group as occurring mainly along the wide axial zone of a broad complex antiformal structure that plunges to the north-west along an axis that passes through Shalalth and Tyaughton Lake and contains the main valleys of Carpenter lake, Bridge River and Seaton lake. This would imply that the Marshall ridge area occurs in the axial zone of this large antiformal structure.

Drysdale (1916) introduced the term Bridge River Series for these rocks and the usage was continued by McCann (1922). Cairnes (1937) maintained however that the term was not sharply defined by Drysdale and had been variously applied by other workers. He therefore

LEGEND FROM MAP 13-1973

PROPERTY LIST

MESOZOIC

JURASSIC AND CRETACEOUS

UPPER JURASSIC AND LOWER CRETACEOUS
RELAY MOUNTAIN GROUP

6 Argillite; greywacke and pebble conglomerate

JURASSIC

LOWER JURASSIC

5 Argillite and shale; minor sandstone, limestone and pebble conglomerate

TRIASSIC

UPPER TRIASSIC

U Ultrabasic rocks

4 HURLEY FORMATION: Thin-bedded limy argillite, phyllite, limestone, tuff, conglomerate, agglomerate, andesite, and minor chert

3 PIONEER FORMATION: Greenstone derived from andesitic flows and pyroclastic rocks; 3a, andesite breccia, tuff and flows, greenstone; minor rhyolitic breccia and flows, slate, argillite, limestone and conglomerate

2 NOEL FORMATION: Thin-bedded argillite; chert, conglomerate and greenstone

MIDDLE TRIASSIC AND (?) OLDER

BRIDGE RIVER GROUP (FERGUSON GROUP)

1 Chert, argillite, phyllite and greenstone; minor limestone, schist; 1a, metamorphosed rock of map-unit 1; mainly biotite schist

METAMORPHIC AND PLUTONIC ROCKS

(Mostly of unknown age)

B Metasedimentary rocks, mainly micaceous quartzite, biotite-hornblende schist, and minor schists bearing garnet, staurolite and possibly sillimanite

A Granitoid gneiss, migmatitic complexes, minor amphibolite and biotite schist

P6 Granite

P5 Quartz monzonite

P4 Granodiorite; 4a, microlitic granodiorite and syenodiorite

P3 Quartz diorite

P2 Diorite; 2a, Bralorne intrusions: Augite diorite, gabbro, minor soda granite and quartz diorite

P1 Gabbro

U Ultrabasic rocks: serpentine, peridotite, dunite

14	Royal (Au)
15	Standard (Au)
16	Short n' Bacon (Au)
17	Crull (Au)
18	Success (Au)
19	Waterloo (Au)
20	California (Au)
21	Whynot (Au)
22	Gloria Kirby and Jewess (Au)
23	Forty Thieves (Au)
24	Arizona (Au)
25	Golden Gate (Au)
26	Haymow (Au)
27	Plot (Au)
28	B & F (Au)
29	Congress (Au, Hg)
30	Wayside (Au)
31	Veritas (Au)
32	White and Bell (Au)
33	Reliance (Sb, Au)
34	Spokane (Au)
35	Summit (Au)
36	Empire (Au)
37	Wide West
38	Sibbite (Sb)
39	Primrose (Au)
40	Benn Expl.
41	Charlotte, Ass (Hg)
42	London (Cu, Fe)
43	Chasco 3 (W, Cu)
44	Chasco 12 (W, Cu)
45	N. Texas, Flo, Pan (Cu, Au, Ag, Fe)
46	Apex (Fe)
47	Copper Queen (OWL CR, A Zone) (Cu, Mo)
48	Amere (Cu)
49	Lucky Strike, Hicky
50	Paul (Hg)
51	Owl Cr. B Zone (Cu, Mo)
52	Owl Cr. C Zone (Cu, Mo)
53	Eagle (Cu, Fe, Zn)
54	Lake (Cu, Fe, Zn)
55	Boulder (Cu, Zn, Au, Fe)
56	Melita (Eva) (Cu, Ag, Zn)
57	Copper Mountain (Fe, Cu, Zn, Hg)
58	Sensen (Cu, Fe)
59	Wonder (Pb, Zn, Cu)
60	Silver Bell (Pb, Ag, Au, Cu, Zn)
61	Li-Li-Kel (Gridiron) (Ag, Pb, Zn, Au)
62	Pemberton (Cu)
63	Margery (Zn, Fe, Au, Pt)
64	Fitzsimmons (Cu)
65	Owl Mountain (Northstar) (Fe, Au, Ag)
66	Crows (Ag, Zn, Cu, Pb, Fe)
67	Gold King (Ag, Au, Zn, Pb)
68	Congar (Fe)
69	Index (Sb)
70	Silver Queen (Ag, Pb, Zn)
71	Patrick (Ag, Pb, Zn)
72	J (Py)
73	Gle (Yea) (W, Cu, Zn)
74	Lubra (Flora) (W, Mo)
75	Sibbite (Lox Gold) (Sb)
76	Truss (Spruce) (Au, Sb)
77	Rock (Ag, Sb)
78	RM (Cu)
79	See (Cy, Mo)
80	Ample, (Golden Casket) (Au)
81	Red Eagle (Hg)
82	Golden Eagle (Hg)
83	Bennoe (Au, Ag)
84	Barkley Valley Mines (Au, Ag)
85	Golden Contact, (Brev Group) (Au)
86	Excelsior, (Jumbo) (Cu, Au, Ag, Pb)
87	Congress (Au)
88	Golden (Au)
89	Yalson, (Ridge) (Mo)

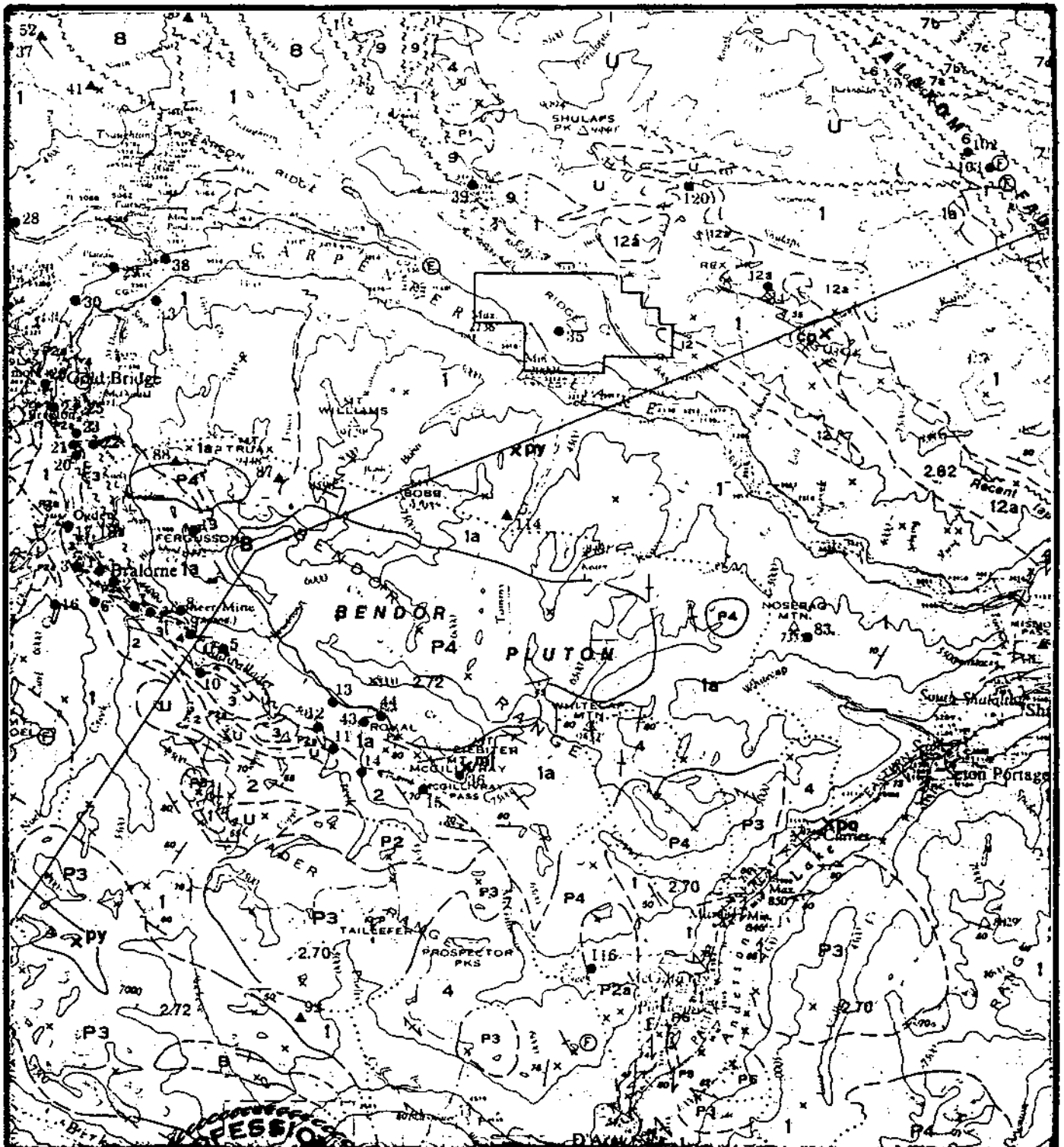


FIGURE 4

GOLD SUMMIT MINES LTD.

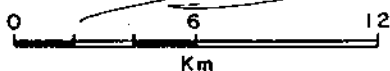
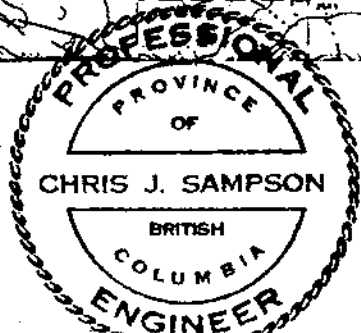
GOLDBRIDGE AREA
LILLOOET MINING DIVISION, B.C.

GEOLOGY MAP

DATE:
JUNE 1987

SCALE:
1 : 250,000

BY:
C. SAMPSON



proposed the term Fergusson Series derived from Mount Fergusson and applied it to a comparatively small area near the Bridge River Gold Mining Camp. In modern usage, Group has supplanted Series and Fergusson Group and Bridge River Group are used synonymously. Since the strata underlie nearly the whole of the Bridge River valley, the Bridge River Group is more appropriate of the two terms and was preferred by Roddick and Hutchinson.

The group consists mainly of a thick sequence of thin bedded chert, cherty argillite and argillite intercalated with altered basaltic flows and minor limestone. Although apparently considerable the thickness of the assemblage is not known because of complex folding, faulting and the lack of easily recognizable marker horizons. The base of the unit has not been observed.

Dark to light grey weathering chert and dark cherty argillite are the most abundant rock types but locally dark argillite is dominant. The chert commonly forms lenticular and nodular layers up to about 3 inches thick, separated by thin films of dark argillite. Consequently the rock has been referred to as a ribbon chert, even though few outcrops present a strongly laminated appearance owing to intricate crumpling, minor faults and myriad closely spaced quartz stringers. Close spaced joints in the argillite and chert result in a characteristic chunky rubble.

Grey green to chocolate brown weathering, massive greenstone gives the impression of being more abundant than it actually is because of its high resistance to weathering. Most outcrops appear to have been flows or breccias of basic andesite to basaltic composition judging from specific gravity determinations which commonly fall between 2.93 and 3.00. Most of the greenstone is intensively shattered. Fresh specimens are dark green or brown on the weathered surface and dark green on the fresh surface. Locally it is amygdaloidal and exhibits

pillow structure. At the head of Copper creek the greenstone is a volcanic breccia containing some fragments of limestone as well as highly fractured volcanic rock.

Pods of light grey to buff grey weathering limestone are scattered throughout the Bridge River Group. Most are 50 ft. thick or less with a few as thick as 300 ft. and only rarely are they traceable for more than a few hundred feet along strike. On the west side of Shulaps creek however about 4.25 miles from its mouth, a bed of limestone 30 ft. thick can be traced for at least 3000 ft. It is not known whether the sparse isolated occurrences of limestone are the result of intricate faulting or discontinuous original deposition. Most of the limestone is extensively veined by recrystallized carbonate. Recrystallization has destroyed most fossils, but on the east side of Tyaughton creek, immediately above the Bridge River road, an assemblage of conodonts collected by J.W. Monger was identified as middle Triassic by B.E.B. Cameron (Cameron and Monger 1971). Most of the exposed Bridge River group exhibits only a Pompellyite-Prehnite metamorphic grade but near the Bendor Pluton along the north-east side of Shulaps range and in the valley of Cayoosh creek higher metamorphic grades are found.

None of the overlying formations which occur in the immediate vicinity of Bralorne-Gold Bridge such as the Noel, Pioneer, Formations, are represented in the Marshall ridge district.

The exact age and association of the dikes seen on the Marshall Ridge property is also not known. They maybe associated with the Bralorne intrusions which are one of the major host rocks in the Bridge River area for the gold deposits and occur in two main types - diorite and sodagranite. Bralorne diorite is a dark greenish grey rock with irregular texture and is characteristically converted to an angular agmatite by a network of light coloured veins. The diorite ranges even within a small outcrop from very fine grained where it is indistinguishable from Pioneer greenstone to coarse grained.

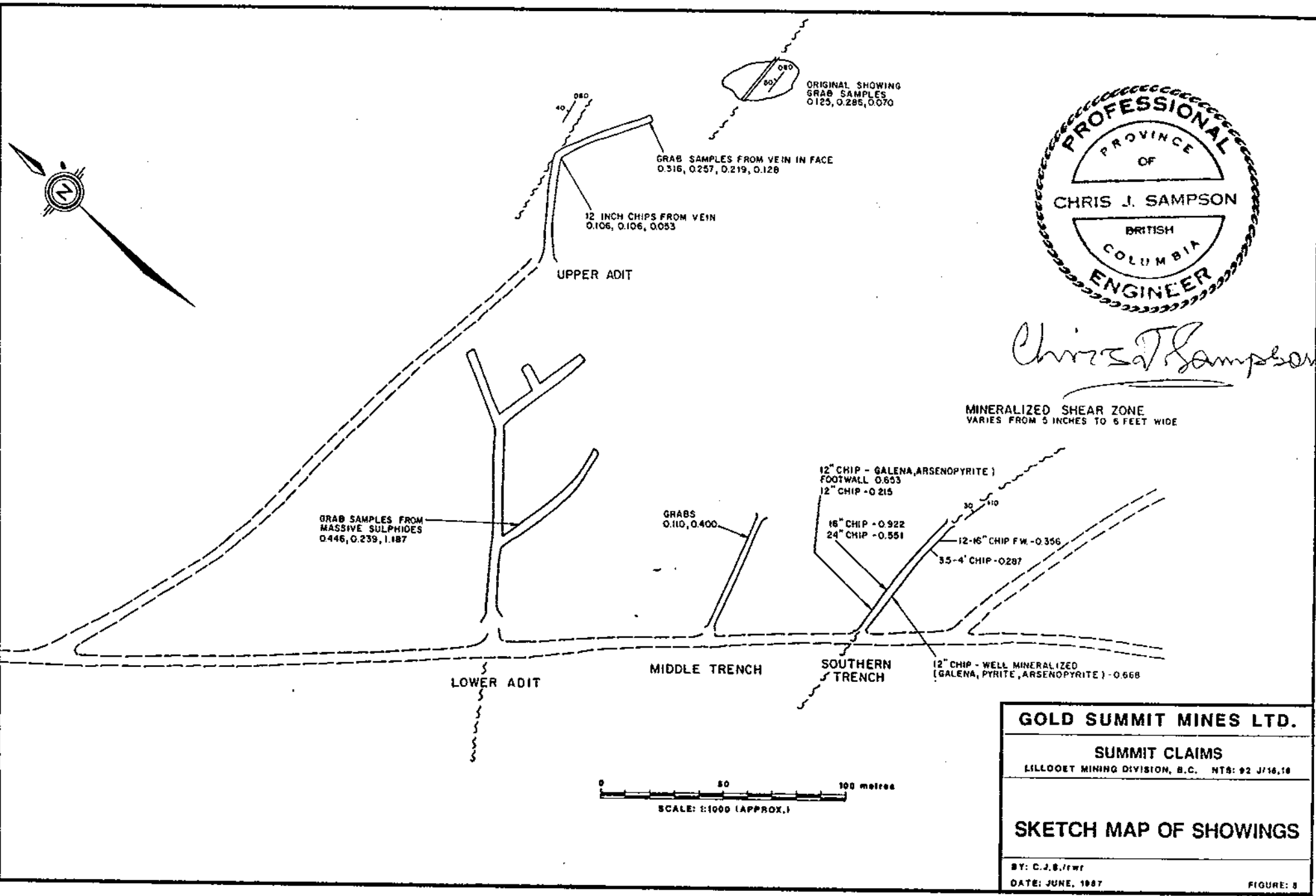
Sodagranite forms irregular randomly distributed bodies in the Bridge River area. The only essential difference between it and the common Bralorne diorite is the presence of abundant quartz which may form as much as 50% of the sodagranite. The quartz content however is highly variable and since K-feldspar is absent, the sodagranite commonly grades into quartz diorite and grades into the regular Bralorne diorite. The Bralorne diorite and sodagranite are felt to be relatively coeval with the Pioneer Formation and thus are probably of Upper Triassic age. The large Bendor Pluton which is felt to form part of the much larger Scuzzy Pluton is younger and is thought to be of late Cretaceous, i.e. 70 million year age. This large body of granodiorite underlies much of the core of the Bendor range which runs approx. NW-SE through the high country south of Carpenter Lake. The Bendor intrusives consist predominantly of clean homogeneous medium to coarse grained light coloured biotite hornblende granodiorites with minor constituents of quartz diorite and diorite. Foliation is rarely seen.

Contacts with the country rock are sharp, cross-cutting and clearly intrusive, but inclusions of wallrock are rare except for small areas of agmatite. The Pluton commonly sends a network of dikes into the wallrocks.

Structurally, the area around Marshall Ridge claims is dominated by NW-SE strike and a NW-SE striking schistosity. In addition, Marshall Creek follows a major fault zone which in turn is parallel with the even more pronounced Yalakom fault zone all of which strike NW-SE and dip at varying angles to the north-east.

PROPERTY GEOLOGY

As described in the previous section on Regional Geology the Marshall Ridge group of claims are underlain by cherts, cherty argillites, argillites and volcanics of the Bridge River Group, which have been



GOLD SUMMIT MINES LTD.

SUMMIT CLAIMS
LILLOOET MINING DIVISION, B.C. NT8: 92 J/16, 18

SKETCH MAP OF SHOWINGS

BY: C.J.S./jwr
DATE: JUNE, 1987

FIGURE: 8

intruded by a series of dikes of uncertain age. The Bridge River Group on the property strikes north-west/south-east and dips to the north-east.

The main features of economic interest explored originally by the upper and lower adits and more recently by backhoe trenching are a series of mineralized shear zones containing short parallel stringers of quartz with arsenopyrite and pyrite.

At the lower adit a basic dike, approx. 8 ft wide, strikes in a northerly direction across a series of quartzites, argillites and chloritic volcanic rocks. Cutting across the dike and also occurring in the argillite country rocks are a series of short parallel stringers containing quartz, arsenopyrite and pyrite. The writer collected grab samples from massive sulphides occurring in the veins exposed in the lower adit. These assayed 0.239, 1.187, and 0.316 oz/ton Au.

The upper adit was run originally to intersect an irregular quartz vein which carries pyrite, arsenopyrite, galena and sphalerite. The writer again took grab samples from this vein which is exposed in the middle of the upper adit and some additional samples were taken from a parallel vein structure exposed in the face at the end of these workings. The grab samples from these two localities assayed 0.106, 0.316, and 0.257 oz/ton Au. In addition, what was probably the original discovery outcrop of the vein occurring in the middle of the upper workings was examined on the hillside above the portal of the upper adit. Two grab samples from this showing assayed 0.07 and 0.286 oz/ton Au. The veins in and around the upper adit strike 70° - 80° E and dip at 40° - 50° N.

The writer also examined and sampled the new discoveries which occur approx. 30-40 m. south of the lower adit. The more southerly of these two new discoveries consists of a mineralized shear zone up to 5-6 ft wide which strikes at 110° and dips north at 30° . It shows more intense schistosity with increased amounts of visible sulphides in two

zones 12-16 inches thick on the hanging wall and footwall sides. In addition, a 3-1/2 ft chip sample was taken across the zone of stringers and disseminated sulphides occurring in the centre of the mineralized shear zone. The 12-16 inch chip sample from the hanging wall zone assayed 0.356 oz/ton Au. The 3-1/2 - 4 ft chip sample across the central zone assayed 0.287 oz/ton Au. Other chip samples from the footwall zone assayed 0.668, 0.922, 0.551, 0.653, and 0.215 oz/ton Au respectively.

The more northerly of the showings, known as the Middle Trench (Figure 4), yielded two grab samples which ran 0.110 and 0.40 oz/ton Au.

In addition, the writer took a grab sample from a mineralized shear zone exposed in a trench originally dug by Quinto Mining which occurs approx. 200 m NW of the area of the adits and this ran 0.187 oz/ton Au.

GEOPHYSICAL RESULTS

The airborne VLF EM and Mag survey flown over the Marshall Ridge area, by Quinto Mining in June 1981, revealed four areas of coincident electromagnetic or magnetic response, and also indicated the presence of a major fault or shear zone which closely follows Marshall Creek across the claim area. Western Geophysical Aetodata Ltd., who ran the survey, recommended 4 areas for follow-up. These were the Q1-Q4 grids that were subsequently cut by Quinto Mining.

Quinto explored the 4 grid areas by programs of geochemical soil sampling, magnetometer and VLF EM at 25 m spaced stations.

The work on the Q1 grid was done to detail airborne EM and Mag data, where a north-west nose of a magnetic high is intersected by broad electromagnetic conductive response. The same feature was outlined by ground geophysical data. The EM data apparently suggested a northerly trending fault which intersects a zone of a magnetite bearing

rocks - possibly an ultramafic intrusion. Geochemical sampling for Cu, Ag and Zn showed no anomalous trends but Au values showed pronounced two line anomalies situated just down slope of the old workings. Quinto concluded that gold values could possibly be coming from a quartz vein associated with a major zone of weakness.

Grid Q2, which is situated on the access road to the old adits, explored a weak airborne EM response and a high magnetic anomaly. The ground VLF-EM survey did not detect any strong responses. Magnetometer results were erratic, probably reflecting small pods of primary magnetite. Copper and silver geochemical results were considered background. Gold sampling showed several spotty highs, but the zinc data showed a strong anomaly with a high of 505 ppm on line 6 north.

On Grid Q3, a weak VLF anomaly was detected trending NNE-SSW. The area is flat magnetically and shows no indications of gold or silver mineralization. Zinc geochemical data correlates with the EM data in that it shows a contour pattern biased in the NNE-SSW direction. It was concluded that the surveys in fact reflected a zinc bearing phyllite unit.

Grid Q4 with baseline oriented N40°W and 100 m crosslines shows strongly anomalous values in zinc in 900 ppm range above a background of 75 ppm. Highest Cu values obtained were 60 to 100 ppm in the area of the old workings. The zinc values suggest a zone which trends NW-SE across the survey grid. The zone appears to continue to the south-east. On the north-west side of the grid a concentration of zinc values occurring on lines 4E and 5E are coincident with a cluster of high gold bearing soil samples which gave a high of 280 ppb and appear to reflect both a NW-SE and NS trends. The silver map shows a strong silver soil anomaly at the head of the NW trend. This anomaly contains 4 samples greater than 11 ppm silver.

Quinto Mining subsequently carried out a programme of induced polarization geophysical surveys over the Q4 grid in August 1982. The IP survey indicated areas of strong chargeability some 8 times background covering the area of mixed volcanics and argillaceous rocks which immediately surround the old workings and the recent areas of trenching. A small satellite anomaly was detected to the SW which is in an area of silicification and jasperoid rocks. The strong chargeability anomaly extends northward onto the Q2 grid.

A further airborne survey was flown by Columbia Airborne Geophysical Services (1984) in December 1987 and January 1988 (Brewer, August 1988). The survey located several VLF-EM conductors some of which appear to be related to shearing.

GEOCHEMICAL SOIL SAMPLING RESULTS

During Aug. and early Sept. 1988, a field crew from De La Mothe Exploration Services Limited constructed 2 grids on the central part of the property, joined by a common baseline running approximately NE/SW across the summit on Marshall Ridge. The two grids have 100 metre spaced NW/SE trending lines with 25 metre spaced sample stations.

Geochemical soil samples were collected at each station, using shovels to dig down through the layer of volcanic ash and collect a 100 gr. sample from the readily recognizable, well developed red-brown, B Horizon. The 988 soil samples collected were placed in standard geochemical Kraft bags, air-dried and sent to Min-En Laboratories in North Vancouver for analysis for gold, silver, arsenic, antimony, copper, lead and zinc content. Analytical procedures used by Min-En Laboratories are described in Appendix D.

Analytical results for each of the 7 elements were plotted by computer on histograms, assuming a log normal distribution of values which is the general distribution encountered in the Goldbridge-Bridge River area. Anomalous values were established from study of the histograms in question, and were as follows:

<u>Silver</u> : Anomalous Level	2.50ppm
<u>Arsenic</u> : Anomalous Level	107.00ppm
<u>Copper</u> : Anomalous Level	129.7 ppm
<u>Lead</u> : Anomalous Level	43.00ppm
<u>Antimony</u> : Anomalous Level	9.70ppm
<u>Zinc</u> : Anomalous Level	372.00ppm
<u>Gold</u> : Anomalous Level	40.0ppb

The geochemical soil sampling results were plotted in two separate sets. The south grid is shown on Figures 6A - arsenic and gold, 6B - antimony and copper, 6C - silver, lead and zinc. The north grid is shown on Figures 7A - arsenic and gold, 7B - antimony and copper, 7C - silver, lead and zinc. Results for the two grids covered are described as follows:

- a) South Grid: Results for arsenic, gold, silver, lead and zinc show several strong coincident geochemical soil anomalies. Results for antimony and copper were less definite, but some coincidence exists between the relatively limited antimony-copper anomalies and those of the other elements. In particular, Anomaly A which is situated east of the baseline shows strong coincident values in arsenic, gold, lead, zinc, silver and some coincident values in antimony and copper. The anomaly trends in a north-east/south-west direction across line 20N where trenching by Gary Polischuk in 1987 located arsenic and gold bearing veins.

Anomaly B which again trends north-south appears to be associated with the showings originally explored by the upper and lower adits. It extends to the southwest of the known showings. This may be due to geochemical values derived from material which has moved down slope, but the geochemistry in these areas on lines 18N & 19N may be derived from bedrock mineralization as yet unexposed.

Anomalies C, D & E show strong coincidence of arsenic, gold, lead, zinc and silver values with some coincidence of antimony and copper results. These anomalies are so far unrelated to known bedrock mineralization.

- b) North Grid: Geochemical soil results on the northern grid were much less spectacular than those encountered on the southern grid. Two narrow anomalies designated A and B were located by the arsenic and gold sample results. Values for silver, lead, zinc, antimony and copper are very sporadic and consist of single station anomalous values. Even in the vicinity of the rusty outcrops along the road between lines 38N & 40N anomalous values are generally sporadic, although both Anomaly A & B in arsenic and gold may be associated with shears in this vicinity.

REFERENCES

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McCann, W.S. Geology and Mineral Deposits of the Bridge River Map Area, British Columbia.

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Quinto Mining, July 1981, Geophysical Report on the Airborne VLF-EM and Mag Survey. PS 1-2, Tomkin 1-2, Snowball 1-4, Ken 1-8 Claims.

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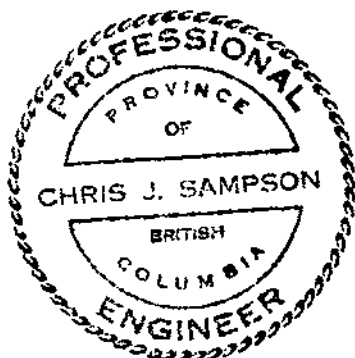
Roddick, J.A. and W.W. Hutchinson Pemberton East-Half Map Area, British Columbia, Geological Survey of Canada, Paper 73-17.

Sampson, C.J.: Report on Geology and Exploration Potential, Summit Claims, 4 August 1987

CERTIFICATE

I, Christopher J. Sampson, of 2696 West 11th Avenue, Vancouver, B.C. V6K 2L6, hereby certify that:

1. I am a graduate (1966) of the Royal School of Mines, London University, England with a Bachelor of Science degree (Honours) in Economic Geology.
2. I have practised my profession of mining exploration for the past 22 years in Canada, Europe, United States and Central America. For the past 12 years I have been based in British Columbia.
3. I am a consulting geologist. I am a registered member in good standing of the Association of Professional Engineers of British Columbia.
4. I have written a previous report on the Summit Claims (August 1987) and have written reports on other properties within 10 kms. of those claims (Congress Extension, V.G. etc.).
5. The present report is based on knowledge gained from a visit to the property in May 1987, study of published and unpublished reports, and supervision of work programmes in August 1988.
6. I have not received, nor do I expect to receive, any interest, direct or indirect, in the properties and securities of Gold Summit Mines Ltd. or in those of its associated companies.
7. Gold Summit Mines Ltd. and its affiliates are hereby authorized to use this report in, or in conjunction with, any prospectus or statement of material facts.
8. I have no interest in any other property or company holding property within 10 kilometres of the Summit group of claims.



Vancouver, B.C.
30 September 1988

Chris J. Sampson

Christopher J. Sampson, P.Eng.
Consulting Geologist

SAMPSON ENGINEERING INC.

2696 West 11th Avenue
Vancouver, B.C. V6K 2L6

COST STATEMENT FOR ASSESSMENT WORK CREDITS

Gridding and Soil Sample Collection:

De La Mothe Exploration Services	
25.775 km cross lines @ \$160/km.	4,124.00
2.7 km base line I.P. cut @ \$390/km.	1,053.00
23 Monday soil sampling @ \$160/day	<u>3,680.00</u>
	8,857.00
A further 24 km of line, sampled	<u>640.00</u>
	9,497.00

Geochem Analyses:

989 samples analyzed for Silver, Arsenic, Antimony, Lead, Zinc, Copper and Gold (Average \$10.76 per sample)	<u>10,642.25</u>
--	------------------

\$20,139.25

APPENDIX A

ASSAY RESULTS

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: VIA USA 7601067 UC

Certificate of ASSAY

Company: CHRIS SAMPSON
Project:
Attention: C. SAMPSON

File: 7-394
Date: MAY 12/87
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON	SUMMIT PROPERTY
17902	13.70	0.400	MIDDLE TRENCH GRAB SAMPLES FROM MASSIVE SULPHIDES LOWER ADIT. GRABS FROM FACE (END UPPER ADIT)
17903	15.30	0.446	
17904	8.20	0.239	
17905	40.70	1.187	
17906	10.85	0.316	
17907	8.80	0.257	GRABS FROM VEIN (MIDDLE UPPER ADIT) VEIN OUTCROP ABOVE UPPER ADIT. GRAB FROM N.W. MOST VEIN FACE UPPER ADIT. VEIN MIDDLE UPPER ADIT.
17908	3.62	0.106	
17909	3.65	0.106	
17910	4.28	0.125	
17911	9.82	0.286	
17912	2.41	0.070	BENBEE UPPER TRENCH } 12"-16" CHIP H.W. ZONE. SOUTHERN END } 3 1/2"-11" CHIP ACROSS ZONE. OF ROAD } 12" CHIP (WELL MIN. WITH GAL. PY ASSY.) 16"-24" CHIPS ACROSS LOWER PART OF ZONE. FROM F.W. VEIN (GAL. ASSY.)
17913	6.40	0.187	
17914	7.50	0.219	
17915	4.40	0.128	
17916	1.82	0.053	
17917	0.02	0.001	
17943	12.20	0.356	MIDDLE TRENCH
17944	9.84	0.287	
17945	22.90	0.668	
17946	31.60	0.922	
17947	18.90	0.551	
17948	22.40	0.653	
17949	7.38	0.215	
17950	3.76	0.110	

Certified by _____

MIN-EN LABORATORIES LTD.

APPENDIX B

Geochemical Soil Sampling Results

(SAMPLED BY Mr. G. POLISCHUK JULY 1987)

CERTIFICATE OF ASSAY

Date: July 22, 1987



SGS SUPERVISION SERVICES INC.

General Testing Laboratories Division

1001 East Pender Street,
Vancouver, B.C., Canada. V6A 1W2
Telephone: (604) 254-1647
Telex: 04-507514

File: 8707-0354

TO: MR. GARY POLISCHUK
Box 792
Lillooet, B.C.
VOK 1VO

GOLD SUMMIT MINES LTD.
actg summit 04 case 06

We hereby certify that the following are the results of assays on: rock geochem

Summit soils

MARKED	GOLD	SILVER	Arsenic	Zinc	Lead	XXXXXXXX	XXXXXXXXXXXX	XXXXXX
	Au (ppm)	XXXXXX	As (ppm)	Zn (ppm)	Pb (ppm)			
L 4 20-NW	0.04		115	360	55			
40	0.05		77	362	33			
60	0.05		75	359	44			
80	3.75		69	398	37			
100	0.16		139	>1000	92			
120	0.02		103	325	77			
140	0.06		91	336	54			
160	0.04		68	201	46			
180-NW	0.02		37	167	43			
20-SE	0.02		74	121	48			
40	0.04		151	161	44			
60	0.02		128	145	48			
80	0.02		120	122	40			
100	0.04		150	169	72			
120	0.22		360	303	121			
140	0.18		346	201	75			
160	0.35		219	250	109			
180	0.02		70	153	47			
200	0.02		69	177	50			
220	0.02		76	257	51			
240	0.02		91	177	44			
260	0.02		125	144	53			
280	0.02		120	239	59			
300	0.02		104	137	59			
320-SE	0.02		76	101	36			
<i>L400</i> <i>el</i> 300-SW	0.02		148	214	61			
L 5 20-NW	0.09		109	>1000	48			
40	0.09		184	>1000	60			
60	0.02		122	331	80			
100	0.03		160	320	65			
120	0.02		90	230	65			
140	0.02		69	389	58			
160	0.02		55	275	52			
200-NW	0.02		95	229	131			

/ continued on page 2

NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS ON REQUEST PULPS AND AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR.

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L. Wong

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Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers

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REFEREE AND OR OFFICIAL CHEMISTS FOR: National Institute of Oilseed Products • The American Oil Chemists' Society
OFFICIAL WEIGHMASTERS FOR: Vancouver Board Of Trade

CERTIFICATE OF ASSAY

Date: July 22, 1987

File: 8707-0354



SGS SUPERVISION SERVICES INC.

General Testing Laboratories Division

1001 East Pender Street,
Vancouver, B.C., Canada V6A 1W2
Telephone: (604) 254-1647
Telex: 04-507514

TO: MR. GARY POLISCHUK

(page 2)

We hereby certify that the following are the results of assays on: rock geochem

MARKED	GOLD	XXXXXXXX	Arsenic	Zinc	Lead	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXX
	Au (ppm)		As (ppm)	Zn (ppm)	Pb (ppm)			
L 5	20-SE	0.02	269	318	66			
	40	0.02	173	336	66			
	60	0.02	186	257	66			
	80	0.02	173	240	68			
	100	0.02	103	98	39			
	120	0.02	103	101	52			
	140	0.92	256	267	130			
	160	1.72	272	275	153			
	180	1.40	81	161	49			
	200	1.14	81	169	35			
	220	0.76	97	191	34			
	240	0.36	122	136	49			
	260	0.17	91	126	31			
	280	0.20	88	114	52			
	300	0.09	113	133	36			
	320	0.14	119	148	45			
LS1001- 2-	375-SE	0.02	106	269	38			
L 6	40-NW	0.26	78	360	26			
	60	0.08	114	379	45			
	80	0.15	128	> 1000	56			
	100	0.23	180	374	66			
	120	0.17	209	332	62			
	140	0.13	168	314	78			
	160	0.51	121	255	82			
	180-NW	0.11	68	251	50			
	20-SE	0.19	82	148	39			
	40	0.12	121	216	34			
	60	0.11	118	195	38			
	80	0.07	97	164	43			
	120	0.04	101	124	48			
	140	0.12	258	318	99			
	160	0.01	213	334	94			
	180	1.99	>1000	172	76			
	200	0.04	106	155	42			
	220-SE	0.06	98	150	52			

/ continued on page 3

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CERTIFICATE OF ASSAY

Date: July 22, 1987

File: 8707-0354



SGS SUPERVISION SERVICES INC.

General Testing Laboratories Division

1001 East Pender Street,
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Telephone: (604) 254-1647
Telex: 04-507514

TO: MR. GARY POLISCHUK

(page 3)

We hereby certify that the following are the results of assays on: rock geochem

MARKED	GOLD	SILVER	Arsenic	Zinc	Lead	xxxxxxxx	xxxxxxxx
	Au (ppm)		As (ppm)	Zn (ppm)	Pb (ppm)		
L 6 240-SE	0.03		86	119	30		
260	0.02		84	142	28		
280	0.02		96	114	37		
300	0.02		94	121	47		
320	0.02		113	146	43		
340-SE	0.02		104	184	41		
L 6 B 450-SW	0.06		131	223	52		
L 7 20-NW	0.05		145	>1000	65		
40	0.04		183	294	51		
60	0.02		166	1000	53		
80	0.03		176	315	64		
100	0.04		137	258	58		
120	0.02		62	1000	50		
140	0.02		81	261	52		
160	0.02		74	245	41		
180	0.02		105	>1000	61		
200-NW	0.03		82	138	36		
20-SE	0.03		170	261	53		
40	0.04		225	375	73		
60	0.14		>1000	>1000	>1000		
80	2.79		>1000	>1000	305		
100	0.05		346	>1000	116		
120	0.03		226	>1000	184		
140	1.01		126	104	45		
160	0.02		251	324	110		
180	0.02		140	272	99		
200	0.02		109	183	54		
220	0.02		108	181	57		
240	0.03		99	121	49		
260	0.02		92	138	61		
280	0.02		118	372	45		
300	0.02		104	119	59		
320-SE	0.02		108	100	55		
L 7 525-SW	0.02		131	281	58		

/ continued on page 4

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OFFICIAL WEIGHMASTERS FOR: Vancouver Board Of Trade

CERTIFICATE OF ASSAY

Date: July 22, 1987

File: 8707-0354



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General Testing Laboratories Division

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Telephone: (604) 254-1647
Telex: 04-507514

TO: MR. GARY POLISCHUK
Box 792
Lillooet, B.C.
VOK 1V0

) page 4)

We hereby certify that the following are the results of assays on: rock geochem

MARKED	GOLD	XXXXXXXX	Arsenic	Zinc	Lead	XXXXXXXX	XXXXXXXXXXXX	XXXXXXXX
	Au (ppm)		As (ppm)	Zn (ppm)	Pb (ppm)			
L 8 20-SE	0.02		120	101	50			
40	0.02		162	312	62			
60	0.02		128	81	53			
80	0.02		254	115	59			
100	0.04		164	>1000	79			
120	0.08		254	332	118			
140	0.12		332	179	75			
160	0.23		>1000	324	110			
180	0.25		>1000	342	>1000			
200	0.02		70	52	61			
220	0.02		99	114	50			
240	0.02		115	73	46			
260	0.02		90	64	42			
280	0.02		69	145	46			
300	0.02		104	80	41			
320	0.02		90	134	52			
340	0.02		106	92	41			
360-SE	0.02		94	76	44			
LB 400W 2750 SL 600-SW	0.02		62	240	46			

> = Greater Than.

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APPENDIX C

**Geochemical Analyses: 1988 Soil Sampling Programme
1988 Rock Chip Sampling**

COMPANY: GOLD SUMMIT MINES
 PROJECT NO: GOLDSUMMIT
 ATTENTION: C. SAMPSON

MIN-EN LABS ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

(ACT:F31) PAGE 1 OF 1
 FILE NO: 8-1144/P1+2
 DATE: AUGUST 12, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
L13N1550W	.1	22	113	11	5	116	40
L13N1575W	.4	1	124	16	4	141	20
L13N1600W	.9	1	105	18	6	160	5
L13N1625W	.7	31	85	5	3	114	5
L13N1650W	.6	1	61	8	4	97	5
L13N1675W	1.2	1	71	4	3	103	5
L13N1700W	1.4	1	74	11	4	109	5
L13N1725W	.8	1	85	6	4	105	10
L13N1750W	1.0	19	122	20	3	207	5
L13N1775W	.9	4	110	17	5	165	5
L13N1900W	.9	1	94	15	6	144	5
L13N1825W	1.0	9	128	23	1	146	5
L13N1850W	1.0	1	135	16	5	155	5
L13N1875W	.9	1	141	19	4	132	5
L13N1900W	.9	4	97	17	6	150	5
L13N1925W	1.2	15	161	27	2	157	10
L13N1950W	1.0	220	114	46	7	304	5
L13N1975W	.7	10	63	19	5	149	5
L13N2000W	1.5	1	73	14	3	98	5
L13N2025W	.1	27	180	12	2	143	5
L13N2050W	.1	46	65	4	4	73	5
L13N2075W	.1	31	53	14	9	89	15
L13N2100W	.2	23	86	15	9	101	20
L13N2125W	1.3	73	138	31	4	402	15
L13N2150W	1.2	44	78	28	1	339	5
L13N2175W	1.0	32	60	27	3	496	5
L13N2200W	1.3	47	120	32	6	282	5
L13N2225W	.9	51	107	30	6	284	5
L13N2250W	.9	39	98	20	1	214	10
L13N2275W	.9	17	75	17	3	936	25
L13N2300W	.2	1	88	22	1	747	5
L13N2325W	.2	6	126	32	6	295	5
L13N2350W	.5	17	127	62	3	306	10
L13N2375W	.4	11	153	98	6	278	5
L13N2400W	.5	32	82	37	9	156	5
L13N2425W	.4	10	65	37	5	205	5
L13N2450W	.5	1	83	32	6	192	5
L13N2475W	.4	9	104	20	9	132	5
L13N2500W	.2	69	137	26	1	126	10
L13N2525W	.6	21	107	17	9	106	5
L13N2550W	.5	21	91	22	2	159	5
L13N2575W	.4	4	95	17	10	208	5
L13N2600W	.3	11	161	23	7	160	10
L13N2625W	1.1	28	92	20	3	147	5
L13N2650W	.4	35	106	22	1	129	20
L13N2675W	.6	60	84	27	5	146	5
L13N2700W	.4	71	70	26	1	229	5
L13N2725W	.9	96	83	21	5	132	10
L13N2750W	1.6	17	82	23	3	110	5
L14N1500W	.3	18	16	15	7	76	5
L14N1525W	.3	7	60	9	7	55	5
L14N1550W	.2	8	104	24	5	96	5
L14N1575W	.4	31	78	16	2	116	5
L14N1600W	.5	28	81	18	8	162	5
L14N1625W	.4	1	85	15	1	110	5
L14N1650W	.2	1	107	18	4	139	5
L14N1675W	.5	1	126	18	2	137	10
L14N1700W	.5	1	62	18	3	142	5
L14N1725W	.3	5	72	17	3	126	5
L14N1750W	.5	1	52	12	1	110	5

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
L14N1775W	.4	7	48	17	3	104	5
L14N1800W	.5	1	48	16	2	166	10
L14N1825W	.6	6	53	15	6	161	5
L14N1850W	.7	11	75	19	4	145	5
L14N1875W	.3	28	92	21	7	156	5
L14N1900W	.3	36	72	26	4	192	5
L14N1925W	.3	1	111	23	8	245	5
L14N1950W	.5	87	102	34	3	289	10
L14N1975W	.5	68	91	29	3	353	5
L14N2000W	.5	87	123	30	4	292	30
L14N2025W	.5	30	54	26	3	310	5
L14N2050W	.3	52	112	33	3	391	10
L14N2075W	1.1	129	142	39	5	301	10
L14N2100W	1.0	115	119	38	5	320	20
L14N2125W	1.3	2190	208	324	4	3468	650
L14N2150W	.6	57	114	54	5	382	20
L14N2175W	.5	55	80	31	4	430	5
L14N2200W	.5	30	108	37	5	304	50
L14N2225W	.7	17	107	41	3	358	5
L14N2250W	3.5	51	122	50	1	235	20
L14N2275W	1.2	82	112	41	1	304	10
L14N2300W	.5	9	94	31	3	408	5
L14N2325W	.2	2	138	21	2	158	5
L14N2350W	.4	36	115	45	8	177	10
L14N2375W	.5	1	73	20	8	191	5
L14N2400W	.6	1	81	23	1	149	5
L14N2425W	.2	38	90	33	1	245	5
L14N2450W	.5	68	90	41	4	165	25
L14N2475W	2.6	160	80	114	7	240	220
L14N2500W	.6	97	113	43	1	133	100
L14N2525W40M	2.5	170	136	38	2	167	40
L14N2550W	.5	7	164	18	8	133	5
L14N2575W	.7	30	120	14	9	108	5
L14N2600W	1.6	57	87	27	3	160	10
L14N2625W	.6	1	90	19	8	133	10
L14N2650W	.3	1	119	22	9	157	5
L14N2675W	.5	20	75	21	1	174	5
L14N2700W	.1	11	58	23	2	234	5
L14N2725W	.3	13	56	21	4	126	5
L14N2750W	.3	15	76	15	2	119	10
L15N2000W	.4	78	82	30	1	309	5
L15N2025W	.4	91	106	35	5	289	10
L15N2050W	.5	97	97	41	4	291	10
L15N2075W	.8	17	46	28	3	158	5
L15N2100W	.5	3	84	24	10	194	5
L15N2125W	.5	37	81	19	7	130	5
L15N2150W	.2	8	118	17	6	101	5
L15N2175W	.2	1	242	21	8	161	25
L15N2200W	.4	1	26	20	3	345	5
L15N2225W	1.4	3	17	18	1	236	5
L15N2250W	2.0	17	11	17	2	98	5
L15N2275W	1.8	13	11	18	2	92	10
L15N2300W	1.6	11	12	11	3	40	5
L15N2325W40M	.4	4	76	24	2	127	5
L15N2375W40M	.2	88	79	55	9	161	30
L15N2400W	.9	320	68	99	7	260	130
L15N2425W	.7	44	55	37	1	109	10
L15N2450W	.4	85	81	44	2	135	210
L15N2475W	.6	18	108	20	2	136	5
L15N2500W	2.4	127	107	51	3	167	90

PROJECT NO: GOLDSUMMIT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1144/P5+6

ATTENTION: C. SAMPSON

(604) 980-5814 OR (604) 988-4524

* TYPE SOIL GEOCHEM *

DATE: AUGUST 12, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
L15N2525W	.7	24	65	24	2	126	40
L15N2550W	3.2	74	81	32	1	187	10
L15N2575W	3.3	188	117	41	5	190	20
L15N2600W	.9	16	49	20	2	201	5
L15N2625W	1.3	1	60	9	2	108	5
L15N2650W	1.2	1	61	10	1	126	10
L15N2675W	1.8	32	51	13	1	127	5
L15N2700W	1.0	38	58	9	1	114	10
L15N2725W	1.5	24	52	16	5	127	10
L15N2750W	1.0	1	33	15	3	111	5
L16N2050W	1.3	23	50	26	4	198	5
L16N2075W	.8	98	87	33	5	286	100
L16N2100W	1.3	1	17	19	1	274	5
L16N2125W	.8	30	72	29	1	365	10
L16N2150W	1.0	9	111	30	4	285	20
L16N2175W	1.1	18	90	35	3	246	20
L16N2200W	.9	1	105	26	1	474	5
L16N2225W	1.9	9	31	16	2	83	5
L16N2250W40M	2.1	5	15	19	2	55	10
L16N2275W	1.4	4	22	18	2	48	5
L16N2300W	1.1	37	75	8	3	97	5
L16N2325W	1.0	1	59	6	3	94	5
L16N2350W	.9	35	65	4	1	105	5
L16N2375W	1.8	42	69	6	10	95	5
L16N2400W	1.3	42	71	40	3	141	5
L16N2425W	1.4	8	30	15	1	71	10
L16N2450W	1.4	52	38	20	5	80	5
L16N2475W	1.3	9	24	14	2	60	5
L16N2500W	.7	189	70	54	5	167	10
L16N2525W	.7	1	57	14	4	127	5
L16N2550W	.8	2	52	15	4	183	5
L16N2575W	.7	9	43	14	4	166	50
L16N2600W	1.6	36	39	18	2	126	5
L16N2625W	1.4	9	29	15	2	236	10
L16N2650W	1.9	1	75	11	3	124	5
L16N2675W	1.9	7	58	10	6	105	5
L16N2700W	1.9	12	48	9	7	114	5
L16N2725W	1.6	9	16	16	3	123	10
L16N2750W	1.4	19	55	15	3	129	5
L17N2000W	.9	14	120	18	3	173	5
L17N2025W	1.1	11	108	20	5	227	5
L17N2050W	1.1	47	170	18	5	468	30
L17N2075W	1.0	44	131	17	5	496	40
L17N2100W	.7	38	132	25	5	425	20
L17N2125W	.5	1	88	22	3	277	5
L17N2150W	1.9	77	110	42	7	282	5
L17N2175W	.5	24	138	46	7	222	5
L17N2200W	.7	10	96	30	6	201	5
L17N2250W	1.2	12	96	23	7	161	10
L17N2275W	.4	1	98	18	5	132	5
L17N2300W	.3	1	96	13	4	132	5
L17N2325W	.3	1	62	39	5	119	10
L17N2350W40M	.2	1	77	17	4	109	5
L17N2375W	1.4	1	70	9	6	96	5
L17N2400W	.6	1	83	17	8	105	5
L17N2425W	.6	1	69	10	4	92	15
L17N2450W	.8	80	60	14	4	100	10
L17N2475W	.7	1	94	21	4	113	5
L17N2500W	.7	13	69	13	4	136	5
L17N2525W	.2	12	72	18	6	163	5

COMPANY: GOLD SUMMIT MINES
 PROJECT NO: GOLDSUMMIT
 ATTENTION: C.SAMPSON

MIN-EN LABS ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

(ACT:F31) PAGE 1 OF 1
 FILE NO: 8-1144/P7+8
 DATE: AUGUST 12, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
L17N2550W	1.1	16	72	18	2	133	5
L17N2575W	1.2	21	61	18	6	135	10
L17N2600W	.8	20	96	20	1	116	5
L17N2625W	1.4	14	95	13	2	122	5
L17N2650W	2.0	24	47	11	1	142	5
L17N2675W	2.4	31	62	12	2	130	5
L17N2700W	2.2	29	53	8	1	163	5
L17N2725W	2.2	27	39	12	4	127	5
L18N2000W	2.1	29	57	19	3	180	5
L18N2025W	1.4	15	42	15	2	180	10
L18N2050W	1.3	17	39	11	3	238	5
L18N2075W	.6	27	90	17	7	501	20
L18N2100W	.9	1	46	19	1	244	5
L18N2150W	1.2	1	67	18	1	243	5
L18N2175W	1.0	49	113	31	7	286	10
L18N2200W	1.1	31	99	22	2	228	5
L18N2225W	1.2	22	80	13	7	345	5
L18N2250W	.3	4	105	25	6	269	5
L18N2275W	1.4	10	53	11	1	114	5
L18N2300W	1.9	13	96	16	6	125	5
L18N2325W	.9	1	108	11	5	127	5
L18N2350W	.5	1	53	36	4	108	5
L18N2375W	.7	1	72	16	6	92	10
L18N2400W	.6	1	61	11	5	97	5
L18N2425W	.7	37	77	9	6	115	5
L18N2450W	.3	1	80	14	7	120	5
L18N2500W	.7	10	97	14	7	201	10
L18N2525W	1.4	7	21	10	1	137	20
L18N2550W	1.2	1	21	8	4	390	5
L18N2575W	1.4	9	23	12	5	130	5
L18N2600W	1.2	1	24	19	6	185	5
L18N2625W	1.6	10	18	21	10	88	5
L18N2650W	1.1	3	31	21	7	142	10
L18N2675W	1.5	9	26	21	9	134	5
L18N2700W	1.6	10	23	19	9	129	5
L18N2725W	1.3	8	27	20	7	137	5
L18N2750W	1.0	13	66	24	9	123	10
L20N2000W	1.2	15	72	20	7	126	10
L20N2025W	.7	138	162	25	1	572	60
L20N2075W20M	.3	1	126	24	4	284	120
L20N2100W	.5	5	131	26	7	127	5
L20N2125W	2.3	23	88	3	12	108	5
L20N2150W	.6	1	121	15	2	154	10
L20N2175W	1.7	152	106	197	7	421	20
L20N2200W40M	1.4	85	113	51	9	315	5
L20N2225W	4.1	122	111	73	9	220	60
L20N2250W	2.0	104	92	25	7	159	5
L20N2275W	1.9	27	171	33	13	254	5
L20N2300W	.7	10	41	35	6	439	10
L20N2325W	2.6	4	36	22	9	132	5
L20N2350W	1.4	24	43	23	9	152	5
L20N2375W	1.6	22	23	26	11	168	10
L20N2400W	1.0	10	9	26	10	108	5
L20N2425W	1.1	18	32	22	10	91	10
L20N2450W	1.2	15	24	20	9	119	5
L20N2475W	1.4	21	24	21	10	135	5
L20N2500W	1.5	23	28	23	9	136	15
L20N2525W	1.4	26	30	22	10	130	5
L20N2550W	1.4	12	11	26	9	193	5
L20N2575W	1.5	28	29	19	10	172	10

COMPANY: GOLD SUMMIT MINES
PROJECT NO: GOLDSUMMIT
ATTENTION: C. SAMPSON

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

(ACT:F31) PAGE 1 OF 1
FILE NO: 8-1144/P9
* TYPE SOIL GEOCHEM * DATE: AUGUST 12, 1988

(VALUES IN PPM)	AS	AS	CU	PB	SB	ZN	AU-PPB
L20N2600W	.6	11	31	17	2	127	5
L20N2625W	1.1	12	19	15	2	102	5
L20N2650W	.3	4	50	23	3	163	10
L20N2675W	.4	18	73	22	5	138	5
L20N2700W	1.1	21	20	21	2	107	5
L20N2725W	1.3	36	22	21	6	96	5
L20N2750W	.1	2	46	21	3	196	5
L16N2025W	.2	6	41	19	3	346	5

PROJECT NO: GOLD SUMMIT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1276/P1+2

ATTENTION: C. SAMPSON

(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM *

DATE: AUGUST 31, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
15N1250W	2.0	18	162	24	4	140	5
15N1275W	1.6	2	54	20	2	147	5
15N1300W	1.1	7	115	21	1	130	5
15N1325W	1.1	1	70	23	2	125	5
15N1350W	.3	24	72	19	7	157	10
15N1375W	1.8	2	51	16	1	82	5
15N1400W	.2	26	57	3	8	108	5
15N1425W	.5	41	84	12	6	103	5
15N1450W	N/S						
15N1475W	N/S						
15N1500W	1.8	1	44	17	1	121	5
15N1525W	.5	18	69	12	2	139	10
15N1550W	.7	22	42	16	5	116	5
15N1575W	.2	8	92	11	2	157	5
15N1600W	.9	24	70	18	5	155	5
15N1625W	.8	1	106	23	6	156	5
15N1650W	.4	9	91	13	2	139	5
15N1675W	.5	30	72	8	8	111	5
15N1700W	1.3	14	42	17	1	86	10
15N1725W	2.1	6	40	20	1	196	5
15N1750W	3.9	31	19	16	9	97	5
15N1775W	2.0	8	26	22	2	186	5
15N1800W	.7	9	43	20	1	301	5
15N1825W	2.5	16	20	22	5	185	5
15N1850W	.7	1	40	33	1	306	5
15N1875W	3.4	32	20	18	8	90	5
15N1900W	1.8	157	64	129	6	375	35
15N1925W	2.5	70	56	48	1	207	5
15N1950W	.3	1	83	33	1	135	5
15N1975W	.3	65	110	23	1	255	5
16N1250W	2.4	15	120	15	2	130	5
16N1275W	.4	1	73	23	1	134	5
16N1300W	1.3	5	74	19	2	95	5
16N1325W	.2	16	76	19	1	126	5
16N1350W	.3	11	44	8	1	195	5
16N1375W	.3	11	52	11	1	247	5
16N1400W	.4	18	34	10	1	94	5
16N1425W	1.4	2	28	18	1	85	5
16N1450W	.7	21	53	14	4	117	10
16N1475W	.1	1	58	2	1	96	5
16N1500W	.5	4	49	8	1	78	5
16N1525W	.4	1	25	5	1	77	5
16N1550W	.5	7	54	9	1	93	10
16N1575W	2.3	13	18	13	4	84	5
16N1600W	.6	23	43	10	3	85	5
16N1625W	.5	1	63	6	1	89	5
16N1650W	.1	15	59	9	1	118	5
16N1675W	.1	33	72	1	6	93	5
16N1700W	.2	9	62	9	1	95	5
16N1725W	.1	1	75	9	5	113	5
16N1750W	.1	1	48	17	1	104	5
16N1775W	.3	7	67	17	2	176	10
16N1800W	.3	2	103	21	1	285	5
16N1825W	2.5	18	28	21	2	87	5
16N1850W	.5	2	41	27	1	248	5
16N1875W	1.3	1	29	15	1	143	5
16N1900W	1.2	1	39	15	1	137	5
16N1925W	3.2	28	18	12	6	64	5
16N1950W	2.5	17	26	18	3	136	10
16N1975W	1.7	22	47	16	1	90	5

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
17N1250W	.3	12	67	11	3	135	5
17N1275W	1.1	5	72	22	3	127	5
17N1300W	.5	17	87	22	1	146	10
17N1325W	.1	11	27	14	6	83	5
17N1350W	.2	2	51	11	4	87	5
17N1375W	.1	16	76	13	3	84	5
17N1400W	.3	15	36	9	8	92	5
17N1425W	.2	16	30	8	1	91	10
17N1450W	.4	16	85	18	6	92	10
17N1475W	.5	5	170	40	1	123	5
17N1500W	.1	2	70	14	5	89	5
17N1525W	.6	30	67	10	1	84	5
17N1550W	.4	1	96	6	8	87	10
17N1575W	.5	32	88	15	5	101	5
17N1600W	.6	3	77	7	1	89	5
17N1625W	.6	1	80	12	1	104	5
17N1650W	.3	12	80	12	1	103	5
17N1675W	.6	7	102	9	1	139	10
17N1700W	.1	27	95	10	1	121	5
17N1725W	.1	3	84	12	7	117	5
17N1750W	.4	22	106	28	3	200	5
17N1775W	.7	4	93	23	4	160	10
17N1800W	1.3	18	107	24	6	164	10
17N1825W	.1	157	103	141	7	312	40
17N1850W	.8	436	130	86	1	299	65
17N1875W	N/S						
17N1900W	.5	14	114	36	1	118	5
17N1925W	1.1	8	80	30	1	164	5
17N1950W	N/S						
17N1975W	N/S						
17N2000W	.2	7	163	14	5	193	5
18N1275W	1.2	1	121	21	1	152	25
18N1300W	2.7	22	139	25	4	105	5
18N1325W	1.6	3	231	26	2	252	5
18N1350W	.4	16	153	18	1	108	10
18N1375W	.4	2	79	22	1	84	5
18N1400W	.3	2	85	10	1	102	5
18N1425W	.3	27	72	8	5	90	5
18N1450W	.1	32	78	14	4	78	5
18N1475W	.6	21	76	11	2	88	30
18N1500W	.3	14	66	11	2	96	10
18N1525W	N/S						
18N1550W	.6	2	98	10	1	83	5
18N1575W	.4	21	57	13	16	84	5
18N1600W	.4	23	89	10	2	143	15
18N1625W	.1	20	51	17	2	140	10
18N1650W	.1	63	75	8	1	102	10
18N1675W	.7	44	81	16	4	113	10
18N1700W	.4	1	70	17	3	104	5
18N1725W	N/S						
18N1750W	.2	25	128	23	1	175	5
18N1775W	1.1	58	149	49	2	240	20
18N1800W	1.6	104	128	45	3	142	10
18N1825W	.5	162	103	104	5	234	20
18N1850W	.7	75	127	79	5	190	5
18N1875W	N/S						
18N1900W	1.0	1	83	15	1	95	5
18N1925W	1.5	4	84	26	2	135	5
18N1950W	N/S						
18N1975W	.6	20	121	10	3	162	5

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
19N2000W	.2	23	117	8	9	168	10
19N1250W	.1	31	115	15	5	504	5
19N1275W	.7	1	74	21	3	180	5
19N1300W	.7	20	63	19	1	130	5
19N1325W	.2	3	63	19	2	165	5
19N1350W	.5	20	78	15	2	109	10
19N1375W	.9	2	84	20	1	109	5
19N1400W	.6	27	70	13	1	92	5
19N1425W	.4	23	63	4	10	91	10
19N1450W	.2	32	42	9	1	81	5
19N1475W	.6	14	48	16	6	81	5
19N1500W	.1	1	47	18	4	91	10
19N1525W	.5	7	51	12	1	158	10
19N1550W	1.4	23	70	14	5	167	15
19N1575W	.5	22	69	8	1	97	5
19N1600W	2.8	30	104	18	6	243	5
19N1625W	.5	1	56	8	6	82	5
19N1650W	.5	8	55	8	1	73	5
19N1675W	1.0	14	41	12	3	85	5
19N1700W	.6	2	67	3	10	100	5
19N1725W	.5	1	60	7	11	114	5
19N1750W	1.6	5	94	19	2	190	5
19N1775W	1.1	12	58	24	1	141	5
19N1800W	.1	5	130	18	3	144	5
19N1825W	.4	16	136	25	4	138	10
19N1850W	.2	179	85	83	9	254	10
19N1875W	7.3	531	84	226	9	288	140
19N1900W	N/S						
19N1925W	2.6	36	36	20	5	54	5
19N1950W	.4	1	59	15	7	105	5
19N1975W	.3	37	109	16	7	151	10
19N2000W	1.2	545	90	35	1	877	90
19N2025W	.4	18	147	2	6	240	5
19N2050W	.5	41	147	18	5	594	110
19N2075W	.6	37	100	17	2	450	55
19N2100W	.1	41	130	12	1	320	5
19N2125W	1.2	136	97	36	4	281	80
19N2150W	.9	1	106	11	2	140	5
19N2175W	3.2	22	127	22	1	711	10
19N2200W	1.6	9	70	14	5	124	5
19N2225W	1.4	7	99	17	5	188	10
19N2250W	2.1	10	44	14	1	165	5
19N2275W	1.7	7	118	28	5	206	5
19N2300W	2.3	15	123	23	1	161	10
19N2325W	2.4	47	206	41	3	268	5
19N2350W	.4	36	63	20	1	125	5
19N2375W	1.3	15	145	30	5	215	5
19N2400W	.3	27	46	43	1	214	5
19N2425W	.3	195	57	50	4	98	10
19N2450W	1.7	22	42	14	1	128	5
19N2475W	1.6	10	39	13	6	122	5
19N2500W	2.4	19	50	16	1	128	5
19N2525W	2.4	26	47	16	1	134	5
19N2550W	2.5	26	44	15	1	135	5
19N2575W	.6	28	43	17	3	228	5
19N2600W	1.7	27	31	15	4	185	20
19N2625W	1.7	7	38	10	4	119	5
19N2650W	1.8	13	43	12	4	119	5
19N2675W	2.0	10	39	8	4	114	5
19N2700W	2.2	24	46	15	1	107	5

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
19N2725W	1.3	6	36	13	1	191	5
19N2750W	.4	2	57	9	8	177	5
20N1250W	2.6	12	27	14	5	66	5
20N1275W	.4	11	69	5	1	107	5
20N1300W	.9	21	56	6	2	91	5
20N1325W	.5	30	67	9	1	94	10
20N1350W	.2	20	91	18	1	110	5
20N1375W	1.2	15	38	15	1	77	5
20N1400W	.5	38	65	12	7	88	5
20N1425W	.3	26	56	9	5	73	5
20N1450W	.6	19	67	6	4	91	5
20N1475W	.4	24	43	8	5	86	10
20N1500W	.5	6	63	9	4	117	5
20N1525W	.4	49	75	10	5	160	10
20N1550W	1.1	12	27	8	6	123	5
20N1575W	.2	24	61	2	2	124	5
20N1600W	1.4	18	38	10	4	96	5
20N1625W	.6	21	40	7	1	113	5
20N1650W	.3	44	53	13	4	110	5
20N1675W	.7	24	43	10	1	106	20
20N1700W	.9	3	97	5	9	117	5
20N1725W	1.5	8	61	13	1	88	5
20N1750W	1.0	10	121	23	4	163	10
20N1775W	1.3	9	81	13	1	123	5
20N1800W	.3	40	87	36	1	167	140
20N1825W	3.7	11840	142	2535	1	3009	1850
20N1850W	.2	107	65	29	5	125	10
20N1875W	.6	131	94	73	1	237	20
20N1900W	.7	40	68	9	7	103	10
20N1925W	.8	108	92	15	6	124	50
20N1950W	N/S						
20N1975W	N/S						
21N1950W	1.1	4	52	14	1	111	5
21N1975W	1.2	8	116	16	1	248	10
21N2000W	2.1	31	95	15	1	242	10
21N2025W	.4	505	181	10	1	731	260
21N2050W	.1	122	120	12	5	375	120
21N2075W	.5	17	116	17	1	723	5
21N2100W	.4	1	49	22	2	660	40
21N2125W	.1	17	105	14	1	262	10
21N2150W	4.6	178	142	25	3	381	15
21N2175W	1.4	136	48	24	5	346	10
21N2200W	1.9	41	71	15	1	124	40
21N2225W	.1	36	29	27	1	333	5
21N2250W	1.0	79	36	15	4	210	5
21N2275W	2.8	177	35	41	1	218	130
21N2300W	.8	37	29	28	6	345	60
21N2325W	1.0	15	52	16	6	108	5
21N2350W	.7	19	52	18	4	164	10
21N2375W	1.5	17	27	12	1	154	5
21N2400W	.4	13	31	20	1	253	5
21N2425W	1.8	20	31	13	1	171	10
21N2450W	1.5	22	24	18	6	202	5
21N2475W	2.2	30	22	14	2	141	10
21N2500W	2.1	23	35	12	2	118	5
21N2525W	1.5	12	40	15	1	131	5
21N2550W	1.8	29	32	14	2	148	10
21N2575W	2.0	14	25	12	1	132	10
21N2600W	.8	1	29	15	2	261	5
21N2625W	.9	22	44	10	7	129	10

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AG-PPB
21N2650W	1.2	184	65	22	3	212	15
21N2675W	1.8	26	28	19	1	142	5
21N2700W	1.6	16	26	22	1	178	5
21N2725W	1.2	33	83	17	3	166	5
21N2750W	2.1	3	30	12	4	81	10
22N1250W	1.4	8	58	20	1	191	5
22N1275W	2.1	19	76	21	4	93	5
22N1300W	.8	10	69	20	1	102	5
22N1325W	.3	14	142	24	1	108	5
22N1350W	.1	11	83	10	6	108	5
22N1375W	.6	32	65	22	3	217	10
22N1400W	1.0	32	67	40	1	163	5
22N1425W	.3	26	114	28	1	260	5
22N1450W	1.5	64	62	41	2	158	25
22N1475W	1.5	20	34	36	2	295	10
22N1500W	.5	16	27	20	1	95	5
22N1525W	.3	33	37	18	3	114	5
22N1550W	.9	18	55	36	3	205	5
22N1575W	.9	37	61	31	3	154	5
22N1600W	.7	54	54	35	1	164	75
22N1625W	1.4	47	54	59	2	278	15
22N1650W	.6	33	152	27	2	172	5
22N1675W	1.4	56	42	76	1	469	5
22N1700W	.6	33	54	88	7	394	20
22N1725W	1.6	224	45	182	1	502	70
22N1750W	1.7	105	56	61	1	216	25
22N1775W	.8	132	74	66	9	189	5
22N1800W	1.0	99	48	69	1	265	5
22N1825W	1.3	43	45	25	1	153	5
22N1850W	N/S						
22N1875W	N/S						
22N1900W	N/S						
22N1925W	.8	89	73	20	1	153	5
22N1950W	.9	74	61	25	1	179	25
22N1975W	.6	21	85	16	3	183	5
22N2000W	.4	17	43	19	6	1139	100
22N2025W	.5	8	43	23	1	586	20
22N2050W	.6	18	155	21	3	247	15
22N2075W	2.0	29	45	19	5	193	20
22N2100W	1.7	38	61	21	5	254	10
22N2125W	1.6	31	62	16	1	222	5
22N2150W	.4	1	40	21	1	707	5
22N2175W	.2	19	39	22	1	390	5
22N2200W	1.2	29	28	16	5	274	550
22N2225W	1.0	19	55	17	6	151	5
22N2250W	.6	13	38	13	5	194	5
22N2275W	2.3	26	25	13	1	104	10
22N2300W	1.4	12	52	13	6	141	5
22N2325W	1.6	28	31	13	1	155	5
22N2350W	1.6	22	30	13	1	155	5
22N2375W	1.2	29	26	11	1	150	10
22N2400W	1.4	13	27	14	1	133	5
22N2425W	2.8	23	30	16	3	72	5
22N2450W	2.0	16	30	15	1	204	5
22N2475W	1.5	21	38	17	6	216	5
22N2500W	1.4	1	38	15	4	302	5
22N2525W	1.4	16	45	13	5	141	5
22N2550W	1.1	1	32	9	4	153	5
22N2575W	1.5	21	38	12	5	147	10
22N2600W	1.5	19	21	10	1	164	5

COMPANY: GOLD SUMMIT MINES
 PROJECT NO: GOLD SUMMIT
 ATTENTION: C.SAMPSON

MIN-EN LABS ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

(ACT:F31) PAGE 1 OF 1
 FILE NO: 8-1276/P11+12
 * TYPE SOIL GEOCHEM * DATE: AUGUST 31, 1988

(VALUES IN PPM)	AG	AS	CU	PR	SB	ZN	AU-PPB
22N2625W	1.0	28	41	18	6	205	5
22N2650W	.4	23	50	18	4	450	5
22N2675W	1.3	26	29	15	5	177	5
22N2700W	1.1	4	35	11	2	199	5
22N2725W	1.2	1	24	16	1	372	10
22N2750W	2.0	26	37	16	5	160	5
33N2000W	1.9	27	44	13	2	108	5
33N2025W	2.0	37	30	18	3	133	5
33N2050W	2.4	33	28	14	5	113	5
33N2075W	1.1	2	28	16	1	109	10
33N2100W	.7	7	46	11	2	139	60
33N2125W	1.2	1	33	18	2	149	15
33N2175W	1.7	21	14	19	4	133	5
33N2200W	2.2	31	20	21	4	102	10
33N2225W	1.7	35	62	23	3	120	5
33N2250W	1.6	28	65	18	2	118	5
33N2275W	2.0	25	22	13	3	98	5
33N2325W	2.5	23	40	14	7	111	5
33N2350W	1.7	11	47	12	2	94	5
33N2375W	1.9	28	84	18	10	160	5
33N2400W	1.1	29	63	17	6	120	5
33N2425W	1.4	20	74	16	3	155	5
33N2450W	.3	33	83	11	1	118	5
33N2475W	1.2	2	46	12	6	140	5
33N2500W	.5	10	51	13	3	148	5
33N2525W	1.1	4	43	8	4	105	5
33N2550W	1.8	2	41	11	1	98	5
33N2575W	1.6	10	45	13	5	110	10
33N2600W	.3	15	44	10	1	104	5
33N2625W	.6	15	42	9	1	100	5
33N2650W	1.8	8	34	13	1	89	5
33N2675W	1.6	26	35	16	1	157	5
33N2700W	1.9	6	32	14	1	98	5
33N2725W	.2	10	38	23	1	428	10
33N2750W	1.3	24	35	14	2	232	5
33N2775W	1.6	25	37	12	2	100	5
33N2800W	1.7	1	23	12	1	104	5
33N2825W	1.6	23	23	13	3	111	5
33N2850W	1.9	1	18	16	5	148	10
33N2875W	2.0	5	24	16	1	173	5
33N2900W	1.6	3	8	14	1	104	5
33N2925W	1.7	2	18	15	1	208	15
33N2950W	1.7	1	20	12	4	95	5
33N2975W	1.5	22	16	15	3	99	10
33N3000W	1.3	26	7	13	3	101	5
33N3025W	.9	25	22	11	4	82	5
33N3050W	1.7	3	3	7	1	88	5
33N3075W	.5	15	13	14	6	97	5
33N3100W	.2	22	24	24	3	335	5
33N3125W	1.5	1	20	18	1	129	10
33N3150W	1.2	3	22	21	5	228	5
33N3175W	.9	1	29	18	6	156	10
33N3200W	1.6	16	23	16	1	91	5
33N3225W	1.2	20	30	16	5	155	20
33N3250W	1.7	29	31	23	1	125	5
33N3275W	1.1	7	27	22	1	191	5
33N3300W	1.6	21	23	17	2	136	5
33N3325W	2.0	19	26	16	1	130	5

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
33N3350W	1.6	5	30	14	1	140	5
33N3375W	1.7	13	28	15	3	104	10
33N3400W	1.0	6	29	15	1	179	5
33N3425W	.4	28	23	16	6	247	5
33N3450W	1.3	1	22	15	1	125	5
33N3475W	1.2	10	28	12	2	124	5
33N3500W	2.0	16	29	10	3	63	10
34N2000W	1.4	18	32	15	8	198	5
34N2025W	1.2	14	24	12	1	101	5
34N2050W	2.9	157	115	95	42	149	5
34N2075W	2.1	45	28	26	6	142	5
34N2125W	2.3	47	36	28	12	137	5
34N2150W	2.1	48	150	25	9	191	10
34N2175W	2.4	17	31	15	4	53	5
34N2200W	1.8	15	26	11	2	91	5
34N2225W	2.1	11	20	12	4	56	5
34N2250W	.9	2	45	12	1	118	5
34N2275W	1.5	20	61	20	5	120	5
34N2300W	1.3	16	47	16	2	122	5
34N2325W	2.7	26	24	18	8	60	10
34N2350W	2.6	29	32	19	7	66	5
34N2375W	1.4	19	59	15	2	132	5
34N2400W	.2	1	51	14	5	134	5
34N2425W	.8	18	46	13	2	87	5
34N2500W	1.1	1	38	9	6	90	10
34N2525W	.2	1	47	15	4	154	5
34N2550W	.2	12	75	17	5	116	5
34N2575W	.8	5	36	12	4	109	5
34N2600W	1.0	3	42	18	1	124	10
34N2625W	1.1	1	28	13	6	160	5
34N2675W	1.8	9	27	13	1	105	5
34N2700W	1.7	4	21	11	1	67	5
34N2725W	1.4	7	23	13	1	121	5
34N2750W	1.5	7	29	13	1	168	5
34N2775W	1.2	25	31	10	3	152	5
34N2800W	1.7	2	24	16	1	144	5
34N2825W	1.6	16	19	18	3	123	5
34N2850W	1.1	1	22	19	1	148	10
34N2875W	1.4	7	21	13	1	99	5
34N2900W	.4	22	14	9	3	116	5
34N2925W	.3	9	17	15	3	214	5
34N2950W	1.8	12	19	18	2	106	10
34N2975W	1.0	27	20	14	1	98	5
34N3000W	1.0	3	28	15	1	159	5
34N3025W	.4	24	21	13	6	172	5
34N3050W	1.2	6	19	12	1	111	5
34N3075W	1.0	9	24	10	1	73	10
34N3100W	.9	7	22	9	1	87	5
34N3125W	1.5	16	28	11	3	85	5
34N3150W	.7	8	33	9	1	102	5
34N3175W	1.4	15	21	13	1	85	10
34N3200W	1.6	34	23	17	3	197	10
34N3225W	.7	18	23	10	1	109	5
34N3250W	.9	11	20	13	1	96	5
34N3275W	.3	2	20	12	1	102	5
34N3300W	1.1	12	25	15	1	104	5

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
34N3325W	1.6	12	21	13	3	109	10
34N3350W	.6	22	20	14	1	177	5
34N3375W	1.5	10	25	16	5	106	5
34N3400W	1.6	5	22	12	2	132	10
34N3425W	.4	22	22	13	1	213	10
34N3450W	2.0	16	26	12	4	111	5
34N3475W	.9	4	24	14	1	76	5
34N3500W	.6	10	20	8	6	91	5
35N2000W	.3	24	48	4	3	96	5
35N2025W	.6	18	27	20	3	113	25
35N2050W	.9	22	27	18	1	295	5
35N2075W	.1	36	68	9	9	26	5
35N2100W	1.7	30	45	15	2	104	30
35N2125W	1.4	30	59	15	7	109	5
35N2150W	1.8	12	39	14	1	82	5
35N2175W	2.4	27	26	14	5	87	10
35N2200W	1.8	39	54	16	6	97	5
35N2225W	1.8	13	23	13	1	130	5
35N2250W	1.5	34	53	11	2	98	5
35N2275W	N/S						
35N2300W	N/S						
35N2325W	.9	35	115	14	1	156	5
35N2350W	.5	33	88	10	8	117	5
35N2375W	1.4	26	97	9	2	139	5
35N2400W	1.6	19	54	11	2	119	5
35N2425W	1.5	12	51	12	1	151	10
35N2450W	.9	11	73	11	1	153	5
35N2475W	.8	11	76	17	1	138	5
35N2500W	N/S						
35N2525W	.7	2	55	16	6	110	5
35N2550W	.5	1	49	15	1	128	10
35N2575W	1.2	8	41	9	1	101	15
35N2600W	1.8	11	31	11	2	70	5
35N2625W	2.0	5	25	30	21	194	5
35N2650W	1.8	7	23	15	1	91	5
35N2675W	2.1	14	24	12	4	89	10
35N2700W	1.3	9	27	14	1	111	5
35N2725W	.9	1	21	10	1	122	5
35N2750W	.6	5	25	14	1	126	5
35N2775W	1.7	2	26	9	1	93	5
35N2800W	1.9	14	25	12	1	123	5
35N2825W	1.7	14	26	10	3	95	10
35N2850W	1.3	14	30	7	1	81	5
35N2875W	1.8	10	24	10	3	120	5
35N2900W	.9	9	24	9	1	84	5
35N2925W	.4	15	26	15	4	223	15
35N2950W	1.2	15	29	7	1	82	5
35N2975W	1.5	18	29	12	2	81	5
35N3000W	1.5	17	31	10	2	111	10
35N3025W	1.2	37	38	11	4	81	5
35N3050W	1.1	22	29	13	1	128	5
35N3075W	1.2	51	23	9	5	138	5
35N3100W	.9	11	25	9	1	99	5
35N3125W	2.4	212	25	18	1	247	50
35N3150W	1.0	75	30	19	3	123	5
35N3175W	1.2	44	24	12	2	127	10
35N3200W	1.0	19	26	14	1	164	5
35N3225W	.5	12	22	17	4	340	5
35N3250W	1.1	7	24	8	1	108	5
35N3275W	.9	10	20	14	3	70	5

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
35N3300W	2.2	20	28	15	6	122	5
35N3325W	2.2	20	40	17	6	107	5
35N3350W	1.6	20	40	13	4	78	10
35N3375W	1.3	5	37	19	9	156	5
35N3400W	.6	28	37	16	1	102	5
35N3425W	.5	16	48	20	2	171	5
35N3450W	.6	23	44	11	4	178	5
35N3475W	.3	18	68	6	1	85	5
35N3500W	1.2	25	36	8	10	153	10
36N2000W	2.2	46	212	20	26	170	5
36N2025W	2.4	55	68	39	12	259	5
36N2050W	N/S						
36N2075W	1.5	7	42	12	6	73	5
36N2100W	2.7	24	30	14	6	67	10
36N2125W	1.6	8	39	13	1	63	10
36 N2150W	N/S						
36N2175W	1.7	33	40	17	7	93	5
36N2200W	1.6	22	32	20	4	118	5
36N2225W	.9	50	61	19	20	139	5
36N2250W	.3	22	98	7	9	120	10
36N2275W	.6	4	69	11	1	109	5
36N2300W	2.0	12	31	13	2	86	5
36N2325W	1.9	16	45	13	2	99	5
36N2350W	2.3	22	50	16	3	86	5
36N2375W	1.2	16	52	18	1	101	5
36N2400W	1.7	13	61	15	1	94	10
36N2425W	1.5	13	60	16	3	117	5
36N2450W	1.8	13	39	14	3	119	5
36N2475W	1.3	14	88	22	1	184	5
36N2500W	.3	1	54	15	7	140	5
36N2525W	1.6	24	60	16	3	91	5
36N2550W	N/S						
36N2575W	.8	8	31	15	1	91	5
36N2600W	.8	2	26	16	4	170	10
36N2625W	.8	1	24	14	4	180	5
36N2650W	.8	4	25	19	1	181	5
36N2675W	1.4	20	34	14	3	79	5
36N2700W	.3	6	37	11	1	86	5
36N2725W	.2	4	32	14	4	146	5
36N2750W	.3	5	30	14	5	128	5
36N2775W	1.8	26	28	13	5	61	5
36N2800W	.8	18	35	14	5	166	10
36N2825W	1.0	23	32	13	1	111	5
36N2850W	1.7	40	45	16	5	77	5
36N2875W	1.2	23	47	15	3	67	5
36N2900W	1.8	29	46	14	5	63	5
36N2925W	.5	17	36	13	1	79	5
36N2950W	1.2	13	27	14	1	122	5
36N2975W	1.2	38	27	20	1	167	10
36N3000W	1.5	31	27	15	1	127	5
36N3025W	1.7	159	36	23	3	143	5
36N3050W	2.2	34	18	21	6	121	5
36N3075W	2.2	35	24	22	8	77	5
36N3100W	1.7	31	17	19	6	104	5
36N3125W	1.1	35	7	13	5	76	5
36N3150W	1.3	17	15	17	3	123	10
36N3175W	1.4	27	26	22	2	121	5
36N3200W	1.9	26	22	18	3	120	5
36N3225W	1.3	11	20	18	1	123	5
36N3250W	1.0	9	35	13	6	69	5

PROJECT NO: GOLD SUMMIT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1276/P19+20

ATTENTION: C.SAMPSON

(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM *

DATE:AUGUST 31, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
36N3275W	1.1	3	24	12	4	139	5
36N3300W	.4	1	33	13	2	173	5
36N3325W	1.7	3	28	10	1	87	10
36N3350W	1.2	14	36	10	1	69	5
36N3375W	.3	28	32	11	1	132	5
36N3400W	2.2	21	29	12	1	80	10
36N3425W	1.3	7	49	8	3	70	5
36N3450W	1.0	1	61	11	4	114	5
36N3475W	.9	15	73	15	4	91	5
36N3500W	1.7	15	36	13	1	93	5
37N2000W	1.9	20	40	13	4	79	5
37N2050W	1.9	24	37	15	5	90	5
37N2075W	1.9	85	25	13	12	116	5
37N2100W	2.3	30	44	12	5	73	5
37N2125W	1.9	38	61	15	10	108	10
37N2150W	.2	15	76	11	4	119	15
37N2175W	.7	16	53	13	1	100	15
37N2200W	.5	22	58	8	5	98	5
37N2225W	.6	10	72	6	2	103	5
37N2250W	1.3	21	45	15	4	106	10
37N2275W	1.0	17	53	11	8	110	5
37N2300W	1.6	14	22	11	2	68	5
37N2350W	1.8	25	33	12	2	93	5
37N2375W	.3	1	43	9	1	122	5
37N2400W	1.0	12	33	11	1	108	5
37N2450W	.7	4	41	12	3	150	5
37N2475W	1.2	11	38	9	1	91	5
37N2500W	1.9	28	31	10	2	131	5
37N2525W	2.1	26	32	15	3	170	5
37N2550W	1.4	20	30	11	1	117	10
37N2575W	1.6	21	27	12	1	158	5
37N2600W	2.7	43	40	13	5	65	5
37N2625W	2.6	30	28	19	5	101	5
37N2650W	2.4	42	43	13	6	90	15
37N2675W	1.7	21	28	17	1	131	5
37N2700W	.3	8	45	15	4	99	5
37N2725W	1.0	15	37	12	1	96	5
37N2750W	1.5	17	30	11	1	72	25
37N2775W	.7	16	39	10	1	122	10
37N2800W	2.1	27	57	14	7	111	5
37N2825W	1.1	15	30	18	1	128	5
37N2850W	1.0	14	26	14	1	87	5
37N2875W	.4	21	30	19	1	133	5
37N2900W	.3	17	43	36	1	433	5
37N2925W	.4	9	55	9	1	121	15
37N2950W	1.2	166	37	56	1	145	30
37N2975W	1.2	27	27	12	4	119	5
37N3000W	1.7	22	18	18	1	111	5
37N3025W	.3	19	40	18	1	121	10
37N3050W	1.6	20	44	12	2	68	5
37N3075W	.7	2	20	11	1	162	5
37N3100W	.7	41	73	39	18	164	25
37N3125W	1.2	26	131	13	2	219	5
37N3150W	.2	32	49	15	4	176	5
37N3175W	1.0	11	36	11	1	74	10
37N3200W	.9	4	26	15	4	152	5
37N3225W	.8	1	150	10	1	130	5

COMPANY: GOLD SUMMIT MINES
 PROJECT NO: GOLD SUMMIT
 ATTENTION: C. SAMPSON

MIN-EN LABS ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

(ACT:F31) PAGE 1 OF 1
 FILE NO: 8-1276/P21+22
 DATE: AUGUST 31, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
37N3250W	.9	2	144	9	3	131	5
37N3275W	1.8	16	37	14	1	60	5
37N3300W	1.0	4	32	10	6	139	5
37N3325W	.4	25	43	14	5	96	5
37N3350W	.4	31	59	13	1	105	5
37N3375W	3.0	29	16	15	9	40	5
37N3400W	1.0	4	64	19	4	235	10
37N3425W	N/S						
37N3450W	.4	29	54	10	1	70	5
37N3475W	.5	1	37	10	3	86	5
37N3500W	N/S						
38N2000W	.1	25	31	16	1	162	5
38N2025W	1.7	28	45	16	1	90	5
38N2050W	1.5	27	44	14	1	98	5
38N2075W	N/S						
38N2100W	1.0	20	54	12	1	105	5
38N2125W	1.2	15	48	13	5	103	5
38N2150W	.7	10	53	13	1	128	5
38N2175W	.5	15	77	12	1	111	10
38N2200W	1.5	29	71	11	4	98	40
38N2225W	1.3	25	66	16	1	108	5
38N2250W	.6	18	40	17	5	166	5
38N2275W	4.5	56	24	11	14	27	10
38N2300W	N/S						
38N2325W	.8	13	53	10	3	105	15
38N2350W	1.1	94	147	13	10	144	5
38N2375W	.1	1	66	10	1	86	5
38N2400W	1.7	18	30	12	1	100	5
38N2425W	1.5	18	32	15	1	118	5
38N2450W	1.3	27	40	13	1	115	5
38N2475W	1.8	26	33	18	2	80	5
38N2500W	N/S						
38N2525W	N/S						
38N2550W	1.1	14	36	11	1	114	5
38N2575W	1.2	31	30	13	1	102	5
38N2600W	1.5	20	40	13	4	92	5
38N2625W	.9	9	32	13	1	175	5
38N2650W	1.8	20	28	11	2	124	10
38N2675W	1.8	19	35	14	3	107	5
38N2700W	1.6	24	40	13	5	105	5
38N2725W	.3	14	21	10	1	79	5
38N2750W	1.1	6	21	10	1	139	5
38N2775W	1.3	11	25	15	1	167	5
38N2800W	1.3	9	20	12	3	107	5
38N2825W	1.6	25	38	14	1	81	10
38N2850W	.9	11	34	14	5	120	5
38N2875W	1.7	20	34	16	1	117	5
38N2900W	1.0	2	22	15	3	195	5
38N2925W	.4	152	64	41	1	127	5
38N2950W	.8	8	33	14	5	101	10
38N2975W	.4	21	87	14	1	90	5
38N3000W	1.1	7	27	15	1	150	5
38N3025W	1.6	21	35	14	5	117	5
38N3050W	1.2	12	45	13	1	100	5
38N3075W	.4	5	63	13	3	132	5
38N3100W	.8	2	41	12	1	127	5
38N3125W	1.0	1	34	10	4	79	5
38N3150W	1.4	11	20	14	4	100	25
38N3175W	1.4	9	30	13	5	98	5
38N3200W	1.5	10	32	12	1	57	5

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
38N3225W	N/S						
38N3250W	N/S						
38N3275W	1.0	1	35	14	1	75	5
38N3300W	1.1	11	60	12	4	93	10
38N3325W	1.6	10	45	12	4	72	5
38N3350W	1.2	22	28	12	4	80	5
38N3375W	1.4	1	34	8	1	56	5
38N3400W	.8	23	37	14	3	202	5
38N3425W	1.4	1	41	13	5	58	10
38N3450W	.3	5	49	7	1	67	10
38N3475W	N/S						
38N3500W	N/S						
39N2000W	2.0	24	34	17	4	82	5
39N2025W/40M	1.2	17	43	19	1	81	5
39N2050W	.6	8	43	19	1	142	5
39N2075W	1.3	4	28	13	1	74	5
39N2100W	.1	13	54	7	1	140	5
39N2125W	1.0	2	47	14	1	83	5
39N2150W	1.4	8	35	16	1	114	5
39N2175W	.8	6	39	14	1	106	5
39N2200W	.6	1	34	14	3	139	10
39N2225W	1.7	15	54	18	4	143	5
39N2250W	1.0	1	31	18	1	220	5
39N2275W	1.6	11	46	12	1	81	5
39N2300W	1.7	14	27	16	1	109	5
39N2325W	1.7	27	66	17	1	95	5
39N2350W	1.2	4	30	16	1	127	5
39N2375W	1.2	5	27	15	1	119	5
39N2400W	1.2	12	49	12	4	97	10
39N2425W	.8	21	33	17	1	83	10
39N2450W	1.1	8	24	12	1	79	5
39N2475W	1.2	18	25	14	1	82	5
39N2500W	2.0	23	30	14	3	77	5
39N2525W	1.9	17	18	13	1	111	10
39N2550W	.8	5	25	13	1	133	10
39N2575W	1.1	14	19	15	1	88	5
39N2600W	2.5	25	30	13	8	79	5
39N2625W	1.7	33	55	29	1	129	5
39N2650W	1.1	55	26	28	1	160	5
39N2675W	1.9	173	31	17	4	122	5
39N2700W	2.3	101	37	18	6	119	10
39N2725W	1.3	48	39	29	1	104	5
39N2750W	1.1	34	32	18	1	124	20
39N2775W	1.2	24	20	18	1	160	5
39N2800W	.8	20	27	21	2	176	10
39N2825W	2.0	48	30	26	5	162	5
39N2850W	1.8	26	24	24	5	135	5
39N2875W	1.6	32	35	20	3	148	120
39N2900W	1.2	38	41	26	1	189	10
39N2925W	1.4	73	94	57	4	182	30
39N2950W	.5	38	75	29	3	140	20
39N2975W	1.0	4	33	14	2	71	5
39N3000W	1.4	21	90	20	4	136	5
39N3025W	2.4	152	63	26	23	103	10
39N3050W	1.5	14	41	12	3	86	5
39N3075W	.5	1	32	9	2	69	5
39N3100W	.2	16	29	11	2	92	5
39N3125W	.3	1	63	14	1	117	10
39N3150W	.9	1	27	12	2	91	5
39N3175W	1.3	23	25	11	1	92	5

COMPANY: GOLD SUMMIT MINES
 PROJECT NO: GOLD SUMMIT
 ATTENTION: C. SAMPSON

MIN-EN LABS ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 DR (604)988-4524

(ACT:F31) PAGE 1 OF 1
 FILE NO: 8-1276/P25+26
 DATE: AUGUST 31, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
39N3200W	.2	1	38	13	1	104	5
39N3225W	.9	4	30	14	6	89	5
39N3250W	1.5	6	29	14	7	97	5
39N3275W	.3	13	76	9	1	89	10
39N3300W	1.3	1	30	16	1	77	5
39N3325W	1.1	15	101	13	4	71	5
39N3350W	1.1	17	61	10	5	62	5
39N3375W	.2	8	101	10	1	109	5
39N3400W40M	.3	6	75	6	1	99	5
39N3425W	1.9	1	38	12	1	92	5
39N3450W	1.0	21	47	8	5	91	10
39N3475W	.4	13	64	10	1	73	5
39N3500W	.1	14	53	12	1	71	5
40N2025W	.8	10	54	12	1	92	5
40N2050W	.8	3	32	16	1	97	10
40N2075W	1.8	28	47	15	4	78	5
40N2100W	1.3	6	43	12	3	71	5
40N2125W	1.2	6	27	14	4	110	5
40N2150W	1.3	6	35	15	5	84	5
40N2175W	.6	1	30	17	2	95	5
40N2200W	1.0	1	29	11	3	89	10
40N2225W	.8	2	29	12	2	88	5
40N2250W	1.5	14	22	14	5	109	5
40N2275W	1.1	3	27	15	2	91	5
40N2300W	1.1	8	36	14	5	93	5
40N2325W	.6	1	27	19	5	153	5
40N2350W	.9	5	30	14	7	94	70
40N2375W	1.0	7	41	15	1	95	5
40N2400W	1.0	15	26	14	5	83	5
40N2425W	1.7	17	48	17	1	123	10
40N2450W	.2	1	34	15	1	164	5
40N2475W	.3	18	29	14	6	125	5
40N2500W	.3	1	46	12	1	99	5
40N2525W	1.4	18	26	22	1	150	10
40N2550W	1.3	18	30	19	1	129	2470
40N2575W	1.5	30	33	16	5	129	10
40N2600W	1.1	52	38	15	1	126	5
40N2625W	1.0	21	36	14	1	142	20
40N2650W	.8	38	27	18	4	167	50
40N2675W	2.2	35	43	18	3	92	5
40N2700W	1.4	23	19	34	1	105	10
40N2725W	1.3	14	58	19	1	88	5
40N2750W	1.6	26	19	20	5	95	5
40N2775W	1.5	23	24	18	7	111	10
40N2800W	1.4	16	29	17	2	97	5
40N2825W	.2	1	31	22	5	131	5
40N2850W	.3	1	59	8	12	76	5
40N2875W	2.0	31	37	19	2	203	10
40N2900W	1.4	6	47	15	1	144	5
40N2925W	.8	2	52	18	5	159	5
40N2950W	.3	21	52	8	7	100	5
40N2975W	.4	3	51	15	3	117	5
40N3000W	1.2	39	93	19	12	124	5
40N3025W	N/S						
40N3050W	1.2	25	49	10	1	105	5
40N3075W	.3	25	46	7	1	115	10
40N3100W	.2	27	38	10	7	117	5
40N3125W	.3	24	40	9	1	125	5
40N3150W	N/S						
40N3175W	N/S						

COMPANY: GOLD SUMMIT MINES

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

PROJECT NO: GOLD SUMMIT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: B-1276/P27

ATTENTION: C. SAMPSON

(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM *

DATE: AUGUST 31, 1988

(PPM) 40N3200W 40N3225W 40N3250W 40N3275W

AG	.8	.6	1.1	1.1
AS	16	31	24	22
CU	31	38	63	55
PB	10	11	14	10
SB	5	1	1	1

ZN	134	142	91	89
AU-PPB	5	160	5	5

MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

775 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604)980-5814 OR (604)988-4524

STATISTICAL SUMMARY ON AG

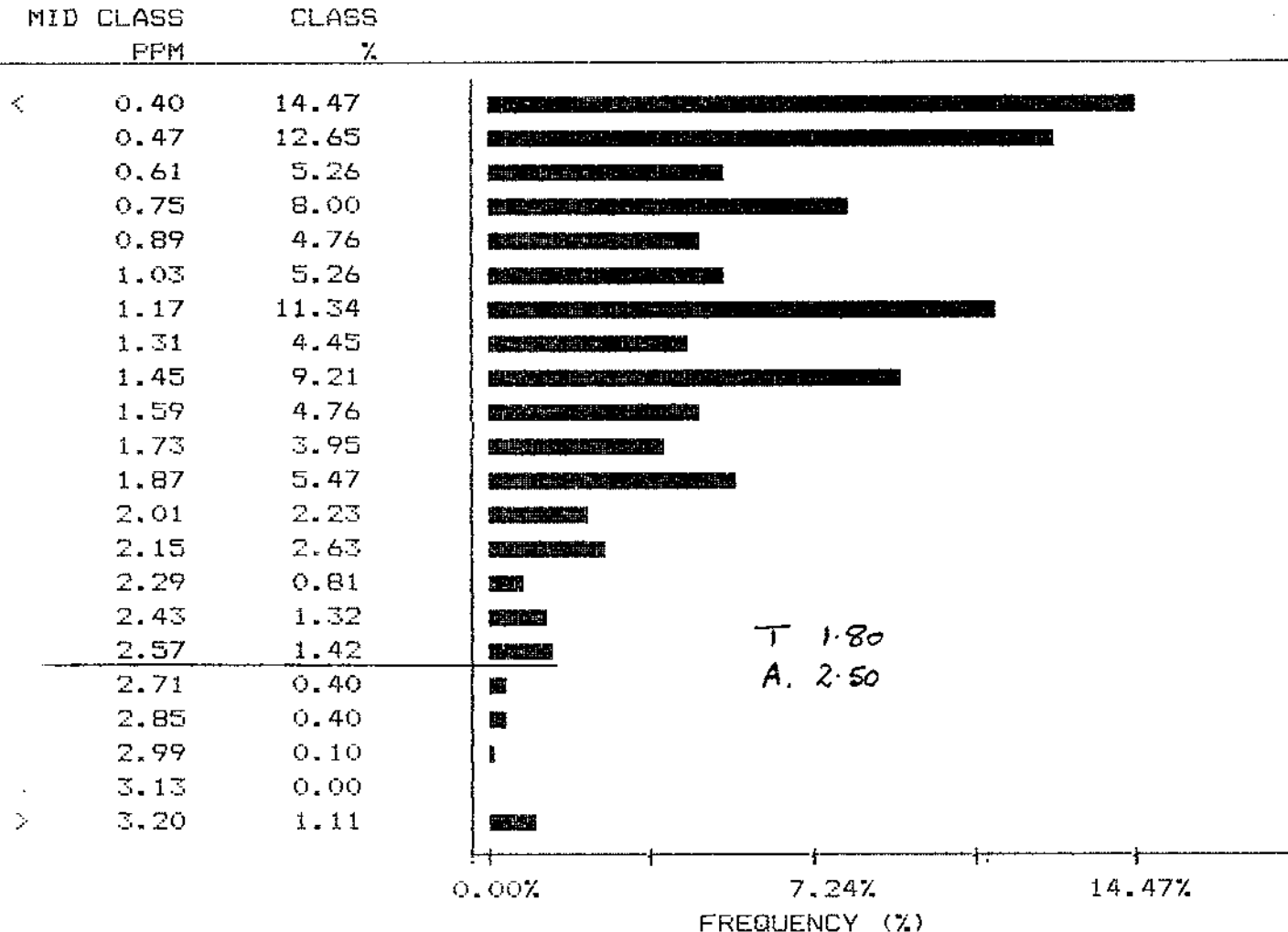
COMPANY: GOLD SUMMIT MINES
 ATTN: C. SAMPSON
 PROJECT: GOLD SUMMIT
 FILE#: 8-1144 & 8-1276

DATE: SEPTEMBER 8, 198
 SAMPLE TYPE: SOIL
 ANALYSIS TYPE: GEOCHEM

NUMBER OF SAMPLES: 988
 MAXIMUM VALUE: 7.3 PPM
 MINIMUM VALUE: 0.1 PPM
 MEAN: 1.1 PPM
 STD. DEVIATION: 0.7 PPM
 COEFF. OF VARIATION: 0.7

5 HIGHEST AG VALUES:
 19N1875W 7.3 PPM
 21N2150W 4.6 PPM
 38N2275W 4.5 PPM
 L20N2225W 4.1 PPM
 15N1750W 3.9 PPM

HISTOGRAM FOR AG CLASS INTERVAL = 0.14



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

775 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON AG

COMPANY: GOLD SUMMIT MINES

DATE: SEPTEMBER 8, 198

ATTN: C. SAMPSON

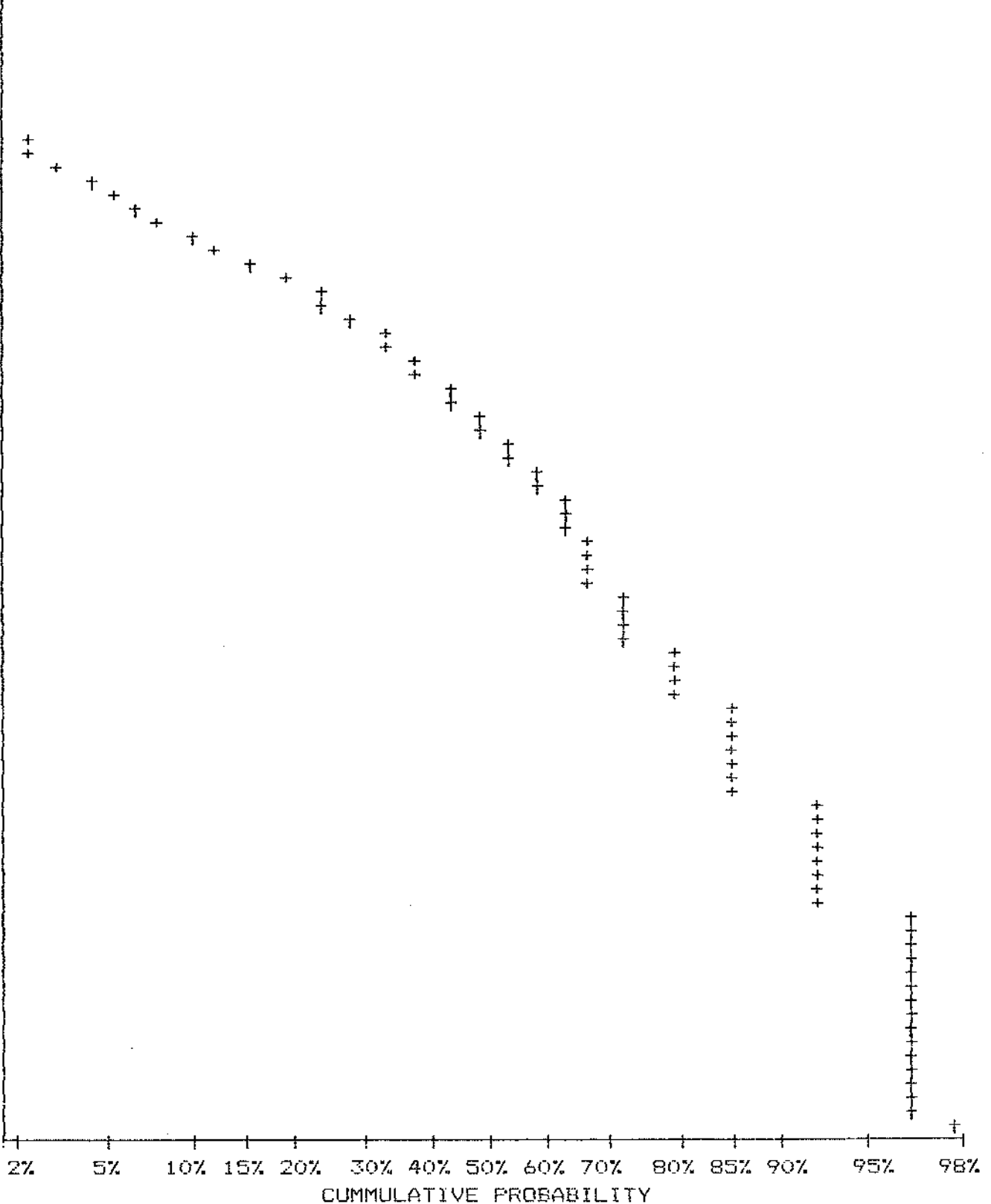
SAMPLE TYPE: SOIL

PROJECT: GOLD SUMMIT

ANALYSIS TYPE: GEOCHEM

FILE#: 8-1144 & 8-1276

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
3.06	1.11
2.79	1.62
2.54	2.63
2.32	4.76
2.11	6.78
1.92	10.43
1.75	15.89
1.60	24.60
1.46	28.54
1.33	33.81
1.21	38.26
1.11	44.43
1.01	49.60
0.92	54.86
0.84	59.62
0.76	63.36
0.70	67.61
0.63	67.61
0.58	72.87
0.53	72.87
0.48	79.35
0.44	79.35
0.40	85.53
0.36	85.53
0.33	85.53
0.30	85.53
0.28	92.11
0.25	92.11
0.23	92.11
0.21	92.11
0.19	96.56
0.17	96.56
0.16	96.56
0.14	96.56
0.13	96.56
0.12	96.56
0.11	96.56
0.10	97.98



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

775 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604)980-5814 OR (604)988-4524

STATISTICAL SUMMARY ON AS

COMPANY: GOLD SUMMIT MINES
 ATTN: C. SAMPSON
 PROJECT: GOLD SUMMIT
 FILE#: 8-1144 & 8-1276

DATE: SEPTEMBER 8, 198
 SAMPLE TYPE: SOIL
 ANALYSIS TYPE: GEOCHEM

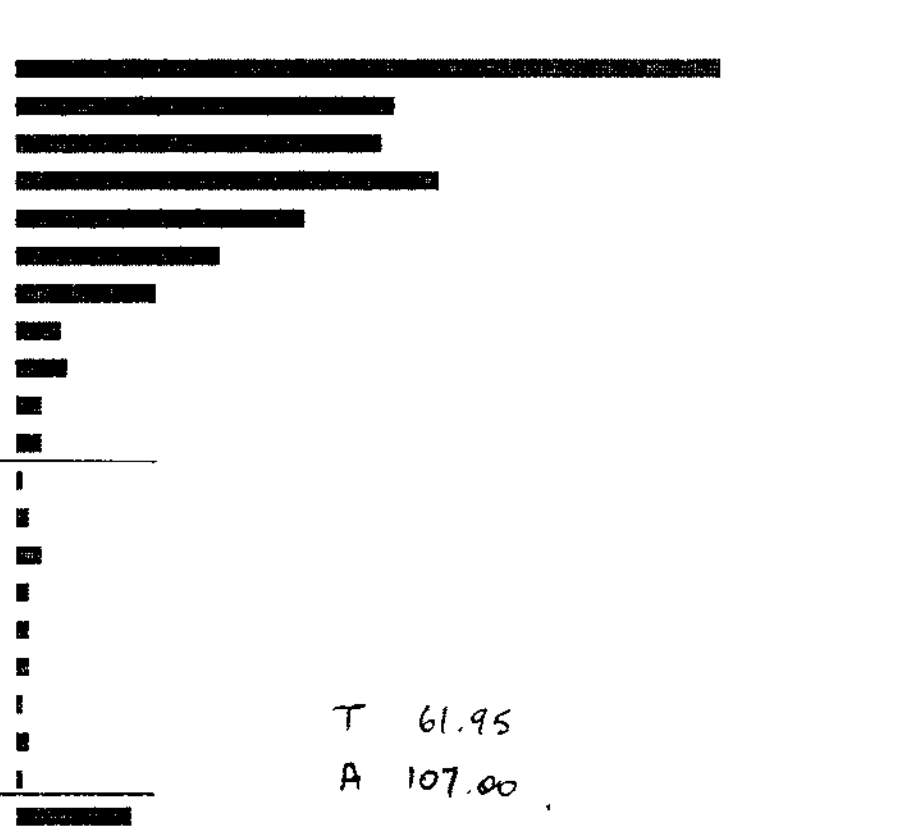
NUMBER OF SAMPLES: 988
 MAXIMUM VALUE: 11840.0 PPM
 MINIMUM VALUE: 1.0 PPM
 MEAN: 40.3 PPM
 STD. DEVIATION: 384.7 PPM
 COEFF. OF VARIATION: 9.5

5 HIGHEST AS VALUES:
 20N1B25W 11840.0 PPM
 L14N2125W 2190.0 PPM
 19N2000W 545.0 PPM
 19N1875W 531.0 PPM
 21N2025W 505.0 PPM

HISTOGRAM FOR AS CLASS INTERVAL = 5.30

MID CLASS CLASS
 PPM %

<	1.00	0.10
	3.65	24.49
	8.95	13.16
	14.25	12.65
	19.55	14.68
	24.85	9.92
	30.15	7.09
	35.45	4.86
	40.75	1.62
	46.05	1.72
	51.35	0.91
	56.65	0.91
	61.95	0.30
	67.25	0.40
	72.55	0.81
	77.85	0.40
	83.15	0.40
	88.45	0.51
	93.75	0.20
	99.05	0.51
	104.35	0.30
>	107.00	4.05



T 61.95
 A 107.00

FREQUENCY (%)

MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

775 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON AS

COMPANY: GOLD SUMMIT MINES

DATE: SEPTEMBER 8, 198

ATTN: C. SAMPSON

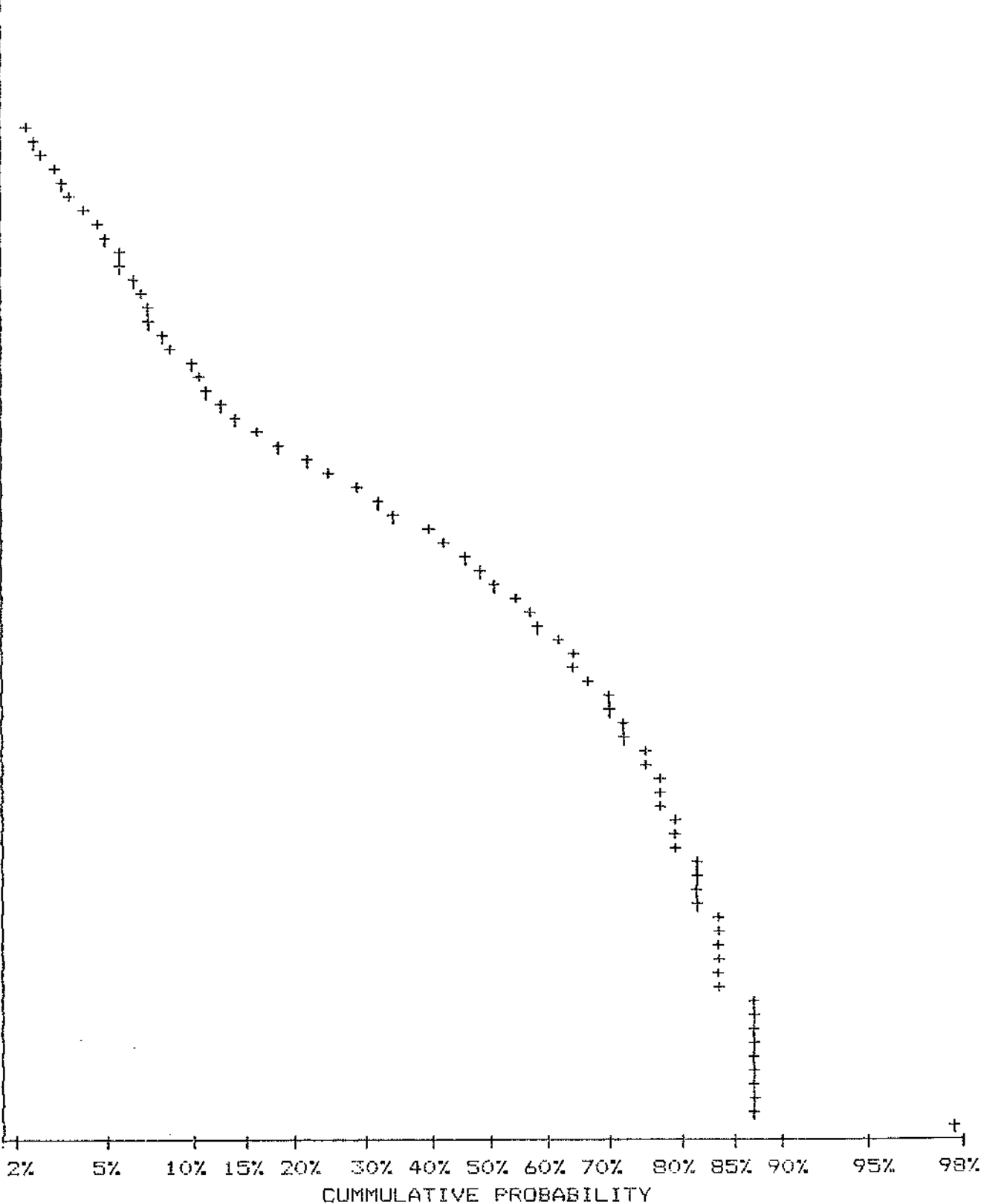
SAMPLE TYPE: SOIL

PROJECT: GOLD SUMMIT

ANALYSIS TYPE: GEOCHEM

FILE#: 8-1144 & 8-1276

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
181.76	1.32
157.92	2.23
137.20	2.94
119.21	3.74
103.57	4.35
89.98	5.16
78.18	6.17
67.92	7.49
59.01	7.89
51.27	9.11
44.55	10.83
38.70	13.06
33.63	16.90
29.22	22.06
25.38	29.05
22.05	34.92
19.16	42.81
16.65	49.60
14.46	55.26
12.57	59.92
10.92	64.98
9.49	67.71
8.24	70.34
7.16	72.77
6.22	75.40
5.41	77.23
4.70	79.35
4.08	79.35
3.54	82.09
3.08	82.09
2.68	84.01
2.32	84.01
2.02	84.01
1.75	87.35
1.52	87.35
1.32	87.35
1.15	87.35
1.00	97.98



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SPECIALISTS IN MINERAL ENVIRONMENTS

775 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604) 980-5814 OR (604) 988-4524

STATISTICAL SUMMARY ON CU

COMPANY: GOLD SUMMIT MINES

DATE: SEPTEMBER 8, 198

ATTN: C. SAMPSON

SAMPLE TYPE: SOIL

PROJECT: GOLD SUMMIT

ANALYSIS TYPE: GEOCHEM

FILE#: 8-1144 & 8-1276

NUMBER OF SAMPLES: 988
 MAXIMUM VALUE: 242.0 PPM
 MINIMUM VALUE: 3.0 PPM
 MEAN: 58.1 PPM
 STD. DEVIATION: 35.8 PPM
 COEFF. OF VARIATION: 0.6

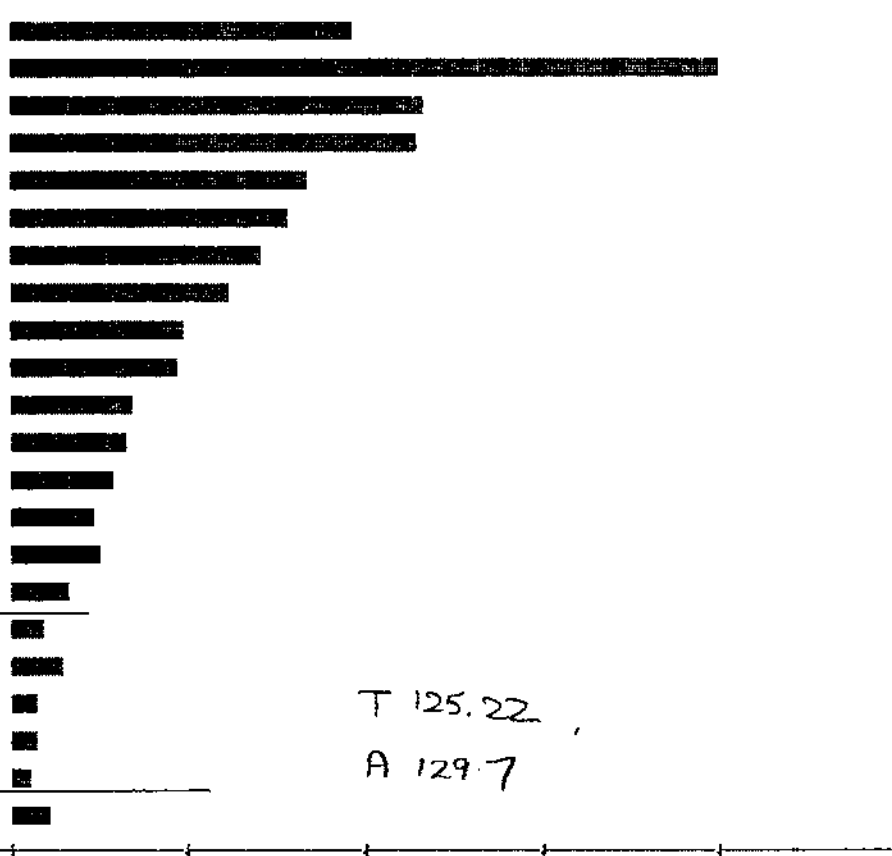
5 HIGHEST CU VALUES:
 L15N2175W 242.0 PPM
 18N1325W 231.0 PPM
 36N2000W 212.0 PPM
 L14N2125W 208.0 PPM
 19N2325W 206.0 PPM

HISTOGRAM FOR CU

CLASS INTERVAL = 7.05

MID CLASS	CLASS
PPM	%

<	23.00	8.50
	26.52	17.61
	33.57	10.32
	40.62	10.12
	47.67	7.29
	54.72	6.88
	61.77	6.28
	68.82	5.36
	75.87	4.35
	82.92	4.15
	89.97	3.04
	97.02	2.94
	104.07	2.63
	111.12	2.13
	118.17	2.23
	125.22	1.42
	132.27	0.81
	139.32	1.21
	146.37	0.61
	153.42	0.61
	160.47	0.51
>	164.00	1.01



0.00%

8.81%

17.61%

FREQUENCY (%)

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SPECIALISTS IN MINERAL ENVIRONMENTS

775 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604) 980-5814 OR (604) 988-4524

CUMMULATIVE PROBABILITY PLOT ON CU

COMPANY: GOLD SUMMIT MINES

DATE: SEPTEMBER 8, 198

ATTN: C. SAMPSON

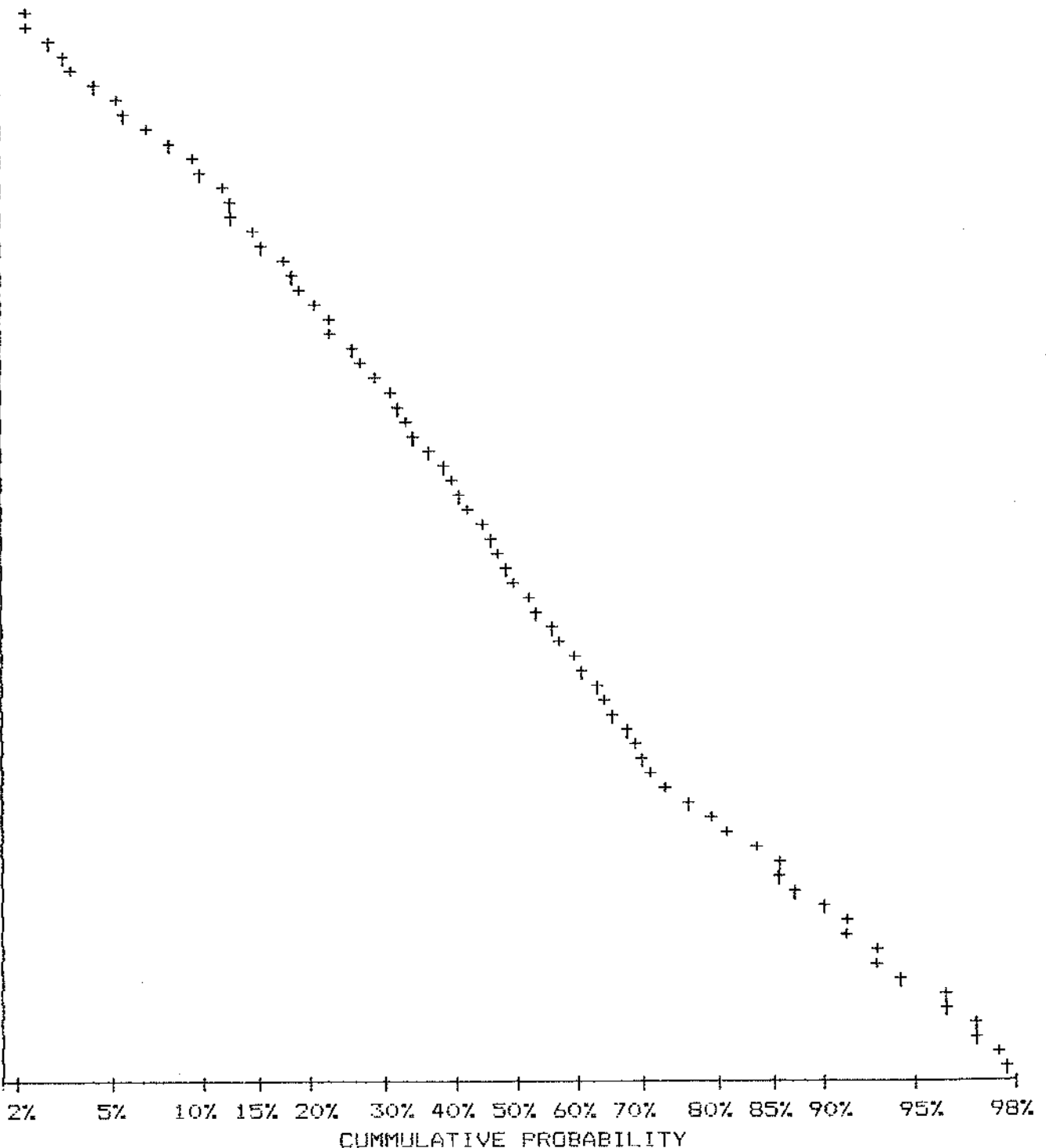
SAMPLE TYPE: SOIL

PROJECT: GOLD SUMMIT

ANALYSIS TYPE: GEOCHEM

FILE#: 8-1144 & 8-1276

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
159.12	1.52
149.78	2.13
141.00	3.24
132.73	4.05
124.94	5.67
117.62	7.49
110.72	9.72
104.22	12.15
98.11	13.46
92.36	16.30
86.94	19.13
81.84	21.86
77.04	23.89
72.52	27.63
68.27	31.17
64.26	33.91
60.49	37.75
56.95	40.79
53.61	43.72
50.46	47.06
47.50	49.60
44.72	53.44
42.09	56.48
39.62	60.43
37.30	63.56
35.11	66.60
33.05	69.03
31.11	71.96
29.29	76.92
27.57	81.17
25.95	85.93
24.43	87.55
23.00	91.50
21.65	93.12
20.38	94.23
19.18	96.05
18.06	96.86
17.00	97.98



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SPECIALISTS IN MINERAL ENVIRONMENTS

775 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604)980-5814 OR (604)988-4524

STATISTICAL SUMMARY ON PB

COMPANY: GOLD SUMMIT MINES

DATE: SEPTEMBER 8, 198

ATTN: C. SAMPSON

SAMPLE TYPE: SOIL

PROJECT: GOLD SUMMIT

ANALYSIS TYPE: GEOCHEM

FILE#: 8-1144 & 8-1276

NUMBER OF SAMPLES: 988
 MAXIMUM VALUE: 2535.0 PPM
 MINIMUM VALUE: 1.0 PPM
 MEAN: 21.9 PPM
 STD. DEVIATION: 82.3 PPM
 COEFF. OF VARIATION: 3.8

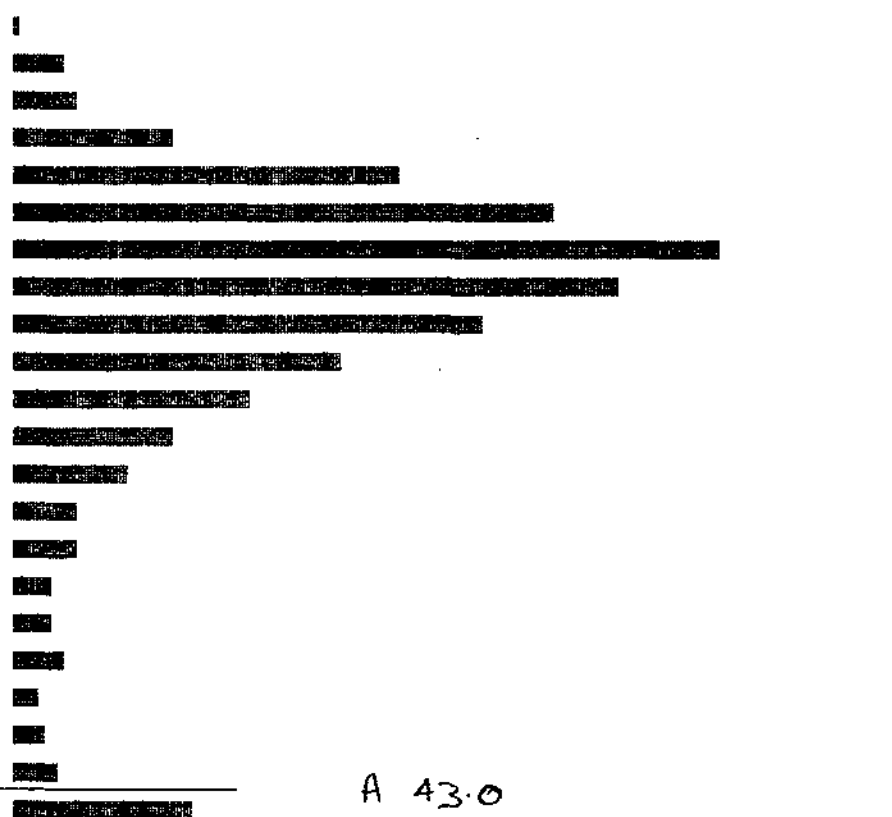
5 HIGHEST PB VALUES:
 20N1825W 2535.0 PPM
 L14N2125W 324.0 PPM
 19N1875W 226.0 PPM
 L20N2175W 197.0 PPM
 22N1725W 182.0 PPM

HISTOGRAM FOR PB

CLASS INTERVAL = 2.05

MID CLASS	CLASS
PPM	%

<	2.00	0.20
	3.02	1.11
	5.07	1.42
	7.12	3.74
	9.17	8.81
	11.22	12.35
	13.27	16.19
	15.32	13.87
	17.37	10.73
	19.42	7.49
	21.47	5.47
	23.52	3.64
	25.57	2.63
	27.62	1.52
	29.67	1.42
	31.72	0.91
	33.77	0.81
	35.82	1.21
	37.87	0.61
	39.92	0.71
	41.97	1.01
>	43.00	4.15



A 43.0

0.00% 8.10% 16.19%
 FREQUENCY (%)

MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

775 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON PB

COMPANY: GOLD SUMMIT MINES

DATE: SEPTEMBER 8, 198

ATTN: C. SAMPSON

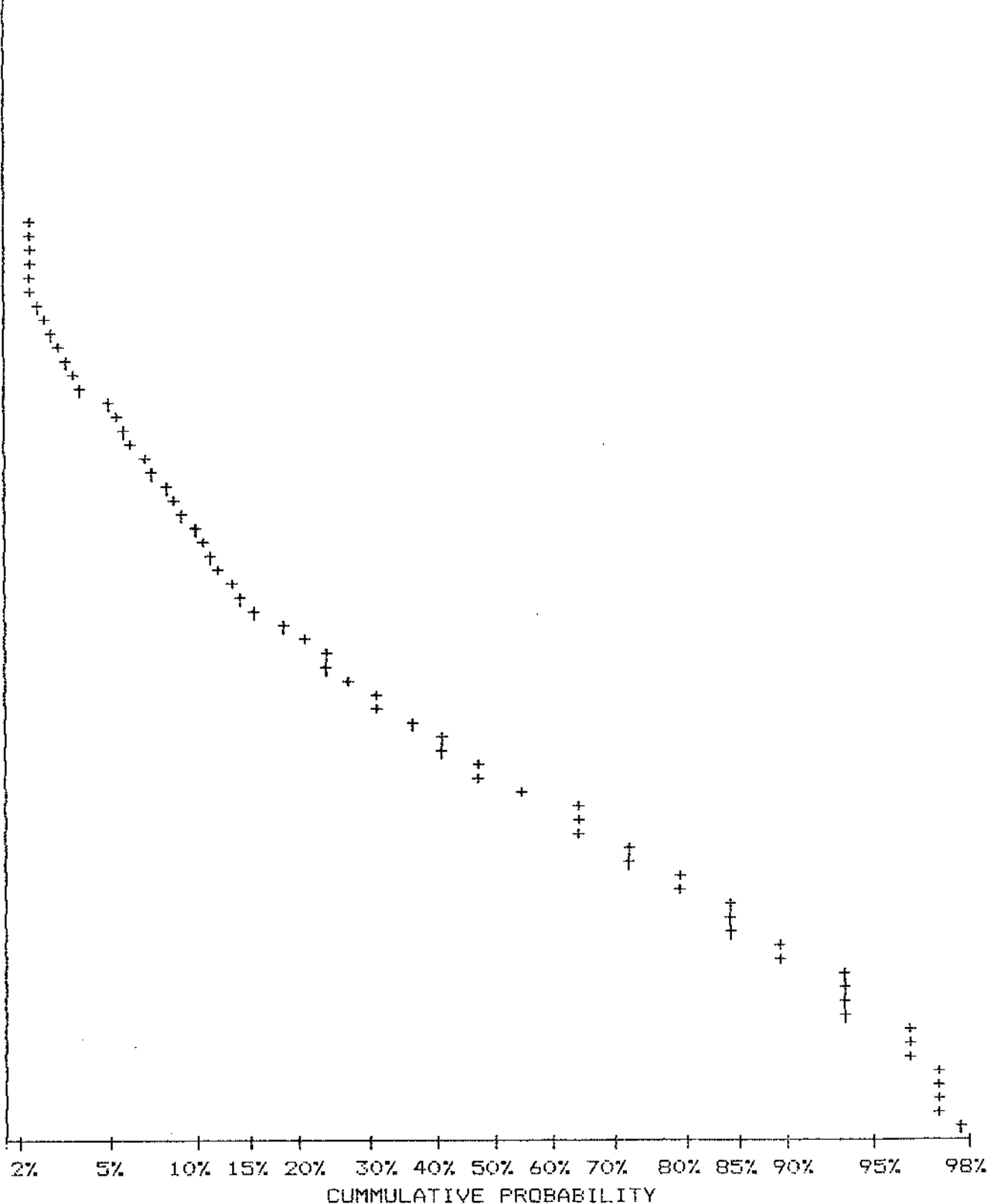
SAMPLE TYPE: SOIL

PROJECT: GOLD SUMMIT

ANALYSIS TYPE: GEOCHEM

FILE#: 8-1144 & 8-1276

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
91.56	1.01
85.06	1.32
79.02	1.42
73.41	1.62
68.20	1.92
63.36	2.02
58.86	2.33
54.68	2.63
50.79	3.04
47.19	3.44
43.84	3.95
40.72	5.16
37.83	6.07
35.15	7.19
32.65	8.50
30.33	9.41
28.18	10.83
26.18	12.35
24.32	14.98
22.59	18.62
20.99	24.09
19.50	27.53
18.11	31.58
16.83	42.31
15.63	47.98
14.52	56.17
13.49	64.47
12.53	72.37
11.64	79.55
10.82	84.72
10.05	84.72
9.33	89.68
8.67	93.52
8.06	93.52
7.48	96.26
6.95	97.27
6.46	97.27
6.00	97.98



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SPECIALISTS IN MINERAL ENVIRONMENTS

775 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON SB

COMPANY: GOLD SUMMIT MINES

DATE: SEPTEMBER 8, 198

ATTN: C. SAMPSON

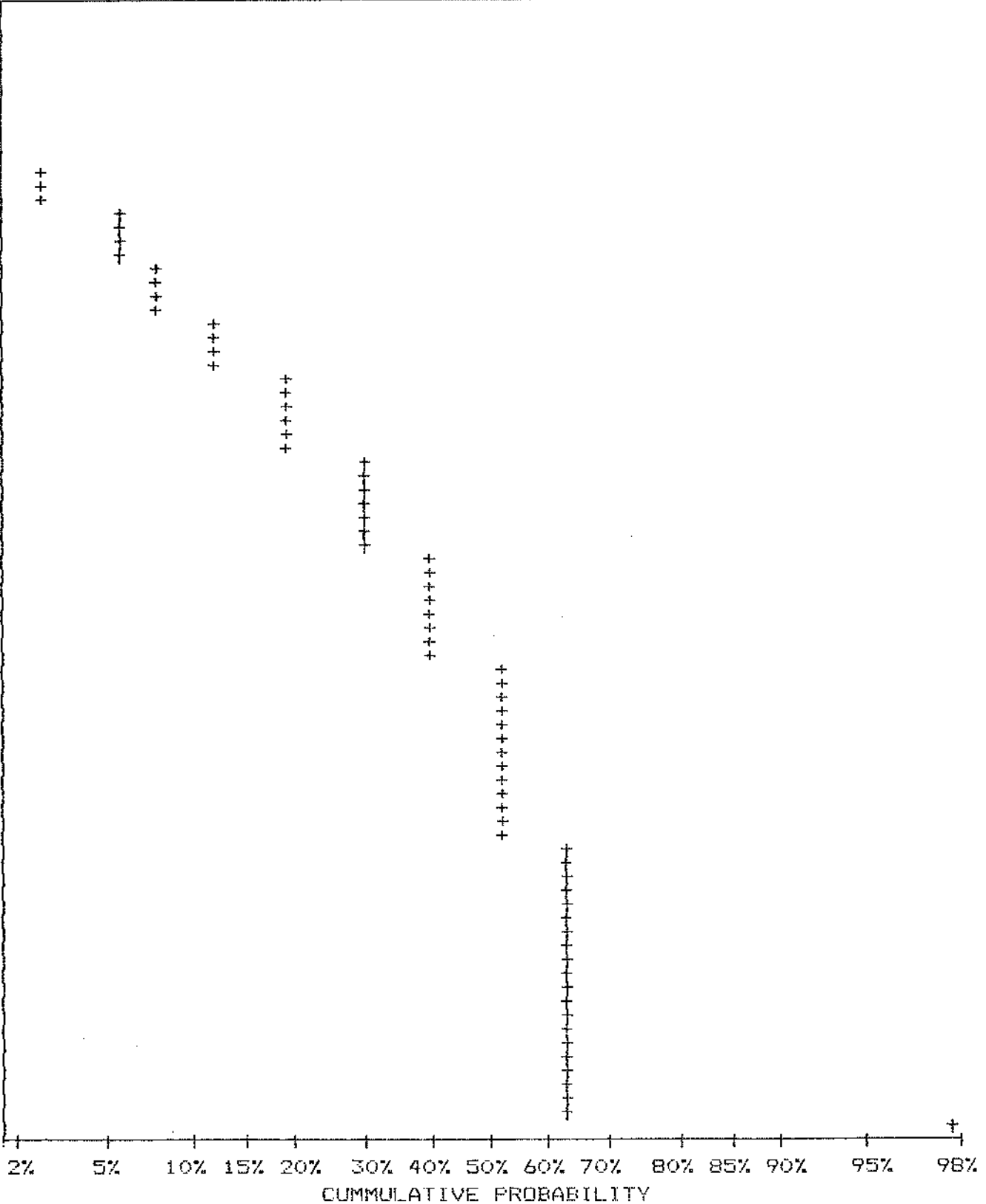
SAMPLE TYPE: SOIL

PROJECT: GOLD SUMMIT

ANALYSIS TYPE: GEOCHEM

FILE#: 8-1144 & 8-1276

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
11.61	1.42
10.86	1.62
10.17	1.62
9.52	3.14
8.91	6.07
8.33	6.07
7.80	8.10
7.30	8.10
6.83	12.45
6.39	12.45
5.98	19.53
5.60	19.53
5.24	19.53
4.91	30.16
4.59	30.16
4.30	30.16
4.02	30.16
3.76	40.99
3.52	40.99
3.30	40.99
3.08	40.99
2.89	52.63
2.70	52.63
2.53	52.63
2.37	52.63
2.21	52.63
2.07	52.63
1.94	64.07
1.82	64.07
1.70	64.07
1.59	64.07
1.49	64.07
1.39	64.07
1.30	64.07
1.22	64.07
1.14	64.07
1.07	64.07
1.00	97.98



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SPECIALISTS IN MINERAL ENVIRONMENTS

775 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604) 980-5814 OR (604) 988-4524

STATISTICAL SUMMARY ON ZN

COMPANY: GOLD SUMMIT MINES

DATE: SEPTEMBER 8, 198

ATTN: C. SAMPSON

SAMPLE TYPE: SOIL

PROJECT: GOLD SUMMIT

ANALYSIS TYPE: GEOCHEM

FILE#: 8-1144 & 8-1276

NUMBER OF SAMPLES: 988
 MAXIMUM VALUE: 3468.0 PPM
 MINIMUM VALUE: 26.0 PPM
 MEAN: 159.9 PPM
 STD. DEVIATION: 172.3 PPM
 COEFF. OF VARIATION: 1.1

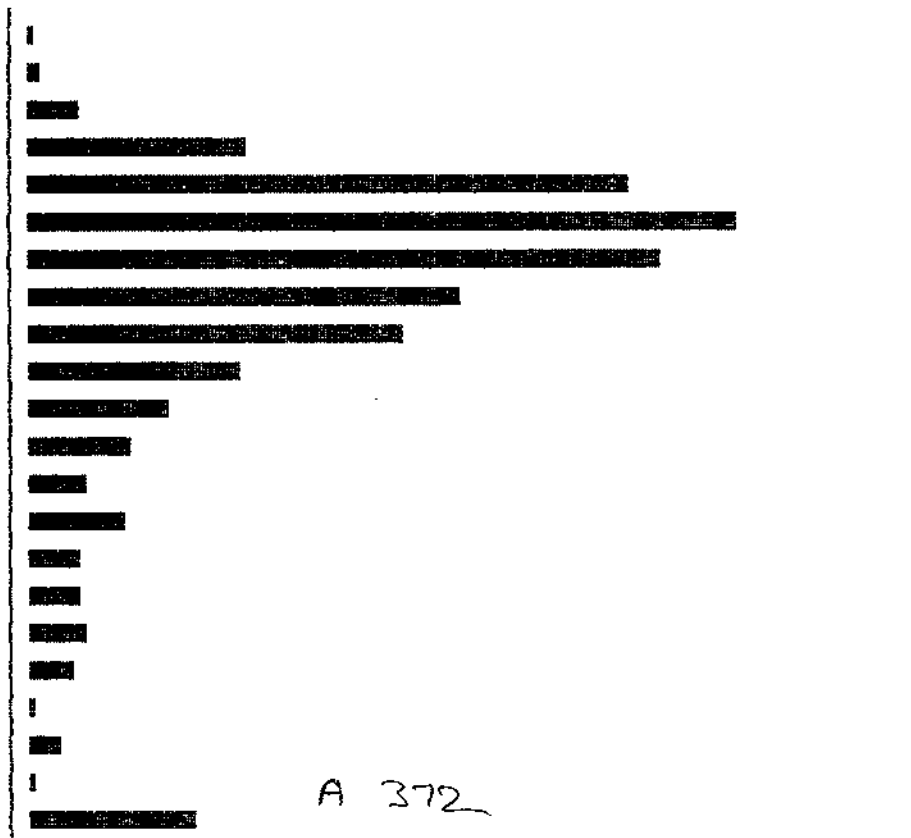
5 HIGHEST ZN VALUES:
 L14N2125W 3468.0 PPM
 20N1825W 3009.0 PPM
 22N2000W 1139.0 PPM
 L13N2275W 936.0 PPM
 19N2000W 877.0 PPM

HISTOGRAM FOR ZN

CLASS INTERVAL = 17.25

MID CLASS	CLASS
PPM	%

<	27.00	0.20
	35.63	0.30
	52.87	1.32
	70.12	5.36
	87.37	14.68
	104.62	17.41
	121.88	15.49
	139.12	10.63
	156.37	9.11
	173.62	5.16
	190.87	3.54
	208.12	2.53
	225.37	1.42
	242.62	2.43
	259.87	1.32
	277.12	1.32
	294.37	1.42
	311.62	1.11
	328.87	0.20
	346.12	0.81
	363.37	0.20
>	372.00	4.05



A 372

0.00% 8.70% 17.41%
 FREQUENCY (%)

MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

775 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON ZN

COMPANY: GOLD SUMMIT MINES

DATE: SEPTEMBER 8, 198

ATTN: C. SAMPSON

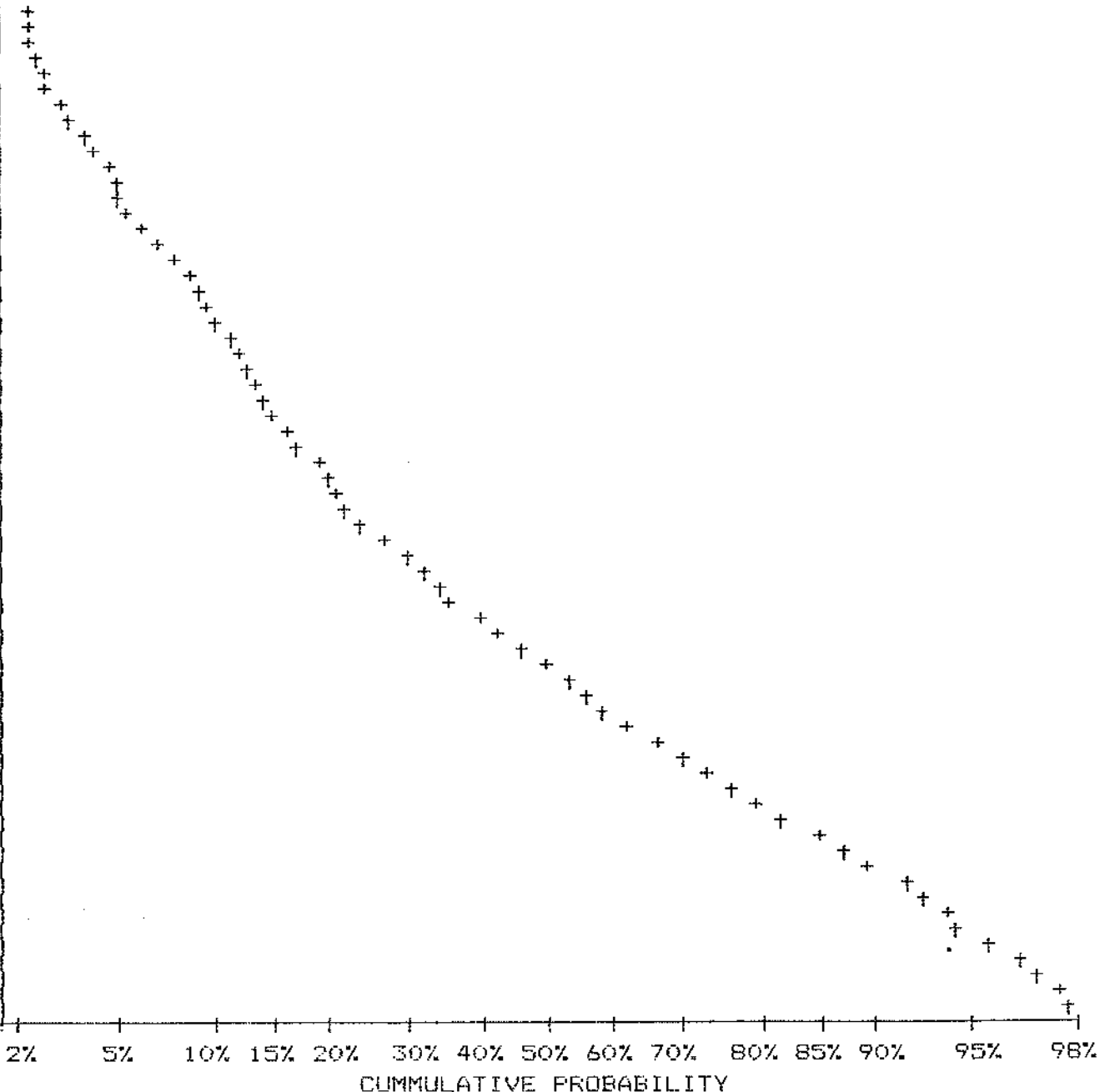
SAMPLE TYPE: SOIL

PROJECT: GOLD SUMMIT

ANALYSIS TYPE: GEOCHEM

FILE#: 8-1144 & 8-1276

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
639.65	1.01
600.81	1.01
564.33	1.32
530.06	1.32
497.87	1.62
467.64	2.13
439.25	2.33
412.58	2.94
387.52	3.54
363.99	4.15
341.89	4.86
321.13	5.26
301.63	6.48
283.32	8.20
266.11	9.21
249.95	10.43
234.78	12.65
220.52	13.77
207.13	15.38
194.55	17.61
182.74	20.34
171.64	22.98
161.22	27.33
151.43	32.89
142.24	36.54
133.60	42.71
125.49	50.20
117.87	57.49
110.71	62.85
103.99	70.75
97.67	76.01
91.74	81.98
86.17	87.35
80.94	91.70
76.03	93.83
71.41	95.55
67.07	96.96
63.00	97.98



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

775 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604)980-5814 OR (604)988-4524

STATISTICAL SUMMARY ON AU

COMPANY: GOLD SUMMIT MINES

DATE: SEPTEMBER 8, 198

ATTN: C. SAMPSON

SAMPLE TYPE: SOIL

PROJECT: GOLD SUMMIT

ANALYSIS TYPE: GEOCHEM

FILE#: 8-1144 & 8-1276

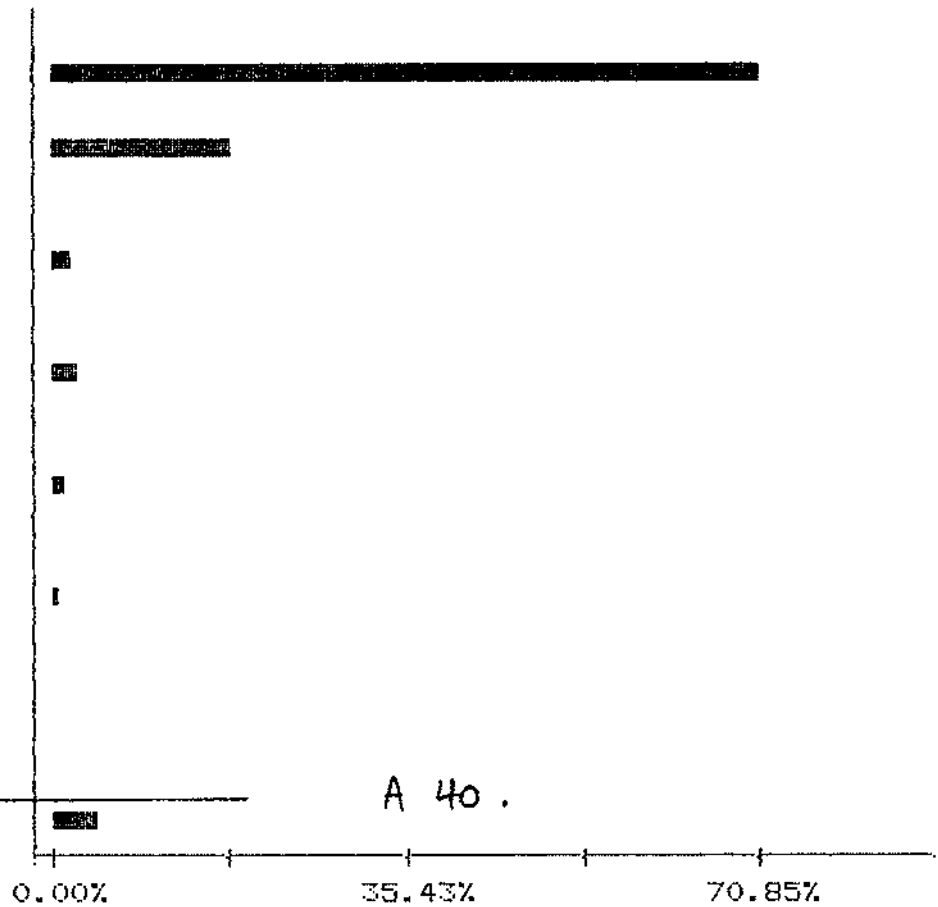
NUMBER OF SAMPLES: 988
 MAXIMUM VALUE: 2470.0 PPB
 MINIMUM VALUE: 5.0 PPB
 MEAN: 15.9 PPB
 STD. DEVIATION: 103.1 PPB
 COEFF. OF VARIATION: 6.5

5 HIGHEST AU VALUES:
 40N2550W 2470.0 PPB
 20N1825W 1850.0 PPB
 L14N2125W 650.0 PPB
 22N2200W 550.0 PPB
 21N2025W 260.0 PPB

HISTOGRAM FOR AU

CLASS INTERVAL = 1.75

MID CLASS	CLASS
PPB	%
< 5.00	0.10
5.88	70.85
7.63	0.00
9.38	18.32
11.12	0.00
12.87	0.00
14.62	1.92
16.37	0.00
18.13	0.00
19.87	2.53
21.62	0.00
23.37	0.00
25.12	1.11
26.88	0.00
28.62	0.00
30.37	0.71
32.12	0.00
33.87	0.00
35.63	0.10
37.37	0.00
39.12	0.00
> 40.00	4.35



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SPECIALISTS IN MINERAL ENVIRONMENTS

775 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON AU

COMPANY: GOLD SUMMIT MINES

DATE: SEPTEMBER 8, 198

ATTN: C. SAMPSON

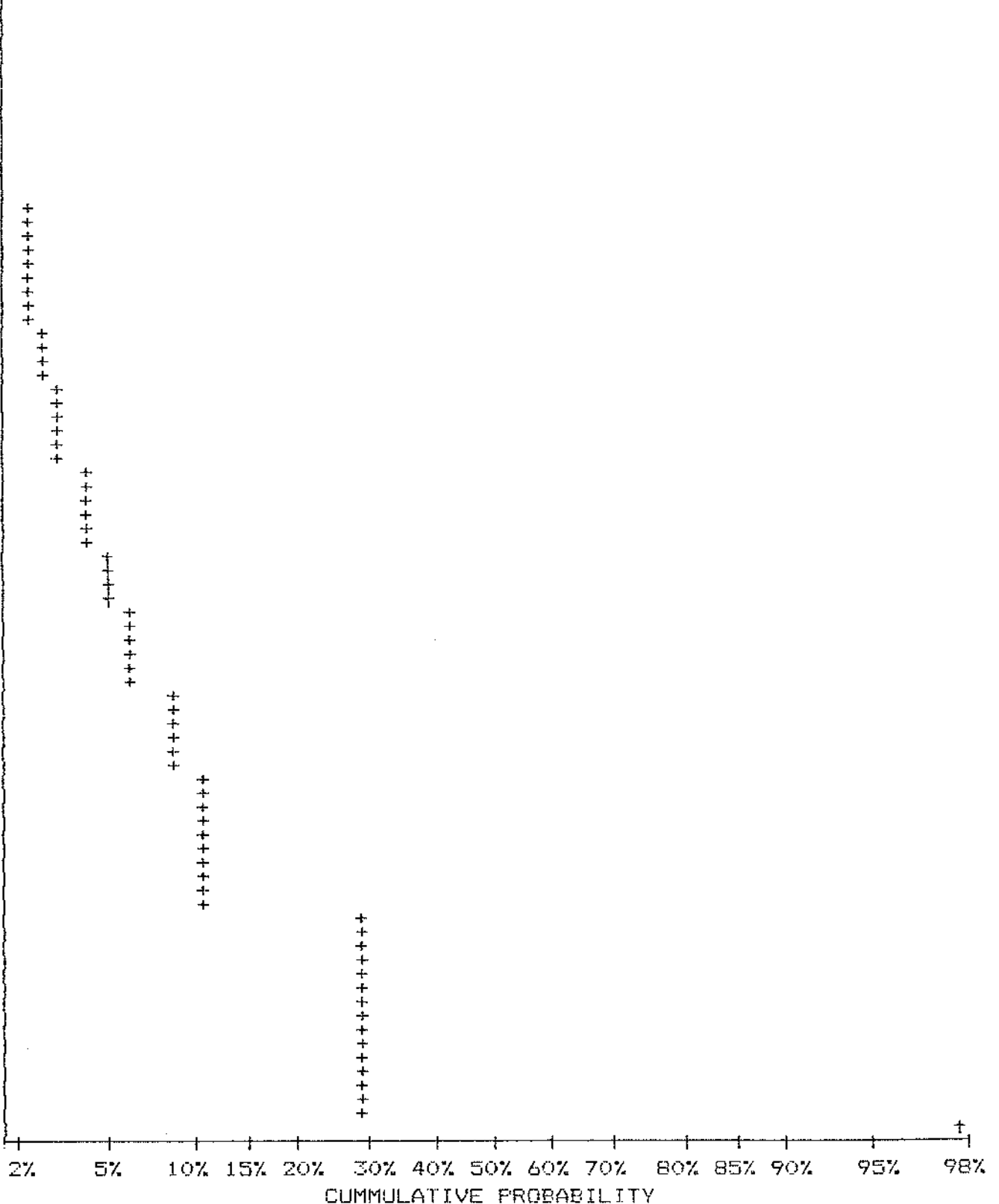
SAMPLE TYPE: SOIL

PROJECT: GOLD SUMMIT

ANALYSIS TYPE: GEOCHEM

FILE#: 8-1144 & 8-1276

UPPER LIMIT (PPB)	CUMMUL. FREQ. (%)
124.47	1.11
114.12	1.42
104.62	1.52
95.91	1.82
87.93	2.02
80.61	2.02
73.91	2.23
67.76	2.43
62.12	2.53
56.95	2.94
52.21	3.04
47.87	3.54
43.88	3.54
40.23	3.54
36.88	4.35
33.81	4.45
31.00	4.45
28.42	5.16
26.05	5.16
23.89	6.28
21.90	6.28
20.08	6.28
18.41	8.81
16.87	8.81
15.47	8.81
14.18	10.73
13.00	10.73
11.92	10.73
10.93	10.73
10.02	10.73
9.19	29.05
8.42	29.05
7.72	29.05
7.08	29.05
6.49	29.05
5.95	29.05
5.45	29.05
5.00	97.98



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

775 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604)980-5814 DR (604)988-4524

CORRELATION COEFFICIENTS

COMPANY: GOLD SUMMIT MINES

DATE: SEPTEMBER 8, 198

ATTN: C. SAMFSON

SAMPLE TYPE: SOIL

PROJECT: GOLD SUMMIT

ANALYSIS TYPE: GEOCHEM

FILE#: 8-1144 & 8-1276

THE TABLE BELOW REPRESENTS THE PEARSON CORRELATION MATRIX SHOWING THE INTER-ELEMENT CORRELATION COEFFICIENTS. THOSE VALUES THAT EXCEED THEIR CRITICAL VALUE FOR .01 LEVEL OF SIGNIFICANCE ARE SHOWN IN DARKER PRINT AND UNDERLINED.

	AG	AS	CU	PB	SB	ZN	AU
AG	1.00	<u>0.14</u>	<u>-0.21</u>	<u>0.15</u>	<u>0.11</u>	0.00	<u>0.08</u>
AS		1.00	<u>0.12</u>	<u>0.99</u>	-0.01	<u>0.65</u>	<u>0.60</u>
CU			1.00	<u>0.14</u>	<u>0.17</u>	<u>0.30</u>	<u>0.08</u>
PB				1.00	0.01	<u>0.63</u>	<u>0.59</u>
SB					1.00	-0.01	-0.03
ZN						1.00	<u>0.46</u>
AU							1.00

COMPANY: GOLD SUMMIT MINES
PROJECT NO: GOLD SUMMIT
ATTENTION: C.SAMPSON

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

(ACT:F31) PAGE 1 OF 1
FILE NO: 8-1317
* TYPE SOIL GEOCHEM * DATE: AUGUST 29, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
ES01	.7	9	40	21	3	207	5
ES02	.8	7	30	17	3	91	5
ES03	1.1	24	23	17	4	102	5
ES04	.7	11	29	16	1	79	5
ES05	.7	28	32	18	3	204	5
ES06	.7	13	38	18	3	101	10
ES07	1.0	20	40	17	1	97	5
ES08	.6	3	30	16	1	79	5
ES09	.8	6	46	16	3	123	5
ES10	.7	12	37	12	1	80	10
ES11	.8	4	44	21	2	129	5
ES12	.7	18	35	17	1	134	5
ES13	1.1	9	49	20	7	118	5
ES14	1.0	7	51	17	2	129	5
ES15	.8	19	27	20	5	146	5



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 760 1067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of ASSAY

Company: GOLD SUMMIT MINES
Project: GOLD SUMMIT
Attention: C. SAMPSON

File: 8-1317/P1
Date: AUG. 27/88
Type: ROCK ASSAY

I hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
37407	60.50	1.765

Certified by

MIN-EN LABORATORIES LTD.

COMPANY: GOLD SUMMIT MINES

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

PROJECT NO: SUMMIT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1544/P1

ATTENTION: C. SAMPSON

(604)980-5814 OR (604)988-4524

* TYPE ROCK GEOCHEM *

DATE: SEPTEMBER 20, 1988

(PPM)	15571	15572	15573	15574	15575	15576
AS	.7	.4	.5	.3	.6	1.2
AG	8	5	3	13	17	2455
CU	65	93	5	13	33	36
PB	46	17	13	6	9	1032
SE	1	1	1	2	1	34
ZN	54	13	15	13	42	1018
AU-PPB	5	10	3	5	5	60

APPENDIX D

**Analytical Techniques Used
by Min-En Laboratories**

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

Corner 15th Street and Bewicke
705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
CANADA V7M 1T2

ANALYTICAL PROCEDURE REPORT FOR ASSESSMENT WORK - 26 ELEMENT ICP

Ag, Al, As, B, Bi, Ca, Cd, Co, Cu, Fe, K, Mg, Mn, Mo,
Na, Ni, P, Pb, Sb, Sr, Th, U, V, Zn

Samples are processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by jaw crusher and pulverized by ceramic plated pulverizer.

1.0 gram of the samples are digested for 6 hours with HNO₃ and HClO₄ mixture.

After cooling samples are diluted to standard volume. The solutions are analysed by Computer operated Jarrell Ash 9000 ICP. Inductively coupled Plasma Analyser. Reports are formatted by routing computer dotline print out.

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

Corner 15th Street and Bewicke
705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
CANADA V7M 1T2

GOLD GEOCHEMICAL ANALYSIS BY MIN-EN LABORATORIES LTD.

Geochemical samples for Gold processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

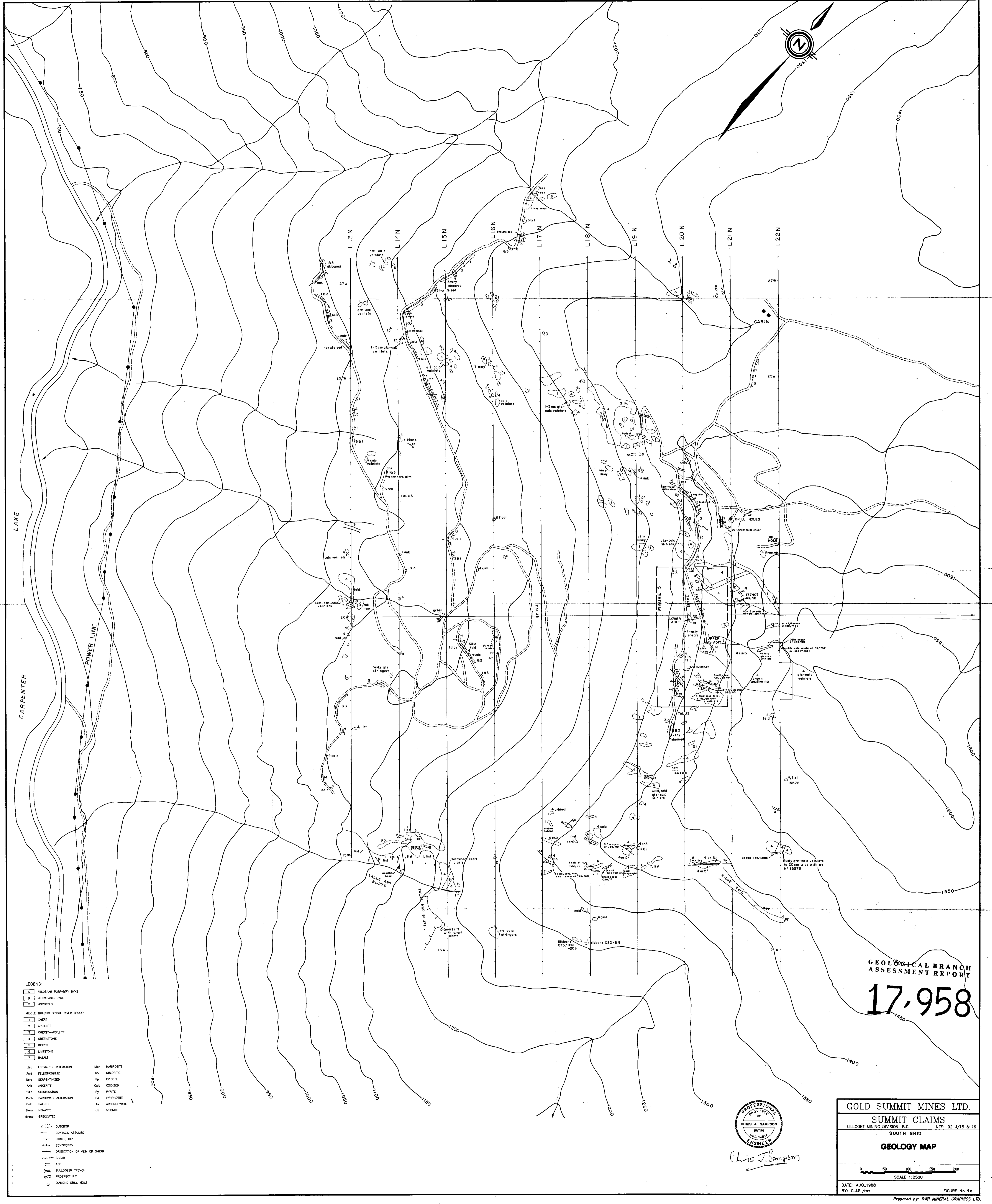
After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed and pulverized by ceramic plated pulverizer.

A suitable sample weight 5.0 or 10.0 grams are pretreated with HNO_3 and HClO_4 mixture.

After pretreatments the samples are digested with Aqua Regia solution, and after digestion the samples are taken up with 25% HCl to suitable volume.

Further oxidation and treatment of at least 75% of the original sample solutions are made suitable for extraction of gold with Methyl Iso-Butyl Ketone.

With a set of suitable standard solution gold is analysed by Atomic Absorption instruments. The obtained detection limit is 0.005 ppm (5ppb).



- LEGEND:**
- A FELDSPAR PORPHYRY DYKE
 - B ULTRAMAFIC DYKE
 - C HORNFELS
- MIDDLE TRASSIC BRIDGE RIVER GROUP**
- 1 CHERT
 - 2 ANSILITE
 - 3 CHERTY-ANSILITE
 - 4 GREENSTONE
 - 5 DORTITE
 - 6 LIMESTONE
 - 7 BASALT
- | | | | |
|------|----------------------|----|--------------|
| LM | LISTWAITE ALTERATION | Mw | HARPOSITE |
| Feld | FELDSPATHIZED | Ch | CHLORITIC |
| Sep | SEPIENTINIZED | Ep | EPIDOTE |
| Ank | ANKERITE | Ox | OXIDIZED |
| Sil | SILICIFICATION | Py | PYRITE |
| Carb | CARBONATE ALTERATION | Pp | PIPERITE |
| Calc | CALCITE | As | ARSENOPYRITE |
| Hem | HEMATITE | Sb | STIBNITE |
| Brc | BRECCIATED | | |
- OUTCROP
 - CONTACT, ASSUMED
 - STRIKE SLIP
 - SECHSTOSITY
 - ORIENTATION OF VEIN OR SHEAR
 - SHEAR
 - ADP
 - BULLDOZER TRENCH
 - PROSPECT PIT
 - DIAMOND DRILL HOLE

GEOLOGICAL BRANCH
ASSESSMENT REPORT
17,958

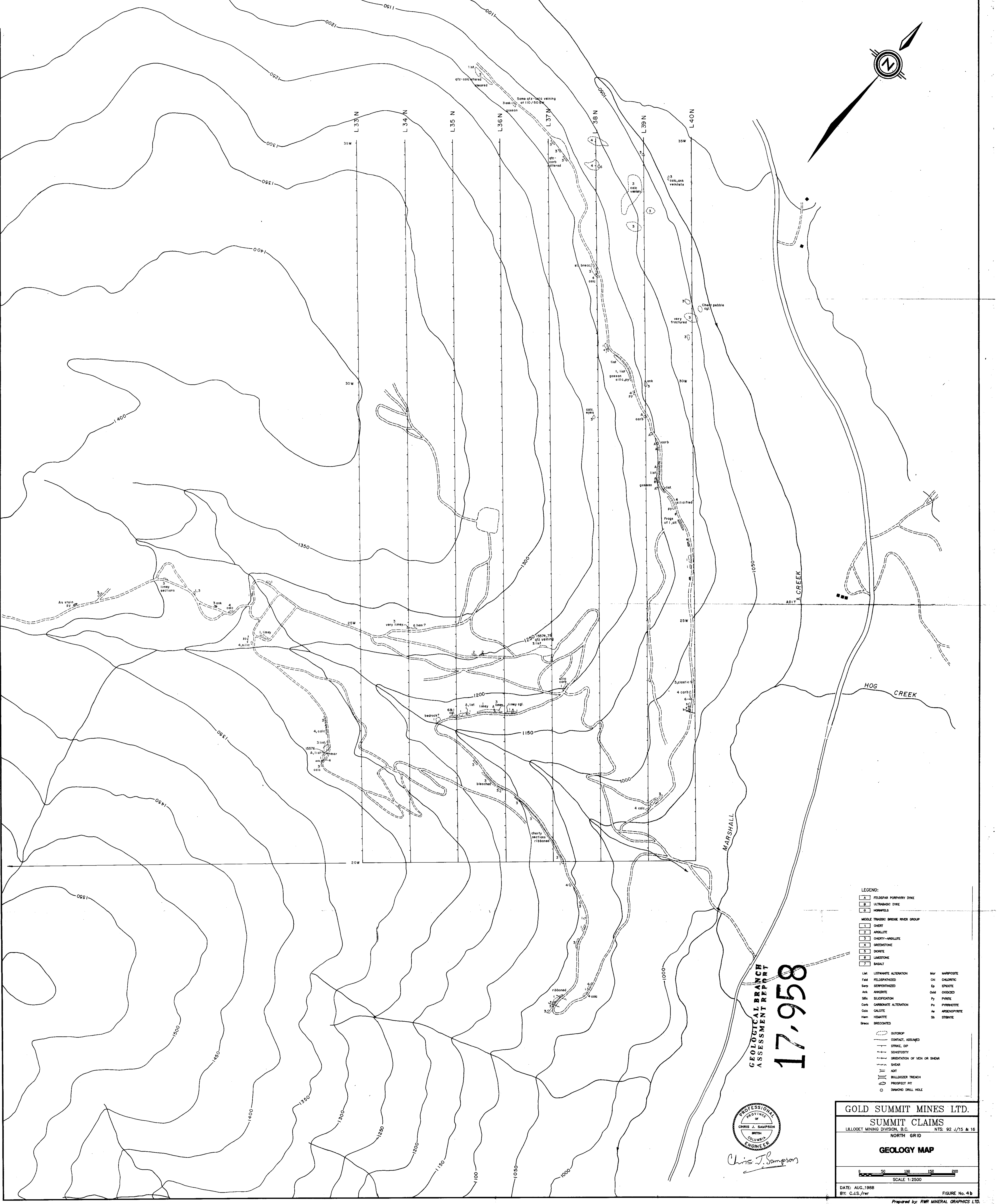
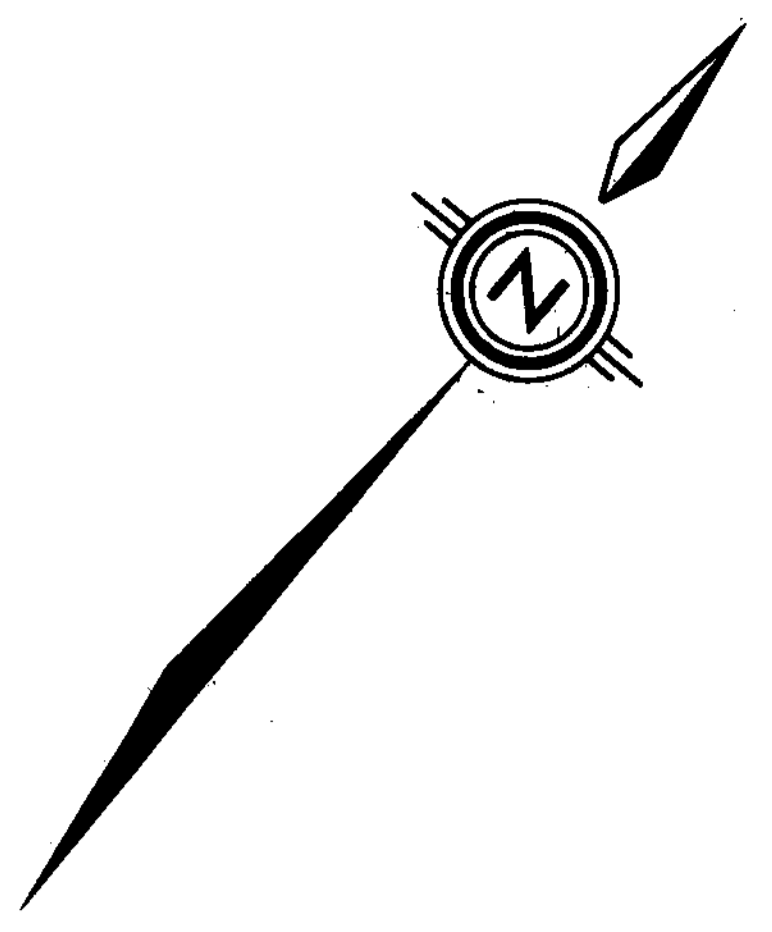


GOLD SUMMIT MINES LTD.
SUMMIT CLAIMS
 ULLOOET MINING DIVISION, B.C. NTS: 92 J/15 & 16
 SOUTH GRID
GEOLOGY MAP

DATE: AUG, 1988
 BY: C.J.S./rwr

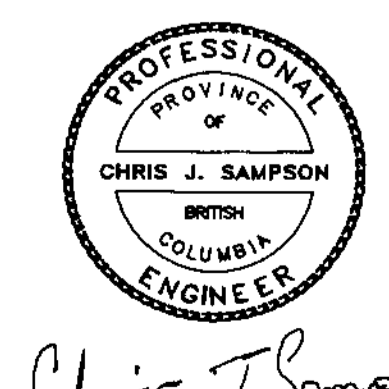
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FIGURE No. 4d



- LEGEND:**
- ▲ FELDSPAR PORPHYRY DIKE
 - ULTRABASIC DIKE
 - HORNFELDS
- MIDDLE TRASSIC BRIDGE RIVER GROUP**
- 1 CHERT
 - 2 ARGILLITE
 - 3 CHERT-ARGILLITE
 - 4 GNEISS
 - 5 DIORITE
 - 6 LIMESTONE
 - 7 BASALT
- | | | | |
|------|----------------------|-----|--------------|
| lit | LIMONITE ALTERATION | Mar | MARIPOSITE |
| Feld | FELDSPATHOID | Ch | CHALCOTIC |
| Serp | SERPENTINIZED | Ep | EPIDOTE |
| Am | ANKERITE | Ox | OXIDIZED |
| Sil | SILICIFICATION | Py | PYRITE |
| Carb | CARBONATE ALTERATION | Ps | PYRRHOTITE |
| Cal | CALCITE | As | ARSENOPYRITE |
| Hem | HEMATITE | St | STIBITE |
| Brec | BRECCIATED | | |
- OUTCROP
 - CONTACT, ASSUMED
 - STRIKE SLIP
 - SENSIBILITY
 - ORIENTATION OF VEIN OR SHEAR
 - SHEAR
 - ADIT
 - BALLBOYER TRENCH
 - PROSPECT PIT
 - DIAMOND DRILL HOLE

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**
17,958



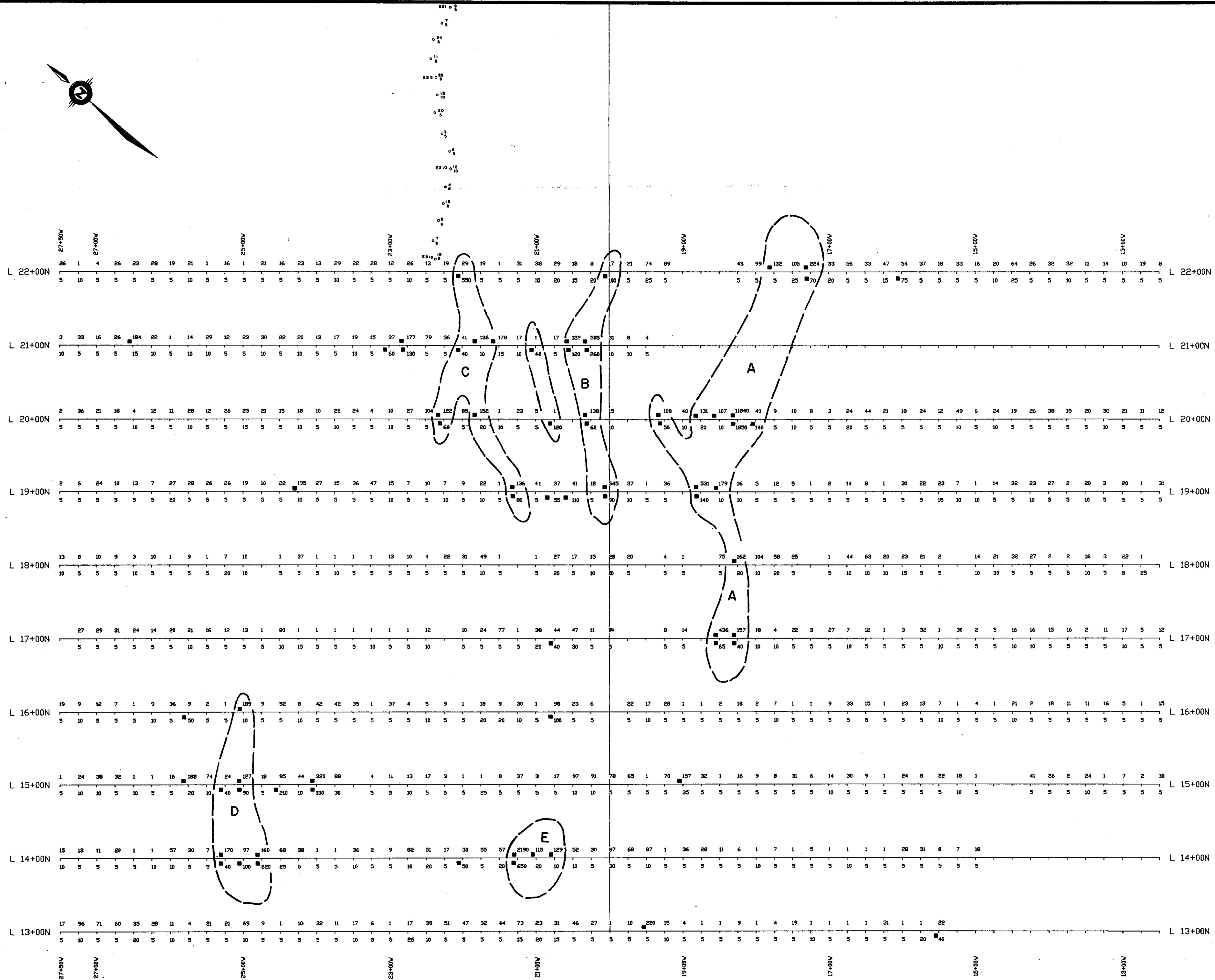
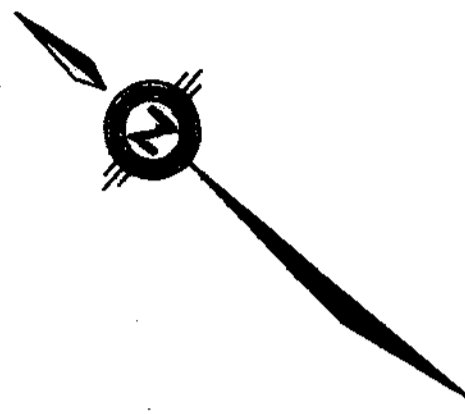
Chris J. Sampson

GOLD SUMMIT MINES LTD.
SUMMIT CLAIMS
LILLOOET MINING DIVISION, B.C. NTS: 92 J/15 & 16
NORTH GRID
GEOLOGY MAP

0 50 100 150 200
SCALE 1:2500

DATE: AUG. 1988
BY: C.J.S./rwr

FIGURE No. 4b
Prepared by: PWP MINERAL GRAPHICS LTD.



LEGEND:

ANOMALOUS VALUE = 107 p.p.m. 2190 As VALUE IN p.p.m.
 ANOMALOUS VALUE = 40 p.p.b. 650 Au VALUE IN p.p.b.



Chris J. Sampson

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SUMMIT CLAIMS
 LILLOOET MINING DIVISION, B.C. NTS: 82 J/15 & 16
 SOUTH GRID
GEOCHEMISTRY SURVEY
As & Au RESULTS

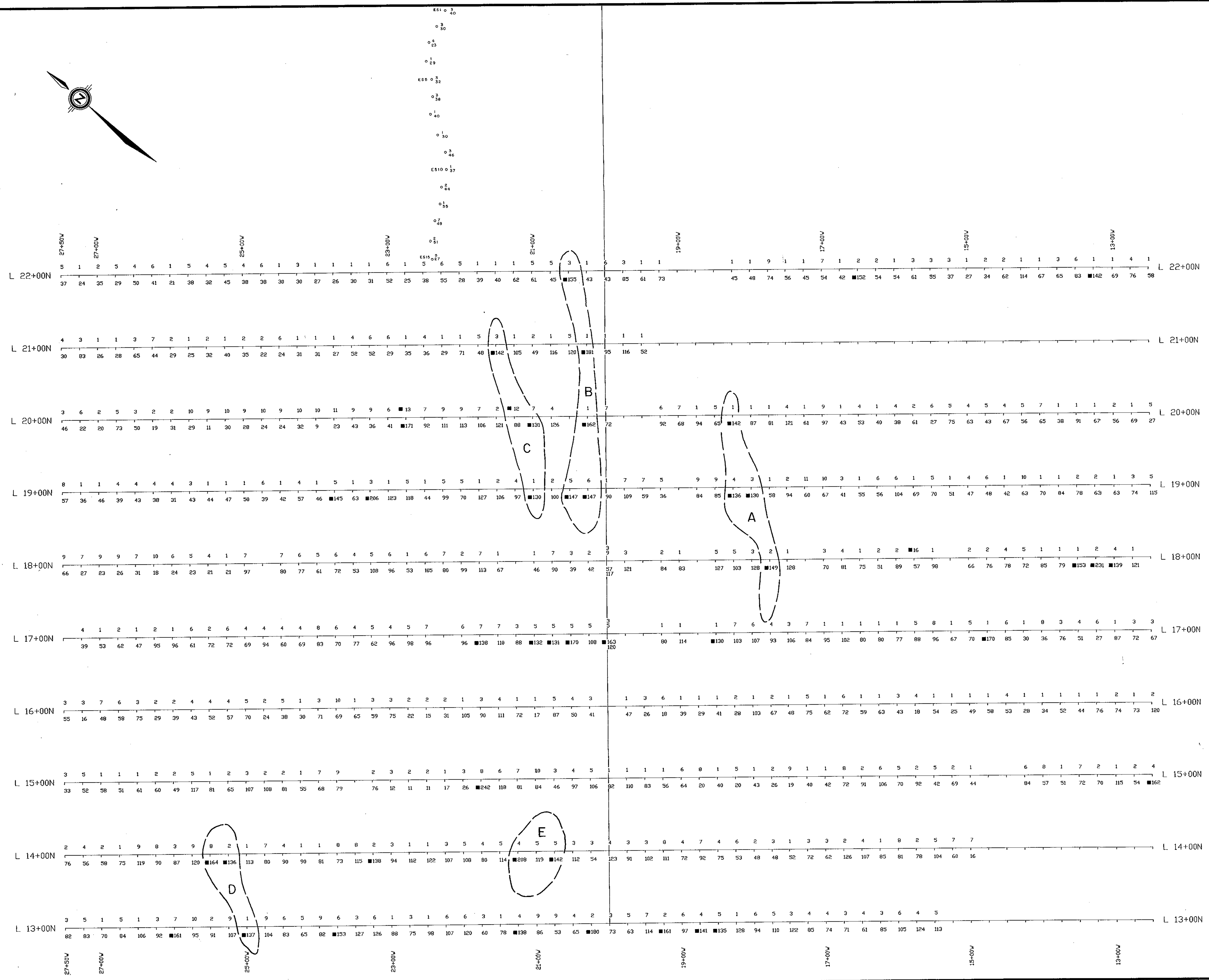
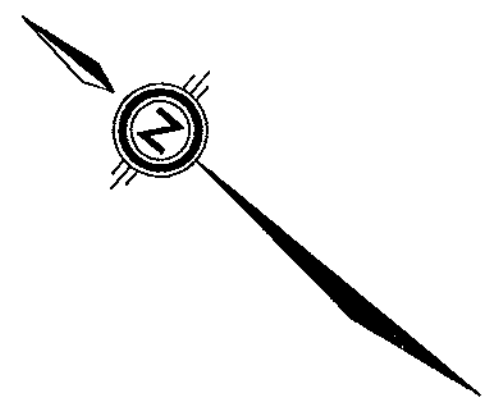
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DATE: SEPTEMBER, 1988
 BY: C.J.S./rw

FIGURE No. 6 A

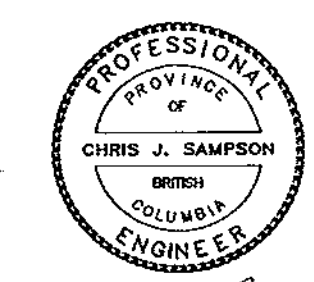
GEOLOGICAL BRANCH
 ASSESSMENT REPORT
17.958

Prepared by: RWR MINERAL GRAPHICS LTD.



LEGEND:

ANOMALOUS VALUE = 12 p.p.m. ■ 15 Sb VALUE IN p.p.m.
 ANOMALOUS VALUE = 130 p.p.m. ■ 208 Cu VALUE IN p.p.m.



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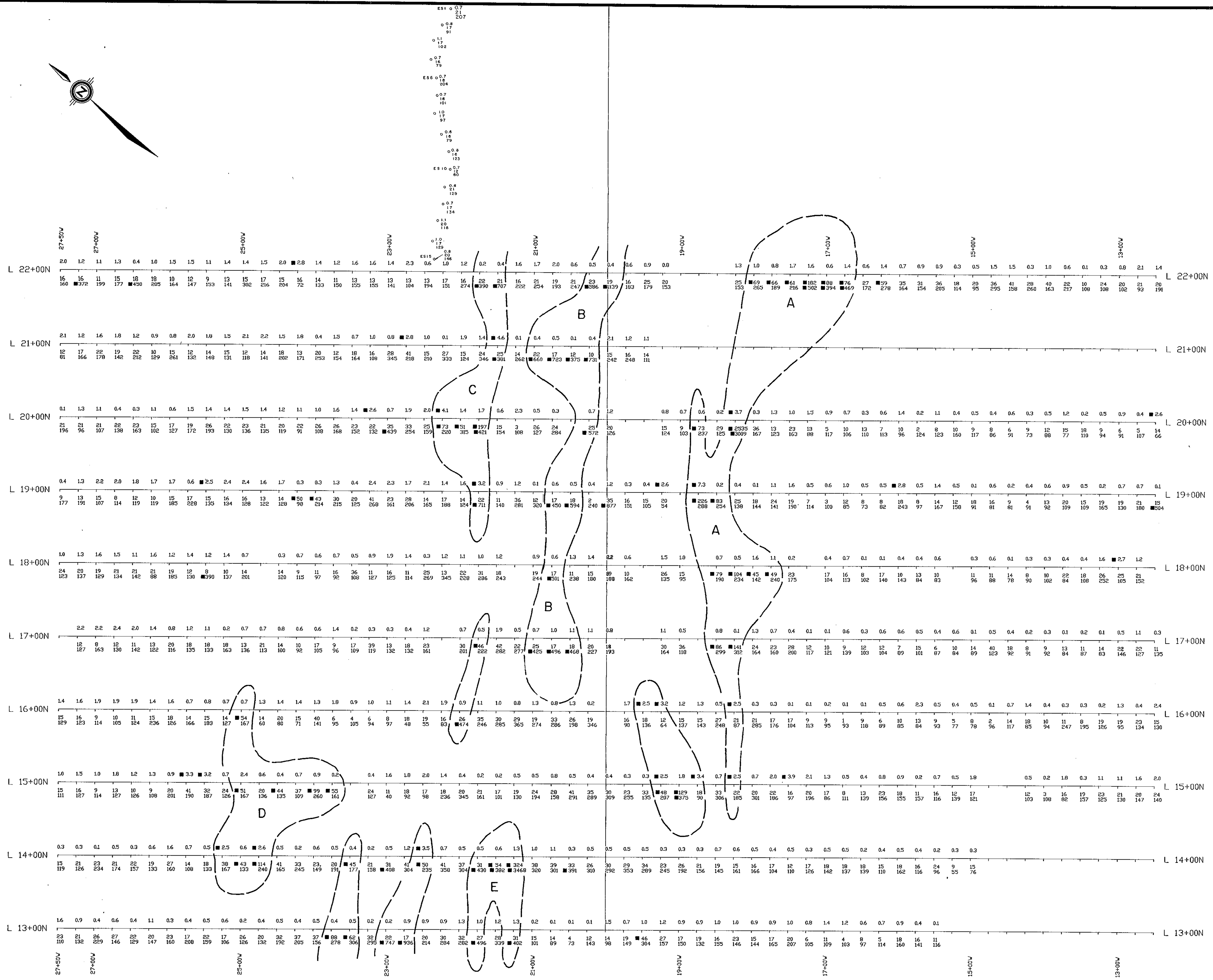
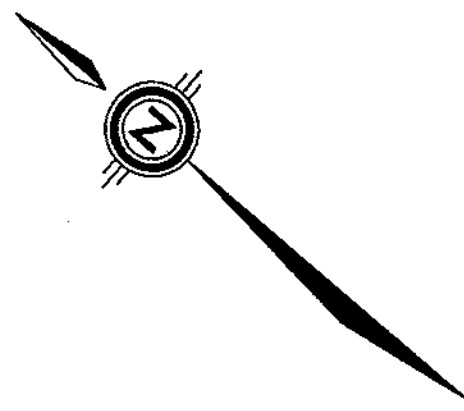
GOLD SUMMIT MINES LTD.
SUMMIT CLAIMS
 LILLOET MINING DIVISION, B.C. NTS: 92 J/15 & 16
 SOUTH GRID
GEOCHEMISTRY SURVEY
Sb & Cu RESULTS

0 50 100 150 200
 SCALE 1:2500

DATE: SEPTEMBER, 1988
 BY: C.J.S./rwr
 FIGURE No. 6B

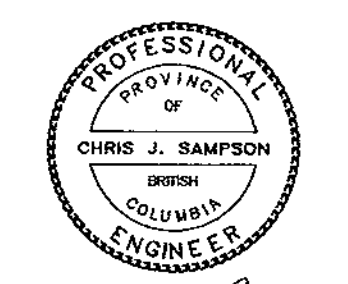
17,958
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 ASSESSMENT REPORT

Prepared by RWR MINERAL GRAPHICS LTD.



LEGEND:

ANOMALOUS VALUE = 2.5 p.p.m. ■ 26 Ag VALUE IN p.p.m.
 ANOMALOUS VALUE = 43 p.p.m. ■ 324 Pb VALUE IN p.p.m.
 ANOMALOUS VALUE = 372 p.p.m. ■ 3468 Zn VALUE IN p.p.m.



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GOLD SUMMIT MINES LTD.
 SUMMIT CLAIMS
 LILLOOET MINING DIVISION, B.C. NTS: 92 J/15 & 16
 SOUTH GRID

GEOCHEMISTRY SURVEY
 Ag, Pb & Zn RESULTS

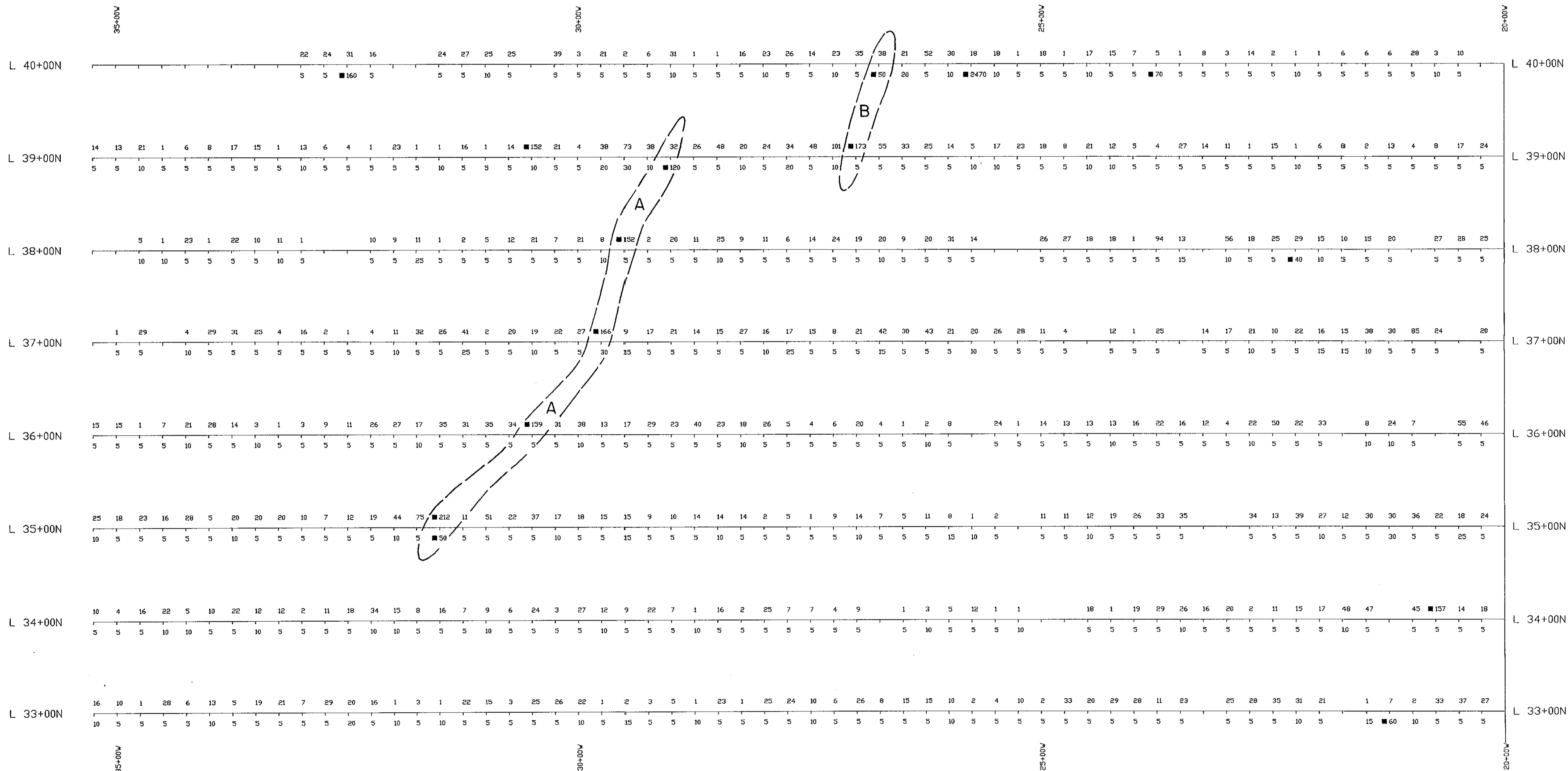
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 SCALE 1:2500

DATE: SEPTEMBER, 1988
 BY: C.J.S./rwr

FIGURE No. 6C

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

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LEGEND:

ANOMALOUS VALUE = 107 p.p.m. 122 As VALUE IN p.p.m.
 ANOMALOUS LEVEL = 40 p.p.b. 60 Au VALUE IN p.p.b.



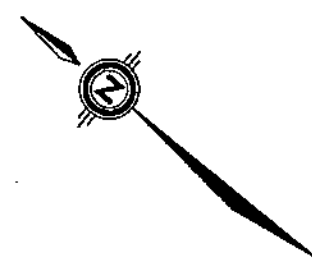
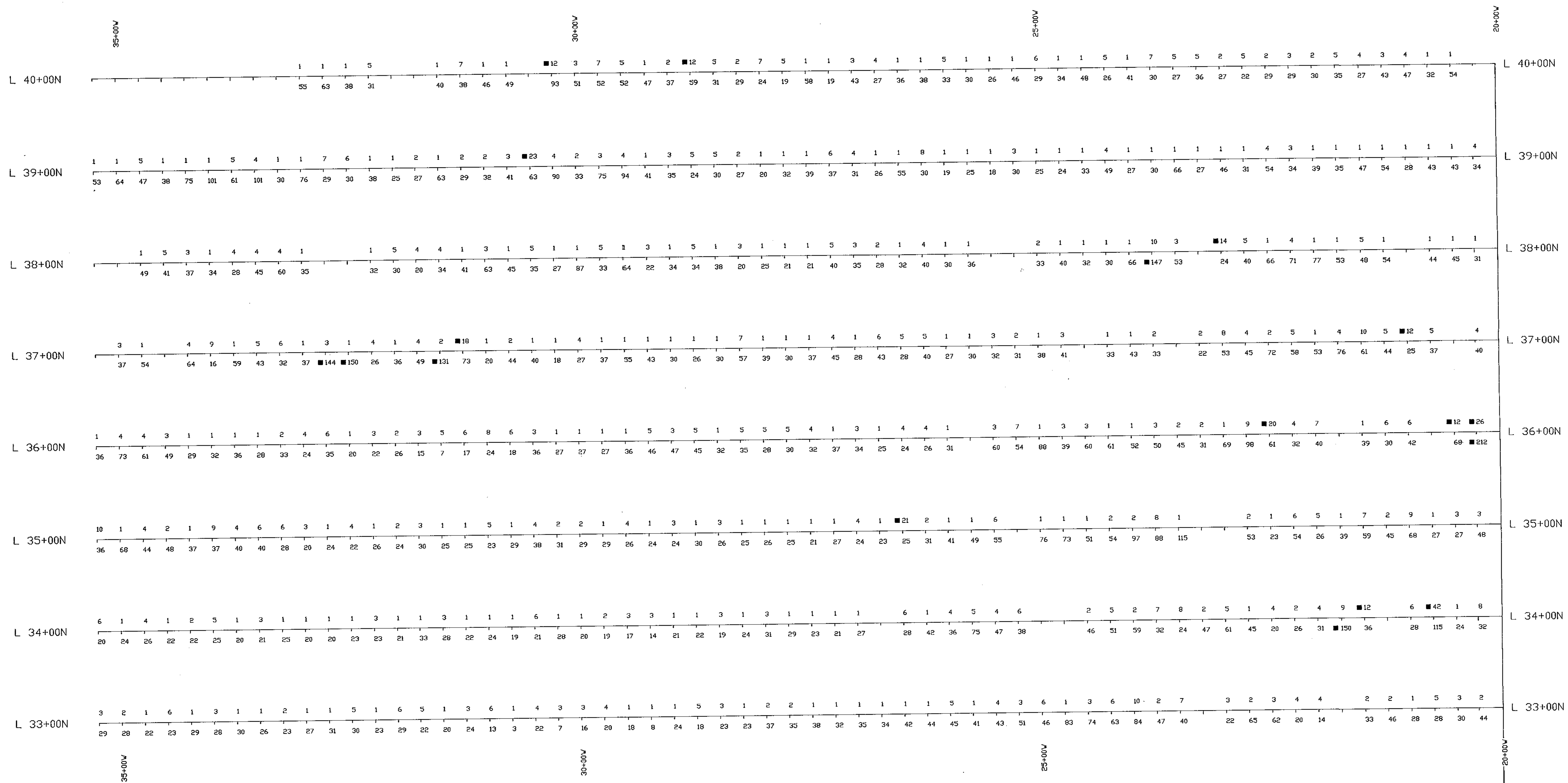
Chris J. Sampson

GOLD SUMMIT MINES LTD.	
SUMMIT CLAIMS	
LILLOOET MINING DIVISION, B.C. NTS: 92 J/15 & 16	
NORTH GRID	
GEOCHEMISTRY SURVEY	
As & Au RESULTS	
SCALE: 1:2500	
DATE: SEPTEMBER, 1988	
BY: C.J.S./rwr	
FIGURE No. 7 A	

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

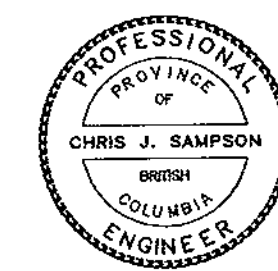
17,958

Prepared by: RWR MINERAL GRAPHICS LTD.



LEGEND:

ANOMALOUS VALUE = 12 p.p.m. ■ 15 Sb VALUE IN p.p.m.
 ANOMALOUS VALUE = 130 p.p.m. ■ 208 Cu VALUE IN p.p.m.



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GOLD SUMMIT MINES LTD.
 SUMMIT CLAIMS
 LILLOOET MINING DIVISION, B.C. NTS: 92 J/15 & 16
 NORTH GRID
 GEOCHEMISTRY SURVEY
 Sb & Cu RESULTS

0 50 100 150 200
 SCALE 1:2500

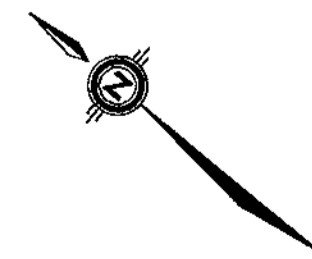
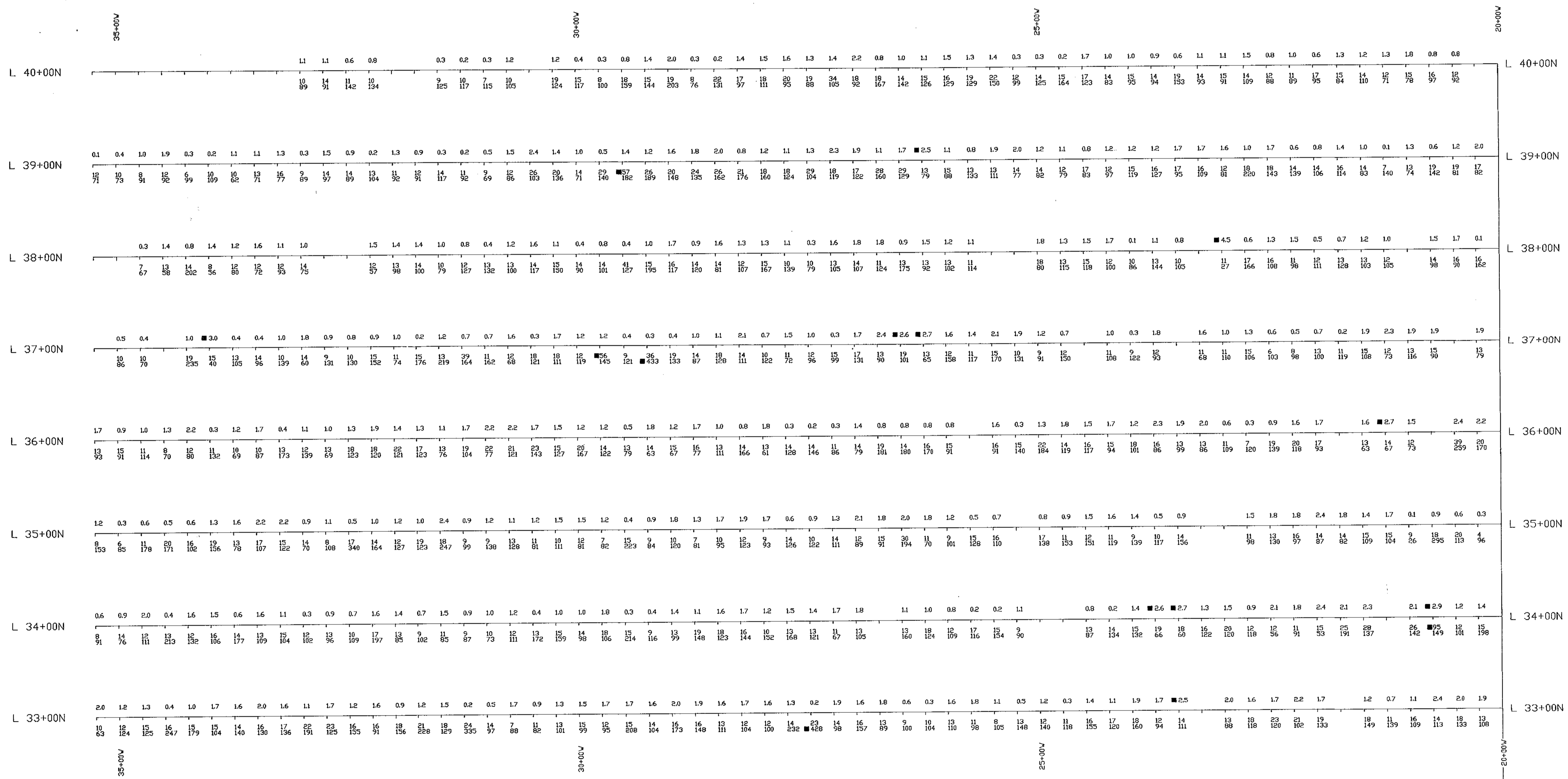
DATE: SEPTEMBER, 1988
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FIGURE No. 7B

GEOLOGICAL BRANCH
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17,958

7

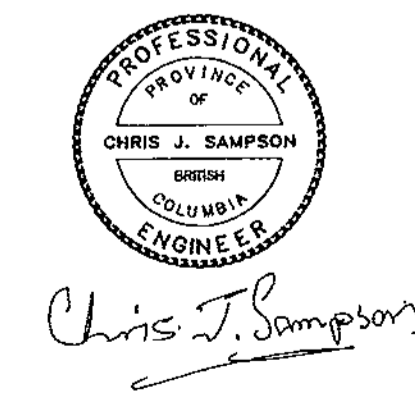


LEGEND:

ANOMALOUS VALUE = 2.5 p.p.m. ■ 36 Ag VALUE IN p.p.m.

ANOMALOUS VALUE = 43 p.p.m. ■ 38 Pb VALUE IN p.p.m.

ANOMALOUS VALUE = 372 p.p.m. ■ 410 Zn VALUE IN p.p.m.



GOLD SUMMIT MINES LTD.

SUMMIT CLAIMS
LILLOOET MINING DIVISION, B.C. NTS: 92 J/15 & 16

NORTH GRID

GEOCHEMISTRY SURVEY
Ag, Pb & Zn RESULTS

0 50 100 150 200
SCALE 1:2500

DATE: SEPTEMBER, 1988
BY: C.J.S./rwr

FIGURE No. 7 C

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