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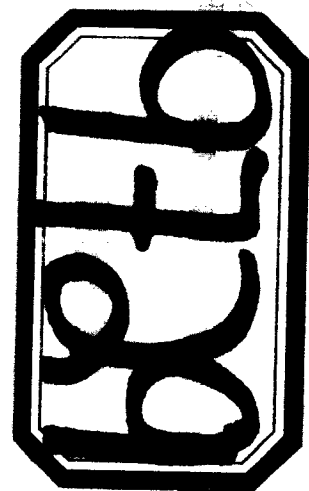
GEOLOGICAL AND GEOCHEMICAL SURVEYS

OF THE D.M. CLAIMS

HOODOO GRID

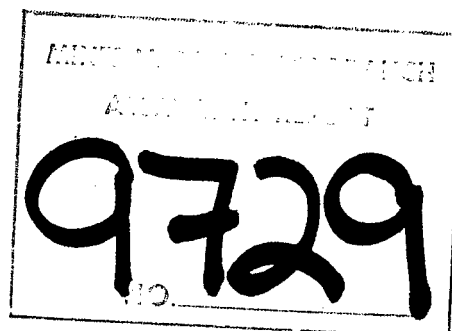
KAMLOOPS MINING DIVISION

BRITISH COLUMBIA



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OF THE D.M. CLAIMS
HOODOO GRID

KAMLOOPS MINING DIVISION
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D. Gamble
October, 1981

GUICHON EXPLORCO LIMITED
GEOLOGICAL AND GEOCHEMICAL SURVEYS
D.M. CLAIMS - HOODOO GRID
KAMLOOPS MINING DIVISION, B.C.

N.T.S. 92I/15W
50° 56'N & 120° 57'W
D. Gamble
October 1981

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Summary of Conclusions and Recommendations

Anomalous concentrations of gold, mercury and arsenic occur in altered Triassic volcanics and sediments and in altered Tertiary volcanics at Deadman Valley, Kamloops Mining Division, British Columbia. The anomalous zones lie in close association to Tertiary faults and proximal to Tertiary intrusive rocks. Epithermal activity during Tertiary volcanism and tectonism shows up as extensive hematite fracture-vein mineralization, anomalous Au, Hg, As values and extensive gossans in the altered zones.

Two anomalous gold zones occur with values to 80 ppb Au and lie within strong, extensive mercury alteration haloes with values exceeding 10,000 ppb Hg. Isolated arsenic anomalies occur within the mercury haloes.

It is proposed that diamond drilling be undertaken to test the two main anomalous zones proximal to the Tertiary intrusions.

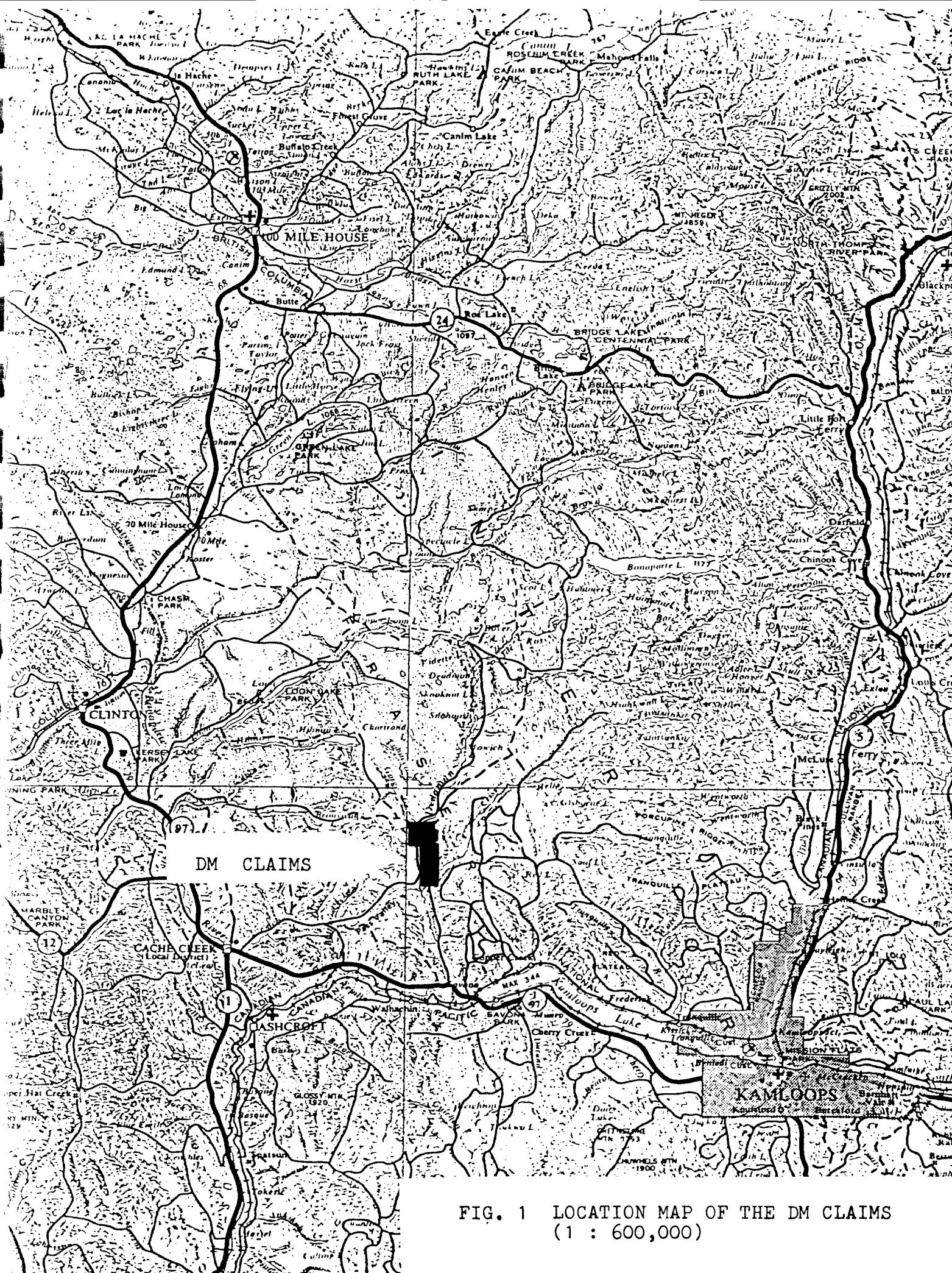


FIG. 1 LOCATION MAP OF THE DM CLAIMS
(1 : 600,000)

Introduction

A geochemical reconnaissance survey that was conducted over the DM Claims by Guichon Explorco Ltd. in 1979 resulted in the location of several favourable Au-Hg-As bedrock anomalies. This report describes the results obtained from a detailed followup program in 1980-1981 which consisted of soil and rock chip geochemical surveys and detailed geological mapping over the anomalous zones.

Location and Access

The DM property is located 20 kilometers N 20°W from Savona, B.C. and centered on co-ordinates 50°56'N and 120°57'W on NTS map sheet 92I/15W (Location Map, figure 1). The claims cover the east slope and red oxidized cliffs of the Deadman River Valley lying east of the Deadman River and north of Criss Creek. One claim extends westerly into the valley at the north end of the property.

Road distance to the DM Claim group from Savona, B.C. is 35 kilometers west via the Trans Canada Highway and north via the Deadman River Valley road. Range roads leading west off the Criss Creek road provide summer access to the east side of the claims, while the Deadman River Valley road passing over the western part of the group provides all weather access.

Elevations range from 550 meters to 1,100 meters ASL. The detailed grid system known as the "Hoodoo Grid", extends from the lower (600m) to the upper elevations (1,110m) (figure 2). Vegetation consists of open range on the lower elevations changing to fir and pine covered areas at higher elevations. Underbrush is generally absent in the wooded areas yielding excellent visibility for grid control.

Claim Statistics

All the claims are in the Kamloops Mining Division and are registered in the name of Guichon Explorco Limited of Toronto. The names and record numbers of the mineral claims are as follows:

<u>Claim Name</u>	<u>Record No.</u>	<u>Units</u>	<u>Record Date</u>
DM 1	2214	20	Oct. 31, 1979
DM 2	2215	20	Oct. 31, 1979
DM 3	2216	15	Oct. 31, 1979
DM 4	2217	15	Oct. 31, 1979
DM 5 (2 Post)	3024	1	Oct. 16, 1980
DM 6 (2 Post)	3025	1	Oct. 16, 1980

(see figure 2 for claim locations)

Much of the area was staked previously, however there is no record of assessment done on the claims other than the initial assessment filed in 1980 under the account of Guichon Explorco Ltd.

Control Grid

A system of flagged grid lines was established during October

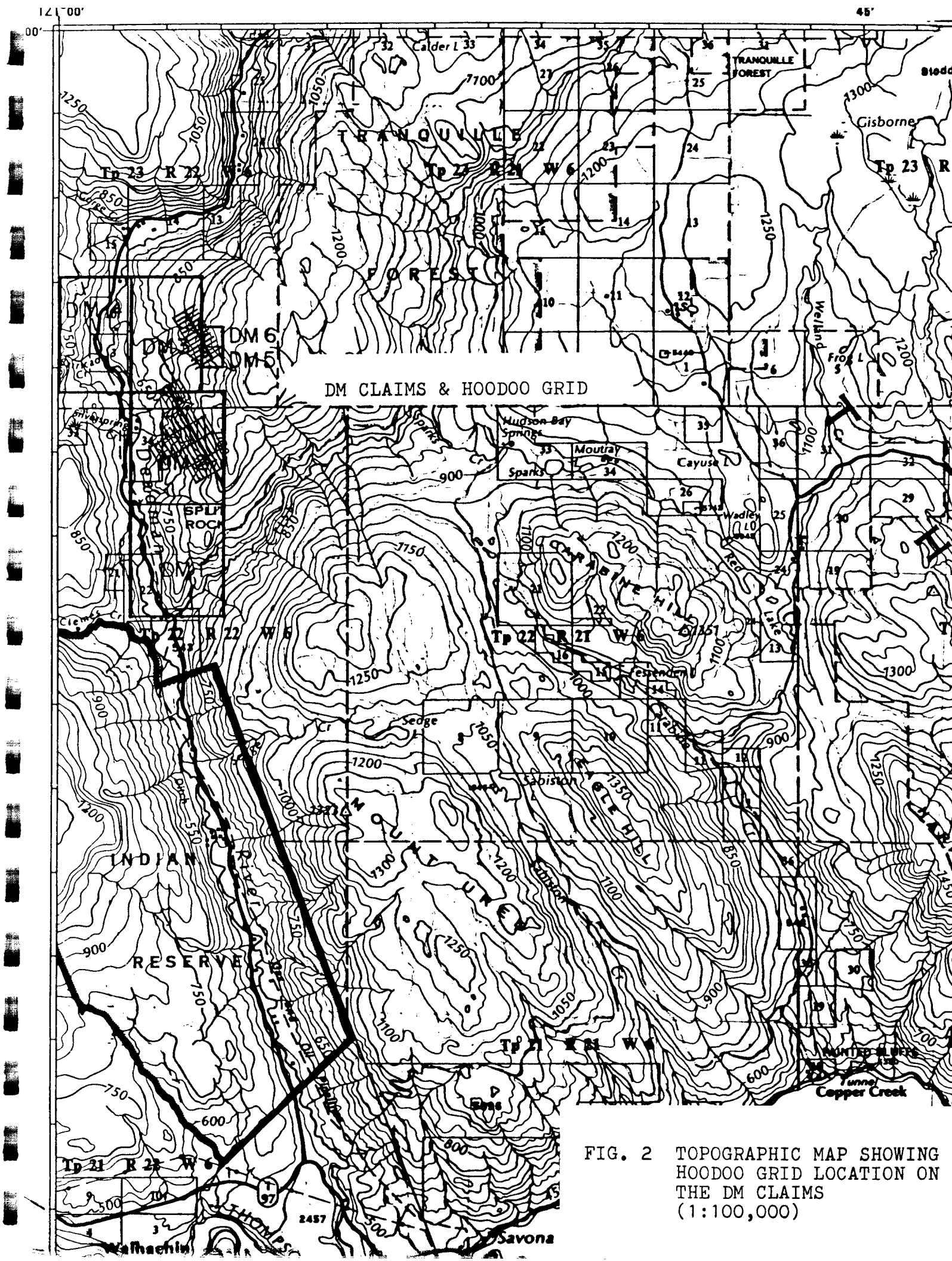


FIG. 2 TOPOGRAPHIC MAP SHOWING HOODOO GRID LOCATION ON THE DM CLAIMS (1:100,000)

and November of 1980 using a metric hip chain and Silva compass. All slope distances were taken into account and corrected to horizontal distance.

A point of origin for the grid was selected at a point 500 meters north of the L.C.P. of DM 2 (Tag No. 49542, IN/OW) and given the grid co-ordinates of B.L.O. - 0 + 00m N. A base line with the bearing of 325° (true) was extended from this point for 2.4 kilometers grid north to station B.L.O./24 + 00m N. Control cross tie lines were extended normal to the base line at bearings of 55° (true) for grid east, and 235° (true) for grid west, from B.L. stations 2 + 00m N (2E-5W), 6 + 00m N. (4E-5W), 10 + 00m N (4E-10W), 14 + 00m N (4E-10W), 18 + 00m N (2E-3+50W), 19 + 00m N (3E-3+50W), 24 + 00m N (3E-2W). Lines at 100 meter intervals were run parallel to the base line at 325° (true) linking cross tie line to cross tie line. This was done in order to facilitate the procedure of sample collection by running the lines approximately parallel to the natural contours. Stations were established along each line at 100m spacings.

Line 2E was extended from 24N to 28N on the grid north bearing of 325° (true). From station 26 + 00m N on L 2 + 00m E a line was extended grid east bearing 55° to station L26 + 00m N/ 14 +00m E. A base line was then established running grid north and grid south bearing 325° (true) from station L26 + 00m N/12 + 00m E. This base line at L12 + 00m E extends 1.2 km from L 21 + 00m N to

L33 + 00m N. Grid lines at 100 meter intervals were run grid east (55°) and grid west (235°). Stations were established along each line at 100 meter intervals.

A total of 37.5 km of gridding was prepared and this grid is known as the Hoodoo Grid.

Procedure

On the Hoodoo Grid a total of 331 soil samples were taken at 100 meter intervals along the grid lines. All samples were analyzed for Au (ppb), Hg (ppb) and As (ppm). In addition, 100 of the above samples were also analyzed for Ag (ppm).

Soil samples were obtained by digging holes with a mattock to a depth of 15-30cm where the visible B horizon, whenever possible, was exposed. The samples were placed in 4" x 6" open end Kraft soil sample bags and at each sample location the grid co-ordinates were marked on the bags with an indelible felt pen. The samples were then shipped to Chemex Laboratories Limited, in Vancouver, where the sample preparation and analyses were completed.

A total of 324 bedrock samples were also collected on the Hoodoo Grid, during the geological survey. All samples were analyzed for Au (ppb), Hg (ppb) and As (ppm). In addition, 192 of the above total were also analysed for Ag (ppm) and 5 for Cu (ppm) and 5 for Mo (ppm). The samples were obtained by chip

sampling a one meter channel on the bedrock surface, whenever possible. The samples were placed in Kraft bags with an assay ticket stub inserted into each sample bag. The samples were shipped to Chemex Laboratories Limited in Vancouver where sample preparation and analyses were completed.

The grid preparation, sampling and geological mapping was carried out under the supervision of D. Gamble. The gridding and soil sampling was accomplished using contract labour, Amex Exploration Services Ltd. and J.P. Geophysical Services. Geological mapping and the rock chip geochemical survey were carried out by company personnel.

Geology

The regional geology according to Cockfield, G.S.C. Memoir 249, 1948, shows the DM Claims area to overlie, in part, Triassic volcanic and sedimentary rocks of the Nicola Group, which in turn have been overlain by early Tertiary Volcanics of the Kamloops Group (Eocene). Overlying the Kamloops Group volcanics is a small wedge of thin bedded Tertiary sedimentary rocks known locally as the Tranquille Beds (Eocene - Oligocene). The accompanying Geological Map of the Hoodoo Grid (back pocket) is in general agreement with the regional presentation by Cockfield.

The oldest rocks in the grid area belong to the Upper Triassic Nicola Group and include andesitic volcanics (Unit 1).

and calcareous to non calcareous cherty sediments (Unit 2).

The volcanic assemblage consists of flows, dikes, tuffs and breccias of andesitic composition. The flows and dike rocks are fine to medium grained and exhibit medium to dark green colouration. Locally, some exposures reveal a feldspar porphyritic texture in which cream-white weathered feldspar crystals (1-2mm) occur in an aphanitic groundmass. The unaltered equivalent exhibit clear glassy feldspar laths.

The fine grained tuffs and coarse fragmental breccias of Unit 1 are similar in composition and colour to the flows and dikes. Fragment size in the breccia is variable, with subangular to rounded clasts of Nicola volcanic flow material, attaining 10cm in long axis dimension. Occasionally some siliceous sedimentary clasts were observed.

Primary structures, such as bedding, are generally poorly expressed in the exposures.

Alteration features, that are all present to varying degrees, include epidote veinlets and mottled patches, interstitial and veinlet carbonate and occasional erratic quartz veinlets. Minor hematite tends to occur along most fractures.

The sedimentary rocks of the Nicola Group (Unit 2) consist of two distinct lithologies. Unit 2a is a grey bedded limestone

sequence, with bedding contacts marked by thin grey siltstone to shale beds. Occasionally lapilli sized siliceous clasts, lying in a carbonate matrix, occur as thin beds in the predominantly grey limestone sequence. Secondary white carbonate fills numerous microfractures locally.

Unit 2b consists of a fine grained, buff yellow coloured, siliceous (cherty) siltstone with a variable calcareous component. Some sections exhibit up to 50% carbonate within the matrix and as fillings in microfractures. Other sections exhibit little to no carbonate present. Primary features include bedding and rhythmic chert layering.

The structural fabric of the Nicola assemblages, Units 1 and 2, is complex owing to a high degree of fracturing and block faulting. This is strongly demonstrated in the north part of the grid geology where, overall the lithologies appear to be producing a north to northwest striking fabric. In sharp contrast here, northeast and east striking sedimentary beds with variable dips occur locally, thus presenting a complex structural history. In addition, faults striking westerly, northerly and northeasterly were observed in the limited exposures in this north part of the grid.

The spotty Nicola exposures in the south part of the grid appear to produce a northwest to northeast striking fabric.

Faulting here has also produced a complicated structural history, as demonstrated by the variable strike and dips of the Nicola volcanics on the accompanying geology map.

Unconformably overlying the Nicola Group are Tertiary (Kamloops Group) volcanics (Units 3 & 6) and Tertiary (Tranquille Beds) sediments (Unit 5). These rocks form the cliff exposures and the occasional Hoodoo structures within the grid area.

The Kamloops Group, Unit 3, is predominantly a mixed sequence of subaerial andesitic volcanic rocks consisting of breccias, tuffs and flows, in descending abundance (subunits 3c, 3b and 3a respectively). In addition, rhyolitic tuff and breccia (subunits 3d and 3e respectively) occur locally. The above sequence generally strikes north and dips shallow to moderately west. Faulting and extensive fracturing, with hematite up to 1 cm thick lining the fractures, occurs throughout this section. Subsequent surface oxidation has produced scarlet-red, brown and ochre coloured soils as well as gossaneous outcrop exposures.

The andesite flows, 3a, are fine grained, brick-red in colour, with variable vesiculation. The andesite tuffs, 3b are brick-red to brown, fine grained and have a varying degree of induration. The andesite breccia, 3c, is a laharic breccia. Angular brick-red to brown andesite flow block, up to 1 meter in size are found in a brick-red to brown sandy mud matrix. Occasional rounded Tertiary

volcanic boulders lying in a cross bedded, moderately sorted sand matrix indicating a fluvial reworking process or sedimentary facies, was locally present in the volcanic pile.

The fine grained tuff and coarse grained volcaniclastic breccia of dacite to rhyolite composition, 3d and 3e, occur locally within the andesite volcanic sequence. The tuff takes on the appearance and morphology of a rounded mound or knob and may possibly represent a hydrothermal sinter deposit at several locations (L1W/20N; 2 + 50W/16 + 50N). The breccia fragments of 3E are similar to the fine grained material of 3d. The breccia matrix is generally composed of fine grained, brick-red andesitic material however, locally acid material can form the matrix. An overall change of fragment composition from rhyolite to andesite appears to occur as a function of distance from the source.

The tranquille Beds, Unit 5, overlie the Kamloops Group volcanics with the contact being a local unconformity. The assemblage becomes progressively well sorted up sequence, commencing with a basal white granite cobble conglomerate, grading into white sandstone and capped by a resistant cross bedded white sandstone. Trace carbonaceous fossil plant material can be found as a minor constituent. The matrix of both the sandstone and conglomerate has a slight to moderate carbonate component, as well as fine white chalky ash. The sediments of unit 5 generally strike N20°W to north and dip westerly 15° to 30°.

Dark green basalt flows and interflow breccia, Unit 6, at station LO/ON, are flat lying and occur at a higher elevation relative to the preceding Kamloops Group. These basalts also occur at a lower elevation, at L14N/3 + 50W and lie on the apparent down-thrown side of a major NW trending fault. The strata of unit 6, lying on the west side of the fault, strikes northwest and dips 15° northeast. In contrast, the strata of units 3 and 5 lying on the east side of the fault strike northwest and dip southeast. The evidence therefore suggests that Unit 6 basalts, lie stratigraphically above the Kamloops Group volcanics (Unit 3) and above the Tranquille Beds (Unit 5). Unit 6 may be part of a younger Tertiary sequence. The major NW trending fault appears to represent the eastern limit of a large grabben structure trending northerly through the Deadman Valley.

The basalt flows are magnetite bearing, and show colour variation from dark green to grey green to purple. Some flows are feldspar porphyries (\pm pyroxene), while other flow units in this sequence are fine grained and vesiculated. In the vesicular basalt flows, some amygdules are found to contain quartz and zeolite minerals. The interflow rubble, or flow top breccias, are of similar composition to the preceding underlying flows, but tend to contain less magnetite. The flow breccias vary in thickness locally.

Intrusive activity in the grid area is represented by two small felsic stocks, or dike-like bodies (Unit 4). The intrusion

in the north part of the grid cuts into the Nicola volcanic and sedimentary assemblage. It is a medium grained, pale pink to buff coloured, quartzo-feldspathic rock, possibly a granodiorite. It has a buff to salmon coloured weathered appearance, and is found to contain trace pyrite, molybdenite, and malachite.

The southern intrusion is not easily recognized owing to the high degree of oxidation in the vicinity. It appears dike-like in configuration and intrudes Tertiary Kamloops Group volcanics. The composition is syenitic as little to no free quartz was noted.

Both intrusions lie in zones that show strong Hg and moderate Au and As geochemical signatures. In addition, both zones have returned erratic Cu and Mo values in the north intrusion and in the surrounding host rocks of the southern intrusion. Cinnabar was also noted in the fractured host rocks proximal to the intrusions.

Geochemistry

A - Soil

The assay values for 331 soil samples appear listed in the appendix and are plotted on the accompanying soil geochemical contour map (back pocket). The cumulative frequency of Au, Hg and As vs concentration (figure 3) was plotted in order to determine if two

or more populations exist for each element. A normal distribution from a single population should plot as a straight line on logarithmic probability paper. If there are two populations a break or bend will occur where they join and the threshold value may be taken at that inflection point.

The cumulative frequency curves for Au, Hg and As indicate distinct bimodal populations (background and anomalous) for each element. The threshold values are obtained for each element at the inflection points which approximates the division between the anomalous and background populations. These threshold values were used as the upper limit of the background population to determine the mean (\bar{x}) and standard deviation (S.D.) of the background population. The distribution of values and geochemical statistics for each element are tabulated on the following Table.

W %

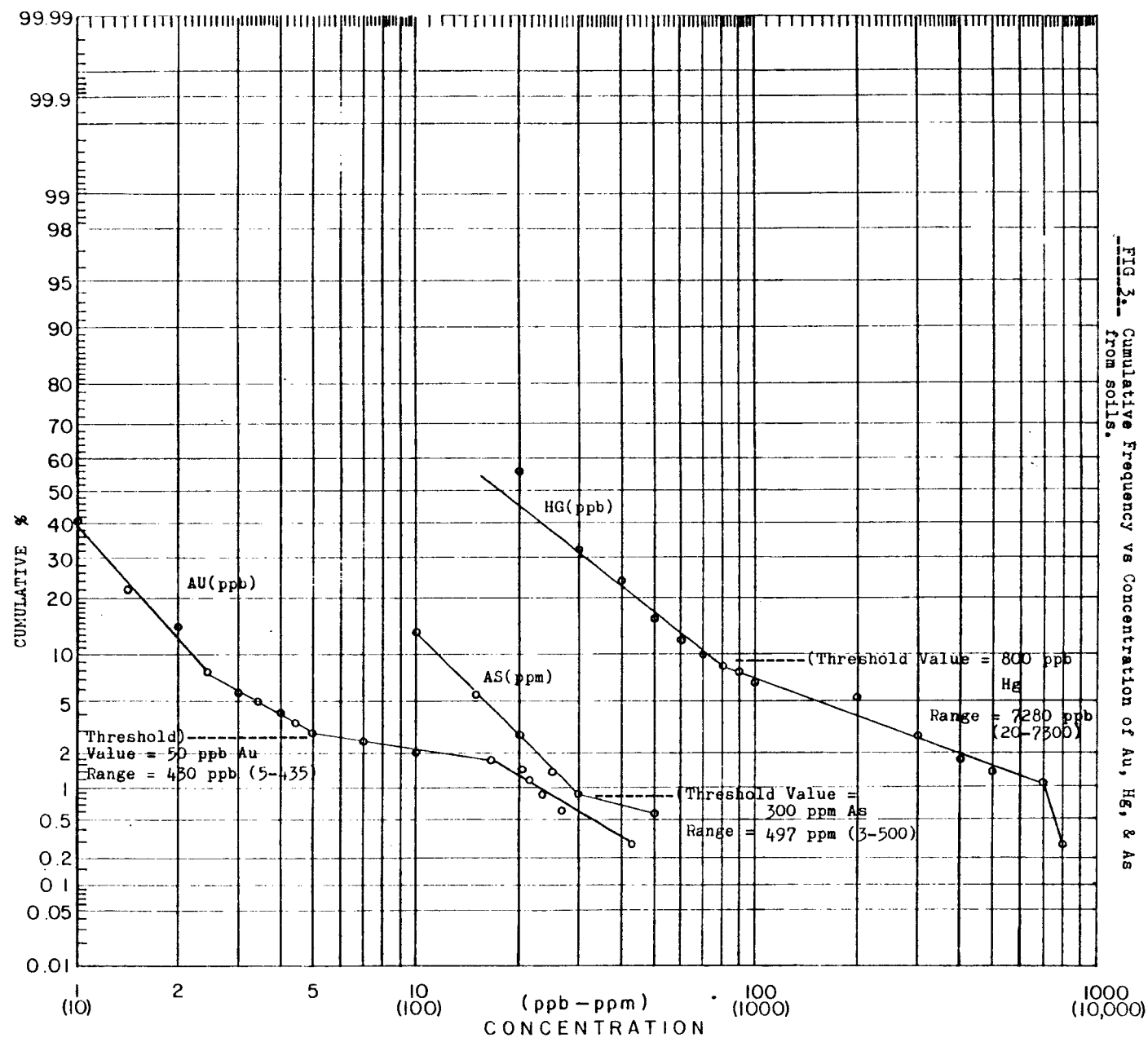


TABLE 1 - Au (ppb)

Threshold value from figure 3 = 50 ppb Au

<u>Class Interval</u>	<u>Class Mark (X)</u>	<u>Frequency (f)</u>	<u>CUM %</u>	<u>fx</u>	<u>fx²</u>
1- 5	3	193	100	579	1,737
6- 10	8	64	41.5	512	4,096
11- 15	13	24	22.1	312	4,056
16- 20	18	22	14.8	396	7,128
21- 25	23	8	8.2	184	4,232
26- 30	28	2	5.8	56	1,568
31- 35	33	3	5.2	99	3,267
36- 40	38	2	4.2	76	2,888
41- 45	43	2	3.6	86	3,698
46- 50	48	1	3.0	48	2,304
56- 70	-	1	2.7	-	-
76- 80	-	1	2.4	-	-
96-100	-	1	2.1	-	-
171-175	-	1	1.8	-	-
206-210	-	1	1.5	-	-
211-215	-	1	1.2	-	-
236-240	-	1	0.9	-	-
276-280	-	1	0.6	-	-
431-435	-	<u>1</u>	0.3	<u>-</u>	<u>-</u>
		330		2,348	34,974

$$S.D. = \frac{(nE (fx^2) - E (fx)^2)}{(n(n-1))} \quad \frac{1}{2} \quad \text{Where } n = 321$$

$$S.D. = 7.46$$

$$\bar{x} + 2SD = 23.3 \text{ ppb Au}$$

$$\bar{x} = 8.38$$

The anomalous level for Au obtained statistically using the background population data is 23 ppb Au. The anomalous Au geochemical contour is plotted at the 50 ppb level on the soil geochemistry map which clearly indicates small isolated anomalies.

TABLE 2 - Hg (ppb)

Threshold value from figure 3 = 800 ppb Hg.

<u>Class Interval</u>	<u>Class Mark (x)</u>	<u>Frequency (f)</u>	<u>CUM %</u>	<u>fx</u>	<u>fx²</u>
1-100	49.5	140	100	6,930	343,035.0
101-200	150.5	79	57.7	11,889.5	1,789,369.8
201-300	250.5	30	33.8	7,515	1,882,507.5
301-400	350.5	26	24.7	9,113	3,194,106.5
401-500	450.5	15	16.9	6,757.5	3,044,253.8
501-600	550.5	7	12.4	3,853.5	2,121,351.8
601-700	650.5	4	10.3	2,602	1,692,601.0
701-800	750.5	3	9.0	2,251.5	1,689,750.8
801-900	-	4	8.1	-	-
901-1000	-	5	6.9	-	-
1001-2000	-	8	5.4	-	-
2001-3000	-	4	3.0	-	-
3001-4000	-	1	1.8	-	-
4001-5000	-	1	1.5	-	-
6001-7000	-	3	1.2	-	-
7001-8000	-	<u>1</u>	0.3	<u>-</u>	<u>-</u>
		331		50,912	15,756,976.2

$$S.D. = \frac{(nE(fx^2) - E(fx)^2)}{n(n-1)} \quad \text{where } n = 304$$

$$S.D. = 154.47$$

$$\bar{x} + 2SD = 485.17 \text{ ppb Hg}$$

$$\bar{x} = 176.23$$

The anomalous level for Hg obtained statistically using the background population data is 485 ppb Hg. The anomalous Hg geochemical contour is plotted at the 500 ppb level on the soil geochemistry map indicating significant anomalous zones.

TABLE 3 - As (ppm)

Threshold value from figure 3 = 300 ppm As.

<u>Class Interval</u>	<u>Class Mark (x)</u>	<u>Frequency (f)</u>	<u>CUM %</u>	<u>fx</u>	<u>fx²</u>
1- 50	24.5	282	100	6,909	169,270.5
51-100	75.5	30	14.8	2,265	171,007.5
101-150	125.5	9	5.7	1,129.5	141,752.25
151-200	175.5	5	3.0	877.5	154,001.25
201-250	225.5	2	1.5	451	101,700.5
251-300	275.5	1	0.9	275.5	75,900.25
451-500	-	<u>2</u>	0.6	<u>-</u>	<u>-</u>
		331		11,907.5	813,631.25

$$S.D. = \frac{(nE(fx^2) - E(fx)^2)}{(n(n-1))} \quad \text{where } n = 329$$

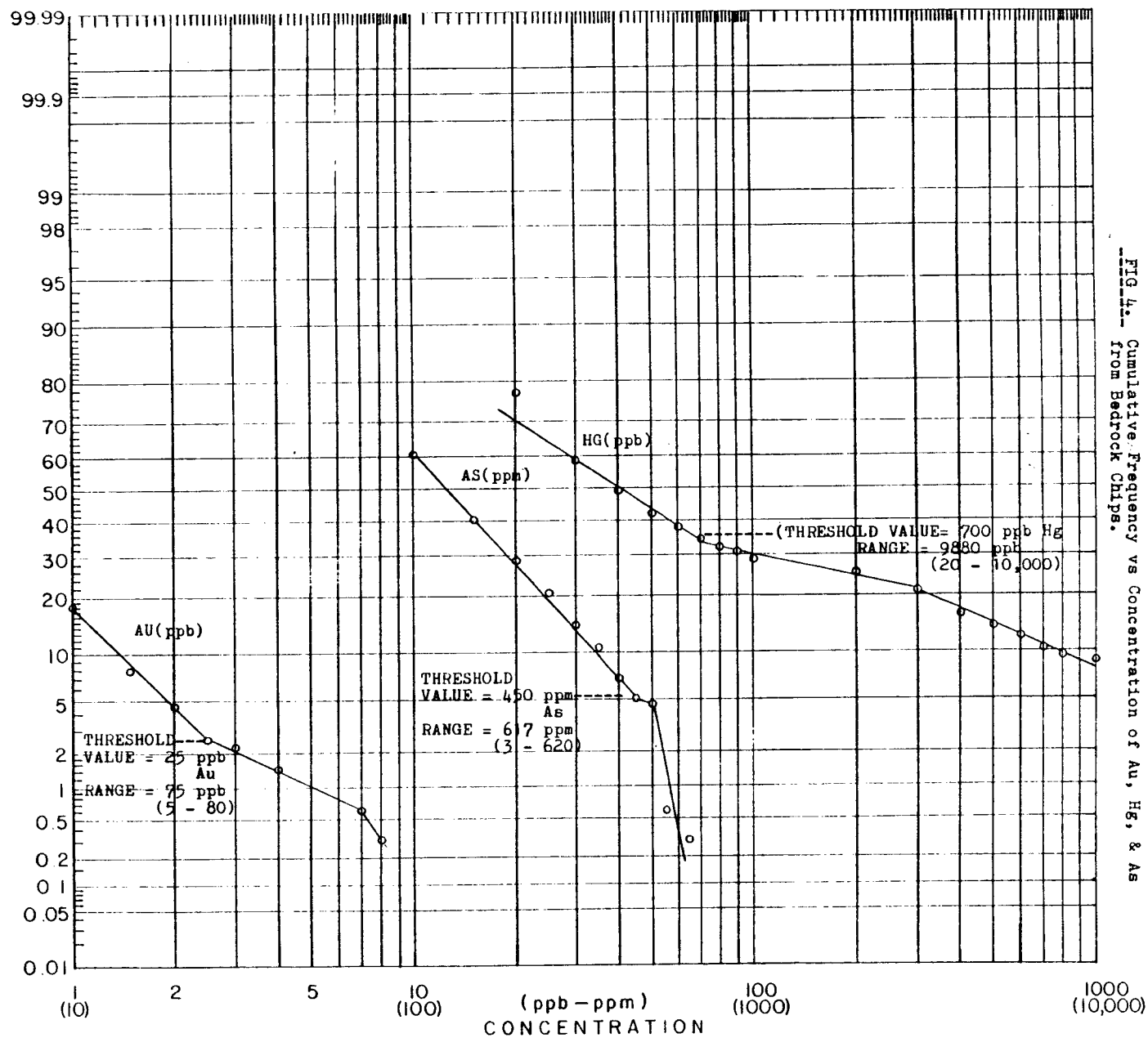
$$S.D. = 34.2$$

$$\bar{x} + 2SD = 97.3 \text{ ppm As}$$

$$\bar{x} = 28.9$$

The anomalous level for As obtained statistically using the background population data is 97 ppm As. The anomalous As geochemical contour is plotted at the 100 ppm level on the soil

W %



geochemistry map which indicates a moderate number of small isolated anomalies.

B- Rock

The assay values for 324 bedrock chip samples appear listed in the appendix and are plotted on the accompanying rock chip geochemical contour map (back pocket). The cumulative frequency of Au, Hg and As vs concentration (figure 4) was plotted to determine the number of existing populations and threshold values for each element. The threshold values were used as the upper limit of the background populations enabling calculations of the mean (\bar{x}) and standard deviation (S.D.) of background populations for the derivation of the anomalous level ($\bar{x} + S.D.$). The distribution of values and geochemical statistics for each element are tabulated below:

TABLE 4 - Au (ppb)

Threshold value from figure 4 = 25 ppb Au

<u>Class Interval</u>	<u>Class Mark (x)</u>	<u>Frequency (f)</u>	<u>CUM %</u>	<u>fx</u>	<u>fx²</u>
1- 5	3	263	100	789	2,367
6- 10	8	36	18.8	288	2,304
11- 15	13	10	7.7	130	1,690
16- 20	18	7	4.6	126	2,268
21- 25	23	1	2.5	23	529
26- 30	-	2	2.2	-	-
36- 40	-	3	1.5	-	-
66- 70	-	1	0.6	-	-
76- 80	-	<u>1</u>	0.3	<u>-</u>	<u>-</u>
		324		1,356	9,158

$$S.D. = \frac{(nE(fx^2) - E(fx)^2)}{n(n-1)} \quad \frac{1}{2} \quad \text{where } n = 317$$

$$S.D. = 3.3 \text{ ppb}$$

$$\bar{x} + 2SD = 12.9 \text{ ppb Au}$$

$$\bar{x} = 6.3 \text{ ppb}$$

The anomalous level for Au obtained statistically using the background population data is 13 ppb Au. The anomalous Au geochemical contour is plotted at the 20 ppb level on the rock chip geochemistry contour plan.

TABLE 5 - Hg (ppb)

Threshold value from figure 4 = 700 ppb Hg

<u>Class Interval</u>	<u>Class Mark (x)</u>	<u>Frequency (f)</u>	<u>CUM %</u>	<u>fx</u>	<u>fx²</u>
1- 100	49.5	74	100.0	3,663	181,318.5
101- 200	150.5	60	77.1	9,030	135,901.5
201- 300	250.5	29	58.5	7,264.5	1,819,757.3
301- 400	350.5	24	49.5	8,412	2,948,406
401- 500	450.5	14	42.1	6,307	2,841,303.5
501- 600	550.5	11	37.8	6,055.5	3,333,552.8
601- 700	650.5	7	34.4	4,553.5	2,962,051.8
701- 800	-	5	32.2	-	-
801- 900	-	7	30.7	-	-
901- 1000	-	10	28.5	-	-
1001- 2000	-	15	25.4	-	-
2001- 3000	-	15	20.7	-	-
3001- 4000	-	6	16.1	-	-
4001- 5000	-	6	14.2	-	-
5001- 6000	-	5	12.4	-	-
6001- 7000	-	4	10.8	-	-
7001- 8000	-	3	9.6	-	-
9001- 10000	-	<u>28</u>	8.7	<u>-</u>	<u>-</u>
		323		45,285.5	15,445,404.9

$$S.D. = \frac{(nE(fx^2) - E(fx)^2)}{n(n-1)} \quad \frac{1}{2}$$

when n = 219

$$S.D. = 167 \text{ ppb}$$

$$\bar{x} + 2SD = 542 \text{ ppb Hg}$$

$$\bar{x} = 208 \text{ ppb}$$

The anomalous level for Hg obtained statistically using the background population data is 542 ppb Hg. The anomalous geochemical contour is plotted at the 500 ppb Hg level on the accompanying geochemical contour plan.

TABLE 6 - As (ppm)

Threshold value from figure 4 = 450 ppm As

<u>Class Interval</u>	<u>Class Mark (x)</u>	<u>Frequency (f)</u>	<u>CUM %</u>	<u>fx</u>	<u>fx²</u>
1- 50	24.5	126	100.0	3,087	75,631.5
51-100	75.5	67	61.1	5,058.5	381,916.75
101-150	125.5	37	40.4	4,643.5	582,759.25
151-200	175.5	27	29.0	4,738.5	831,606.75
201-250	225.5	20	20.7	4,510	1,017,005.
251-300	275.5	11	14.5	3,030.5	834,902.75
301-350	325.5	13	11.1	4,231.5	1,377,353.3
351-400	375.5	6	7.1	2,253	846,001.5
401-450	425.5	2	5.2	851	362,100.5
451-500	-	13	4.6	-	-
501-550	-	1	0.6	-	-
601-650	-	<u>1</u>	0.3	<u>-</u>	<u>-</u>
		324		32,403.5	6,309,277.3

$$S.D. = \frac{(nE(fx^2) - (fx)^2)}{n(n-1)} \frac{1}{2}$$

where n 309

$$S.D. = 97.2 \text{ ppm}$$

$$\bar{x} + 2SD = 299.6 \text{ ppm As}$$

$$\bar{x} = 105.2$$

The anomalous level for As obtained statistically using the background population data is 300 ppm As. The geochemical contour is plotted at the 100 ppm As level on the accompanying geochemical contour plan.

Discussion of Results

The three elements Au, Hg and As returned anomalous values in both the soil and rock chip geochemical surveys. The anomalous values for each element within the Hoodoo Grid are tabulated below with the contour level appearing on the accompanying plans in brackets.

	<u>Au (ppb)</u>	<u>Hg (ppb)</u>	<u>As (ppm)</u>
Soil	23 (50)	485 (500)	97 (100)
Bedrock	13 (20)	542 (500)	300 (100)

The contoured geochemical plans generally indicate a NW trending dispersion which moderately correlates with lithological trends and is in close association with faulting.

There is strong correlation between the soil and bedrock Hg geochemistry with a major anomalous zone lying west of base line zero between 2N and 10N. Isolated Au and As anomalies lie within this Hg halo both in soil and bedrock geochemistry. This zone is characterized by strong surface oxidation that has produced brown, ochre and red gossaneous soils and bedrock. The zone is underlain by Triassic volcanics and sediments (Units 1 & 2 which are windows exposed through the overlying Tertiary volcanic and

sedimentary rocks (units 3, 5 & 6). In addition, this zone lies along a major NW trending fault, a component of the north trending Deadman Valley grabben structure. Extensive fracturing, hematite veinlets and stringers, disseminated pyrite, trace cinnabar, malachite, plus the presence of the small intrusive bodies at surface, are all indicators for a favourable epithermal environment within and proximal to this anomalous Hg zone.

A moderate As anomaly occurs grid north and along strike from the major Hg zone. This As zone is greater than 300 ppm As and lies within the 100 ppm contour extending from 11N to 15 + 50N. This zone is underlain by Tertiary volcanic breccias.

Straddling base line zero, between 9N and 14N, and east of the base line are two strong bedrock Hg anomalous zones. There is no direct correlation of Hg to either Au or As, or to the soil geochemical data. These two zones are underlain by weak to moderate gossaneous cherty calcareous to non-calcareous Triassic sediments (Unit 2B).

Two isolated Au soil geochemical anomalies located at B.L.O./17N and at L19N/3 + 50W, show no correlation to the bedrock geochemistry exposed in the immediate area. The highest value, 435 ppb Au, when resampled could not be duplicated.

The north part of the grid lying between 21N and 33N shows several isolated Au, Hg and As soil anomalies. The bedrock geochemistry indicates a positive correlation to the soil data, with the strongest anomalous zone in Triassic Nicola sediments proximal to the small granodiorite stock. A strong Hg anomaly centered at L12E/21N tends to weaken northward near the margin of the stock. This zone is centered on moderately gossaneous siliceous sediments (Nicola), with trace pyrite and cinnabar observed in the area. Within the granodiorite, trace mineralization of pyrite, molybdenite and malachite was also noted.

Weak Au, As, and moderate Hg anomalies lie northwest of the intrusive in sediments generally consisting of grey limestone with interbedded shaly horizons. Rusty brown gossaneous alteration zones in the carbonate rocks are locally present. One of these zones, L26N/10E, is richly gossaned and is anomalous in Au (70 ppb) and Hg (840 ppb). Minor quartz stringers are also present but no visible mineralization was evident.

A major vertical fault zone cutting the limestone near the north margin of the intrusive strikes north and is strongly hematized in the northeast (L24N/11E) and northwest (L26N/8E) trending fractures. This coupled with the variable strikes and dips of the lithologies, indicate a complex structural history local to the anomalous zone.

A moderate As anomaly trending northwest from B112E/28N to L30/11E is restricted to the Triassic sediments. Isolated Hg anomalies also occur in this unit.

The Triassic volcanic rocks are generally barren of significant geochemical responses to Au, Hg and As. Trace chalcopyrite and malachite however have been observed in andesitic flows (L27N/9E, L2N/2W). Pyrite, magnetite, hematite, epidote and carbonate occur sporadically through the Nicola volcanic assemblage.

In addition to Au, Hg and As, geochemical determinations were also made for Ag. Background values for Ag were only obtained for 100 soil and 191 bedrock samples.

Five (5) rock chip samples were checked for Cu (118-1000 ppm) and 5 for Mo (3-96 ppm), indicating anomalous concentrations, for both are present in the grid area. No attempt here is made to delineate the extent of Cu and/or Mo anomalous zones. It is suggested that areas proximal to the intrusive bodies and coincident with Hg anomalous zones appear more geologically favourable for Cu and Mo mineralization.

Conclusions

The soil and rock chip geochemical surveys have indicated that Au, Hg and As and to a limited extent Cu and Mo, occur anomalously in altered Triassic volcanics and sediments (Nicola Group) and in Tertiary intrusives and volcanic rocks (Kamloops Group). Two anomalous gold zones occur with values reaching 80 ppb and 70 ppb Au. The first zone, lying between 3N and 7N, has a strong coincidental and overlapping Hg anomalous zone with values reaching greater than 10,000 ppb Hg. Isolated As anomalies with values exceeding 500 ppm As occur within this Hg halo. The second gold zone, occurring between 24N to 26N, also has coincidental Hg and As anomalous values. In addition, anomalous Hg zones are also scattered throughout the grid without corresponding anomalous gold values. Arsenic tends to occur anomalously within the Hg zones although this is not unique.

The geochemical anomalous zones occur in association with major faulting and shearing and where extensive hematite staining of the altered rocks is exposed. The geological data along with the geochemical evidence indicates that an epithermal system was active along the major faults and resultant intrusions during Tertiary time.

Recommendations

The present grid appears to have a number of Au and Hg anomalous zones as indicated by soil and rock geochemistry. It is felt that no extensions of the grid, soil and rock chip surveys are warranted unless further testing of the known zones proves encouraging.

Diamond drilling of the anomalous zone between 3N and 8N should consist of at least two holes to test this main area of mineralization. These holes should be drilled with a grid east bearing from the west side of the geochemical anomaly with a dip no steeper than -45° . Care should be taken to watch for changes in hematite veining, the geochemical signature and alteration intensity with depth.

Diamond drilling of the anomalous zone between L24N to L26N should consist of at least one hole to test the depth extensive of this geochemical response.

It should be noted that both zones are centered near Tertiary intrusive rocks where in addition to Au, Hg and As there are also interesting Cu and Mo values.

References

Cockfield, W.E., 1948 Geology and Mineral Deposits of Nicola Map
Area, British Columbia, G.S.C. Memoir 249.

DM CLAIMS - COST STATEMENT

1) Grid Preparation, Geochemical Soil & Rock Chip Surveys,
Geological Survey

October 9, 1980 - November 12, 1980
July 13, 1981 - July 17, 1981

7 man-days at \$118.25 per day \$ 827.75
(AMEX EXPLORATION SERVICES LTD.)

15 man-days at \$80.00 per day 1,200.00
(J.P. GEOPHYSICAL SERVICES)

7 man-days at \$80.00 per day 560.00
(COMPANY EMPLOYEE)

25 man-days at \$125.98 per day 3,149.50
(COMPANY EMPLOYEE)

2) Transportation

Truck Lease 5 weeks at \$125.00 per week. 625.00
Vehicle Operation for 25 days at \$20.00 per day. 500.00

3) Field Support

Flagging, bags, chain thread, shipping charges, 350.00
etc.

4) Food

32 man days at \$17.50 per day. 560.00

5) Geochemical Analysis

Chemex Labs Ltd. - Invoice #40962	1,915.20
Chemex Labs Ltd. - Invoice #41327	1,231.20
Chemex Labs Ltd. - Invoice #41256	1,814.89
Chemex Labs Ltd. - Invoice #I8011367	915.30
Chemex Labs Ltd. - Invoice #I8112927	1,278.45
Chemex Labs Ltd. - Invoice #I8112926	354.78
Chemex Labs Ltd. - Invoice # 8112919	105.53
Chemex Labs Ltd. - Invoice # 8112920	154.35

6) Report

24 man-days at \$125.98 per day 3,023.52

7) Drafting

6 man-days at \$160.00 per day

\$ 960.00

8) Supervision

3 man-days at \$225.00 per day.

675.00

\$20,200.47

AMEX EXPLORATION SERVICES LTD.

A A. (AB) ABLETT

Confidential Work

BUS. 376-0433
RES. 376-7490

1714 CLIFFORD AVE.
V2B 4G6

BOX 286
KAMLOOPS, B.C.

November 25th 1980.

Selco Trust Co
303-535 Thurlow Street,
Vancouver, B.C.

Attention: Mr. Hugh Squair

STATEMENT OF ACCOUNT:

RE: Our Crew Ranjan McArthur and Al Nordick assisting
Mr. Dave Gamble at Savona, grid preparation.

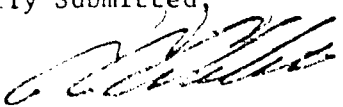
Amex Fees:

Ranjan McArthur 3 days @\$118.25/day \$354.75

Al Nordick 4 days @\$118.25/Day 473.00

Total Requested \$ 827.75

Respectfully Submitted,


A.A. Ablett, President
AMEX EXPLORATION SERVICES LTD

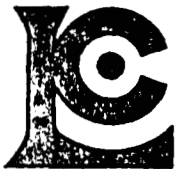
Amex Job Number 80-128

AAA/jm

DATE GOODS RECEIVED <u>Nov 18/80</u>	
PRICES O.K. <u>✓</u>	
EXTENSION CHECKED <u>✓</u>	
O.K. FOR PAYMENT <u>✓</u>	
JOB NUMBER	CODE

200 - 100000

Nov. 27/80
Chg. Dr.



INVOICE

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: 984-0221
AREA CODE: 604
TELEX: 04-352597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

TO: SELCO MINING CORPORATION LIMITED

#303, 535 Thurlow Street

Vancouver, B.C.

V6E 3L2

ATTN: cc - D. Gamble, Kamloops, B.C.

CERTIFICATE NO. A8011244-001

INVOICE NO. 40962

DATE December 4, 1980

	DESCRIPTION	SUB-TOTAL	TOTAL												
304	Analyzed on As and Hg @ \$ 6.50	\$ 1,976.00													
304	Prepared @ \$ 0.50	\$ 152.00													
	Less 10%	\$ 2,128.00 212.80													
	<table><tr><td colspan="2">DATE GOODS RECEIVED</td></tr><tr><td colspan="2">PRICES O.K.</td></tr><tr><td colspan="2">EXTENSION CHECKED</td></tr><tr><td colspan="2">O.K. FOR PAYMENT</td></tr><tr><td>JOB NUMBER</td><td>CODE</td></tr><tr><td>200-10025-2721</td><td></td></tr></table>	DATE GOODS RECEIVED		PRICES O.K.		EXTENSION CHECKED		O.K. FOR PAYMENT		JOB NUMBER	CODE	200-10025-2721			\$ 1,915.20
DATE GOODS RECEIVED															
PRICES O.K.															
EXTENSION CHECKED															
O.K. FOR PAYMENT															
JOB NUMBER	CODE														
200-10025-2721															

TERMS—NET 30 DAYS

1½% Per Month (18% Per Annum) Charged on Overdue Accounts

78-041



INVOICE

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: 984-0221
AREA CODE: 604
TELEX: 04-352597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

TO: Selco Mining Corporation Limited
303 - 535 Thurlow St.,
Vancouver, B.C.
V6E 3L2

CERTIFICATE NO. A8011367-001 to

INVOICE NO. 41256

DATE Dec. 18/80

ATTN:

	DESCRIPTION	SUB-TOTAL	TOTAL
235	Analyzed for As & Hg @ \$6.50	\$1527.50	
1	Analyzed for Cu, Mo & Ag	3.05	
4	Analyzed for Mo & Ag @ \$2.35	9.40	
4	Analyzed for Cu @ \$1.65	6.60	
235	Prepared @ \$2.00 (rocks)	470.00	
		2016.55	
	Less 10%	201.66	
			\$1814.89

DATE GOODS
RECEIVED

QUANTITIES O.K.

EXTENSION CHECKED

O.K. FOR PAYMENT

JOB
NUMBER

CODE

200 - 10075 - (Geochem Anal)

TERMS—NET 30 DAYS

1½% Per Month (18% Per Annum) Charged on Overdue Accounts

78-0



INVOICE

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: 984-0221
AREA CODE: 604
TELEX: 04-352597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

TO: SELCO MINING CORPORATION LTD.
#303, 535 Thurlow Street
Vancouver, B.C.
V6E 3L2

CERTIFICATE NO. A8011244-001/008

INVOICE NO. 41327

ATTN:

DATE Dec. 31, 1980

	DESCRIPTION	SUB-TOTAL	TOTAL
304	Analyzed on Au (FA & AA) @ \$ 4.50	\$ 1,368.00	
	Less 10%	136.80	
			\$ 1,231.20

DATE GOODS RECEIVED	
PRICES O.K.	
EXTENSION CHECKED	
O.K. FOR PAYMENT	
JOB NUMBER	CODE
200 - 10025 - 2720	(see serial book)

TERMS—NET 30 DAYS

1½% Per Month (18% Per Annum) Charged on Overdue Accounts

78-04



CHEMEX LABS LTD.

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604) 984-0221
TELEX: 043-52597

*** INVOICE ***

Client: Selco Mining Corporation Ltd.,
Ste. 303 - 535 Thurlow St.,
Vancouver, B.C.
V6E 3L2

Invoice # : 13112925

Date : 22-AUG-81
P.O. # : NONE
Project :

Invoice for analytical work reported on certificate(s) A8112925-001

Quantity	Analysed for code description	unit price	amount
27	006 - Ag ppm		
	013 - AS ppm		
	020 - Hg ppb		
	100 - AU-FA+AA ppb	14.00	378.00

Sample preparation and other charges :

27	201 - soil + sediment - 80 mesh	0.60	16.20
----	---------------------------------	------	-------

TOTAL \$ 394.20
Discount (10 %) \$ 39.42

Please pay this amount ---> \$ 354.78

Terms: NET 30 DAYS

1% per month (24 % per annum) charged on overdue accounts

DATE GOODS RECEIVED <i>Aug 18/</i>	
PRICES O.K.	
EXTENSION CHECKED <i>[Signature]</i>	
O.K. FOR PAYMENT <i>[Signature]</i>	
JOB NUMBER	CODE

DM Groer



MEMBER
CANADIAN TESTING
ASSOCIATION



CHEMEX LABS LTD.

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

212 BROOKSBANK AVE
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604) 984-0221
TELEX: 043-52597

*** INVOICE ***

To : Selco Mining Corporation Ltd.,
Ste. 303 - 535 Thurlow St.,
Vancouver, B.C.
V6E 3L2

Invoice # : 18112927

Date : 31-AUG-81

P.O. # : NONE

Project

Invoice for analytical work reported on certificate(s) A8112927-001 to -003

Quantity	Analysed for code	description	unit price	amount
88	006 - Ag	ppm		
	013 - AS	ppm		
	020 - Hg	ppb		
	100 - AU-FA+AA	ppb	14.00	1232.00
1	006 - Ag	ppm		
	013 - AS	ppm		
	100 - AU-FA+AA	ppb	10.50	10.50

Sample preparation and other charges :

89	205 - Rock geochem - RING	2.00	178.00
----	---------------------------	------	--------

TOTAL \$ 1420.50
Discount (10 %) \$ 142.05

Please pay this amount ----> \$ 1278.45

TERMS -- NET 30 DAYS

• 0 % per month (24 % per annum) charged on overdue accounts

DATE GOODS RECEIVED <i>Aug 18</i>	
PRICES O.K.	
EXTENSION CHECKED <i>RS</i>	
O.K. FOR PAYMENT	
JOB NUMBER	CODE

D.M. CLAIM Group



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CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

*** INVOICE ***

Client: Selco Mining Corporation Ltd.,
Ste. 303 - 535 Thurlow St.,
Vancouver, B.C.
V6E 3L2

Invoice # : 18112919

Date : 14-AUG-81

P.O. # : NONE

Project

Invoice for analytical work reported on certificate(s) A8112919-001 to -002

Quantity	code	description	unit	price	amount
67	006 - Ag	ppm		1.75	117.25

Sample preparation and other charges :

67	214 - Bag pulp		0.00	0.00
----	----------------	--	------	------

TOTAL \$ 117.25

Discount (10 %) \$ 11.73

Please pay this amount ----> \$ 105.53

=====

TERMS -- NET 30 DAYS

5 % per month (24 % per annum) charged on overdue accounts



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ASSOCIATION



INVOICE

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: 984-0221
AREA CODE: 604
TELEX: 04-352597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

TO: Selco Mining Corporation Ltd.,
STe. 303 - 535 Thurlow St.,
ATTN: Vancouver, B. C.

CERTIFICATE NO. A8011367
INVOICE NO. 18011367
DATE Jan. 7/81

V6E 3L2		DESCRIPTION	SUB-TOTAL	TOTAL
226		Analyzed for Au (Combo) @ \$4.50 LESS 10%	\$1017.00	\$915.30
			101.70	

TERMS—NET 30 DAYS

1½% Per Month (18% Per Annum) Charged on Overdue Accounts

78-0

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

*** INVOICE ***

: Selco Mining Corporation Ltd.,
Ste. 303 - 535 Thurlow St.,
Vancouver, B.C.
V6E 3L2

Invoice # : 18112920

Date : 15-AUG-81

P.O. # : NONE

Project

Invoice for analytical work reported on certificate(s) A8112920-001 to -003

Quantity	code	description	unit	price	amount
98	006 - Ag	ppm		1.75	171.50

Sample preparation and other charges :

98	214 - Bag pulp			0.00	0.00
----	----------------	--	--	------	------

TOTAL \$ 171.50

Discount (10 %) \$ 17.15

Please pay this amount ----> \$ 154.35

=====

5 -- NET 30 DAYS

2 per month (24 % per annum) charged on overdue accounts



MEMBER
CANADIAN TESTING
ASSOCIATION

CERTIFICATE

I, Dave Gamble, of 7182 Blackwell Road, Kamloops, British Columbia hereby certify as follows:

- (1) I am a geologist residing at the above address.
- (2) I am a graduate of the University of Ottawa with an Honours B.Sc. (1973) and have completed two years graduate studies leading to a M.Sc. at Laurentian University.
- (3) I have practised my profession for more than 7 years.
- (4) I supervised and carried out the geological and geochemical work on the Hoodoo Grid, D.M. Claims and interpreted the results of the surveys described herein.
- (5) I hold no interest direct or indirect in the D.M. Claim Group which is the subject of this report.

Respectively submitted,

Kamloops, B.C.
October 28, 1981

A.P.D. Gamble
Project Geologist

CERTIFICATE

I, Hugh Squair of 4287 Stauro Crescent, Vancouver, hereby certify that:

- 1) I am a geologist residing at the above address.
- 2) I am a graduate of the University of Saskatchewan and London with B.A. 1959 and Phd. 1965, degrees in Geology and Mining Geology and have practiced my profession for 15 years.
- 3) I am registered as a member of the Association of Professional Engineers of the Province of Ontario.
- 4) I directed the geological and geochemical work carried out on the D.M. Claim group by Mr. A.P.D. Gamble and attest that the values presented and their spatial relationships to each other are correct within reasonable limits of error.
- 5) I hold no interest direct or indirect in the D.M. Claim group which is the subject of this report.

Vancouver, B.C.
October 10, 1981

Respectively submitted,

Hugh Squair
Hugh Squair



APPENDIX

- 1) Certificates of Analysis Soils
- 2) Certificates of Analysis Rock Chip

CERTIFICATES
OF
ANALYSIS
SOILS



CHEMEX LABS LTD.

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

SOILS

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

CERTIFICATE OF ANALYSIS

TO : Selco Mining Corporation Ltd.,
Ste. 303 - 535 Thurlow St.,
Vancouver, B.C.
V6E 3L2

CERT. # : A8011244-001-A
INVOICE # : 41327
DATE : 31-DEC-80
P.C. # : NONE

CC: D. GAMBLE

Sample description	Prep code	As ppm	Hg ppb	AU-FA+AA ppb			
BL 0+00-0+00N	202	9	70	<5	--	--	--
3L 0+00-1+00N	202	6	90	<5	--	--	--
BL 0+00-2+00N	202	9	60	<5	--	--	--
2N-1E	202	11	60	10	--	--	--
2N-1W	202	11	100	<5	--	--	--
2N-2W	202	16	180	5	--	--	--
2N-3W	202	14	1600	5	--	--	--
2N-4W	202	9	150	<20	--	--	--
2N-5W	202	29	310	10	--	--	--
3L 0+00-3+00N	202	45	2600	<5	--	--	--
3N-1E	202	10	160	N.S.S.	--	--	--
3N-2E	202	7	60	<5	--	--	--
3N-1W	202	10	360	5	--	--	--
3N-2W	202	80	2600	5	--	--	--
3N-3W	202	23	1600	<10	--	--	--
3N-4W	202	9	140	20	--	--	--
3N-5W	202	11	380	5	--	--	--
4N-BL	202	7	110	20	--	--	--
4N-1E	202	11	130	5	--	--	--
4N-2E	202	10	60	5	--	--	--
4N-3E	202	7	50	<10	--	--	--
4N-1W	202	22	280	<20	--	--	--
4N-2W	202	39	740	40	--	--	--
4N-3W	202	10	600	5	--	--	--
4N-4W	202	6	210	10	--	--	--
4N-5W	202	5	320	10	--	--	--
5N-3L	202	100	310	20	--	--	--
5N-1E	202	10	160	175	--	--	--
5N-2E	202	9	100	50	--	--	--
5N-3E	202	10	80	25	--	--	--
5N-1W	202	25	6800	80	--	--	--
5N-2W	202	41	920	20	--	--	--
5N-3W	202	33	630	35	--	--	--
5N-4W	202	25	490	20	--	--	--
5N-5W	202	25	490	30	--	--	--
6N-3L	202	60	90	20	--	--	--
6N-1E	202	12	230	25	--	--	--
6N-2E	202	6	70	<5	--	--	--
6N-3E	202	5	70	15	--	--	--
6N-4E	202	9	60	20	--	--	--

Certified by Hart Bichler



MEMBER
CANADIAN TESTING
ASSOCIATION



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : Selco Mining Corporation Ltd.,
Ste. 303 - 535 Thurlow St.,
Vancouver, B.C.
V6E 3L2

CERT. # : A8011244-002-A
INVOICE # : 41327
DATE : 31-DEC-80
P.O. # : NONE

CC: D. GAMBLE

Sample description	Prep code	As ppm	Hg ppb	AU-FA+AA ppb			
6N-1W	202	180	1800	10	--	--	--
6N-2W	202	45	580	<5	--	--	--
6N-3W	202	33	450	<5	--	--	--
6N-4W	202	81	550	5	--	--	--
6N-5W	202	19	320	10	--	--	--
L7N-BL	202	25	110	10	--	--	--
L7N-1E	202	15	250	5	--	--	--
L7N-2E	202	10	180	10	--	--	--
L7N-3E	202	14	130	15	--	--	--
L7N-4E	202	9	70	5	--	--	--
L7N-1W	202	145	6900	10	--	--	--
L7N-2W	202	30	4400	20	--	--	--
L7N-3W	202	12	260	10	--	--	--
L7N-4W	202	83	480	10	--	--	--
L7N-5W	202	9	80	10	--	--	--
L8N-BL	202	15	490	15	--	--	--
L8N-1E	202	10	130	<5	--	--	--
L8N-2E	202	12	150	10	--	--	--
L8N-3E	202	10	220	15	--	--	--
L8N-4E	202	12	80	10	--	--	--
L8N-1W	202	22	310	10	--	--	--
L8N-2W	202	16	370	5	--	--	--
L8N-3W	202	61	1400	280	--	--	--
L8N-4W	202	10	100	100	--	--	--
L8N-5W	202	75	70	70	--	--	--
9W-BL	202	9	60	5	--	--	--
L9N-1E	202	11	70	5	--	--	--
L9N-2E	202	7	80	5	--	--	--
L9N-3E	202	10	110	<5	--	--	--
L9N-4E	202	19	110	5	--	--	--
L9N-1W	202	14	90	10	--	--	--
L9N-2W	202	16	180	<5	--	--	--
L9N-3W	202	25	560	<5	--	--	--
L9N-4W	202	39	470	5	--	--	--
L9N-5W	202	10	230	5	--	--	--
L9N-6W	202	10	150	<5	--	--	--
L9N-7W	202	22	250	5	--	--	--
L9N-8W	202	9	190	5	--	--	--
L9N-9W	202	9	100	<5	--	--	--
L9N-10W	202	7	60	<5	--	--	--

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CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : Selco Mining Corporation Ltd.,
Ste. 303 - 535 Thurlow St.,
Vancouver, B.C.
V6E 3L2

CERT. # : A8011244-003-A
INVOICE # : 41327
DATE : 31-DEC-80
P.O. # : NONE

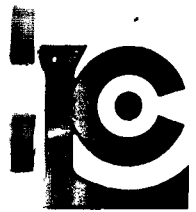
CC: D. GAMBLE

Sample description	Prep code	As ppm	Hg ppb	AU-FA+AA ppb			
L10N-BL	202	9	50	<5	--	--	--
L10N-1E	202	23	150	10	--	--	--
L10N-2E	202	9	70	5	--	--	--
L10N-3E	202	9	80	20	--	--	--
L10N-4E	202	11	60	20	--	--	--
L10N-1W	202	9	90	5	--	--	--
L10N-2W	202	12	190	<5	--	--	--
L10N-3W	202	11	180	<5	--	--	--
L10N-4W	202	23	70	15	--	--	--
L10N-5W	202	9	340	20	--	--	--
L10N-6W	202	7	60	15	--	--	--
L10N-7W	202	6	50	5	--	--	--
L10N-8W	202	5	30	5	--	--	--
L10N-9W	202	7	60	5	--	--	--
L10N-10W	202	7	590	10	--	--	--
L11N-BL	202	7	70	5	--	--	--
L11N-1E	202	6	140	<5	--	--	--
L11N-2E	202	10	80	<5	--	--	--
L11N-3E	202	9	160	<5	--	--	--
L11N-4E	202	10	70	<5	--	--	--
L11N-1W	202	10	100	<5	--	--	--
L11N-2W	202	11	90	<5	--	--	--
L11N-3W	202	90	100	<5	--	--	--
L11N-4W	202	10	80	<5	--	--	--
L11N-5W	202	7	30	15	--	--	--
L11N-6W	202	33	50	<5	--	--	--
L11N-7W	202	7	50	<5	--	--	--
L11N-8W	202	6	180	<5	--	--	--
L11N-9W	202	3	20	<5	--	--	--
L11N-10W	202	3	30	<5	--	--	--
L12N-BL	202	11	110	<5	--	--	--
L12N-1E	202	7	60	<5	--	--	--
L12N-2E	202	9	50	<5	--	--	--
L12N-3E	202	7	70	<5	--	--	--
L12N-4E	202	9	30	<5	--	--	--
L12N-1W	202	11	200	5	--	--	--
L12N-2W	202	14	230	<5	--	--	--
L12N-3W	202	99	420	<5	--	--	--
L12N-4W	202	19	110	<5	--	--	--
L12N-5W	202	15	70	<5	--	--	--

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TELEX: 043-52597

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CERTIFICATE OF ANALYSIS

TO : Selco Mining Corporation Ltd.,
Ste. 303 - 535 Thurlow St.,
Vancouver, B.C.
V6E 3L2

CERT. # : ASC11244-004-7
INVOICE # : 41327
DATE : 31-DEC-80
P.O. # : NONE

CC: D. GAMBLE

Sample description	Prep code	As ppm	Hg ppb	AU-FA+AA ppb			
L12N-6W	202	9	60	<5	--	--	--
L12N-7W	202	10	50	5	--	--	--
L12N-8W	202	11	100	<20	--	--	--
L12N-9W	202	4	20	<20	--	--	--
L12N-10W	202	4	20	<5	--	--	--
L13N-3L	202	7	50	<5	--	--	--
L13N-1E	202	10	30	10	--	--	--
L13N-2E	202	10	30	<5	--	--	--
L13N-3E	202	9	100	5	--	--	--
L13N-4E	202	9	50	5	--	--	--
L13N-1W	202	10	100	15	--	--	--
L13N-2W	202	9	70	<5	--	--	--
L13N-3W	202	225	60	<5	--	--	--
L13N-4W	202	19	100	10	--	--	--
L13N-5W	202	9	80	<10	--	--	--
L13N-6W	202	29	70	<10	--	--	--
L13N-7W	202	57	370	10	--	--	--
L13N-8W	202	15	80	5	--	--	--
L13N-9W	202	5	60	<5	--	--	--
L13N-10W	202	3	30	<5	--	--	--
L14N-8L	202	3	90	<5	--	--	--
L14N-1E	202	7	60	<5	--	--	--
L14N-2E	202	9	100	25	--	--	--
L14N-3E	202	6	50	<5	--	--	--
L14N-4E	202	12	50	5	--	--	--
L14N-1W	202	32	430	<5	--	--	--
L14N-2W	202	115	300	<5	--	--	--
L14N-3W	202	73	1000	<5	--	--	--
L14N-4W	202	97	960	<5	--	--	--
L14N-5W	202	22	210	<5	--	--	--
L14N-6W	202	6	140	5	--	--	--
L14N-7W	202	10	80	<5	--	--	--
L14N-8W	202	29	70	<5	--	--	--
L14N-9W	202	41	160	5	--	--	--
L14N-10W	202	17	270	15	--	--	--
L15N-8L	202	19	80	10	--	--	--
L15N-3W	202	12	330	10	--	--	--
L15N-4W	202	32	80	10	--	--	--
L15N-5W	202	81	100	5	--	--	--
L15N-6W	202	41	110	5	--	--	--

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CERTIFICATE OF ANALYSIS

TO : Selco Mining Corporation Ltd.,
Ste. 303 - 535 Thurlow St.,
Vancouver, B.C.
V6E 3L2

CERT. # : A8011244-005-A
INVOICE # : 41327
DATE : 31-DEC-80
P.O. # : NONE

CC: D. GAMBLE

Sample description	Prep code	As ppm	Hg ppb	AU-FA+AA ppb			
16+00N-BL 0+00	202	10	370	20	--	--	--
17+00N-BL 0+00	202	14	60	435	--	--	--
18N-3L 0+00	202	10	100	15	--	--	--
18N-1E	202	11	90	10	--	--	--
18N-2E	202	24	280	15	--	--	--
18N-1W	202	7	200	10	--	--	--
18N-2W	202	18	60	10	--	--	--
18N-3W	202	195	2400	10	--	--	--
18N-350W	202	19	70	15	--	--	--
19N-3L	202	23	330	25	--	--	--
19N1+50	202	48	120	25	--	--	--
19N-3E	202	16	70	15	--	--	--
19N-1W	202	19	1200	20	--	--	--
19N-2W	202	107	1800	<10	--	--	--
19N-35W	202	25	70	240	--	--	--
L20N-BL	202	225	100	15	--	--	--
L20N-1E	202	45	130	5	--	--	--
L20N-2E	202	10	210	5	--	--	--
L20N-3E	202	9	210	35	--	--	--
L20N-1W	202	39	260	10	--	--	--
L20N-2W	202	120	700	5	--	--	--
L20+65-100ME	202	90	60	10	--	--	--
L20+65-200ME	202	25	100	15	--	--	--
L21N-3L	202	75	270	20	--	--	--
L21N-3L *	202	77	200	45	--	--	--
L21N-1E	202	32	30	<10	--	--	--
L21N-2E	202	23	80	10	--	--	--
L21N-3E	202	17	7300	<5	--	--	--
L21N-8E	202	25	210	5	--	--	--
L21N-9E	202	24	340	10	--	--	--
L21N-10E	202	20	240	210	--	--	--
L21N-11E	202	27	310	5	--	--	--
L21N-12E	202	470	890	215	--	--	--
L21N-13E	202	20	590	15	--	--	--
L21N-14E	202	12	140	25	--	--	--
L21N-1W	202	57	70	10	--	--	--
L21N-2W	202	90	370	<5	--	--	--
L22N-BL	202	25	80	40	--	--	--
L22N-1E	202	25	200	5	--	--	--
L22N-2E	202	32	440	<5	--	--	--

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CERTIFICATE OF ANALYSIS

TO : Selco Mining Corporation Ltd.,
Ste. 303 - 535 Thurlow St.,
Vancouver, B.C.
V6E 3L2

CERT. # : A8011244-005-A
INVOICE # : 41327
DATE : 31-DEC-80
P.O. # : NONE

CC: D. GAMBLE

Sample description	Prep code	As ppm	Hg ppb	AU-FA+AA ppb			
L22N-3E	202	17	350	<5	--	--	--
L22N-8E	202	27	230	<5	--	--	--
L22N-9E	202	27	390	<5	--	--	--
L22N-10E	202	32	2200	10	--	--	--
L22N-11E	202	36	260	<5	--	--	--
L22N-12E	202	33	140	<5	--	--	--
L22N-13E	202	17	220	<5	--	--	--
L22N-14E	202	69	150	<5	--	--	--
L22N-1W	202	53	210	<5	--	--	--
L22N-2W	202	36	180	<10	--	--	--
L23N-BL	202	33	230	<5	--	--	--
L23N-1E	202	15	120	<5	--	--	--
L23N-2E	202	33	460	<5	--	--	--
L23N-3E	202	16	140	<5	--	--	--
L23N-8E	202	25	700	20	--	--	--
L23N-9E	202	15	110	5	--	--	--
L23N-10E	202	45	160	<5	--	--	--
L23N-11E	202	57	80	5	--	--	--
L23N-12E	202	24	130	<5	--	--	--
L23N-13E	202	23	160	<5	--	--	--
L23N-14E	202	45	180	<5	--	--	--
L23N-1W	202	17	320	<5	--	--	--
L23N-2W	202	11	280	5	--	--	--
L23+50N-BL	202	9	130	45	--	--	--
L24N-BL	202	14	360	<5	--	--	--
L24N-1E	202	7	50	<5	--	--	--
L24N-2E	202	32	830	<5	--	--	--
L24N-2E *	202	20	880	<5	--	--	--
L24N-3E	202	125	680	<5	--	--	--
L24N-8E	202	9	190	<10	--	--	--
L24N-9E	202	32	110	<5	--	--	--
L24N-10E	202	41	70	20	--	--	--
L24N-11E	202	135	50	<5	--	--	--
L24N-12E	202	15	70	<5	--	--	--
L24N-13E	202	63	360	15	--	--	--
L24N-14E	202	11	3100	<5	--	--	--
L24N-1W	202	14	90	<5	--	--	--
L24N-2W	202	11	90	<5	--	--	--
L25N-2E	202	5	110	<5	--	--	--
L25N-8E	202	20	150	<5	--	--	--

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CERTIFICATE OF ANALYSIS

TO : Selco Mining Corporation Ltd.,
Ste. 303 - 535 Thurlow St.,
Vancouver, B.C.
V6E 3L2

CERT. # : A6011244-007-A
INVOICE # : 41327
DATE : 31-DEC-80
P.C. # : NONE

CC: D. GAMBLE

Sample description	Prep code	As ppm	Hg ppb	AU-FA+AA ppb			
L25N-9+00E	202	27	730	20	--	--	--
L25N-10E	202	41	350	15	--	--	--
L25N-11E	202	16	350	10	--	--	--
L25N-12E	202	12	70	10	--	--	--
L25N-13E	202	12	170	<5	--	--	--
L25N-14E	202	7	180	5	--	--	--
L26N-2E	202	20	100	<5	--	--	--
L26N-3E	202	63	90	5	--	--	--
L26N-4E	202	24	260	10	--	--	--
L26N-5E	202	180	360	<5	--	--	--
L26N-6E	202	125	320	15	--	--	--
L26N-7E	202	63	190	<5	--	--	--
L26N-8E	202	160	1400	35	--	--	--
L26N-9E	202	41	140	10	--	--	--
L26N-10E	202	11	600	5	--	--	--
L26N-11E	202	9	190	5	--	--	--
L26N-12E	202	7	120	<5	--	--	--
L26N-13E	202	7	180	<5	--	--	--
L26N-14E	202	7	80	<5	--	--	--
L27N-2E	202	29	90	<5	--	--	--
L27N-8E	202	7	60	<5	--	--	--
L27N-9E	202	33	310	5	--	--	--
L27N-10E	202	12	50	5	--	--	--
L27N-11E	202	22	50	<5	--	--	--
L27N-12E	202	9	170	5	--	--	--
L27N-13E	202	6	60	5	--	--	--
L27N-14E	202	10	60	5	--	--	--
L28N-2E	202	23	60	<5	--	--	--
L28N-9E	202	43	130	10	--	--	--
L28N-10E	202	10	100	10	--	--	--
L28N-11E	202	5	50	<5	--	--	--
L28N-12E	202	12	70	5	--	--	--
L28N-13E	202	7	410	<5	--	--	--
L28N-14E	202	17	220	5	--	--	--
L29N-9E	202	30	140	5	--	--	--
L29N-10E	202	15	6700	5	--	--	--
L29N-11E	202	160	190	<5	--	--	--
L29N-12E	202	46	170	10	--	--	--
L29N-13E	202	24	110	5	--	--	--
L29N-14E	202	9	50	<5	--	--	--

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CERTIFICATE OF ANALYSIS

TO : Selco Mining Corporation Ltd.,
Ste. 303 - 535 Thurlow St.,
Vancouver, B.C.
V6E 3L2

CERT. # : A8011244-008-A
INVOICE # : 41327
DATE : 31-DEC-80
P.C. # : NONE

CC: D. GAMBLE

Sample description	Prep code	As ppm	Hg ppb	AU-FA+AA ppb			
L30N-9E	202	>500	410	5	--	--	--
L30N-10E	202	150	180	5	--	--	--
L30N-11E	202	32	250	5	--	--	--
L30N-12E	202	16	90	10	--	--	--
L30N-13E	202	16	120	5	--	--	--
L30N-14E	202	23	60	5	--	--	--
L31N-9E	202	61	110	5	--	--	--
L31N-10E	202	67	140	<5	--	--	--
L31N-11E	202	10	140	10	--	--	--
L31N-12E	202	17	120	10	--	--	--
L31N-13E	202	15	70	10	--	--	--
L31N-14E	202	15	30	10	--	--	--
L32N-9E	202	9	40	5	--	--	--
L32N-10E	202	9	70	10	--	--	--
L32N-11E	202	11	60	<5	--	--	--
L32N-12E	202	25	120	5	--	--	--
L32N-13E	202	14	80	<5	--	--	--
L32N-14E	202	17	190	5	--	--	--
L33N-9E	202	7	110	15	--	--	--
L33N-10E	202	20	120	<5	--	--	--
L33N-11E	202	15	70	5	--	--	--
L33N-12E	202	12	50	<5	--	--	--
L33N-13E	202	53	100	5	--	--	--
L33N-14E	202	14	30	<5	--	--	--

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CERTIFICATE OF ANALYSIS

TO : Selco Mining Corporation Ltd.,
Ste. 303 - 535 Thurlow St.,
Vancouver, B.C.
V6E 3L2

CERT. # : A8112926-001-A
INVOICE # : I8112926
DATE : 22-AUG-81
P.O. # : NONE

ATTN: D. GAMBLE

Sample description	Prep code	Ag ppm	AS ppm	Hg ppm	AU-FA+AA ppm		
13419	201	0.1	110	495	10	--	--
13420	201	0.1	61	490	<5	--	--
13421	201	0.2	7	30	5	--	--
13422	201	0.2	38	1400	<5	--	--
13423	201	0.2	25	170	25	--	--
13424	201	0.1	19	70	25	--	--
13425	201	0.1	59	240	15	--	--
13426	201	0.1	32	100	15	--	--
13427	201	0.1	11	75	20	--	--
13428	201	0.1	19	760	10	--	--
13429	201	0.1	23	90	10	--	--
13430	201	0.1	265	80	15	--	--
13431	201	0.1	11	70	<5	--	--
13432	201	0.1	7	230	10	--	--
13433	201	0.1	10	1000	30	--	--
13434	201	0.1	12	180	10	--	--
13435	201	0.1	12	110	5	--	--
13436	201	0.1	7	150	10	--	--
13437	201	0.1	9	200	10	--	--
13438	201	0.1	6	330	10	--	--
13439	201	0.1	5	40	5	--	--
13440	201	0.1	14	470	<5	--	--
13441	201	0.1	10	75	15	--	--
13442	201	0.1	10	60	5	--	--
13443	201	0.1	11	70	5	--	--
13444	201	0.1	55	170	<5	--	--
13445	201	0.1	20	1000	10	--	--

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TELEPHONE: (604)984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : Selco Mining Corporation Ltd.,
Ste. 303 - 535 Thurlow St.,
Vancouver, B.C.
V6E 3L2

CERT. # : A8112919-001-A
INVOICE # : I8112919
DATE : 14-AUG-81
P.O. # : NONE

ATTN: D. GAMBLE

Sample description	Prep code	Ag ppm					
8LO+00-2+00N	214	0.1	--	--	--	--	--
2N-1E	214	0.1	--	--	--	--	--
2N-1W	214	0.1	--	--	--	--	--
2N-2W	214	0.1	--	--	--	--	--
2N-3W	214	N.S.S.	--	--	--	--	--
2N-4W	214	0.1	--	--	--	--	--
2N-5W	214	0.1	--	--	--	--	--
8LO+00-3+00N	214	0.1	--	--	--	--	--
3N-1E	214	0.1	--	--	--	--	--
3N-2E	214	0.1	--	--	--	--	--
3N-1W	214	N.S.S.	--	--	--	--	--
3N-2W	214	0.1	--	--	--	--	--
3N-3W	214	N.S.S.	--	--	--	--	--
3N-4W	214	N.S.S.	--	--	--	--	--
3N-5W	214	0.1	--	--	--	--	--
L4N-BL	214	0.1	--	--	--	--	--
4N-1E	214	0.1	--	--	--	--	--
4N-2E	214	0.1	--	--	--	--	--
4N-3E	214	0.1	--	--	--	--	--
4N-1W	214	0.1	--	--	--	--	--
4N-2W	214	0.1	--	--	--	--	--
4N-3W	214	0.1	--	--	--	--	--
4N-4W	214	0.1	--	--	--	--	--
4N-5W	214	0.1	--	--	--	--	--
L5N-BL	214	0.1	--	--	--	--	--
5N-1E	214	0.1	--	--	--	--	--
5N-2E	214	0.1	--	--	--	--	--
5N-3E	214	0.1	--	--	--	--	--
5N-1W	214	N.S.S.	--	--	--	--	--
5N-2W	214	0.1	--	--	--	--	--
5N-3W	214	0.1	--	--	--	--	--
5N-4W	214	0.1	--	--	--	--	--
5N-5W	214	0.1	--	--	--	--	--
6N-BL	214	0.1	--	--	--	--	--
6N-1E	214	0.1	--	--	--	--	--
6N-2E	214	0.1	--	--	--	--	--
6N-3E	214	0.1	--	--	--	--	--
6N-4E	214	0.1	--	--	--	--	--
6N-1W	214	0.1	--	--	--	--	--
6N-2W	214	0.1	--	--	--	--	--

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212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

Client : Selco Mining Corporation Ltd.,
Ste. 303 - 535 Thurlow St.,
Vancouver, B.C.
V6E 3L2

CERT. # : A8112919-002-A
INVOICE # : 18112919
DATE : 14-AUG-81
P.O. # : NONE

ATTN: D. GAMBLE

Sample description	Prep code	Ag ppm					
6N-3W	214	0.1	--	--	--	--	--
6N-4W	214	0.1	--	--	--	--	--
6N-5W	214	0.1	--	--	--	--	--
7N-BL	214	0.1	--	--	--	--	--
7N-1E	214	0.1	--	--	--	--	--
7N-2E	214	N.S.S.	--	--	--	--	--
7N-3E	214	0.1	--	--	--	--	--
7N-4E	214	0.1	--	--	--	--	--
7N-1W	214	0.1	--	--	--	--	--
7N-2W	214	0.1	--	--	--	--	--
7N-3W	214	0.1	--	--	--	--	--
7N-4W	214	0.1	--	--	--	--	--
7N-5W	214	0.1	--	--	--	--	--
8N-BL	214	0.1	--	--	--	--	--
8N-1E	214	0.1	--	--	--	--	--
8N-2E	214	0.1	--	--	--	--	--
8N-3E	214	0.1	--	--	--	--	--
8N-4E	214	0.1	--	--	--	--	--
8N-1W	214	0.1	--	--	--	--	--
8N-2W	214	0.1	--	--	--	--	--
8N-3W	214	0.1	--	--	--	--	--
8N-4W	214	0.1	--	--	--	--	--
8N-5W	214	0.1	--	--	--	--	--
9N-BL	214	0.1	--	--	--	--	--
9N-1E	214	0.1	--	--	--	--	--
9N-2E	214	0.1	--	--	--	--	--
9N-3E	214	0.1	--	--	--	--	--
9N-4E	214	0.1	--	--	--	--	--
9N-1W	214	0.1	--	--	--	--	--
9N-2W	214	0.1	--	--	--	--	--
9N-3W	214	0.1	--	--	--	--	--
9N-4W	214	0.1	--	--	--	--	--
9N-5W	214	0.1	--	--	--	--	--

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• ANALYTICAL CHEMISTS

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NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604) 984-0221
TELEX: 043-52597

CERTIFICATE OF ANALYSIS

TO : Selco Mining Corporation Ltd.,
Ste. 303 - 535 Thurlow St.,
Vancouver, B.C.
V6E 3L2

CERT. # : A8011367-001-A
INVOICE # : 18011367
DATE : 07-JAN-81
P.C. # : NONE

c.c. DAVID GAMBLE

Sample description	Prep code	Cu ppm	Mo ppm	Ag ppm	As ppm	Hg ppb	AU-FA+AA ppb
12814	205	--	--	--	15	40	20
12815	205	--	--	--	45	460	10
12816	205	--	--	--	500	>10000	40
12817	205	--	--	--	285	>10000	40
12818	205	--	--	--	25	560	5
12819	205	--	--	--	500	340	<5
12820	205	--	--	--	95	120	5
12821	205	--	--	--	110	140	20
12822	205	--	--	--	500	240	<5
12823	205	--	--	--	7	840	70
12824	205	--	--	--	53	250	<5
12825	202	--	--	--	45	150	5
12826	205	--	--	--	33	360	5
12827	205	--	--	--	57	300	5
12828	205	--	--	--	>500	170	5
12829	205	--	--	--	35	90	<5
12830	205	--	--	--	14	100	<5
12831	205	--	--	--	7	50	<5
12832	205	--	--	--	15	150	<5
12833	205	--	--	--	14	120	5
12834	205	--	--	--	19	310	<5
12835	205	--	--	--	5	180	10
12836	205	--	--	--	29	230	5
12837	205	--	--	--	39	140	5
12838	205	--	--	--	35	70	<5
12839	205	--	--	--	23	120	10
12840	205	--	--	--	20	130	5
12841	205	--	--	--	43	110	5
12842	205	--	--	--	17	100	5
12843	205	--	--	--	100	150	5
12844	205	--	--	--	12	70	<5
12845	205	--	--	--	12	230	5
12846	205	--	--	--	115	930	10
12847	205	--	--	--	46	950	5
12848	205	--	--	--	14	210	<5
12849	205	--	--	--	12	260	<5
12850	205	--	--	--	12	160	<5
12851	205	--	--	--	145	950	<5
12852	205	--	--	--	88	4900	20
12853	205	--	--	--	36	150	<5

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NORTH VANCOUVER, B.C.
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TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : Selco Mining Corporation Ltd.,
Ste. 303 - 535 Thurlow St.,
Vancouver, B.C.
V6E 3L2

CERT. # : A8011367-004-A
INVOICE # : 18011367
DATE : 07-JAN-81
P.L.C. # : NONE

c.c. DAVID GAMBLE

Sample description	Prep code	Cu ppm	Mo ppm	Ag ppm	As ppm	Hg ppb	AL-FA+AA ppb
12934	205	--	--	--	500	240	5
12935	205	--	--	--	11	90	<3
12936	205	--	--	--	7	120	5
12937	205	--	--	--	16	380	5
12938	205	--	--	--	83	6700	<5
12939	205	--	--	--	16	3100	10
12940	205	--	--	--	10	>10000	5
12941	205	--	--	--	175	690	5
12942	205	--	--	--	300	5400	5
12943	205	--	--	--	4	650	<5
12944	205	225	--	--	10	130	5
12945	205	--	--	--	160	110	5
12946	205	--	--	--	215	1300	<5
12947	205	--	--	--	215	540	<5
12948	205	--	--	--	145	150	5
12949	205	--	--	--	335	5600	<5
12950	205	--	--	--	180	160	5
12951	205	--	--	--	150	120	5
12952	205	--	--	--	315	210	<5
12953	205	--	--	--	300	4600	5
12954	205	1000	--	--	145	>10000	10
12955	205	710	--	--	100	>10000	5
12956	205	--	--	--	180	920	<5
12957	205	--	--	--	55	>10000	15
12958	205	--	--	--	165	>10000	<5
12959	205	--	--	--	350	>10000	20
12960	205	118	--	--	415	>10000	10
12961	205	--	--	--	350	>10000	40
12962	205	--	--	--	100	3400	10
12963	205	--	--	--	10	1800	20
12964	205	--	--	--	33	2600	<5
12965	205	--	--	--	100	220	30
12966	205	--	--	--	31	1700	15
12967	205	--	--	--	11	130	30
12968	205	--	--	--	12	320	5
12969	205	--	--	--	22	2200	5
12970	205	--	--	--	51	>10000	5
12971	205	--	--	--	200	440	5
12972	205	--	--	--	115	>10000	5
12973	205	--	--	--	400	2700	<5

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CHEMEX LABS LTD.

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NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : Selco Mining Corporation Ltd.,
Ste. 303 - 535 Thurlow St.,
Vancouver, B.C.
V6E 3L2

CERT. # : A3011367-002-A
INVOICE # : I8011367
DATE : 07-JAN-81
P.C. # : NONE

C.C. DAVID GAMBLE

Sample description	Prep code	Cu ppt	Mo ppm	Ag ppt	As ppt	Hg ppt	AU-FA+AA ppt
12854	205	--	--	--	7	150	<5
12855	205	--	--	--	29	430	5
12856	205	--	--	--	65	70	<5
12857	205	--	--	--	100	110	<5
12858	205	--	--	--	36	90	5
12859	205	--	--	--	9	70	5
12860	205	--	--	--	33	120	<5
12861	205	--	--	--	285	360	<5
12862	205	--	--	--	73	70	20
12863	205	--	57	0.1	95	210	10
12864	205	--	95	0.1	150	530	10
12865	205	--	96	0.1	145	70	5
12866	205	--	4	0.1	125	800	10
12867	205	285	3	0.1	27	470	<5
12868	205	--	--	--	20	30	<5
12869	205	--	--	--	23	250	<5
12870	205	--	--	--	3	160	<5
12871	205	--	--	--	12	230	<5
12872	205	--	--	--	105	260	5
12873	205	--	--	--	95	140	<5
12874	205	--	--	--	43	220	<5
12875	205	--	--	--	10	70	5
12876	205	--	--	--	33	930	5
12877	205	--	--	--	10	>10000	5
12878	205	--	--	--	10	>10000	10
12879	205	--	--	--	23	>10000	5
12880	205	--	--	--	5	2300	5
12881	205	--	--	--	120	440	<5
12882	205	--	--	--	48	400	5
12883	205	--	--	--	20	150	<5
12884	205	--	--	--	29	>10000	10
12885	205	--	--	--	22	310	<5
12886	205	--	--	--	11	1200	5
12887	205	--	--	--	45	60	<5
12888	205	--	--	--	>500	230	5
12889	205	--	--	--	12	90	<5
12890	205	--	--	--	5	220	<5
12891	205	--	--	--	22	210	20
12892	205	--	--	--	30	1400	<5
12893	205	--	--	--	5	120	<5

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212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : Selco Mining Corporation Ltd.,
Ste. 303 - 535 Thurlow St.,
Vancouver, B.C.
V6E 3L2

CERT. # : A8011367-003-1
INVOICE # : I8011367
DATE : 07-JAN-81
P.O. # : NONE

c.c. DAVID GAMBLE

Sample description	Prep code	Cu ppm	Mo ppm	Ag ppm	As ppm	Hg ppb	AL-FA+AA ppb
12894	205	--	--	--	14	80	<5
12395	205	--	--	--	315	360	<5
12896	205	--	--	--	6	80	10
12897	205	--	--	--	460	720	<5
12898	205	--	--	--	19	1600	10
12899	205	--	--	--	265	390	<5
12900	205	--	--	--	145	50	<5
12901	205	--	--	--	325	40	15
12902	205	--	--	--	38	200	<5
12903	205	--	--	--	22	140	<5
12904	205	--	--	--	75	80	<5
12905	205	--	--	--	46	210	<5
12906	205	--	--	--	33	9500	<5
12907	205	--	--	--	11	1000	<5
12908	205	--	--	--	24	6600	<5
12909	205	--	--	--	14	3400	5
12910	205	--	--	--	23	>10000	5
12911	205	--	--	--	135	750	5
12912	205	--	--	--	50	4600	5
12913	205	--	--	--	61	660	5
12914	205	--	--	--	115	2200	5
12915	205	--	--	--	145	180	<5
12916	205	--	--	--	160	510	<5
12917	205	--	--	--	200	150	5
12918	205	--	--	--	250	1600	10
12919	205	--	--	--	300	80	5
12920	205	--	--	--	190	130	5
12921	205	--	--	--	225	150	10
12922	205	--	--	--	40	90	5
12923	205	--	--	--	150	70	5
12924	205	--	--	--	32	>10000	<5
12925	205	--	--	--	80	2700	5
12926	205	--	--	--	110	>10000	80
12927	205	--	--	--	135	4900	5
12928	205	--	--	--	250	1800	5
12929	205	--	--	--	335	510	15
12930	205	--	--	--	385	290	15
12931	205	--	--	--	240	320	15
12932	205	--	--	--	165	160	15
12933	205	--	--	--	160	2300	<5

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CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : Selco Mining Corporation Ltd.,
Ste. 303 - 535 Thurlow St.,
Vancouver, B.C.
V6E 3L2

CERT. # : A8011367-005-A
INVOICE # : I8011367
DATE : 07-JAN-81
P.C. # : NONE

c.c. DAVID GAMBLE

Sample description	Prep code	Cu ppm	Mo ppm	Ag ppm	As ppm	Hg ppb	AU-FA+AA ppb
12974	205	--	--	--	235	1000	5
12975	205	--	--	--	125	>10000	5
12976	205	--	--	--	94	210	<5
12977	205	--	--	--	215	130	5
12978	205	--	--	--	135	690	15
12979	205	--	--	--	225	>10000	<5
12980	205	--	--	--	160	100	5
12981	205	--	--	--	165	160	<5
12982	205	--	--	--	145	100	<5
12983	205	--	--	--	120	>10000	<5
12984	205	--	--	--	195	160	<5
12985	205	--	--	--	215	340	5
12986	205	--	--	--	265	250	<5
12987	205	--	--	--	71	270	5
12988	205	--	--	--	125	360	<5
12989	205	--	--	--	51	940	10
12990	205	--	--	--	51	730	5
12991	205	--	--	--	14	700	<5
12992	205	--	--	--	135	>10000	<5
12993	205	--	--	--	12	2400	10
12994	205	--	--	--	59	80	5
12995	205	--	--	--	35	2900	5
12996	205	--	--	--	69	610	5
12997	205	--	--	--	53	100	5
12998	205	--	--	--	94	190	<5
12999	205	--	--	--	125	320	5
13000	205	--	--	--	45	930	<5
13001	205	--	--	--	355	1600	<5
13002	205	--	--	--	345	820	<5
13003	205	--	--	--	135	5600	<5
13004	205	--	--	--	57	150	<5
13005	205	--	--	--	79	350	<5
13006	205	--	--	--	195	130	5
13007	205	--	--	--	73	410	<5
13008	205	--	--	--	63	4000	<5
13009	205	--	--	--	53	60	<5
13010	205	--	--	--	225	120	<5
13011	205	--	--	--	12	6900	5
13012	205	--	--	--	12	930	5
13013	205	--	--	--	22	510	<5

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212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : Salco Mining Corporation Ltd.,
Ste. 303 - 535 Thurlow St.,
Vancouver, B.C.
V6E 3L2

CERT. # : A8011367-006-A
INVOICE # : I8011367
DATE : 07-JAN-81
P.C. # : NONE

c.c. DAVID GAMBLE

Sample description	Prep code	Cu ppr	Mo ppm	Ag ppm	As ppm	Hg ppb	AL-FA+AA ppb
13014	205	--	--	--	5	60	5
13015	205	--	--	--	65	50	<5
13016	205	--	--	--	400	30	<5
13017	205	--	--	--	180	20	<5
13018	205	--	--	--	145	50	<5
13019	205	--	--	--	130	40	<5
13020	205	--	--	--	150	20	<5
13021	205	--	--	--	10	50	<5
13022	205	--	--	--	10	20	<5
13023	205	--	--	--	10	30	<5
13024	205	--	--	--	75	30	<5
13025	205	--	--	--	415	180	<5
13026	205	--	--	--	50	3400	<5
13027	205	--	--	--	500	50	5
13028	205	--	--	--	225	500	<5
13029	205	--	--	--	>500	210	<5
13030	205	--	--	--	315	70	<5
13031	205	--	--	--	500	110	<5
13032	205	--	--	--	385	50	<5
13033	205	--	--	--	500	50	<5
13034	205	--	--	--	43	620	<5
13035	205	--	--	--	500	150	<5
13036	205	--	--	--	160	530	<5
13037	205	--	--	--	80	470	5
13038	205	--	--	--	60	70	<5
13039	205	--	--	--	75	50	<5
13040	205	--	--	--	60	350	<5
13041	205	--	--	--	30	7300	<5
13042	205	--	--	--	60	310	<5
13043	205	--	--	--	80	5000	<5
13044	205	--	--	--	145	100	<5
13045	205	--	--	--	200	190	<5
13046	205	--	--	--	400	470	<5
13047	205	--	--	--	25	40	5
13048	205	--	--	--	10	40	<5

Certified by *Frank Richter*



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CANADIAN TESTING
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CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : Selco Mining Corporation Ltd.,
Ste. 303 - 535 Thurlow St.,
Vancouver, B.C.
V6E 3L2

CERT. # : A8112920-001-A
INVOICE # : 18112920
DATE : 15-AUG-81
P.O. # : NONE

ATTN: D. GAMBLE

Sample description	Prep code	Ag ppm					
12816	214	0.1	--	--	--	--	--
12817	214	0.1	--	--	--	--	--
12819	214	0.1	--	--	--	--	--
12822	214	0.1	--	--	--	--	--
12823	214	0.1	--	--	--	--	--
12828	214	0.1	--	--	--	--	--
12846	214	0.1	--	--	--	--	--
12847	214	0.1	--	--	--	--	--
12851	214	0.1	--	--	--	--	--
12852	214	0.1	--	--	--	--	--
12861	214	0.1	--	--	--	--	--
12877	214	0.1	--	--	--	--	--
12878	214	0.1	--	--	--	--	--
12879	214	0.1	--	--	--	--	--
12880	214	0.1	--	--	--	--	--
12884	214	0.1	--	--	--	--	--
12886	214	0.1	--	--	--	--	--
12888	214	0.1	--	--	--	--	--
12892	214	0.1	--	--	--	--	--
12898	214	0.1	--	--	--	--	--
12906	214	0.1	--	--	--	--	--
12907	214	0.1	--	--	--	--	--
12908	214	0.1	--	--	--	--	--
12909	214	0.1	--	--	--	--	--
12910	214	0.1	--	--	--	--	--
12911	214	0.1	--	--	--	--	--
12912	214	0.1	--	--	--	--	--
12913	214	0.1	--	--	--	--	--
12914	214	0.1	--	--	--	--	--
12916	214	0.1	--	--	--	--	--
12918	214	0.1	--	--	--	--	--
12924	214	0.1	--	--	--	--	--
12925	214	0.1	--	--	--	--	--
12926	214	0.1	--	--	--	--	--
12927	214	0.1	--	--	--	--	--
12928	214	0.1	--	--	--	--	--
12929	214	0.1	--	--	--	--	--
12933	214	0.1	--	--	--	--	--
12934	214	0.1	--	--	--	--	--
12938	214	0.1	--	--	--	--	--

Certified by *Hart Bickler*



MEMBER
CANADIAN TESTING
ASSOCIATION



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : Selco Mining Corporation Ltd.,
Ste. 303 - 535 Thurlow St.,
Vancouver, B.C.
V6E 3L2

CERT. # : A8112920-002-A
INVOICE # : I8112920
DATE : 15-AUG-81
P.O. # : NONE

ATTN: D. GAMBLE

Sample description	Prep code	Ag ppm					
12939	214	0.1	--	--	--	--	--
12940	214	0.1	--	--	--	--	--
12941	214	0.1	--	--	--	--	--
12942	214	0.1	--	--	--	--	--
12943	214	0.1	--	--	--	--	--
12946	214	0.1	--	--	--	--	--
12947	214	0.1	--	--	--	--	--
12949	214	0.1	--	--	--	--	--
12953	214	0.1	--	--	--	--	--
12954	214	0.5	--	--	--	--	--
12955	214	0.1	--	--	--	--	--
12956	214	0.1	--	--	--	--	--
12957	214	0.1	--	--	--	--	--
12958	214	0.1	--	--	--	--	--
12959	214	0.1	--	--	--	--	--
12960	214	0.1	--	--	--	--	--
12961	214	0.1	--	--	--	--	--
12962	214	0.1	--	--	--	--	--
12963	214	0.1	--	--	--	--	--
12964	214	0.1	--	--	--	--	--
12966	214	0.1	--	--	--	--	--
12969	214	0.1	--	--	--	--	--
12970	214	0.1	--	--	--	--	--
12972	214	0.1	--	--	--	--	--
12973	214	0.1	--	--	--	--	--
12974	214	0.1	--	--	--	--	--
12975	214	0.1	--	--	--	--	--
12979	214	0.1	--	--	--	--	--
12983	214	0.1	--	--	--	--	--
12989	214	0.1	--	--	--	--	--
12990	214	0.1	--	--	--	--	--
12991	214	0.1	--	--	--	--	--
12992	214	0.1	--	--	--	--	--
12993	214	0.1	--	--	--	--	--
12995	214	0.1	--	--	--	--	--
12996	214	0.1	--	--	--	--	--
13000	214	0.1	--	--	--	--	--
13001	214	0.1	--	--	--	--	--
13002	214	0.1	--	--	--	--	--
13003	214	0.1	--	--	--	--	--

Certified by *Stan D. ...*



MEMBER
CANADIAN TESTING
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CHEMEX LABS LTD.

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• GEOCHEMISTS

• REGISTERED ASSAYERS

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

CERTIFICATE OF ANALYSIS

TO : Selco Mining Corporation Ltd.,
Ste. 303 - 535 Thurlow St.,
Vancouver, B.C.
V6E 3L2

CERT. # : A8112920-003-A
INVOICE # : 18112920
DATE : 15-AUG-81
P.O. # : NONE

ATTN: D. GAMBLE

Sample description	Prep code	Ag ppm					
13008	214	0.1	--	--	--	--	--
13011	214	0.1	--	--	--	--	--
13012	214	0.1	--	--	--	--	--
13013	214	0.1	--	--	--	--	--
13016	214	0.1	--	--	--	--	--
13025	214	0.1	--	--	--	--	--
13026	214	0.1	--	--	--	--	--
13027	214	0.1	--	--	--	--	--
13028	214	0.1	--	--	--	--	--
13029	214	0.1	--	--	--	--	--
13031	214	0.1	--	--	--	--	--
13033	214	0.1	--	--	--	--	--
13034	214	0.1	--	--	--	--	--
13035	214	0.1	--	--	--	--	--
13036	214	0.1	--	--	--	--	--
13041	214	0.1	--	--	--	--	--
13043	214	0.1	--	--	--	--	--
13046	214	0.1	--	--	--	--	--

Certified by *Hans Richter*



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212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

CERTIFICATE OF ANALYSIS

TO : Selco Mining Corporation Ltd.,
Ste. 303 - 535 Thurlow St.,
Vancouver, B.C.
V6E 3L2

CERT. # : A8112927-001-A
INVOICE # : 18112927
DATE : 31-AUG-81
P.C. # : NONE

ATTN: D. GAMBLE

Sample description	Prep code	Ag ppm	AS ppm	Hg ppb	AU-FA+AA ppb		
13446	205	0.1	27	2000	<5	--	--
13447	205	0.1	50	240	<5	--	--
13448	205	0.1	220	6900	10	--	--
13449	205	0.1	57	1600	5	--	--
13450	205	0.1	67	2500	<5	--	--
13451	205	0.1	120	530	<5	--	--
13452	205	0.1	32	5100	<5	--	--
13453	205	0.1	95	7800	<5	--	--
13454	205	0.1	53	9700	5	--	--
13455	205	0.1	9	3000	<5	--	--
13456	205	0.1	145	9500	5	--	--
13457	205	0.1	65	1300	<5	--	--
13458	205	0.1	65	3200	5	--	--
13459	205	0.1	170	100	10	--	--
13460	205	0.1	110	90	5	--	--
13461	205	0.1	620	80	5	--	--
13462	205	0.1	300	50	5	--	--
13463	205	0.1	185	210	10	--	--
13464	205	0.1	57	250	5	--	--
13465	205	0.1	51	910	5	--	--
13466	205	0.1	29	340	10	--	--
13467	205	0.1	7	1400	5	--	--
13468	205	0.1	12	280	5	--	--
13469	205	0.1	25	90	5	--	--
13470	205	0.1	39	315	5	--	--
13471	205	0.1	22	520	10	--	--
13472	205	0.1	39	380	10	--	--
13473	205	0.1	150	>10000	5	--	--
13474	205	0.1	39	2400	5	--	--
13475	205	0.1	100	890	5	--	--
13476	205	0.1	27	420	5	--	--
13477	205	0.1	23	350	5	--	--
13478	205	0.1	46	7500	25	--	--
13479	205	0.1	195	850	10	--	--
13480	205	0.1	10	400	5	--	--
13481	205	0.1	59	135	10	--	--
13482	205	0.1	12	55	15	--	--
13483	205	0.1	140	>10000	5	--	--
13484	205	0.1	43	380	5	--	--
13485	205	0.1	36	160	5	--	--

Certified by

Harry Bickle

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212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

CERTIFICATE OF ANALYSIS

TO : Selco Mining Corporation Ltd.,
Ste. 303 - 535 Thurlow St.,
Vancouver, B.C.
V6E 3L2

CERT. # : A8112927-C02-A
INVOICE # : I8112927
DATE : 31-AUG-81
P.C. # : NONE

ATTN: D. GAMBLE

Sample description	Prep code	Ag ppm	AS ppm	Hg ppb	AU-FA+AA ppb		
13486	205	0.1	170	40	10	--	--
13487	205	0.1	33	30	5	--	--
13488	205	0.1	220	380	<5	--	--
13489	205	0.1	280	570	5	--	--
13490	205	0.1	215	2400	<5	--	--
13491	205	0.1	250	120	5	--	--
13492	205	0.1	46	2800	5	--	--
13493	205	0.1	92	90	5	--	--
13494	205	0.1	12	220	<5	--	--
13495	205	0.1	17	110	10	--	--
13496	205	0.1	85	50	5	--	--
13497	205	0.1	69	120	<5	--	--
13498	205	0.1	79	120	5	--	--
13499	205	0.1	65	140	5	--	--
13500	205	0.1	33	35	<5	--	--
13501	205	0.1	53	165	<5	--	--
13502	205	0.1	19	1800	5	--	--
13503	205	0.1	160	170	10	--	--
13504	205	0.1	330	100	5	--	--
13505	205	0.1	92	3400	<5	--	--
13506	205	0.1	75	610	5	--	--
13507	205	0.1	18	350	10	--	--
13508	205	0.1	22	370	5	--	--
13509	205	0.1	120	1200	5	--	--
13510	205	0.1	90	65	<5	--	--
13511	205	0.1	260	480	<5	--	--
13512	205	0.1	11	460	<5	--	--
13513	205	0.1	61	75	5	--	--
13514	205	0.1	220	430	5	--	--
13515	205	0.1	240	160	5	--	--
13516	205	0.1	330	65	10	--	--
13517	205	0.1	115	70	5	--	--
13518	205	0.1	69	4200	10	--	--
13519	205	0.1	17	185	15	--	--
13520	205	0.1	7	120	10	--	--
13521	205	0.1	200	100	5	--	--
13522	205	0.1	350	2400	<5	--	--
13523	205	0.1	340	120	<5	--	--
13524	205	0.1	230	430	<5	--	--
13525	205	0.1	17	85	<5	--	--



MEMBER
CANADIAN TESTING
ASSOCIATION

Certified by *H. B. Biddle...*



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212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

CERTIFICATE OF ANALYSIS

TO : Selco Mining Corporation Ltd.,
Ste. 303 - 535 Thurlow St.,
Vancouver, B.C.
V6E 3L2

CERT. # : A8112927-C03-A
INVOICE # : I8112927
DATE : 31-AUG-81
P.C. # : NONE

ATTN: D. GAMBLE

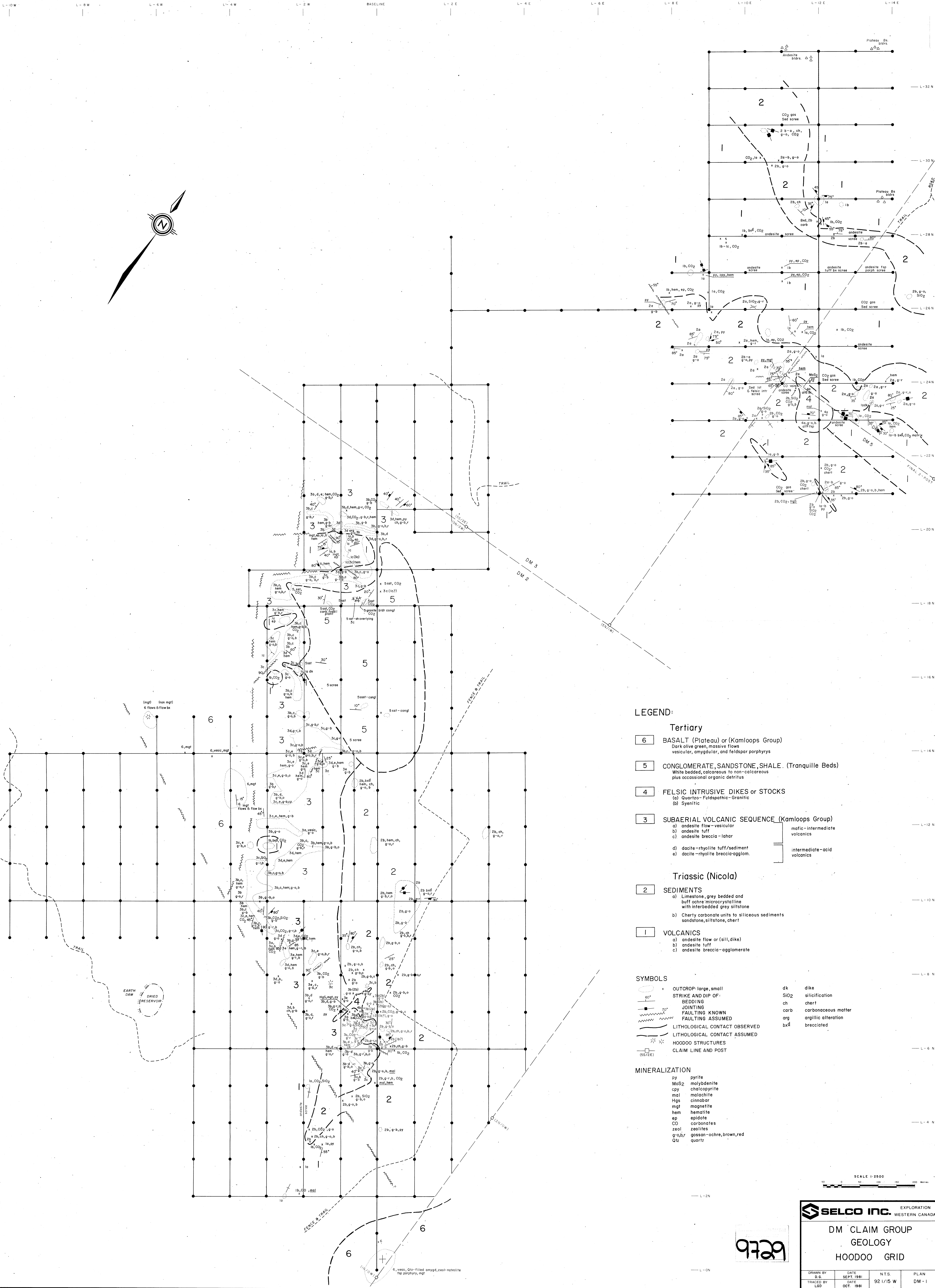
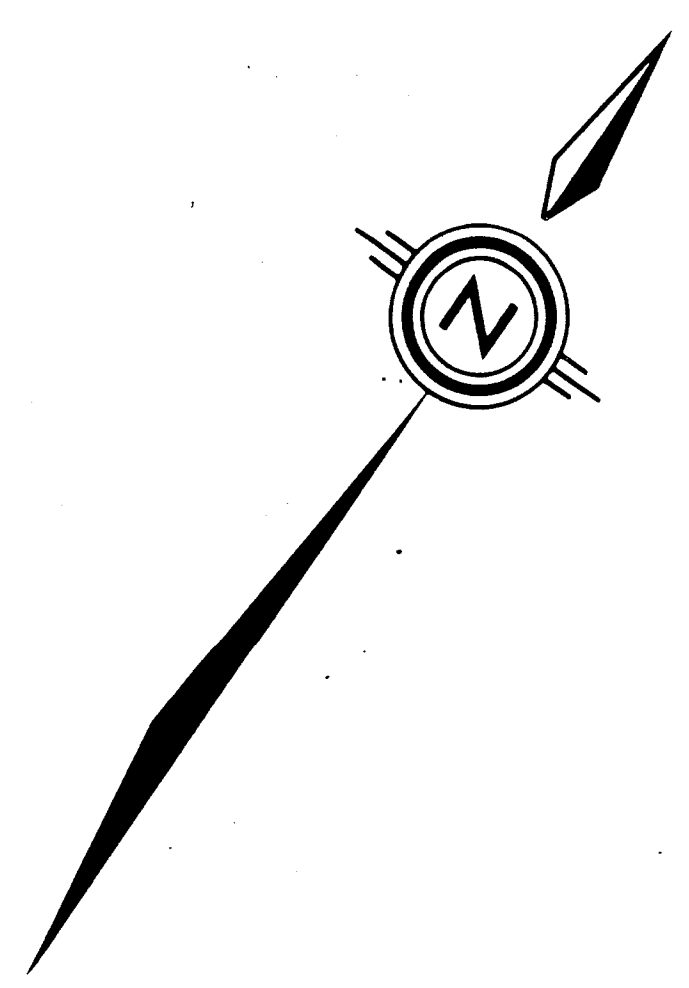
Sample description	Prep code	Ag ppm	AS ppm	Hg ppb	AU-FA+AA ppb		
13526	205	0.1	9	50	5	--	--
13527	205	0.1	55	70	<5	--	--
13528	205	0.1	53	N.S.S.	<10	--	--
13529	205	0.1	170	25	<5	--	--
13530	205	0.1	490	75	5	--	--
13531	205	0.1	550	30	<5	--	--
13532	205	0.1	170	50	<5	--	--
13533	205	0.1	210	200	10	--	--
13534	205	0.1	215	900	5	--	--



MEMBER
CANADIAN TESTING
ASSOCIATION

Certified by

Hart Bickler



LEGEND:

- Tertiary**
- 6 BASALT (Plateau) or (Kamloops Group)**
Dark olive green, massive flows
vesicular, amygdular, and feldspar porphyries
 - 5 CONGLOMERATE, SANDSTONE, SHALE. (Tranquille Beds)**
White bedded, calcareous to non-calcareous
plus occasional organic detritus
 - 4 FELSIC INTRUSIVE DIKES or STOCKS**
(a) Quartz-Feldspathic-Granitic
(b) Syenitic
 - 3 SUBAERIAL VOLCANIC SEQUENCE (Kamloops Group)**
 - a) andesite flow-vesicular
 - b) andesite tuff
 - c) andesite breccia-lahar
 - d) dacite-rhyolite tuff/sediment
 - e) dacite-rhyolite breccia-agglom.
- Triassic (Nicola)**
- 2 SEDIMENTS**
 - a) Limestone, grey bedded and
buff ochre micocrystalline
with interbedded grey siltstone
 - b) Cherty carbonate units to siliceous sediments
sandstone, siltstone, chert
 - 1 VOLCANICS**
 - a) andesite flow or (sill, dike)
 - b) andesite tuff
 - c) andesite breccia-agglomerate


SYMBOLS

- OUTCROP: large, small
 - STRIKE AND DIP OF BEDDING
 - JOINTING
 - FAULTING KNOWN
 - FAULTING ASSUMED
 - LITHOLOGICAL CONTACT OBSERVED
 - LITHOLOGICAL CONTACT ASSUMED
 - HOODOO STRUCTURES
 - CLAIM LINE AND POST
- dk dike
SiO₂ silicification
ch chert
carb carbonaceous matter
arg argillitic alteration
bx brecciated

MINERALIZATION

- py pyrite
- MoS₂ molybdenite
- cpy chalcopyrite
- mal malachite
- Hgs cinnabar
- mgf magnetite
- hem hematite
- ep epidote
- CO carbonates
- zeol zeolites
- goss gossan-ochre, brown, red
- Qtz quartz

SCALE 1:2500

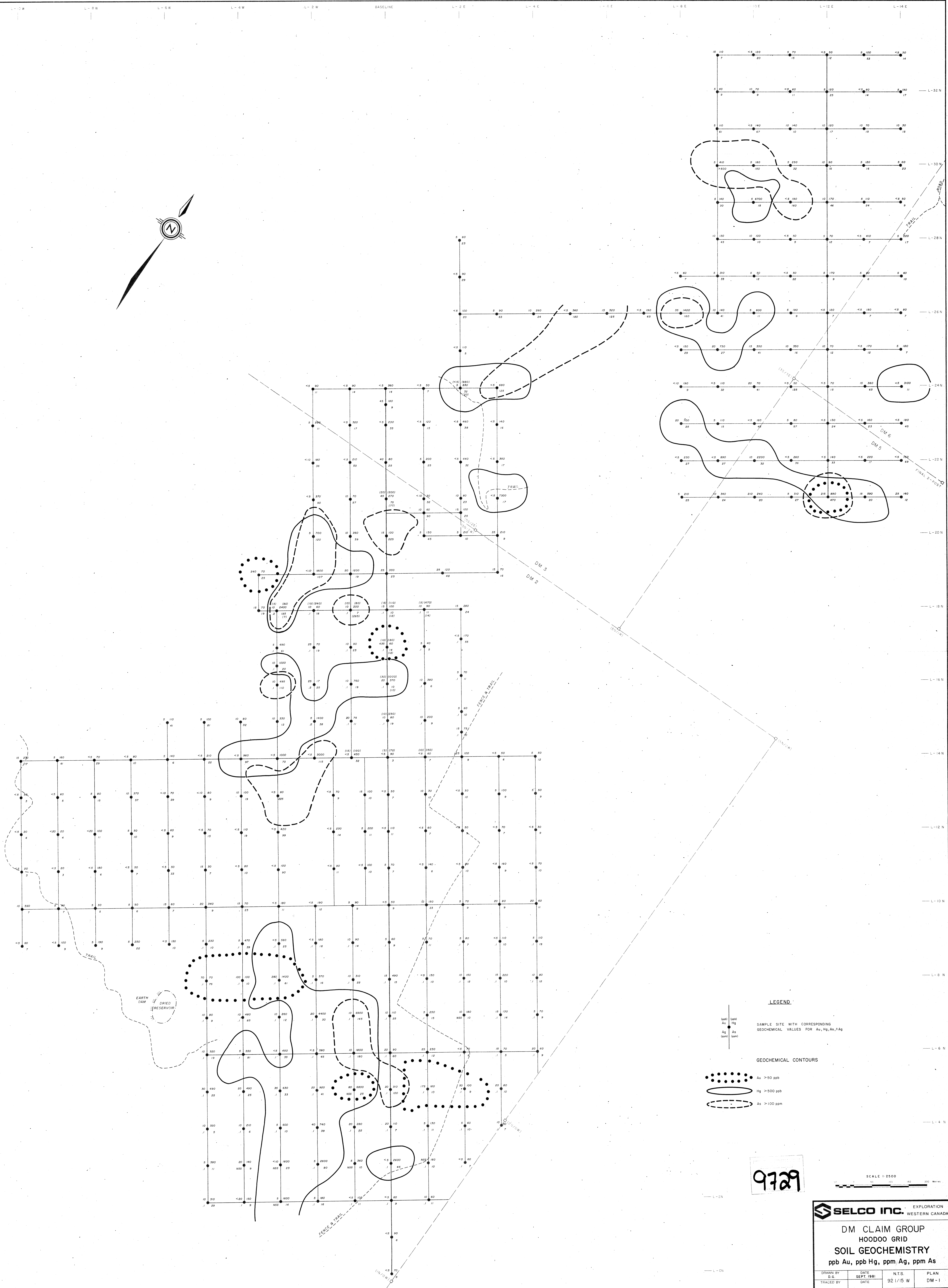
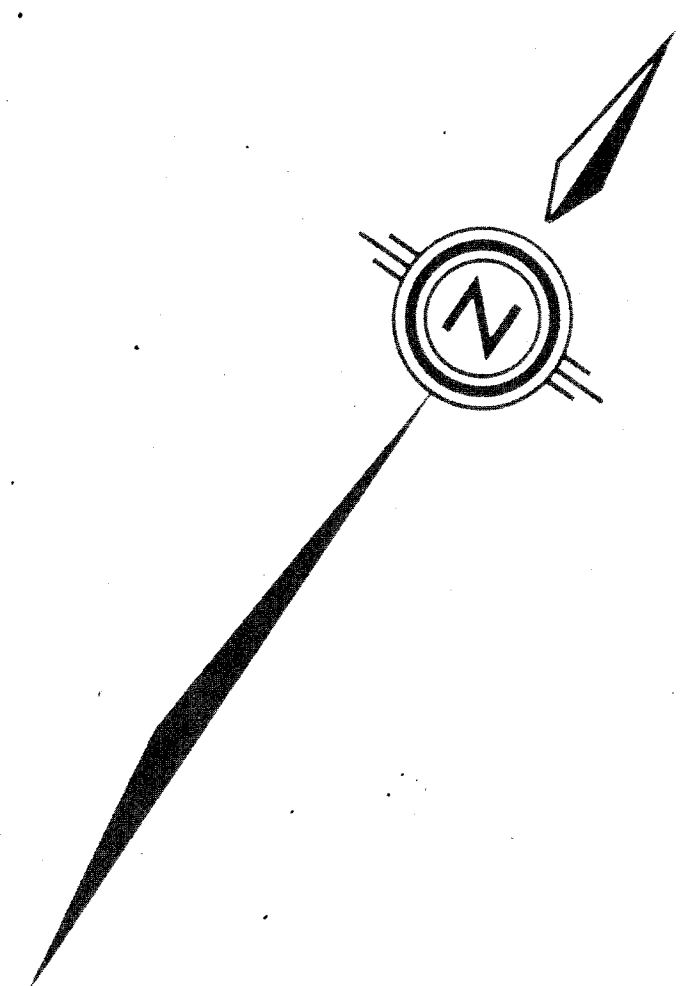


EXPLORATION
WESTERN CANADA

DM CLAIM GROUP
GEOLOGY
HOODOO GRID

9729

DRAWN BY D.G.	DATE SEPT. 1981	NTS 92.1/15 W	PLAN DM-1
TRACED BY LSD	DATE OCT. 1981		



LEGEND

- SAMPLE SITE WITH CORRESPONDING GEOCHEMICAL VALUES FOR Au, Hg, Ag, As
- GEOCHEMICAL CONTOURS
 - Au > 50 ppb
 - Hg > 500 ppb
 - As > 100 ppm

9729

SCALE 1:2500

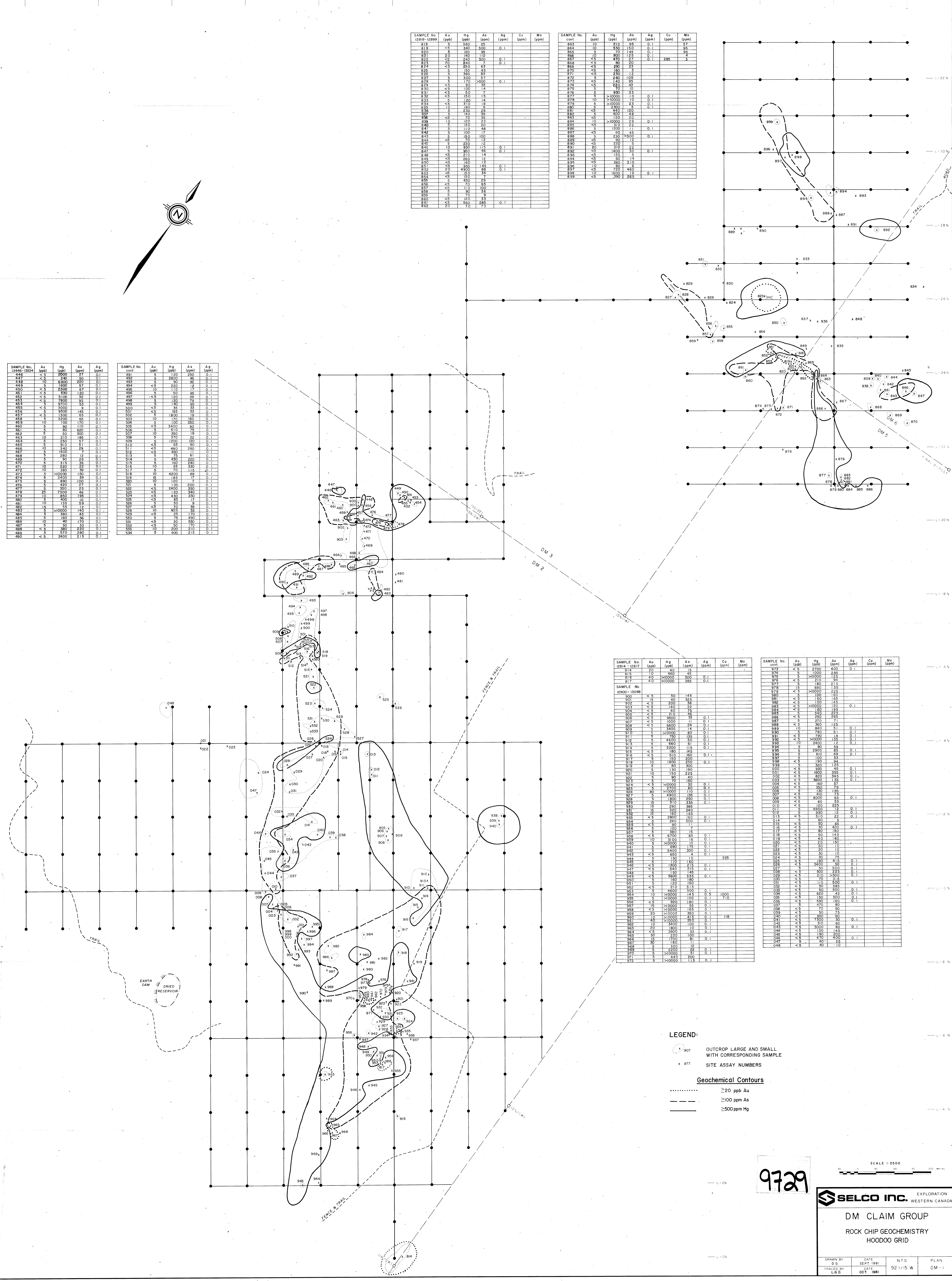
EXPLORATION
WESTERN CANADA

DM CLAIM GROUP
HOODOO GRID
SOIL GEOCHEMISTRY
ppb Au, ppb Hg, ppm Ag, ppm As

DRAWN BY D.G.	DATE SEPT 1981	N.T.S.	PLAN DM-1
TRACED BY	DATE	92 1/15 W	

EXCLUSIVE DRAFTING SERVICES LTD.

L-10W L-8W L-6W L-4W L-2W BASELINE L-2E L-4E L-6E L-8E L-10E L-12E L-14E



SAMPLE No.	Au (ppb)	Hg (ppb)	As (ppm)	Ag (ppm)	Cu (ppm)	Mn (ppm)
818	5	560	25			
819	<5	340	100	0.1		
820	5	120	85			
821	2.0	40	10			
822	<5	240	500	0.1		
823	10	80	37			
824	<5	250	65			
825	5	150	45			
826	5	360	83			
827	5	300	37			
828	5	170	>500	0.1		
829	<5	30	35			
830	<5	100	14			
831	<5	120	15			
832	<5	150	15			
833	5	120	14			
834	<5	370	19			
835	10	160	8			
836	5	230	29			
837	5	140	8			
838	<5	70	35			
839	10	120	25			
840	5	130	20			
841	5	110	49			
842	5	100	17			
843	5	120	100			
844	<5	250	12			
845	5	150	14			
846	10	920	175	0.1		
847	5	120	14			
848	<5	210	14			
849	<5	250	15			
850	<5	150	35			
851	2.0	4300	88	0.1		
852	<5	150	35			
853	<5	430	27			
854	<5	430	65			
855	<5	110	100			
856	5	30	35			
857	<5	120	35			
858	<5	560	285	0.1		
859	20	70	75			

SAMPLE No.	Au (ppb)	Hg (ppb)	As (ppm)	Ag (ppm)	Cu (ppm)	Mn (ppm)
863	10	210	95	0.1		
864	10	130	150	0.1		
865	5	70	145	0.1		
866	5	80	125	0.1		
867	<5	470	27	0.1	285	3
868	<5	80	70			
869	<5	290	25			
870	<5	100	12			
871	5	240	105			
872	5	140	95			
873	<5	240	45			
874	<5	930	35			
875	5	150	10			
876	5	>10000	10	0.1		
877	5	>10000	23	0.1		
878	10	>10000	23	0.1		
879	5	>10000	23	0.1		
880	5	440	18			
881	<5	440	120			
882	5	400	18			
883	<5	150	20			
884	10	>10000	23	0.1		
885	<5	310	22			
886	5	1200	11	0.1		
887	<5	50	45			
888	5	230	50	0.1		
889	<5	230	50	0.1		
890	20	210	22			
891	<5	150	5			
892	<5	150	5			
893	10	1600	19	0.1		
894	<5	300	265	0.1		

SAMPLE No.	Au (ppb)	Hg (ppb)	As (ppm)	Ag (ppm)
13446-13534				
446	<5	240	27	0.1
447	<5	240	50	0.1
448	10	6300	220	0.1
449	5	1600	57	0.1
450	<5	2300	67	0.1
451	<5	530	120	0.1
452	<5	1100	32	0.1
453	<5	7800	95	0.1
454	5	9700	55	0.1
455	<5	5000	9	0.1
456	5	9500	145	0.1
457	<5	1300	65	0.1
458	10	3300	65	0.1
459	10	100	770	0.1
460	5	80	110	0.1
461	5	80	620	0.1
462	5	50	350	0.1
463	10	210	185	0.1
464	5	230	21	0.1
465	5	910	51	0.1
466	10	240	12	0.1
467	5	1400	7	0.1
468	5	280	15	0.1
469	5	90	25	0.1
470	5	315	35	0.1
471	10	230	22	0.1
472	10	380	35	0.1
473	5	>10000	150	0.1
474	5	2400	36	0.1
475	5	890	100	0.1
476	5	350	23	0.1
477	5	420	21	0.1
478	10	530	185	0.1
479	10	530	185	0.1
480	10	530	185	0.1
481	10	135	49	0.1
482	10	135	49	0.1
483	10	135	49	0.1
484	5	>10000	140	0.1
485	5	160	36	0.1
486	5	390	170	0.1
487	5	30	33	0.1
488	<5	570	280	0.1
489	<5	2400	215	0.1
490	<5	2400	215	0.1

SAMPLE No.	Au (ppb)	Hg (ppb)	As (ppm)	Ag (ppm)
cont.				
491	5	150	50	0.1
492	5	2800	46	0.1
493	5	30	35	0.1
494	<5	220	12	0.1
495	10	10	17	0.1
496	5	50	85	0.1
497	<5	120	69	0.1
498	5	120	79	0.1
499	<5	40	25	0.1
500	<5	35	33	0.1
501	5	165	55	0.1
502	5	1800	19	0.1
503	10	70	160	0.1
504	5	100	330	0.1
505	<5	3400	94	0.1
506	5	610	75	0.1
507	10	350	18	0.1
508	5	370	22	0.1
509	5	1200	100	0.1
510	<5	65	80	0.1
511	5	480	290	0.1
512	<5	260	11	0.1
513	5	75	41	0.1
514	5	430	220	0.1
515	5	160	180	0.1
516	10	15	330	0.1
517	5	70	115	0.1
518	10	4200	69	0.1
519	5	100	100	0.1
520	10	120	7	0.1
521	5	2400	330	0.1
522	<5	20	240	0.1
523	<5	430	230	0.1
524	<5	20	240	0.1
525	5	50	9	0.1
526	10	NES	33	0.1
527	5	175	17	0.1
528	5	75	480	0.1
529	<5	50	170	0.1
530	10	230	210	0.1
531	5	900	215	0.1
532	5	900	215	0.1

SAMPLE No.	Au (ppb)	Hg (ppb)	As (ppm)	Ag (ppm)	Cu (ppm)	Mn (ppm)
12814-12817						
814	20	40	15			
815	15	140	22			
816	40	>10000	500	0.1		
817	40	>10000	285	0.1		
12900-13048						
900	<5	50	145			
901	15	40	325			
902	<5	140	22			
903	<5	140	22			
904	<5	810	48			
905	<5	9500	35	0.1		
906	<5	1000	11	0.1		
907	5	3400	14	0.1		
908	5	>10000	133	0.1		
909	5	4600	133	0.1		
910	5	150	225	0.1		
911	5	80	300	0.1		
912	5	2200	115	0.1		
913	5	180	145	0.1		
914	<5	510	85	0.1		
915	5	150	195	0.1		
916	10	1600	250	0.1		
917	5	80	300	0.1		
918	5	130	195	0.1		
919	5	150	225	0.1		
920	5	90	40			
921	5	140	140	0.1		
922	5	>10000	32	0.1		
923	5	>10000	32	0.1		
924	5	>10000	32	0.1		
925	5	>10000	32	0.1		
926	5	>10000	32	0.1		
927	5	>10000	32	0.1		
928	5	>10000	32	0.1		
929	5	>10000	32	0.1		
930	5	>10000	32	0.1		
931	5	>10000	32	0.1		
932	5	>10000	32	0.1		
933	5	>10000	32	0.1		
934	5	>10000	32	0.1		
935	5	>10000	32	0.1		
936	5	>10000	32	0.1		
937	5	>10000	32	0.1		
938	5	>10000	32	0.1		
939	5	>10000	32	0.1		
940	5	>10000	32	0.1		
941	5	>10000	32	0.1		
942	5	>10000	32	0.1		
943	5	>10000	32	0.1		
944	5	>10000	32	0.1		
945	5	>10000	32	0.1		
946	5	>10000	32	0.1		
947	5	>10000	32	0.1		
948	5	>10000	32	0.1		
949	5	>10000	32	0.1		
950	5	>10000	32	0.1		
951	5	>10000	32	0.1		
952	5	>10000	32	0.1		
953	5	>10000	32	0.1		
954	5	>10000	32	0.1		
955	5	>10000	32	0.1		
956	5	>10000	32	0.1		
957	5	>10000	32	0.1		
958	5	>10000	32	0.1		
959	5	>10000	32	0.1		
960	5	>10000	32	0.1		
961	5	>10000	32	0.1		
962	5	>10000	32	0.1		
963	5	>10000	32	0.1		
964	5	>10000	32	0.1		
965	5	>10000	32	0.1		
966	5	>10000	32	0.1		
967	5	>10000	32	0.1		
968	5	>10000	32	0.1		
969	5	>10000	32	0.1		
970	5	>10000	32	0.1		
971	5	>10000	32	0.1		
972	5	>10000	32	0.1		

SAMPLE No.	Au (ppb)	Hg (ppb)	As (ppm)	Ag (ppm)	Cu (ppm)	Mn (ppm)
973	< 5	2700	400	0.1		
974	< 5	1000	285			
975	< 5	>10000	125			
976	< 5	210	94			
977	< 5	180	215			
978	< 15	690	135			
981	< 5	>10000	125			
987	< 5	100	160			
988	< 5	100	160			
989	< 5	160	195			
984	< 5	180	215			
985	< 5	270	71			
986	< 5	295	265			
988	< 5	360	125			
989	< 5	940	125	0.1		
990	< 5	780	51	0.1		
991	< 5	100	160	0.1		
992	< 5	>10000	135	0.1		
993	< 10	100	160	0.2		
994	< 5	80	59			
995	< 5	295	265			
1000	< 5	610	69	0.1		
1001	< 5	100	160			
1002	< 5	190	94			
1003	< 5	930	45	0.1		
1007	< 5	1800	355			
1008	< 5	820	345	0.1		
1009	< 5	100	160	0.1		
1010	< 5	160	195			
1011	< 5	860	135			
1012	< 5	160	195			
1013	< 5	4000	63	0.1		
1014	< 5	100	160	0.1		
1015	< 5	220	225			
1016	< 5	620	125			
1017	< 5	130	12	0.1		
1018	< 5	510	22	0.1		
1019	< 5	100	160			
1014	< 5	80	450	0.1		
1020	< 5	100	160			
1018	< 5	190	145			
1019	< 5	100	160			
1021	< 5	290	50			
1022	< 5	100	160			
1023	< 5	30	10			
1024	< 5	100	160			
1025	< 5	40	10			
1026	< 5	5400	475	0.1		
1027	< 5	500	210	0.1		
1028	< 5	500	210	0.1		
1029	< 5	500	210	0.1		
1030	< 5	70	385			
1031	< 5	110	500			
1032	< 5	20	115			
1033	< 5	50	500	0.1		
1034	< 5	50	500	0.1		
1035	< 5	600	45			
1036	< 5	120	500	0.1		
1037	< 5	470	80			
1038	< 5	70	90			
1039	< 5	50	75			
1040	< 5	100	160			
1041	< 5	750	30	0.1		
1042	< 5	90	80			
1043	< 5	5000	80			
1044	< 5	100	145			
1045	< 5	190	200			
1046	< 5	470	100	0.1		
1047	< 5	40	25			
1048	< 5	10	10			