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GEOLOGICAL AND GEOCHEMICAL REPORT ON MUKALUK, WEASEL, BUGSY AND SLIPPERY CLAIMS OF THE BURNS LAKE AREA; OMINECA MINING DISTRICT

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N.T.S.: 93K/4E & W

Latitude: 54°06'; Longitude: 125°48'

Report for

CHEVRON STANDARD LIMITED
901 Marine Building, 355 Burrard Street
Vancouver, B.C. V6C 2G8

Project M-508

By

K.E. Northcote, Ph.D., P.Eng.

K.E. Northcote and Associates Ltd.

September 24, 1981

EXECUTIVE'S SUMMARY

K.E. Northcote and Associates Ltd. were contracted by Chevron Standard Limited to carry out geologic studies of the Burns Lake properties and to supervise geochemical soil sampling on established grids. The Burns Lake properties consist of the Weasel, Mukaluk, Slippery and Bugsy claims, totalling 64 units. Fieldwork was done in the period of June 29 to August 16, 1981.

In the properties area, Lower to Middle Mesozoic Hazelton(?) andesitic/dacitic volcanics and minor sediments are intruded by Topley granodiorites. These older rocks occur as windows in younger overlying Upper Cretaceous(?) Tchesinkut-Bulkley Lake rhyolitic volcanics. These are in turn overlain by Eocene Goosly and Buck Creek andesite and trachyandesite flows and breccias.

The geologic environment of the general Burns Lake area has greatest potential for development of mineralized porphyry systems and stockworks, volcanogenic massive sulphide deposits and mineralized veins. Although significant marine tuffaceous volcanic sequences were not detected in the properties area, low outcrop density leaves room for such a mineralized succession to occur in the region.

Mukaluk Claim

A gradational contact zone between Topley intrusions and Hazelton(?) volcanics crosses the east side of the Mukaluk claim. Weak propylitic alteration, localized brecciation, pyritization and weak silicification and K-feldspathization indicates generation of a weak porphyry system. So far, strong magmatic differentiation, brecciation, intense silicification, argillic and potassic alteration and mineralization have not been discovered. Outcrops comprise only a small fraction of 1% of the total regional area so optimum conditions for mineralized porphyries could remain hidden.

Soil geochemistry gave no strongly anomalous values for Cu, Pb, Zn, Ag or Mo. Soil samples were not tested for Sn, W or Au. Depth of overburden in the grid area should be sufficiently shallow to provide meaningful results.

A ground geophysical anomaly on the south extensions of L1+00E and L2+00E require collection of soil samples from these extensions. Because of gold bearing veins in the area all soil samples for the Mukaluk grid should be run for As.

Weasel Claim

The Weasel claim is underlain by Upper Cretaceous(?) Tchesinkut-Bulkley Lake rhyolitic perlite breccia, scoraceous breccia and waterlain tuffs. A terrestrial or near terrestrial environment, less favourable than a marine environment for massive sulphide deposition, is indicated by carbonaceous material in waterlain tuffs at the northwest side of the claims and by carbonaceous material in agglomerates associated with rhyolitic rocks 4½ kilometres southwest of the claim.

Depth of overburden is shallow at the north end of the grid but is much deeper to the south. The interpretive value of soil samples on the south part of the grid is questionable. Soil samples gave no strong anomalous values for Cu, Pb and Zn. A small cluster and isolated values of 0.3 to 0.8 ppm Ag occur above the otherwise consistent background values of 0.1 to 0.2 ppm Ag.

There is a possibility for silver-gold veins in this geological environment but present geological and geochemical data do not indicate significant target areas.

Bugsy Claims

Paucity of outcrop makes assessment of mineral potential of the Bugsy claims difficult, but the grid area is probably underlain by Upper Cretaceous(?) Tchesinkut-Bulkley Lake rhyolitic volcanics which, if terrestrial, are relatively unfavourable for massive sulphide deposition.

The interpretive value of soil geochemistry is questionable because the depth of overburden may be excessive. The presence of lakes and marshes indicates probable impervious clays and till in the otherwise sand and gravel rich overburden. No strongly anomalous values for Cu, Pb, Zn, Ag resulted from the survey. A two sample high for As and one sample high for Pb corresponds to a magnetic anomaly at L0+00, 300S to 400S. This requires fill-in soil geochemistry between existing lines and extension of L1+00E from 3+00S to 5+00S. A cluster of two samples giving high Cu, Pb, Ag or Zn values is located on the baseline between BL2+00W and BL2+50W. Fill-in sampling between L2+00W and 3+00W 50 metres north and 50 metres south is also recommended.

Slippery Claim

The Slippery claim is bounded on the north by Eocene Goosly Lake volcanics, while Upper Cretaceous(?) Tchesinkut-Bulkley Lake rhyolite breccia crops out in the east central part of the claim and Hazelton(?) andesitic volcanic flows and breccias occur in the southeast part. Questionable exposures of heavily iron stained, pyritic, andesitic(?) flows and flow breccias occur in at least three widespread places on the grid area. These are probably large blocks of float but may represent underlying bedrock.

The depth of overburden would be expected to be shallow because the grid is situated on a gentle ridge surrounded on 3 sides by outcrop. Soil geochemistry should provide meaningful results. No strongly anomalous values were obtained for Cu, Pb, Zn, Ag or As. However, isolated and interrupted clusters of high Cu, Zn and Ag occur in the northeast half of the grid with high As at L3+00N, 1+25W to 2+00W. Scattered high Zn values occur in the southwest half of the grid.

Geochemical data outline no well defined anomalous target areas and geological data are not resolvable. The strongly anomalous ground geophysical response obtained by M.P.H. Consulting Limited remains unexplained and requires testing by diamond drilling.

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MUKALUK, WEASEL, BUGSY AND SLIPPERY CLAIMS

OF THE BURNS LAKE AREA

INTRODUCTION

Terms of Reference

K.E. Northcote and Associates Ltd. were contracted by Chevron Standard Limited to carry out geological studies of the Burns Lake properties and to supervise geochemical soil sampling programs on established grids. Geological and geochemical effort was not intended to be regional. The mineral potential of specific, significant conductors found by earlier surveys were to be assessed utilizing geologic data, providing insight into geologic environments in conjunction with soil geochemistry and data from ground VLF, Max-Min and magnetic surveys run concurrently by MPH Consulting Limited.

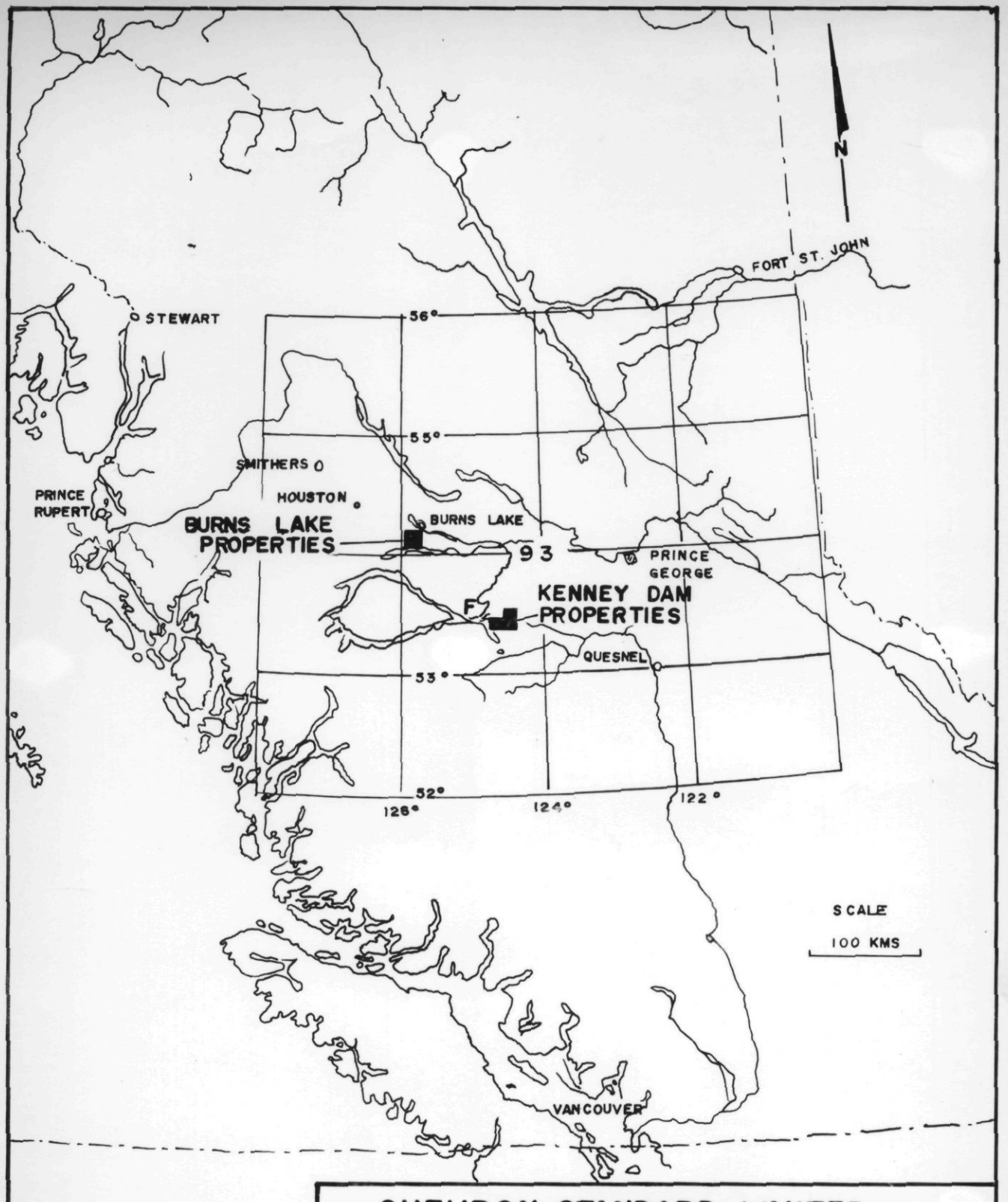
LOCATION AND ACCESS

The Burns Lake properties, consisting of 4 non-contiguous groups of claims, are located to the southwest of Burns Lake townsite. These claims include the Mukaluk, Weasel, Bugsy and Slippery claims, totalling 64 units.

Mukaluk claim is accessible by an all weather road leading 3 kilometres southwesterly from the Burns Lake-Francois Lake Highway 35. See Figure 2.

Weasel claim is accessible from Highway 35 and is situated east of the highway at the southwest end of Tchesinkut Lake and is approximately 3 kilometres north of Francois Lake townsite. See Figure 2. The grid is located on farmland owned by Mr. R. Grant.

Slippery claim is located 8 kilometres west of Tchesinkut Lake and 4 kilometres north of Francois Lake. This claim is accessible with some difficulty by $3\frac{1}{2}$ to 4 kilometres of 4-wheel drive road from the northwest corner of Brown Road through Mr. W.O. Glanville's property. See Figure 2.



CHEVRON STANDARD LIMITED

LOCATION MAP :

BURNS LAKE AND KENNEY DAM PROPERTIES

OMINECA M.D. 93K/4E&W; 93F/7E&10E&W

FIGURE : 1

K. E. NORTHCOTE AND ASSOCIATES LTD.

DRAWN BY R.G.F.	AUGUST 28, 1981.

The Bugsy claims are situated 1½ kilometres north of Slippery claim on the east end of Anders Lake. These claims are accessible by foot from Slippery claim or from the end of the Decker Lake logging road system, about 2 kilometres to the northwest of the claims.

PREVIOUS WORK

Geologic mapping on a regional scale covering the claims areas was conducted by J.E. Armstrong, 1949; and by B.N. Church, 1973.

British Columbia Ministry of Energy, Mines and Petroleum Resources Mineral Inventory lists 5 mineral and industrial mineral showings in the vicinity of the claims:

93 K/1, Francois Lake perlite
93 K/32, Mona Ag, Pb, Zn, Cu, F and Ba
93 K/56, Francois Lake P and asphalt
93 K/60, Oakla Au
93 K/62, Gamble Pb, Zn, Ag, Au.

Some hand trenching was done on the metallic deposits with a 25 metre adit driven on the Mona vein. Minfile computer print-outs for these properties form Appendix

Published and unpublished reports and maps providing useful background information for the Burns Lake area are listed in the Bibliography.

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PRESENT WORK

Geological and geochemical work was done during the period of June 22 to August 16, with thin section studies and report preparation August 25 to September 28, 1981. K.E. Northcote, Ph.D., P.Eng. conducted geological surveys and supervised collection of soil samples by D. Abercrombie and S. Goertz July 1 to 25th and K. Buerge and T. Berg July 25 to August 16, 1981.

Although field and laboratory studies generated geologic maps, the purpose of the geologic studies was to determine the geologic environment on and/or around grids covering anomalous conductors from airborne surveys and thereby assess the mineral potential of the mineral claims.

The grids established for ground geophysical surveys were utilized for geochemical samples. A baseline, usually 500 to 600 metres in length, was established across significant airborne conductor anomalies. Cross lines were cut at

100 metre intervals across the baseline. Stations were flagged at 25 metre intervals on all lines. Soil samples of the 'B' horizon were collected at each 25 metre station and all samples were sent to Chemex Labs Ltd. for standard laboratory analyses for Cu, Pb, Zn and Ag, and in some cases for Mo or As. Samples were also collected at each 25 metre station on the Weasel claim grid, but only every second sample was sent for analysis. Analytical data are plotted on Figures 4, 5, 6 and 7 and assay sheets tabulating analytical results form Appendix A.

CLAIM STATUS

The Burns Lake properties consist of the Weasel, Mukaluk, Slippery, Bugsy, Bugsy II and Bugsy III claims, registered at the Gold Commissioner's office, Smithers, B.C.

TABLE I

CLAIM STATUS

Claim Name	Number of Units	Record Number	Record Date
Weasel	6	3915	July 9,1981
Mukaluk	15	3781	June 5,1981
Slippery	20	3916	July 9,1981
Bugsy	6	3780	June 5,1981
Bugsy II	6	3922	July 9,1981
Bugsy III	9	3923A	July 9,1981
	Total 64 units		

GENERAL GEOLOGY

The stratigraphic succession for the Burns Lake properties area, in accordance with Church's mapping, is outlined in Table II (Church, 1972).

TABLE II

STRATIGRAPHIC SUCCESSION

Eocene	
Buck Creek Volcanic Rocks	
Houston Phase Volcanics	Unit (d)
Goosly Lake Volcanic rocks	Unit (e)
Upper Cretaceous	
Tip Top Hill Volcanics	Unit (g)
Tchesinkut - Bulkley Lake Volcanics	Unit (h)
Early and Middle Mesozoic Hazelton(?)	Unit (i)
Acid and Intermediate lavas and pyroclastics	
Igneous Intrusions	
Topley Intrusions	Unit (p)

The oldest rocks in the claims area are comprised of Early and Middle Mesozoic Hazelton(?) volcanics (Church, 1973; Unit i). The volcanic assemblage, where exposed and not too intensely altered to be recognizable, is generally very fine grained, dark, dense andesitic flows with interbedded pyroclastic and/or flow breccias. See Figure 3. These rocks are commonly massive but in some places are weakly porphyritic and locally amygdaloidal. The rocks may contain sufficient magnetite to attract a magnet; others are hematitic. Significant sections of waterlain tuffs were not evident, but because of the extremely low amount of outcrop, only an estimated small fraction of 1%, tuffaceous successions could be present in the general area and remain undetected. A small occurrence of tuff breccia, thought to be Hazelton(?),

underlies the west end of the Eocene volcanics at the Collinsite locality, 93 K/56.

Unaltered, unmineralized outcrops of Hazelton(?) volcanics occur on the shoulder of the ridge 1 kilometre north of Brown Road. Although these rocks are generally well indurated, in their unaltered state they are sometimes difficult to distinguish from Eocene volcanics. See Figure 3.

In the northeast part of the claims area the Early and Middle Mesozoic rocks are intruded by Topley Intrusions of medium grained granodiorite-quartz monzonite composition (Church, 1972, Unit p). See Figure 3. These intrusions have had considerable effect on the volcanic assemblage. The contact between the two is gradational over a kilometre or more, with intrusive material permeating the volcanic assemblage. Conversely the intrusive material in the contact zone is contaminated by assimilation of volcanics and the contaminated intrusives become indistinguishable from permeated volcanics. In the contact zone the rocks are rich in epidote and chlorite and locally enriched in K-spar and pyrite, and are cut by numerous quartz veins and veinlets. Locally the Topley granitic rocks form pyritic intrusion breccias.

The Hazelton(?) volcanics are overlain by distinctive cream-coloured siliceous rhyolitic rocks of questioned Upper Cretaceous(?) age (Church, 1972, Units g and h). These Tchesinkut-Bulkley Lake rocks appear to be largely bedded pyroclastic rhyolitic tuff breccias with some laminated rhyolitic flows. Scattered quartz grains are common in tuff breccias and flows. Scoriaceous rhyolite breccias were observed near Tchesinkut Lake in close association with carbonaceous water lain rhyolitic tuffs and perlites. At the Van Zanten rock quarry the rhyolitic rocks are in contact with carbonaceous agglomerates with multimict clasts, sheared carbonaceous material and local coarse granular sedimentary interbeds. A terrestrial, or near terrestrial, environment is indicated for these rocks at the Van Zanten and Tchesinkut localities.

The Upper Cretaceous(?) rhyolitic rocks are unconformably(?) overlain by Eocene Goosly Lake and Buck Creek, Houston phase, volcanic flows and flow breccias (Church,

1972, Units e and d). Very little time was spent in attempting to distinguish consistently among these Eocene volcanic phases because they are of less economic significance for massive sulphides than the Hazelton(?) rocks.

The ridge southeast of Anders Lake, between Slippery and Bugsy claims, was mapped as Goosly Lake volcanic rocks (Church, 1972, Unit e). These rocks are generally fresh andesitic flows and flow breccias which have characteristic interbedded, very coarse grained units.

The Houston phase of the Buck Creek volcanics (Church, 1972, Unit d) are found in the northwest part of the property area and locally near Tchesinkut Lake. These rocks are comprised of aphanitic andesite and andesite breccias and flows which may be strongly vesicular and amygdaloidal, containing a wide variety of vesicular infillings, ranging from carbonate, chlorite and zeolites to chalcedony and pyrobitumen.

STRUCTURAL GEOLOGY

There are but fragmentary structural data available in the Burns Lake area because of probable steep initial angles of repose of lavas and layered breccias (Church, 1972). Probably a greater problem is paucity of outcrop and the small size of most exposures precluding recognition of individual beds, tracing beds through lateral facies changes, compilation of a meaningful stratigraphic section and recognition of marker beds. Anomalous juxta position of units of different age should allow some structural interpretation.

ECONOMIC GEOLOGY

The general geology of the claims area indicates potential for at least three important kinds of deposits, including porphyry systems and stockworks, massive volcanogenic sulphide deposits and mineralized veins.

Greatest mineral potential appears to be within the Hazelton(?) volcanic succession. Although a marine acidic tuffaceous sequence exists within the Burns Lake claims area the low outcrop density leaves plenty of room for such a succession to remain undetected.

A second important possibility is for development of mineralized high structural level porphyry systems and stockworks within and around Topley plutons intruding Hazelton(?) volcanics or younger units. These might be a source of Cu, Mo, Au and Ag (Sn and W).

There are several known mineralized veins within the Hazelton(?) volcanics. These contain some, or all, of Cu, Pb, Zn, Ag, Au, F and Ba. Simple vein mineralization is of very limited size potential.

The Tchesinkut-Bulkley Lake rhyolitic rocks probably have limited mineral potential because of their less favourable terrestrial or near terrestrial extrusive environment for deposition of massive sulphides.

The Eocene volcanics have shown no significant mineralization in the Burns Lake area. Intrusive equivalents within the Eocene sequence could be of some economic interest.

GEOLOGY AND GEOCHEMISTRY OF THE CLAIMS

MUKALUK CLAIM

Local Geology, Mukaluk

Outcrops are small and few in number, occurring only in the east half of the Mukaluk claim. By extrapolation of available outcrop data a Hazelton(?)-Topley intrusion contact passes through the east side of the claim. The Topley intrusion lies to the north and on the east margin of the claim with Hazelton(?) volcanics to the west. See Figure 3.

The contact zone is gradational with intrusive material permeating and altering the volcanic rocks. The result is contaminated volcanics, now siliceous and rich in chlorite, epidote and locally K-spar and pyrite. The Topley intrusion is contaminated by assimilation of volcanic material which produces a rock which is strongly chloritized, epidotized and pyritized. It has K-spar rich segregations and locally forms an intrusion breccia. Both the volcanic and intrusive rocks in the contact zone are cut by quartz veins and veinlets.

Mineral Potential, Mukaluk

Mineralized porphyry or stockwork environments probably provide the greatest mineral potential of the Mukaluk claim. Brecciation, pyritization, weak silicification (quartz veins and veinlets), and propylitic alteration suggests development of a weak porphyry system. However, well developed differentiation of the intrusive, intense silicification, sericitic, argillic and potassic alteration are, so far, lacking. Although brecciation occurs it is not strongly developed over a widespread area. The small percentage (a small fraction of 1%) of the area that is outcrop and their distribution along the crest of Bald Hill Ridge leaves ample room for a porphyry system in covered areas.

Two mineralized vein occurrences; 93 K/62 Gamble (Cymric) Pb, Zn, Ag, Au and 93 K/32 Mona (Northern Light, Red Baron) Pb, Zn, Ag, F and Ba occur in the volcanic intrusive contact zone. The probability of locating additional veins is great but their size potential is very limited.

Soil Geochemistry, Mukaluk

The grid covering the airborne conductor anomaly lies in the west half of the claim to the west and south of Bald Hill Ridge and the area of rock outcrops. See Figures 3 and 4. Because of fairly close proximity to these outcrops and because the grid is on the flank of a ridge the depth of overburden is expected to be moderate, the order of 10 to 20 metres or less. If there are no impeding clays in the overburden soil geochemistry would be expected to reflect significant metal concentrations in underlying bedrock. Soil samples were collected at 25 metre intervals over the grid as shown on Figure 4 and assay sheets form Appendix A.

Scattered high and anomalous Cu, Pb, Zn and Mo occur on the grid with a small concentration of higher Cu and Zn values at the west end of the baseline. No strong, well defined, geochemical anomaly is evident.

Discussion and Conclusions, Mukaluk

No outcrops occur on or adjacent to the Mukaluk grid but a favourable, but weak, porphyry or stockwork and vein environment is indicated by exposures on Bald Hill Ridge. A gradational contact zone between Topley intrusions and Hazelton(?) volcanic rocks passes through the east side of the claim.

The Hazelton(?) volcanic rocks in the general Burns Lake properties area are chiefly andesitic lava flows and breccias. No well developed marine tuffaceous successions were recognized. Because of the paucity of outcrops there is plenty of room for such a succession under covered areas in the general region.

Depth of overburden is not expected to be excessive in the grid area. It is not known whether or not impeding clays or tills occur in glacial material overlying bedrock. Soil geochemistry indicates no significant Cu, Pb, Zn, Ag or Mo concentrations occur in bedrock underlying the grid area for which soil samples were collected. Presence of a ground geophysical anomaly on the south extensions of L1+00E and L2+00E requires soil sampling.

Recommendations, Mukaluk

Geological and geochemical data do not indicate presence of significant massive sulphide mineralization on the Mukaluk claim. Ground geophysical data on the south extensions of L1+00E and 2+00E require soil sampling.

Because gold bearing veins occur in the vicinity of the Mukaluk claim all soil samples should be run for As. Consideration should also be given to having rock samples collected from the area around the Mukaluk claim analysed for Cu, Pb, Zn, Ag, Au or As and Mo (W and Sn?). This would involve analysis on about 30 samples.

WEASEL CLAIM

Local Geology, Weasel

The Weasel claim is underlain by Upper Cretaceous(?) Tchesinkut-Bulkley Lake rhyolitic rocks. Excellent exposures of rhyolitic perlite breccia occur on the claims at the north end of Weasel grid. See Figure 3. The perlite breccias are attractive, mottled cream-tan and varied shades of green with most perlite fragments a centimetre to tens of centimetres in size, but range up to a few metres in largest diameter. It is noted that Minfile property number 93 K/1, Francois Lake perlite, is located on the north shore of Francois Lake approximately 6 kilometres southeasterly of the Weasel claim. Road cuts at the northwest corner of the claim are composed of cream-white rhyolite tuff breccia, scoriaceous rhyolite flow breccia and water lain rhyolitic tuffs containing scattered carbonaceous plant remains. See Figure 3.

Mineral Potential, Weasel

A terrestrial, or near terrestrial, environment is indicated by the presence of carbonaceous material in the rhyolitic tuffs on the northwest side of the claim and in agglomerates associated with rhyolitic flows, tuffs and breccias at the Van Zanten rock quarry, 4½ kilometres to the southwest. See Figure 3. A terrestrial, or near terrestrial, environment is less favourable for accumulation of massive sulphides than a marine environment.

Soil Geochemistry, Weasel

Soil samples were collected from the 'B' horizon for all 25 metre stations on the Weasel grid, but only every second sample was analysed for Cu, Pb, Zn and Ag. Depth of overburden is varied from very shallow at the north end of the grid and northwest side of the claim to very deep at the south end of the grid. Mr. R. Grant reports not encountering bedrock in a water well in excess of 30 metres deep on his property. The rapid changes in overburden thickness here may be a result of glacial scouring and subsequent infilling near water base level of Francois and Tchesinkut Lakes.

No significant Cu, Pb or Zn values are evident in the soil sample analyses. However, a curious weakly anomalous pattern of silver values is evident by a small cluster and a few isolated silver values ranging from 0.4 to 0.8 ppm Ag. Higher Zn values, greater than 150 ppm Zn ranging up to 360 ppm, may be cultural in origin.

Discussions and Conclusions, Weasel

A terrestrial, or near terrestrial, environment is indicated by presence of carbonaceous material in the Upper Cretaceous rhyolitic rocks in this locality. Optimum conditions do not exist for massive sulphide mineralization in a marine volcanogenic environment.

There is no evidence of significant mineralization in Upper Cretaceous rhyolitic rocks elsewhere in this general area. However, there is a possibility for gold or silver veins in this environment.

Geochemical values do not indicate presence of significant mineralization at the north end of the grid where depth of overburden is shallow. The validity of geochemical sampling for the remainder of the grid is suspect because of probable excessive depth of overburden.

Recommendations, Weasel

Geological and geochemical data would not support further work on the Weasel claim. However, if surface geophysical surveys give anomalous results, corresponding to the weakly anomalous silver values, fill-in samples in storage should also be analysed.

BUGSY CLAIMS

Local Geology, Bugsy

Paucity of outcrop made assessment of mineral potential difficult for the Bugsy claims. Tchesinkut-Bulkley Lake terrestrial(?) rhyolitic rocks crop out in the northeast part of the Bugsy claims near the headwaters of Tchesinkut Creek. These rocks are overlain to the north by gently northerly dipping Eocene andesitic lava flows and breccias of probable Houston phase. See Figure 3. These volcanics appear to be andesitic and are mainly fine grained to pophyritic, dense andesitic lavas interbedded with abundantly amygdaloidal lavas and numerous flow breccias. This sequence also contains coarse grained, interbedded volcanics characteristic of the Goosly Lake unit, as mapped by Church (Church, 1972). To the south of this ridge Tchesinkut-Bulkley Lake rhyolitic breccias crop out on the east side of the Slippery claim. If there are no large structural complexities, the present erosional surface in this area corresponds fairly closely with the unconformity between Eocene and Upper Cretaceous(?) rocks. Geologic Map, Figure 3, indicates that the Bugsy grid is probably underlain by Upper Cretaceous(?) Tchesinkut-Bulkley Lake rhyolitic rocks.

Geochemistry, Bugsy

The overburden is expected to be deep because the closest outcrops are in the small canyon formed near the headwaters of Tchesinkut Creek 1½ kilometres northeast of Bugsy grid. No significantly anomalous values of Cu, Pb, Zn, Ag are evident. A two sample high for As and one sample high for Pb corresponds to a magnetic anomaly at L0+00, 300S to 400S. A cluster of two samples giving high Cu, Pb, Ag or Zn values is located on the baseline between BL2+00W and BL 2+50W.

Discussion and Conclusions, Bugsy

If the Bugsy claims are underlain by Tchesinkut-Bulkley Lake rhyolitic volcanics the probable terrestrial, or near terrestrial, environment of these rocks diminishes probability of presence of volcanogenic massive sulphides occurring within them.

The probable excessive depth of overburden makes a geochemical soil survey suspect but the coincident magnetic and As-Pb anomaly may be valid.

Recommendations, Bugsy

The coincident As-Pb geochemical and magnetic anomaly on L0+00, 2+75S to 3+75S requires testing by soil sampling subsidiary lines L0+50W; 2+50S to 4+75S and L0+50E; 2+50S to 4+75S and by extending L1+00E, 3+00S to 4+75S. It is also suggested that the anomalous values at BL 2+25W to 2+50W be tested by soil sampling subsidiary line 2+50W, 0+75N to 0+75S.

SLIPPERY CLAIM

Local Geology, Slippery

The Slippery claim is bounded on the north by a ridge of Eocene volcanics of the Goosly Lake unit which, here, consists of the characteristic coarse crystalline porphyritic lavas interbedded with dense massive flows, flow breccias and abundantly amygdaloidal flows. See Figure 3. Amygdules are of varied composition, but chalcedony and pyrobitumen are common.

A small exposure of Upper Cretaceous(?) Tchesinkut-Bulkley Lake weakly iron stained rhyolitic breccia was exposed during construction of a forest access road in the east central part of the claim. See Figure 3.

The southeast part of the claim is underlain by well indurated Hazelton(?) weakly porphyritic andesitic volcanic lavas and flow breccias.

Rock specimens, which are probably float, were collected from three separate positions on the Slippery grid. See Figure 3. These rocks are all abundantly iron stained, hematitic, dense flow breccias of probable andesitic composition, belonging to the Hazelton(?) volcanics. It could not be determined whether these rocks underlie the Slippery grid area.

Geochemistry, Slippery

Soil samples were collected from the 'B' soil horizon at each 25 metre station on the Slippery grid and were sent to Chemex Labs Ltd. for standard procedure analyses for Cu, Pb, Zn, Ag and As.

Because there are outcrops on three sides of the claim, depth of overburden in the grid area would be expected to be fairly shallow. Unless impeding clays or tills are present in the overburden, soil geochemistry should be effective.

Discussion and Conclusions, Slippery

The geological survey is inconclusive because the few exposures in the grid area are probably large blocks of float. It cannot be stated with certainty that the grid area is underlain by Hazelton(?) hematitic and pyritic volcanic breccia. The closest definite outcrop is Tchesinkut-Bulkley Lake rhyolite breccia in the eastern central part of the claim.

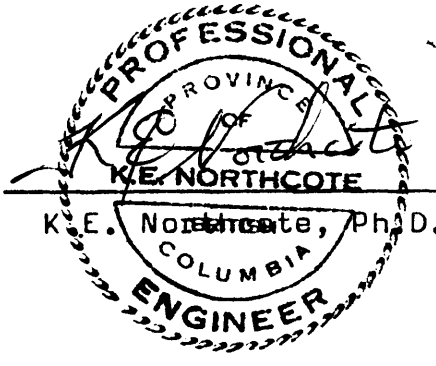
Soil geochemistry should be effective but none of the soil samples gave significantly anomalous values for Cu, Pb, Zn, Ag or As.

The ground geophysical survey anomalies obtained by M.P.H. Consulting Limited remain unexplained.

Recommendations, Slippery

The inconclusive geological and negative geochemical data should not preclude further investigation of anomalous ground geophysical response obtained by M.P.H. Consulting Limited. Consideration should be given to testing the ground geophysical anomalies by diamond drilling.

Report by:



K.E. Northcote, Ph.D., P.Eng.

STATEMENT OF QUALIFICATIONS

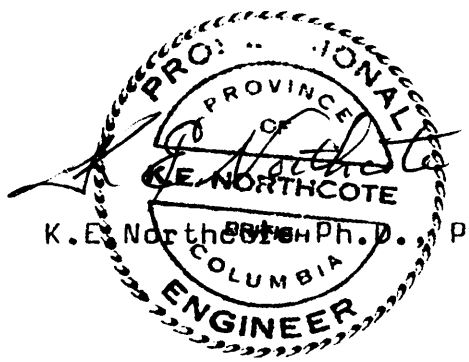
I, K.E.Northcote, of K.E.Northcote and Associates Ltd., do hereby state that;

(1) I have been performing as a professional geologist for a period of approximately 25 years for various petroleum exploration companies, mining exploration and consulting companies, and federal and provicial agencies.

(2) I obtained a Ph.D. in geology from U.B.C. in 1968 and qualified for registration with the B.C. Association of Professional Engineers in 1967.

(3) The geological mapping reported herein is a result of my personal fieldwork on and around the area of the Mukaluk, Slippery, Bugsy and Weasel claims.

(4) I have not nor expect to have any monetary interest in Mukaluk, Slippery, Bugsy and Weasel claims.



K.E.Northcote, Ph.D., P.Eng.

APPENDIX A

SOIL GEOCHEMICAL ANALYSES

CHEMEX LABS LTD.

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

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : CHEVRON STANDARD LIMITED
MINERALS STAFF
#901 - 355 BURRARD ST.
VANCOUVER, B.C.
V6C 2G8

CERT. # : A8112547-001-A
INVOICE # : I8112547
DATE : 06-AUG-81
P.O. # : NONE
M508-MUKULUK CLAIMS

CC: K.E. NORTHCOTE & ASSOC. LTD.

Sample description	Prep code	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	
B.L. 0+00E	201	10	1	5	98	0.1	--
B.L. 0+25E	201	9	1	4	103	0.1	--
B.L. 0+50E	201	11	1	5	90	0.1	--
B.L. 0+75E	201	7	1	4	80	0.1	--
B.L. 1+00E	201	12	1	4	85	0.1	--
B.L. 1+25E	201	8	1	4	110	0.1	--
B.L. 1+50E	201	5	1	4	94	0.1	--
B.L. 1+75E	201	10	1	4	88	0.1	--
B.L. 2+00E	201	8	1	5	76	0.1	--
B.L. 2+25E	201	10	1	5	75	0.1	--
B.L. 2+50E	201	9	1	6	102	0.1	--
B.L. 2+75E	201	11	1	5	105	0.1	--
B.L. 3+00E	201	8	1	5	90	0.1	--
B.L. 3+25E	201	10	1	4	80	0.1	--
B.L. 3+50E	201	10	1	4	32	0.1	--
B.L. 3+75E	201	12	1	5	88	0.1	--
B.L. 4+00E	201	10	1	6	55	0.1	--
B.L. 0+25W	201	11	1	5	92	0.1	--
B.L. 0+50W	201	7	1	4	50	0.1	--
B.L. 0+75W	201	10	1	5	110	0.1	--
B.L. 1+00W	201	5	1	5	110	0.1	--
B.L. 1+25W	201	28	1	4	200	0.1	--
B.L. 1+50W	201	19	1	5	142	0.1	--
B.L. 1+75W	201	18	1	5	90	0.1	--
B.L. 2+00W	201	9	1	3	65	0.1	--
OE 0+25N	201	4	1	4	77	0.1	--
OE 0+50N	201	9	1	4	65	0.1	--
OE 0+75N	201	6	1	2	60	0.1	--
OE 1+00N	201	7	1	4	115	0.1	--
OE 1+25N	201	7	1	4	52	0.1	--
OE 1+50N	201	10	3	5	58	0.1	--
OE 1+75N	201	8	1	5	90	0.1	--
OE 2+00N	201	10	1	7	125	0.1	--
OE 2+25N	201	12	1	5	72	0.1	--
OE 2+50N	201	9	1	1	85	0.1	--
OE 2+75N	201	9	1	2	88	0.1	--
OE 3+00N	201	10	1	4	52	0.1	--
OE 3+25N	201	7	1	2	76	0.1	--
OE 3+50N	201	8	1	2	75	0.1	--
OE 3+75N	201	9	1	4	118	0.1	--

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TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : CHEVRON STANDARD LIMITED
MINERALS STAFF
#901 - 355 BURRARD ST.
VANCOUVER, B.C.
V6C 2G8

CERT. # : A8112547-002-A
INVOICE # : 18112547
DATE : 06-AUG-81
P.O. # : NONE
M508-MUKULUK CLAIMS

CC: K.E. NORTHCOTE & ASSOC. LTD.

Sample description	Prep code	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	
0E 4+00N	201	13	1	3	135	0.1	--
0E 0+25S	201	9	1	4	130	0.1	--
0E 0+50S	201	10	1	3	88	0.1	--
0E 0+75S	201	9	1	1	80	0.1	--
0E 1+00S	201	9	1	2	42	0.1	--
0E 1+25S	201	8	1	4	80	0.1	--
0E 1+50S	201	5	1	4	98	0.1	--
0E 1+75S	201	11	1	2	65	0.1	--
0E 2+00S	201	7	1	3	115	0.1	--
0E 2+25S	201	11	1	5	120	0.1	--
0E 2+50S	201	10	1	1	115	0.1	--
1E 0+25N	201	7	1	2	35	0.1	--
1E 0+50N	201	8	1	3	130	0.2	--
E 0+75N	201	8	1	5	110	0.1	--
1E 1+00N	201	9	1	2	100	0.1	--
1E 1+25N	201	9	1	2	85	0.1	--
1E 1+50N	201	9	1	3	82	0.1	--
1E 1+75N	201	8	1	2	98	0.1	--
1E 2+00N	201	8	1	3	102	0.1	--
1E 2+25N	201	9	1	1	100	0.1	--
1E 2+50N	201	9	1	2	106	0.1	--
1E 0+25S	201	10	1	2	75	0.1	--
1E 0+50S	201	10	1	2	88	0.1	--
1E 0+75S	201	9	1	2	98	0.1	--
1E 1+00S	201	11	1	4	80	0.1	--
1E 1+25S	201	13	1	3	120	0.1	--
1E 1+50S	201	11	1	2	130	0.1	--
1E 1+75S	201	13	1	1	80	0.1	--
1E 2+00S	201	10	1	3	86	0.1	--
1E 2+25S	201	9	1	2	138	0.1	--
1E 2+50S	201	8	1	5	83	0.1	--
1W 0+25N	201	7	1	3	85	0.1	--
1W 0+50N	201	16	1	3	160	0.1	--
1W 0+75N	201	13	1	3	128	0.1	--
1W 1+00N	201	9	1	5	78	0.1	--
1W 1+25N	201	10	1	3	55	0.1	--
1W 1+50N	201	9	1	3	72	0.1	--
1W 1+75N	201	11	1	1	80	0.1	--
W 2+00N	201	8	1	1	78	0.1	--
1W 2+25N	201	11	1	2	58	0.1	--

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CERTIFICATE OF ANALYSIS

TO : CHEVRON STANDARD LIMITED
MINERALS STAFF
#901 - 355 BURRARD ST.
VANCOUVER, B.C.
V6C 2G8

CERT. # : A8112547-003-A
INVOICE # : I8112547
DATE : 06-AUG-81
P.O. # : NONE
M508-MUKULUK CLAIMS

CC: K.E. NORTHCOTE & ASSOC. LTD.

Sample description	Prep code	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	
1W 2+50N	201	12	1	1	55	0.1	--
1W 2+75N	201	10	1	1	63	0.1	--
1W 3+00N	201	9	1	2	75	0.1	--
1W 3+25N	201	9	1	1	80	0.1	--
1W 3+50N	201	8	1	3	68	0.1	--
1W 3+75N	201	7	1	3	92	0.1	--
1W 4+00N	201	8	1	3	100	0.1	--
1W 0+25S	201	10	1	3	115	0.1	--
1W 0+50S	201	8	1	2	102	0.2	--
1W 0+75S	201	8	1	2	98	0.1	--
1W 1+00S	201	11	1	3	60	0.1	--
1W 1+25S	201	9	1	2	110	0.1	--
1W 1+50S	201	8	1	4	110	0.1	--
W 1+75S	201	8	1	2	92	0.2	--
1W 2+00S	201	9	1	2	120	0.1	--
1W 2+25S	201	8	1	1	90	0.1	--
1W 2+50S	201	10	1	4	148	0.1	--
2E 0+25N	201	10	1	3	93	0.1	--
2E 0+50N	201	11	1	1	72	0.1	--
2E 0+75N	201	11	1	1	115	0.1	--
2E 1+00N	201	13	1	1	48	0.1	--
2E 1+25N	201	10	1	1	98	0.1	--
2E 1+50N	201	7	1	2	90	0.2	--
2E 1+75N	201	7	1	3	100	0.2	--
2E 2+00N	201	8	1	2	75	0.1	--
2E 2+25N	201	7	1	2	135	0.1	--
2E 2+50N	201	10	1	3	65	0.3	--
2E 0+25S	201	6	1	2	38	0.1	--
2E 0+50S	201	10	1	1	50	0.1	--
2E 0+75S	201	10	1	2	115	0.1	--
2E 1+00S	201	11	4	2	80	0.1	--
2E 1+25S	201	10	1	1	73	0.1	--
2E 1+50S	201	9	1	1	100	0.1	--
2E 1+75S	201	9	1	2	78	0.1	--
2E 2+00S	201	8	3	2	92	0.1	--
2E 2+25S	201	8	1	1	85	0.1	--
2E 2+50S	201	7	1	1	72	0.1	--
2W 0+25N	201	10	1	1	85	0.1	--
W 0+50N	201	7	1	1	42	0.1	--
2W 0+75N	201	10	1	4	95	0.1	--

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CTA MEMBER CANADIAN TESTING ASSOCIATION

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#901 - 355 BURRARD ST.
VANCOUVER, B.C.
V6C 2G8

CERT. # : A8112547-004-A
INVOICE # : I8112547
DATE : 06-AUG-81
P.O. # : NONE
M508-MUKULUK CLAIMS

CC: K.E. NORTHCOTE & ASSOC. LTD.

Sample description	Prep code	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	
2W 1+00N	201	11	1	1	50	0.1	--
2W 1+25N	201	9	1	2	76	0.2	--
2W 1+50N	201	7	1	2	35	0.1	--
2W 1+75N	201	8	1	1	32	0.1	--
2W 2+00N	201	10	1	1	92	0.1	--
2W 2+25N	201	10	1	2	145	0.1	--
2W 2+50N	201	9	1	2	60	0.1	--
2W 2+75N	201	23	1	4	115	0.3	--
2W 3+00N	201	10	1	3	96	0.1	--
2W 3+25N	201	9	1	2	80	0.1	--
2W 3+50N	201	12	1	1	94	0.1	--
2W 3+75N	201	10	1	1	55	0.1	--
2W 4+00N	201	8	1	2	88	0.1	--
2W 0+25S	201	8	1	4	33	0.1	--
2W 0+50S	201	12	1	3	80	0.1	--
2W 0+75S	201	25	1	5	85	0.1	--
2W 1+00S	201	11	1	3	158	0.1	--
2W 1+25S	201	10	1	2	150	0.1	--
2W 1+50S	201	9	1	3	140	0.1	--
2W 1+75S	201	9	1	3	135	0.1	--
2W 2+00S	201	11	1	3	165	0.1	--
2W 2+25S	201	12	1	3	82	0.1	--
2W 2+50S	201	10	1	2	120	0.1	--
3E 0+25N	201	10	1	2	82	0.1	--
3E 0+50N	201	19	1	3	130	0.1	--
3E 0+75N	201	11	1	2	83	0.1	--
3E 1+00N	201	10	1	3	95	0.1	--
3E 1+25N	201	7	1	3	70	0.1	--
3E 1+50N	201	10	1	2	90	0.1	--
3E 1+75N	201	10	1	3	243	0.1	--
3E 2+00N	201	13	1	1	90	0.1	--
3E 2+25N	201	12	1	3	112	0.1	--
3E 2+50N	201	9	1	3	35	0.1	--
3E 0+25S	201	10	1	3	90	0.1	--
3E 0+50S	201	11	1	2	55	0.1	--
3E 0+75S	201	10	1	3	135	0.1	--
3E 1+00S	201	8	1	2	82	0.1	--
3E 1+25S	201	10	1	1	75	0.1	--
E 1+50S	201	9	1	2	98	0.1	--
3E 1+75S	201	10	1	1	58	0.1	--

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CERTIFICATE OF ANALYSIS

TO : CHEVRON STANDARD LIMITED
MINERALS STAFF
#901 - 355 BURRARD ST.
VANCOUVER, B.C.
V6C 2G8

CC: K.E. NORTHCOTE & ASSOC. LTD.

CERT. # : A8112547-005-A
INVOICE # : I8112547
DATE : 06-AUG-81
P.O. # : NONE
M503-MUKULUK CLAIMS

Sample description	Prep code	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	
3E 2+00S	201	13	1	2	105	0.1	--
3E 2+25S	201	11	1	1	122	0.1	--
3E 2+50S	201	9	1	3	100	0.1	--
4E 0+25N	201	9	1	2	80	0.1	--
4E 0+50N	201	7	1	1	40	0.1	--
4E 0+75N	201	10	1	1	58	0.1	--
4E 1+00N	201	8	1	4	110	0.1	--
4E 1+25N	201	6	1	2	28	0.1	--
4E 1+50N	201	8	1	3	65	0.1	--
4E 1+75N	201	25	1	3	55	0.1	--
4E 2+00N	201	26	1	3	53	0.1	--
4E 2+25N	201	11	1	2	85	0.1	--
E 2+50N	201	11	1	2	90	0.1	--
E 0+25S	201	10	1	3	73	0.1	--
4E 0+50S	201	11	1	2	83	0.1	--
4E 0+75S	201	8	1	3	100	0.1	--
4E 1+00S	201	12	1	3	66	0.1	--
4E 1+25S	201	11	1	1	88	0.1	--
4E 1+50S	201	8	1	2	29	0.1	--
4E 1+75S	201	11	1	3	40	0.1	--
4E 2+00S	201	12	1	2	95	0.1	--
4E 2+25S	201	12	1	2	42	0.1	--
4E 2+50S	201	12	1	5	215	0.1	--
~~2W 3+00W~~	~~201~~	~~10~~	~~1~~	~~3~~	~~135~~	~~0.1~~	~~--~~

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CHEMEX LABS LTD.

212 BROOKSBANK AVE
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TELEX 043-52597

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CERTIFICATE OF ANALYSIS

O : CHEVRON STANDARD LIMITED
MINERALS STAFF
#901 - 355 BURRARD ST.
VANCOUVER, B.C.
V6C 2G8

CERT. # : A8114272-002-A
INVOICE # : I8114272
DATE : 05-OCT-81
P.O. # : S6809
M508 MUKULUK CLAIMS

CC: KE NORTHCOTE - AGASSIZ, B.C.

Sample description	Prep code	AS ppm					
0E 4+00N	214	2	--	--	--	--	--
0E 0+25S	214	1	--	--	--	--	--
0E 0+50S	214	1	--	--	--	--	--
0E 0+75S	214	2	--	--	--	--	--
0E 1+00S	214	2	--	--	--	--	--
0E 1+25S	214	2	--	--	--	--	--
0E 1+50S	214	1	--	--	--	--	--
0E 1+75S	214	3	--	--	--	--	--
0E 2+00S	214	2	--	--	--	--	--
0E 2+25S	214	2	--	--	--	--	--
0E 2+50S	214	2	--	--	--	--	--
1E 0+25N	214	2	--	--	--	--	--
1E 0+50N	214	2	--	--	--	--	--
1 0+75N	214	2	--	--	--	--	--
1E 1+00N	214	2	--	--	--	--	--
1E 1+25N	214	2	--	--	--	--	--
1E 1+50N	214	2	--	--	--	--	--
1E 1+75N	214	4	--	--	--	--	--
1E 2+00N	214	1	--	--	--	--	--
1E 2+25N	214	2	--	--	--	--	--
1E 2+50N	214	1	--	--	--	--	--
1E 0+25S	214	2	--	--	--	--	--
1E 0+50S	214	2	--	--	--	--	--
1E 0+75S	214	1	--	--	--	--	--
1E 1+00S	214	2	--	--	--	--	--
1E 1+25S	214	3	--	--	--	--	--
1E 1+50S	214	2	--	--	--	--	--
1E 1+75S	214	3	--	--	--	--	--
1E 2+00S	214	3	--	--	--	--	--
1E 2+25S	214	2	--	--	--	--	--
1E 2+50S	214	1	--	--	--	--	--
1W 0+25 N	214	2	--	--	--	--	--
1W 0+50 N	214	2	--	--	--	--	--
1W 0+75 N	214	2	--	--	--	--	--
1W 1+00 N	214	2	--	--	--	--	--
1W 1+25 N	214	2	--	--	--	--	--
1W 1+50 N	214	2	--	--	--	--	--
1W 1+75 N	214	2	--	--	--	--	--
1 2+00 N	214	2	--	--	--	--	--
1W 2+25 N	214	2	--	--	--	--	--

Certified by .....D.F. McKay.....

CHEMEX LABS LTD.

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TELEX 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : CHEVRON STANDARD LIMITED
MINERALS STAFF
#901 - 355 BURRARD ST.
VANCOUVER, B.C.
V6C 2G8

CERT. # : A8114272-003-A
INVOICE # : I8114272
DATE : 05-OCT-81
P.O. # : S6809
M508 MUKULUK CLAIMS

CC: KE NORTHCOTE - AGASSIZ, B.C.

Sample description	Prep code	AS ppm					
1W 2+50N	214	2	--	--	--	--	--
1W 2+75N	214	2	--	--	--	--	--
1W 3+00N	214	1	--	--	--	--	--
1W 3+25N	214	2	--	--	--	--	--
1W 3+50N	214	3	--	--	--	--	--
1W 3+75N	214	1	--	--	--	--	--
1W 4+00N	214	2	--	--	--	--	--
1W 0+25S	214	3	--	--	--	--	--
1W 0+50S	214	1	--	--	--	--	--
1W 0+75S	214	1	--	--	--	--	--
1W 1+00S	214	2	--	--	--	--	--
1W 1+25S	214	1	--	--	--	--	--
1W 1+50S	214	2	--	--	--	--	--
1W 1+75S	214	1	--	--	--	--	--
1W 2+00S	214	1	--	--	--	--	--
1W 2+25S	214	2	--	--	--	--	--
1W 2+50S	214	2	--	--	--	--	--
2E 0+25N	214	2	--	--	--	--	--
2E 0+50N	214	2	--	--	--	--	--
2E 0+75N	214	3	--	--	--	--	--
2E 1+00N	214	1	--	--	--	--	--
2E 1+25N	214	1	--	--	--	--	--
2E 1+50N	214	2	--	--	--	--	--
2E 1+75N	214	1	--	--	--	--	--
2E 2+00N	214	1	--	--	--	--	--
2E 2+25N	214	1	--	--	--	--	--
2E 2+50N	214	2	--	--	--	--	--
2E 0+25S	214	2	--	--	--	--	--
2E 0+50S	214	1	--	--	--	--	--
2E 0+75S	214	2	--	--	--	--	--
2E 1+00S	214	2	--	--	--	--	--
2E 1+25S	214	2	--	--	--	--	--
2E 1+50S	214	1	--	--	--	--	--
2E 1+75S	214	3	--	--	--	--	--
2E 2+00S	214	1	--	--	--	--	--
2E 2+25S	214	2	--	--	--	--	--
2E 2+50S	214	1	--	--	--	--	--
2W 0+25N	214	2	--	--	--	--	--
2W 0+50N	214	1	--	--	--	--	--
2W 0+75N	214	2	--	--	--	--	--

Certified by D.F. McKay

CTA MEMBER CANADIAN TESTING ASSOCIATION

CHEMEX LABS LTD.

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

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : CHEVRON STANDARD LIMITED
MINERALS STAFF
#901 - 355 BURRARD ST.
VANCOUVER, B.C.
V6C 2G8

CERT. # : A8114272-004-A
INVOICE # : I8114272
DATE : 05-OCT-81
P.O. # : S6809
M508 MUKULUK CLAIMS

CC: KE NORTHCOTE - AGASSIZ, B.C.

Sample description	Prep code	AS ppm					
2W 1+00N	214	1	--	--	--	--	--
2W 1+25N	214	1	--	--	--	--	--
2W 1+50N	214	2	--	--	--	--	--
2W 1+75N	214	2	--	--	--	--	--
2W 2+00N	214	1	--	--	--	--	--
2W 2+25N	214	2	--	--	--	--	--
2W 2+50N	214	1	--	--	--	--	--
2W 2+75N	214	4	--	--	--	--	--
2W 3+00N	214	1	--	--	--	--	--
2W 3+25N	214	1	--	--	--	--	--
2W 3+50N	214	3	--	--	--	--	--
2W 3+75N	214	2	--	--	--	--	--
2W 4+00N	214	1	--	--	--	--	--
0+25S	214	2	--	--	--	--	--
2W 0+50S	214	1	--	--	--	--	--
2W 0+75S	214	3	--	--	--	--	--
2W 1+00S	214	2	--	--	--	--	--
2W 1+25S	214	2	--	--	--	--	--
2W 1+50S	214	1	--	--	--	--	--
2W 1+75S	214	1	--	--	--	--	--
2W 2+00S	214	2	--	--	--	--	--
2W 2+25S	214	3	--	--	--	--	--
2W 2+50S	214	2	--	--	--	--	--
3E 0+25N	214	3	--	--	--	--	--
3E 0+50N	214	2	--	--	--	--	--
3E 0+75N	214	2	--	--	--	--	--
3E 1+00N	214	2	--	--	--	--	--
3E 1+25N	214	1	--	--	--	--	--
3E 1+50N	214	2	--	--	--	--	--
3E 1+75N	214	1	--	--	--	--	--
3E 2+00N	214	2	--	--	--	--	--
3E 2+25N	214	2	--	--	--	--	--
3E 2+50N	214	2	--	--	--	--	--
3E 0+25S	214	2	--	--	--	--	--
3E 0+50S	214	4	--	--	--	--	--
3E 0+75S	214	1	--	--	--	--	--
3E 1+00S	214	2	--	--	--	--	--
3E 1+25S	214	1	--	--	--	--	--
1+50S	214	2	--	--	--	--	--
3E 1+75S	214	2	--	--	--	--	--

Certified by .....J. F. McKay.....

CTA MEMBER CANADIAN TESTING ASSOCIATION

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CERTIFICATE OF ANALYSIS

: CHEVRON STANDARD LIMITED
MINERALS STAFF
#901 - 355 BURRARD ST.
VANCOUVER, B.C.
V6C 2G8

CERT. # : A8114272-005-A
INVOICE # : I8114272
DATE : 05-OCT-81
P.O. # : S6809
M508 MUKULUK CLAIMS

CC: KE NORTHCOTE - AGASSIZ, B.C.

Sample description	Prep code	AS ppm					
3E 2+00S	214	2	--	--	--	--	--
3E 2+25S	214	2	--	--	--	--	--
3E 2+50S	214	2	--	--	--	--	--
4E 0+25N	214	2	--	--	--	--	--
4E 0+50N	214	1	--	--	--	--	--
4E 0+75N	214	4	--	--	--	--	--
4E 1+00N	214	1	--	--	--	--	--
4E 1+25N	214	1	--	--	--	--	--
4E 1+50N	214	2	--	--	--	--	--
4E 1+75N	214	1	--	--	--	--	--
4E 2+00N	214	1	--	--	--	--	--
4E 2+25N	214	2	--	--	--	--	--
4 1+50N	214	1	--	--	--	--	--
4E 0+25S	214	2	--	--	--	--	--
4E 0+50S	214	2	--	--	--	--	--
4E 0+75S	214	2	--	--	--	--	--
4E 1+00S	214	1	--	--	--	--	--
4E 1+25S	214	2	--	--	--	--	--
4E 1+50S	214	1	--	--	--	--	--
4E 1+75S	214	1	--	--	--	--	--
4E 2+00S	214	3	--	--	--	--	--
4E 2+25S	214	2	--	--	--	--	--
4E 2+50S	214	1	--	--	--	--	--
2W 3+00W	214	2	--	--	--	--	--

Certified by .....

CHEMEX LABS LTD.

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

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : CHEVRON STANDARD LIMITED
MINERALS STAFF
#901 - 355 BURRARD ST.
VANCOUVER, B.C.
V6C 2G8

CERT. # : A8112548-001-A
INVOICE # : I8112548
DATE : 11-AUG-81
P.O. # : 56809
S508-SLIPPERY CLM.

CC: K.E. NORTHCOTE & ASSOC.

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	Ag ppm	AS ppm	
508S BL 0+00	201	11	3	60	0.1	5	--
508S BL 0+00 S.G	201	16	5	115	0.1	4	--
508S BL 0+25N	201	12	4	105	0.1	5	--
508S BL 0+25NS.G	201	13	4	103	0.1	6	--
508S BL 0+50N	201	10	3	60	0.1	5	--
508S BL 0+50NS.G	201	9	3	55	0.1	5	--
508S BL 0+75N	201	10	4	85	0.1	4	--
508S BL 0+75NS.G	201	10	3	80	0.1	4	--
508S BL 1+00N	201	10	5	75	0.1	5	--
508S BL 1+25N	201	9	5	100	0.1	4	--
508S BL 1+50N	201	11	5	118	0.1	5	--
508S BL 1+75N	201	13	4	155	0.1	4	--
508S BL 2+00N	201	14	5	178	0.1	5	--
508S BL 2+25N	201	56	3	96	0.3	6	--
508S BL 2+50N	201	12	4	65	0.1	5	--
508S BL 2+75N	201	13	3	112	0.1	5	--
508S BL 3+00N	201	38	4	86	0.1	6	--
508S BL 0+25S	201	13	8	150	0.1	4	--
508S BL 0+25 D.A	201	12	6	140	0.2	4	--
508S BL 0+50S	201	11	3	90	0.1	6	--
508S BL 0+50 D.A	201	12	7	148	0.1	5	--
508S BL 0+75S	201	11	5	105	0.1	6	--
508S BL 0+75 D.A	201	12	6	150	0.1	4	--
508S BL 1+00S	201	13	3	80	0.1	4	--
508S BL 1+00 D.A	201	14	4	62	0.1	4	--
508S BL 1+25S	201	13	2	78	0.1	5	--
508S BL 1+50S	201	13	5	112	0.1	4	--
508S BL 1+75S	201	12	2	90	0.1	3	--
508S BL 2+00S	201	12	5	80	0.1	3	--
508S OBL 0+25E	201	13	4	92	0.1	7	--
508S OBL 0+50E	201	12	2	75	0.1	4	--
508S OBL 0+75E	201	13	4	192	0.1	5	--
508S OBL 1+00E	201	11	5	105	0.1	4	--
508S OBL 1+25E	201	11	5	140	0.1	2	--
508S OBL 1+50E	201	9	3	110	0.1	5	--
508S OBL 1+75E	201	18	4	65	0.1	4	--
508S OBL 2+00E	201	27	7	78	0.1	6	--
508S OBL 2+25E	201	61	5	110	0.1	9	--
508S OBL 2+50E	201	50	4	110	0.1	6	--
508S OBL 2+75E	201	63	5	140	0.1	7	--

Certified by Hart Biddle

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CHEMEX LABS LTD.

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

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : CHEVRON STANDARD LIMITED
MINERALS STAFF
#901 - 355 BURRARD ST.
VANCOUVER, B.C.
V6C 2G8

CERT. # : A8112548-002-A
INVOICE # : I8112548
DATE : 11-AUG-81
P.O. # : 56809
S508-SLIPPERY CLM.

CC: K.E. NORTHCOTE & ASSOC.

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	Ag ppm	AS ppm	
508S 0 BL 3+00E	201	22	3	65	0.1	4	--
508S 0+00 0+25W	201	17	6	160	0.1	3	--
508S 0+00 0+50W	201	14	6	112	0.1	4	--
508S 0+00 0+75W	201	15	3	145	0.1	5	--
508S 0+00 1+00W	201	24	4	140	0.1	3	--
508S 0+00 1+25W	201	21	5	235	0.1	4	--
508S 0+00 1+50W	201	19	6	168	0.1	5	--
508S 0+00 1+75W	201	11	3	150	0.1	4	--
508S 0+00 2+00W	201	15	1	135	0.1	5	--
508S 0+00 2+25W	201	15	2	98	0.1	7	--
508S 0+00 2+50W	201	17	3	220	0.1	5	--
508S 0+00 2+75W	201	15	4	220	0.1	6	--
508S 0+00 3+00W	201	11	3	125	0.1	5	--
508S IN 0+25E	201	13	3	95	0.1	3	--
508S IN 0+50E	201	11	1	68	0.1	5	--
508S IN 0+75E	201	15	2	85	0.1	5	--
508S IN 1+00E	201	14	2	80	0.1	4	--
508S IN 1+25E	201	13	1	58	0.1	6	--
508S IN 1+50E	201	13	1	78	0.1	4	--
508S IN 1+75E	201	10	2	76	0.1	4	--
508S IN 2+00E	201	11	3	70	0.1	5	--
508S IN 2+25E	201	15	1	76	0.1	4	--
508S IN 2+50E	201	9	2	85	0.1	3	--
508S IN 2+75E	201	9	4	98	0.1	4	--
508S IN 3+00E	201	11	2	85	0.1	5	--
508S IN 3+25E	201	11	3	98	0.1	4	--
508S IN 3+50E	201	11	2	102	0.1	5	--
508S IN 3+75E	201	12	3	68	0.1	5	--
508S IN 4+00E	201	11	4	95	0.1	4	--
508S IN 4+25E	201	10	3	70	0.1	5	--
508S IN 4+50E	201	10	2	90	0.1	6	--
508S IN 0+25W	201	10	4	160	0.1	5	--
508S IN 0+50W	201	12	1	145	0.1	6	--
508S IN 0+75W	201	11	3	120	0.1	4	--
508S IN 1+00W	201	11	2	118	0.1	5	--
508S IN 1+25W	201	11	2	122	0.1	5	--
508S IN 1+50W	201	10	4	78	0.1	5	--
508S IN 1+75W	201	12	3	113	0.1	6	--
508S IN 2+00W	201	13	1	102	0.1	4	--
508S IN 2+25W	201	10	2	140	0.1	5	--

Certified by Hart Bishop

CHEMEX LABS LTD.

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

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : CHEVRON STANDARD LIMITED
MINERALS STAFF
#901 - 355 BURRARD ST.
VANCOUVER, B.C.
V6C 2G8

CERT. # : A8112548-003-A
INVOICE # : I8112548
DATE : 11-AUG-81
P.O. # : 56809
S508-SLIPPERY CLM.

CC: K.E. NORTHCOTE & ASSOC.

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	Ag ppm	AS ppm	
508S IN 2+50W	201	18	2	110	0.1	6	--
508S IN 2+75W	201	12	1	130	0.2	5	--
508S IN 3+00W	201	11	2	108	0.1	5	--
508S IS 0+25E	201	23	2	114	0.1	5	--
508S IS 0+50E	201	22	1	97	0.1	6	--
508S IS 0+75E	201	12	1	95	0.1	6	--
508S IS 1+00E	201	11	2	75	0.1	6	--
508S IS 1+25E	201	17	2	195	0.1	3	--
508S IS 1+50E	201	12	2	102	0.1	6	--
508S IS 1+75E	201	25	4	135	0.1	6	--
508S IS 2+00E	201	14	2	130	0.1	5	--
508S IS 2+25E	201	26	2	88	0.1	6	--
508S IS 2+50E	201	18	2	93	0.1	6	--
508S IS 2+75E	201	15	2	130	0.1	5	--
508S IS 3+00E	201	12	3	94	0.1	5	--
508S IS 0+25W	201	10	1	78	0.1	5	--
508S IS 0+50W	201	9	1	110	0.1	5	--
508S IS 0+75W	201	10	3	55	0.1	5	--
508S IS 1+00W	201	16	6	215	0.1	6	--
508S IS 1+25W	201	13	6	165	0.1	5	--
508S IS 1+50W	201	12	4	105	0.1	5	--
508S IS 1+75W	201	13	4	73	0.1	4	--
508S IS 2+00W	201	12	6	150	0.1	7	--
508S IS 2+25W	201	10	5	118	0.1	5	--
508S IS 2+50W	201	11	3	115	0.1	5	--
508S IS 2+75W	201	11	4	48	0.1	5	--
508S IS 3+00W	201	12	5	155	0.1	6	--
508S 2N 0+25E	201	19	4	120	0.1	5	--
508S 2N 0+50E	201	25	5	70	0.1	7	--
508S 2N 0+75E	201	36	6	98	0.3	6	--
508S 2N 1+00E	201	32	5	198	0.3	5	--
508S 2N 1+25E	201	28	3	160	0.2	5	--
508S 2N 1+50E	203	45	1	55	0.3	5	--
508S 2N 1+75E	203	40	1	80	0.1	6	--
508S 2N 2+00E	203	33	1	76	0.1	4	--
508S 2N 2+25E	201	18	4	75	0.1	5	--
508S 2N 2+50E	201	16	4	65	0.1	7	--
508S 2N 2+75E	201	19	4	88	0.1	5	--
508S 2N 3+00E	201	17	2	80	0.1	5	--
508S 2N 3+25E	201	24	4	88	0.1	6	--

Certified by Hart Bichler.....

CHEMEX LABS LTD.

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CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : CHEVRON STANDARD LIMITED
MINERALS STAFF
#901 - 355 BURRARD ST.
VANCOUVER, B.C.
V6C 2G8

CERT. # : A8112548-004-A
INVOICE # : I8112548
DATE : 11-AUG-81
P.O. # : 56809
S508-SLIPPERY CLM.

CC: K.E. NORTHCOTE & ASSOC.

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	Ag ppm	AS ppm	
508S 2N 3+50E	203	83	7	182	0.4	7	--
508S 2N 4+00E	201	25	7	95	0.1	6	--
508S 2N 4+25E	201	49	2	135	0.1	6	--
508S 2N 4+50E	201	22	5	105	0.1	6	--
508S 2N 4+75E	201	21	5	102	0.1	7	--
508S 2N 0+25W	201	13	4	140	0.1	4	--
508S 2N 0+50W	201	16	5	148	0.1	5	--
508S 2N 0+75W	201	13	5	180	0.1	5	--
508S 2N 1+00W	201	16	3	140	0.1	4	--
508S 2N 1+25W	201	11	3	86	0.1	4	--
508S 2N 1+50W	201	10	2	78	0.1	4	--
508S 2N 1+75W	201	13	4	125	0.1	6	--
508S 2N 2+00W	201	14	3	50	0.1	6	--
508S 2N 2+25W	201	10	5	125	0.1	5	--
508S 2N 2+50W	201	12	6	135	0.1	4	--
508S 2N 2+75W	201	11	5	186	0.1	4	--
508S 2N 3+00W	201	10	7	140	0.1	4	--
508S 2S 0+25E	201	19	3	118	0.1	5	--
508S 2S 0+50E	201	11	3	68	0.1	4	--
508S 2S 0+75E	201	12	5	102	0.1	4	--
508S 2S 1+00E	201	12	4	90	0.1	5	--
508S 2S 1+25E	201	12	4	65	0.1	4	--
508S 2S 1+50E	201	23	3	88	0.1	3	--
508S 2S 1+75E	201	18	4	88	0.1	4	--
508S 2S 2+00E	201	12	4	80	0.1	5	--
508S 2S 2+25E	201	17	5	245	0.1	4	--
508S 2S 2+50E	201	14	3	140	0.1	3	--
508S 2S 2+75E	201	13	4	135	0.1	5	--
508S 2S 3+00E	201	17	2	98	0.1	4	--
508S 2S 0+25W	201	19	4	78	0.1	5	--
508S 2S 0+50W	201	9	3	42	0.1	4	--
508S 2S 0+75W	201	13	5	90	0.1	4	--
508S 2S 1+00W	201	9	4	50	0.1	4	--
508S 2S 1+25W	201	12	5	118	0.1	5	--
508S 2S 1+50W	201	11	3	140	0.1	5	--
508S 2S 1+75W	201	11	5	135	0.1	5	--
508S 2S 2+00W	201	12	5	115	0.1	5	--
508S 2S 2+25W	201	15	5	136	0.1	7	--
508S 2S 2+50W	201	11	3	100	0.1	7	--
508S 2S 2+75W	201	11	5	85	0.1	6	--

Certified by ..Hart Bickle.....

CHEMEX LABS LTD.

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CANADA V7J 2C1
TELEPHONE (604)984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : CHEVRON STANDARD LIMITED
MINERALS STAFF
#901 - 355 BURRARD ST.
VANCOUVER, B.C.
V6C 2G8

CERT. # : A8112548-005-A
INVOICE # : I8112548
DATE : 11-AUG-81
P.O. # : 56809
S508-SLIPPERY CLM.

CC: K.E. NORTHCOTE & ASSOC.

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	
508S 2S 3+00W	201	13	5	94	0.1	6	--
508S 3N 0+25E	201	16	3	118	0.1	5	--
508S 3N 0+50E	201	17	4	120	0.1	5	--
508S 3N 0+75E	201	18	3	76	0.1	5	--
508S 3N 1+00E	201	16	3	88	0.1	5	--
508S 3N 1+25E	201	13	5	95	0.1	4	--
508S 3N 1+50E	201	12	2	120	0.1	4	--
508S 3N 1+75E	201	18	2	85	0.1	5	--
508S 3N 2+00E	201	19	5	218	0.1	5	--
508S 3N 2+25E	201	13	4	138	0.1	6	--
508S 3N 2+50E	201	65	6	160	0.1	7	--
508S 3N 2+75E	201	24	3	90	0.1	6	--
08S 3N 3+00E	201	20	5	168	0.1	5	--
508S 3N 3+25E	201	13	1	90	0.1	5	--
508S 3N 3+50E	201	17	2	93	0.1	5	--
508S 3N 3+75E	201	12	4	78	0.1	6	--
508S 3N 4+00E	201	12	3	130	0.1	5	--
508S 3N 4+25E	201	17	5	260	0.1	4	--
508S 3N 4+50E	201	39	5	145	0.1	4	--
508S 3N 4+75E	201	87	5	148	0.6	4	--
508S 3N 0+25W	201	25	1	38	0.2	4	--
508S 3N 0+50W	201	29	4	130	0.1	5	--
508S 3N 0+75W	201	13	4	88	0.1	6	--
508S 3N 1+00W	201	13	3	112	0.1	6	--
508S 3N 1+25W	201	19	6	185	0.1	12	--
508S 3N 1+50W	201	16	6	82	0.1	10	--
508S 3N 1+75W	201	60	4	60	0.3	13	--
508S 3N 2+00W	201	66	6	112	0.6	19	--
508S 3N 2+25W	201	16	5	75	0.1	6	--
508S 3N 2+50W	201	12	4	115	0.1	4	--
508S 3N 2+75W	201	10	3	80	0.1	6	--
508S 3N 3+00W	201	8	6	100	0.1	5	--
508S 3N DA81-1	201	53	2	100	0.1	7	--
LO 3+00E KEN	201	55	6	65	0.1	5	--

CTA MEMBER CANADIAN TESTING ASSOCIATION

Certified by Hart Richter

CHEMEX LABS LTD.

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

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : CHEVRON STANDARD LIMITED
MINERALS STAFF
#901 - 355 BURRARD ST.
VANCOUVER, B.C.
V6C 2G8

CERT. # : A8112549-001-A
INVOICE # : I8112549
DATE : 06-AUG-81
P.O. # : 56809
B508-BUGGSY CLAIM

CC: K.E. NORTHCOTE & ASSOC.

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	Ag ppm	AS ppm	
508B BL 0+00E	201	15	6	90	0.1	6	--
508B BL 0+25E	201	12	2	63	0.1	9	--
508B BL 0+50E	201	16	4	75	0.1	7	--
508B BL 0+75E	201	14	5	120	0.1	6	--
508B BL 1+00E	201	12	4	90	0.1	7	--
508B BL 1+25E	201	10	5	110	0.1	6	--
508B BL 1+50E	201	9	4	93	0.1	6	--
508B BL 1+75E	201	10	5	120	0.1	9	--
508B BL 2+00E	201	8	4	130	0.1	9	--
508B BL 0+25W	201	9	6	102	0.1	6	--
508B BL 0+50W	201	11	2	75	0.1	6	--
508B BL 0+75W	201	10	4	105	0.1	7	--
508B BL 1+00W	201	11	8	123	0.1	9	--
508B BL 1+25W	201	12	5	150	0.1	6	--
508B BL 1+50W	201	9	5	120	0.1	6	--
508B BL 1+75W	201	10	5	78	0.1	5	--
508B BL 2+00W	203	29	5	50	0.1	7	--
508B BL 2+25W	201	16	6	270	0.1	5	--
508B BL 2+50W	203	64	12	150	0.4	14	--
508B BL 2+75W	201	18	5	160	0.1	7	--
508B BL 3+00W	201	17	5	168	0.1	5	--
508B OL 0+25N	201	11	4	92	0.1	6	--
508B OL 0+50N	201	11	4	85	0.1	6	--
508B OL 0+75N	201	10	4	112	0.1	7	--
508B OL 1+00N	201	11	5	140	0.1	5	--
508B OL 1+25N	201	13	4	115	0.1	5	--
508B OL 1+50N	201	11	5	120	0.1	6	--
508B OL 1+75N	201	10	4	145	0.1	5	--
508B OL 2+00N	201	9	5	110	0.1	11	--
508B OL 2+25N	201	9	5	64	0.1	5	--
508B OL 2+50N	201	16	4	92	0.1	5	--
508B OL 2+75N	201	9	5	120	0.1	5	--
508B OL 3+00N	201	10	3	70	0.1	6	--
508B OL 3+25N	201	9	4	90	0.1	5	--
508B OL 3+50N	201	12	5	135	0.1	4	--
508B OL 3+75N	201	23	3	72	0.1	6	--
508B OL 4+00N	201	18	5	67	0.1	6	--
508B OL 0+25S	201	12	5	112	0.1	6	--
508B OL 0+50S	201	12	4	110	0.1	5	--
508B OL 0+75S	201	15	5	74	0.1	6	--

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CANADA V7J 2C1
TELEPHONE (604)984-0221
TELEX: 043-52597

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CERTIFICATE OF ANALYSIS

TO : CHEVRON STANDARD LIMITED
MINERALS STAFF
#901 - 355 BURRARD ST.
VANCOUVER, B.C.
V6C 2G8

CERT. # : A8112549-002-A
INVOICE # : I8112549
DATE : 06-AUG-81
P.O. # : 56809
B508-BUGGSY CLAIM

CC: K.E. NORTHCOTE & ASSOC.

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	Ag ppm	AS ppm	
508B BLO 1+00S	201	16	7	78	0.1	7	--
508B BLO 1+25S	201	12	4	85	0.1	5	--
508B BLO 1+50S	201	10	5	123	0.1	7	--
508B BLO 1+75S	201	11	4	58	0.1	5	--
508B BLO 2+00S	201	11	5	100	0.1	4	--
508B BLO 2+25S	201	11	7	75	0.1	3	--
508B BLO 2+50S	201	13	7	116	0.1	4	--
508B BLO 2+75S	201	9	8	120	0.1	5	--
508B BLO 3+00S	201	12	13	75	0.1	4	--
508B BLO 3+25S	201	12	5	72	0.1	7	--
508B BLO 3+50S	201	13	4	88	0.1	15	--
508B BLO 3+75S	201	10	5	115	0.1	73	--
508B BLO 4+00S	201	12	4	85	0.1	6	--
508B BLO 4+25S	201	10	5	118	0.1	5	--
508B BLO 4+50S	201	13	3	68	0.1	6	--
508B BLO 4+75S	201	10	6	85	0.1	5	--
508B BLO 5+00S	201	9	2	140	0.1	3	--
508B BLO 5+25S	201	8	5	78	0.1	4	--
508B BLO 5+50S	201	9	5	85	0.1	5	--
508B BLO 5+75S	201	9	2	75	0.1	5	--
508B BLO 6+00S	201	10	2	98	0.1	6	--
508B 1E 0+25N	201	12	5	140	0.1	7	--
508B 1E 0+50N	201	9	4	118	0.1	5	--
508B 1E 0+75N	201	10	6	36	0.1	6	--
508B 1E 1+00N	201	11	5	175	0.2	6	--
508B 1E 1+25N	201	11	5	210	0.1	3	--
508B 1E 1+50N	201	8	4	110	0.1	4	--
508B 1E 1+75N	201	4	3	135	0.1	6	--
508B 1E 2+00N	201	11	4	110	0.1	7	--
508B 1E 2+25N	201	10	4	105	0.1	4	--
508B 1E 2+50N	201	21	3	130	0.1	6	--
508B 1E 2+75N	201	9	4	128	0.1	5	--
508B 1E 3+00N	201	8	2	120	0.1	3	--
508B 1E 3+25N	201	8	2	98	0.1	4	--
508B 1E 3+50N	201	7	2	98	0.1	3	--
508B 1E 3+75N	201	10	4	38	0.1	3	--
508B 1E 4+00N	201	11	4	102	0.1	5	--
508B 1E 4+25N	201	12	3	90	0.1	6	--
508B 1E 0+25S	201	12	2	60	0.1	4	--
508B 1E 0+50S	201	12	1	100	0.1	6	--

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CTA 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 : CHEVRON STANDARD LIMITED
MINERALS STAFF
#901 - 355 BURRARD ST.
VANCOUVER, B.C.
V6C 2G8

CERT. # : A8112549-003-A
INVOICE # : I8112549
DATE : 06-AUG-81
P.O. # : 56809
B508-BUGGSY CLAIM

CC: K.E. NORTHCOTE & ASSOC.

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	
508B 1E 0+75S	201	13	3	115	0.1	5	--
508B 1E 1+00S	201	12	4	115	0.1	5	--
508B 1E 1+25S	201	10	3	85	0.1	6	--
508B 1E 1+50S	201	11	1	65	0.1	5	--
508B 1E 1+75S	201	10	3	84	0.1	5	--
508B 1E 2+00S	201	11	2	74	0.1	4	--
508B 1E 2+25S	201	10	3	95	0.1	5	--
508B 1E 2+50S	201	12	4	62	0.1	7	--
508B 1E 2+75S	201	11	4	68	0.1	6	--
508B 1E 3+00S	201	8	3	78	0.1	5	--
508B 1W 0+25N	201	12	5	72	0.1	3	--
508B 1W 0+50N	201	11	6	95	0.1	6	--
508B 1W 0+75N	201	10	5	120	0.1	6	--
508B 1W 1+00N	201	11	3	135	0.1	4	--
508B 1W 1+25N	201	9	4	110	0.1	4	--
508B 1W 1+50N	201	13	3	82	0.1	4	--
508B 1W 1+75N	201	8	3	108	0.1	5	--
508B 1W 2+00N	201	12	6	50	0.1	4	--
508B 1W 2+25N	201	11	3	115	0.1	5	--
508B 1W 2+50N	201	10	3	55	0.1	4	--
508B 1W 2+75N	201	13	2	140	0.1	4	--
508B 1W 3+00N	201	15	2	65	0.1	6	--
508B 1W 3+25N	201	8	2	48	0.1	3	--
508B 1W 3+50N	201	15	5	57	0.1	3	--
508B 1W 3+75N	201	10	5	63	0.1	4	--
508B 1W 4+00N	201	10	3	70	0.1	3	--
508B 1W 0+25S	201	10	4	88	0.1	9	--
508B 1W 0+50S	201	9	5	100	0.1	5	--
508B 1W 0+75S	201	10	3	120	0.1	4	--
508B 1W 1+00S	201	9	3	110	0.1	3	--
508B 1W 1+25S	201	11	2	90	0.1	4	--
508B 1W 1+50S	201	11	2	70	0.1	7	--
508B 1W 1+75S	201	11	3	120	0.1	6	--
508B 1W 2+00S	201	9	5	82	0.1	4	--
508B 1W 2+25S	201	12	5	118	0.1	5	--
508B 1W 2+50S	201	12	2	60	0.1	7	--
508B 1W 2+75S	201	13	2	55	0.1	6	--
508B 1W 3+00S	201	9	3	118	0.1	6	--
508B 1W 3+25S	201	8	5	100	0.1	6	--
508B 1W 3+50S	201	10	2	94	0.1	5	--

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CTA MEMBER CANADIAN TESTING ASSOCIATION

CHEMEX LABS LTD.

212 BROOKSBANK AVE
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CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

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CERTIFICATE OF ANALYSIS

TO : CHEVRON STANDARD LIMITED
MINERALS STAFF
#901 - 355 BURRARD ST.
VANCOUVER, B.C.
V6C 2G8

CERT. # : A8112549-004-A
INVOICE # : I8112549
DATE : 06-AUG-81
P.O. # : 56809
B508-BUGGSY CLAIM

CC: K.E. NORTHCOTE & ASSOC.

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	Ag ppm	AS ppm	
508B 1W 3+75S	201	16	3	100	0.1	6	--
508B 1W 4+00S	201	11	3	118	0.1	7	--
508B 1W 4+25S	201	11	2	94	0.1	9	--
508B 1W 4+50S	201	12	2	95	0.1	6	--
508B 1W 4+75S	201	11	4	75	0.1	7	--
508B 1W 5+00S	201	10	2	90	0.1	7	--
508B 1W 5+25S	201	9	3	40	0.1	7	--
508B 1W 5+50S	201	11	3	85	0.1	5	--
508B 1W 5+75S	201	13	3	135	0.1	9	--
508B 1W 6+00S	201	10	3	125	0.1	7	--
508B 2E 0+25N	201	11	3	115	0.1	7	--
508B 2E 0+50N	201	11	2	90	0.1	5	--
08B 2E 0+75N	201	12	3	98	0.1	9	--
508B 2E 1+00N	201	11	3	115	0.1	6	--
508B 2E 1+25N	201	9	2	48	0.1	6	--
508B 2E 1+50N	201	43	1	68	0.2	7	--
508B 2E 1+75N	201	11	1	50	0.1	7	--
508B 2E 2+00N	201	10	1	90	0.1	9	--
508B 2E 2+25N	201	12	2	50	0.1	4	--
508B 2E 2+50N	201	11	4	160	0.1	6	--
508B 2E 2+75N	201	9	4	133	0.1	5	--
508B 2E 3+00N	201	9	3	95	0.1	5	--
508B 2E 3+25N	201	10	1	80	0.1	6	--
508B 2E 3+50N	201	9	2	100	0.1	5	--
508B 2E 3+75N	201	12	3	88	0.1	4	--
508B 2E 4+00N	201	10	3	68	0.1	4	--
508B 2E 0+25S	201	10	4	115	0.1	6	--
508B 2E 0+50S	201	11	3	42	0.1	6	--
508B 2E 0+75S	201	9	4	105	0.1	6	--
508B 2E 1+00S	201	7	6	95	0.1	4	--
508B 2E 1+25S	201	12	2	112	0.1	7	--
508B 2E 1+50S	201	12	2	80	0.1	9	--
508B 2E 1+75S	201	11	2	75	0.1	7	--
508B 2E 2+00S	201	17	1	55	0.1	6	--
508B 2E 2+25S	201	13	2	60	0.1	3	--
508B 2E 2+50S	201	12	1	66	0.1	4	--
508B 2E 2+75S	201	12	1	58	0.1	5	--
08B 2E 3+00S	201	12	4	100	0.1	6	--
508B 2W 0+25N	201	13	5	88	0.1	3	--
508B 2W 0+50N	201	10	1	117	0.1	5	--

Certified by ..Hart Bichler.....

CTA 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 : CHEVRON STANDARD LIMITED
MINERALS STAFF
#901 - 355 BURRARD ST.
VANCOUVER, B.C.
V6C 2G8

CERT. # : A8112549-005-A
INVOICE # : I8112549
DATE : 06-AUG-81
P.O. # : 56809
B508-BUGGSY CLAIM

CC: K.E. NORTHCOTE & ASSOC.

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	Ag ppm	AS ppm	
508B 2W 0+75N	201	14	1	58	0.1	6	--
508B 2W 1+00N	201	11	3	110	0.1	5	--
508B 2W 1+25N	201	11	2	150	0.1	6	--
508B 2W 1+50N	201	14	2	125	0.1	4	--
508B 2W 1+75N	201	10	1	85	0.1	5	--
508B 2W 2+00N	201	11	2	105	0.1	6	--
508B 2W 2+25N	201	11	2	73	0.1	6	--
508B 2W 2+50N	201	12	1	108	0.1	4	--
508B 2W 2+75N	201	16	1	80	0.1	5	--
508B 2W 3+00N	201	12	1	78	0.1	5	--
508B 2W 3+25N	201	11	3	44	0.1	5	--
508B 2W 3+50N	201	8	1	52	0.1	5	--
508B 2W 3+75N	201	9	1	30	0.1	4	--
508B 2W 4+00N	201	6	1	38	0.1	2	--
508B 2W 0+25S	201	10	1	105	0.1	3	--
508B 2W 0+50S	201	12	1	72	0.1	4	--
508B 2W 0+75S	201	9	3	80	0.1	2	--
508B 2W 1+00S	201	12	1	98	0.1	5	--
508B 2W 1+25S	201	11	2	70	0.1	3	--
508B 2W 1+50S	201	12	1	62	0.1	4	--
508B 2W 1+75S	201	7	1	105	0.1	5	--
508B 2W 2+00S	201	13	1	90	0.1	5	--
508B 2W 2+25S	201	11	1	115	0.1	6	--
508B 2W 2+50S	201	10	1	75	0.1	4	--
508B 2W 2+75S	201	10	1	50	0.1	4	--
508B 2W 3+00S	201	12	1	112	0.1	4	--
508B 2W 3+25S	201	11	1	45	0.1	4	--
508B 2W 3+50S	201	15	3	128	0.2	6	--
508B 2W 3+75S	201	11	3	108	0.1	5	--
508B 2W 4+00S	201	11	2	78	0.1	5	--
508B 2W 4+25S	201	18	1	126	0.2	6	--
508B 2W 4+50S	201	10	1	64	0.1	4	--
508B 2W 4+75S	201	11	1	34	0.1	3	--
508B 2W 5+00S	201	11	1	86	0.1	5	--
508B 2W 5+25S	201	10	1	138	0.1	4	--
508B 2W 5+45S	201	10	1	80	0.1	6	--
508B 2W 5+70S	201	10	10	125	0.1	5	--
508B 2W 6+00S	201	11	1	70	0.1	6	--
508B 3W 0+25N	201	11	1	35	0.1	3	--
508B 3W 0+50N	201	10	1	39	0.1	4	--

Certified by .....

CHEMEX LABS LTD.

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

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CERTIFICATE OF ANALYSIS

TO : CHEVRON STANDARD LIMITED
MINERALS STAFF
#901 - 355 BURRARD ST.
VANCOUVER, B.C.
V6C 2G8

CERT. # : A8112549-006-A
INVOICE # : I8112549
DATE : 06-AUG-81
P.O. # : 50809
B508-BUGGSY CLAIM

CC: K.E. NORTHCOTE & ASSOC.

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	Ag ppm	AS ppm	
5083 3W 0+75N	201	12	1	122	0.1	5	--
5088 3W 1+00N	201	12	1	85	0.1	4	--
5088 3W 1+25N	201	12	6	148	0.1	5	--
5086 3W 1+50N	201	10	8	168	0.1	4	--
5088 3W 1+75N	201	8	5	140	0.1	6	--
5088 3W 2+00N	201	10	5	75	0.1	4	--
5088 3W 2+25N	201	8	3	130	0.1	4	--
5088 3W 2+50N	201	12	4	132	0.1	5	--
5083 3W 2+75N	201	9	4	70	0.1	4	--
5088 3W 3+00N	201	13	2	95	0.1	5	--
5088 3W 3+25N	201	11	4	78	0.1	4	--
5088 3W 3+50N	203	44	8	125	0.1	9	--
5088 3W 3+75N	201	27	5	85	0.1	3	--
5086 3W 4+00N	203	21	6	78	0.1	7	--
5038 3W 4+25N	203	33	8	138	0.1	6	--
5088 3W 4+50N	201	11	3	102	0.1	4	--
503E 3W 4+75N	201	9	3	88	0.1	3	--
5088 3W 5+00N	201	11	5	112	0.1	4	--
5083 3W 0+25S	201	12	6	158	0.1	4	--
5083 3W 0+50S	201	12	5	100	0.1	5	--
5088 3W 0+75S	201	10	6	110	0.1	5	--
5088 3W 1+00S	201	8	4	130	0.1	3	--
5088 3W 1+25S	201	12	3	65	0.1	6	--
5088 3W 1+50S	201	8	4	95	0.1	4	--
5088 3W 1+75S	201	10	4	95	0.1	4	--
5088 3W 2+00S	201	12	4	90	0.1	4	--
5086 3W 2+25S	201	10	5	105	0.1	5	--
5088 3W 2+50S	201	12	6	88	0.1	3	--
5088 3W 2+75S	201	14	5	105	0.1	5	--
5083 3W 3+00S	201	11	4	85	0.1	4	--
5088 3W 3+25S	201	11	4	92	0.1	4	--
5088 3W 3+50S	201	11	3	95	0.1	5	--
5088 3W 3+75S	201	13	5	130	0.1	4	--
5088 3W 4+00S	201	10	5	105	0.1	5	--
5088 3W 4+25S	201	9	4	110	0.1	3	--
5088 3W 4+50S	201	12	4	80	0.1	5	--
5088 3W 4+75S	201	12	3	102	0.1	4	--
5086 3W 5+00S	201	12	5	92	0.1	4	--
5083 3W 5+25S	201	10	5	104	0.1	4	--
5088 3W 5+50S	201	11	2	76	0.1	5	--

Certified by Hart Richards

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 : CHEVRON STANDARD LIMITED
MINERALS STAFF
#901 - 355 BURRARD ST.
VANCOUVER, B.C.
V6C 2G8

CERT. # : A8112549-007-A
INVOICE # : I8112549
DATE : 06-AUG-81
P.O. # : 56809
B508-BUGGSY CLAIM

CC: K.E. NORTHCOTE & ASSOC.

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	Ag ppm	AS ppm	
508B 3W 5+75S	201	16	4	55	0.1	5	--
508B 3W 6+00S	201	14	5	100	0.1	5	--
508 SG-1	201	12	3	62	0.1	5	--
508 SG81-2	201	13	2	118	0.1	4	--
508 SG81-3	201	17	2	52	0.1	6	--

Certified by Hart Richter

CTA 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 : CHEVRON STANDARD LIMITED
MINERALS STAFF
#901 - 355 BURRARD ST.
VANCOUVER, B.C.
V6C 2G8

CERT. # : A8114271-001-A
INVOICE # : I8114271
DATE : 06-OCT-81
P.O. # : S6809
B508 BUGSY CLAIM

CC: K.E. NORTHCOTE AGASSIZ, B.C.

Sample description	Prep code	AS ppm					
508B BLO 3+00 S	214	1	--	--	--	--	--
508B BLO 3+25 S	214	4	--	--	--	--	--
508B BLO 3+50 S	214	3	--	--	--	--	--
508B BLO 3+75 S	214	3	--	--	--	--	--
508B BLO 4+00 S	214	2	--	--	--	--	--
508B BLO 4+25 S	214	1	--	--	--	--	--
508B BLO 4+50 S	214	3	--	--	--	--	--

CTA MEMBER CANADIAN TESTING ASSOCIATION

Certified by J.F. McKay

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 : CHEVRON STANDARD LIMITED
MINERALS STAFF
#901 - 355 BURRARD ST.
VANCOUVER, B.C.
V6C 2G8

CERT. # : A8113392-004-A
INVOICE # : I8113392
DATE : 30-AUG-81
P.O. # : 56809
M508
WEASEL

Sample description	Prep code	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	
L0+50W 2+50S	201	15	--	5	65	0.1	--
L0+50W 3+00S	201	17	--	1	73	0.2	--
L0+50W 3+50S	201	9	--	1	22	0.1	--
L0+50W 0+50N	201	18	--	6	66	0.1	--
L0+50W 1+00N	201	13	--	7	80	0.2	--
L0+50W 1+50N	201	9	--	5	82	0.3	--
L0+50W 2+00N	201	6	--	5	82	0.1	--
L0+50W 2+50N	201	7	--	8	75	0.1	--
L0+50W 3+00N	201	3	--	9	116	0.3	--
L1 W 0+25 S	201	8	--	6	92	0.1	--
L1 W 0+75 S	201	25	--	8	360	0.1	--
L1 W 1+25 S	201	29	--	6	125	0.4	--
L1 W 1+75 S	201	25	--	5	115	0.1	--
L1 W 2+25 S	201	34	--	3	56	0.4	--
L1 W 2+75 S	201	14	--	4	82	0.3	--
L1 W 3+25 S	201	12	--	1	12	0.4	--
L1 W 0+25 N	201	14	--	10	43	0.1	--
L1 W 0+75 N	201	9	--	7	95	0.1	--
L1 W 1+25 N	201	9	--	10	85	0.2	--
L1 W 1+75 N	201	8	--	7	105	0.3	--
L1 W 2+25 N	201	9	--	6	66	0.1	--
L1 W 2+75 N	201	8	--	5	102	0.1	--
200E 0+50 N	201	13	--	6	52	0.1	--
200E 1+00 N	201	14	--	6	64	0.1	--
200E 1+50 N	201	14	--	6	100	0.1	--
200E 2+00 N	201	12	--	3	77	0.1	--
200E 2+50 N	201	6	--	2	2	0.1	--
200E 0+50 S	201	8	--	4	73	0.1	--
200E 1+00 S	201	9	--	5	48	0.1	--
200E 1+50 S	201	13	--	4	92	0.1	--
200E 2+00 S	201	9	--	3	86	0.1	--
200E 2+50 S	201	13	--	3	118	0.1	--
200E 3+00 S	201	24	--	7	120	0.1	--
200E 3+50 S	201	13	--	5	85	0.1	--
50E 0+50 S	201	14	--	5	88	0.1	--
50E 1+00 S	201	37	--	6	73	0.1	--
50E 1+50 S	201	9	--	5	48	0.1	--
50E 2+00 S	201	16	--	6	58	0.1	--
50E 2+50 S	201	15	--	4	66	0.2	--
50E 3+00 S	201	11	--	5	130	0.3	--

Certified by Hart Biddle

CTA MEMBER CANADIAN TESTING ASSOCIATION

WEASEL

Sample description	Prep code	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	
50E 3+50 S	201	27	--	8	175	0.2	--
50E 0+50 N	201	11	--	5	60	0.1	--
50E 1+00 N	201	8	--	3	55	0.1	--
50E 1+50 N	201	12	--	7	113	0.1	--
50E 2+00 N	201	12	--	7	72	0.1	--
50E 2+50 N	201	10	--	10	103	0.1	--
50E 3+00 N	201	8	--	7	195	0.1	--
BL 0+00 W	201	8	--	4	76	0.1	--
BL 0+50 W	201	18	--	9	260	0.6	--
BL 1+00 W	201	17	--	9	90	0.2	--
BL 0+50 E	201	15	--	8	78	0.2	--
BL 1+00 E	201	12	--	5	74	0.3	--
BL 1+50 E	201	18	--	6	64	0.1	--
BL 2+00 E	201	18	--	6	56	0.1	--
100E 0+25 N	201	21	--	4	138	0.1	--
100E 0+75 N	201	20	--	5	85	0.3	--
100E 1+25 N	201	16	--	2	92	0.2	--
100E 1+75 N	201	25	--	6	78	0.3	--
00E 0+25 S	201	39	--	3	65	0.8	--
100E 0+75 S	201	14	--	8	50	0.2	--
100E 1+25 S	201	13	--	4	78	0.1	--
100E 1+75 S	201	16	--	3	73	0.2	--
100E 2+25 S	201	15	--	4	71	0.3	--
100E 2+75S	201	14	--	2	68	0.2	--
100E 3+25 S	201	15	--	3	68	0.1	--
L0 0+25 N	201	14	--	3	80	0.5	--
L0 0+75 N	201	16	--	3	88	0.1	--
L0 1+25 N	201	16	--	4	95	0.4	--
L0 1+75 N	201	10	--	6	48	0.3	--
L0 2+25 N	201	12	--	4	150	0.2	--
L0 2+75 N	201	16	--	9	240	0.5	--
L0 0+25 S	201	30	--	6	130	0.1	--
L0 0+75 S	201	24	--	5	105	0.3	--
L0 1+25 S	201	18	--	2	46	0.1	--
L0 1+75 S	201	15	--	5	58	0.1	--
L0 2+25 S	201	25	--	2	95	0.1	--
L0 2+75 S	201	7	--	1	15	0.1	--
L0 3+25 S	201	35	--	4	90	0.1	--
L0 3+75 S	201	15	--	5	84	0.1	--
L0 4+25 S	201	11	--	3	130	0.1	--
L0 4+75 S	201	10	--	3	145	0.1	--
L0 5+25 S	201	13	--	5	112	0.1	--
L0+50W 0+50S	201	16	--	3	72	0.1	--
)+50W 1+00S	201	23	--	3	98	0.2	--
.0+50W 1+50S	201	20	--	7	75	0.5	--
L0+50W 2+00S	201	79	--	5	120	0.6	--

CTA MEMBER CANADIAN TESTING ASSOCIATION

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APPENDIX B

STATISTICAL TREATMENT OF ANALYTICAL DATA

APPENDIX C

MINFILE COMPUTER PRINT-OUTS

APPENDIX D

MINERAL CLAIM TIME CHARGE SUMMARY

54° 10' N
125°

125° 55' W

125° 50' W

125° 45' W

125° 30' W

GUYSHTON LAKE

TO BURNS LAKE

MILL ROAD

BALD

35

MUKALUK CLAIM

BUGSY CLAIMS

II

I

III

ANDERS LAKE

LCP

LCP

SLIPPERY CLAIM

LCP

54° 05'N
125° 50' W

54° 05'N
125° 45' W

WEASEL CLAIM

TCHESINKUT LAKE

N

BROWN ROAD

SNODGRASS CREEK

METRES 1000 0 1000 2000 3000 4000

SCALE: 1: 50, 000

inches
0 1
0 1 2
centimetres

This reference scale bar has been added to the original image. It will scale at the same rate as the original image so it can be used as a reference for the original size.

FRANÇOIS LAKE

OCTOPUS LAKE

125° 55' W
54° 00N

125° 50' W

125° 45' W

125° 30' W

CHEVRON STANDARD LIMITED

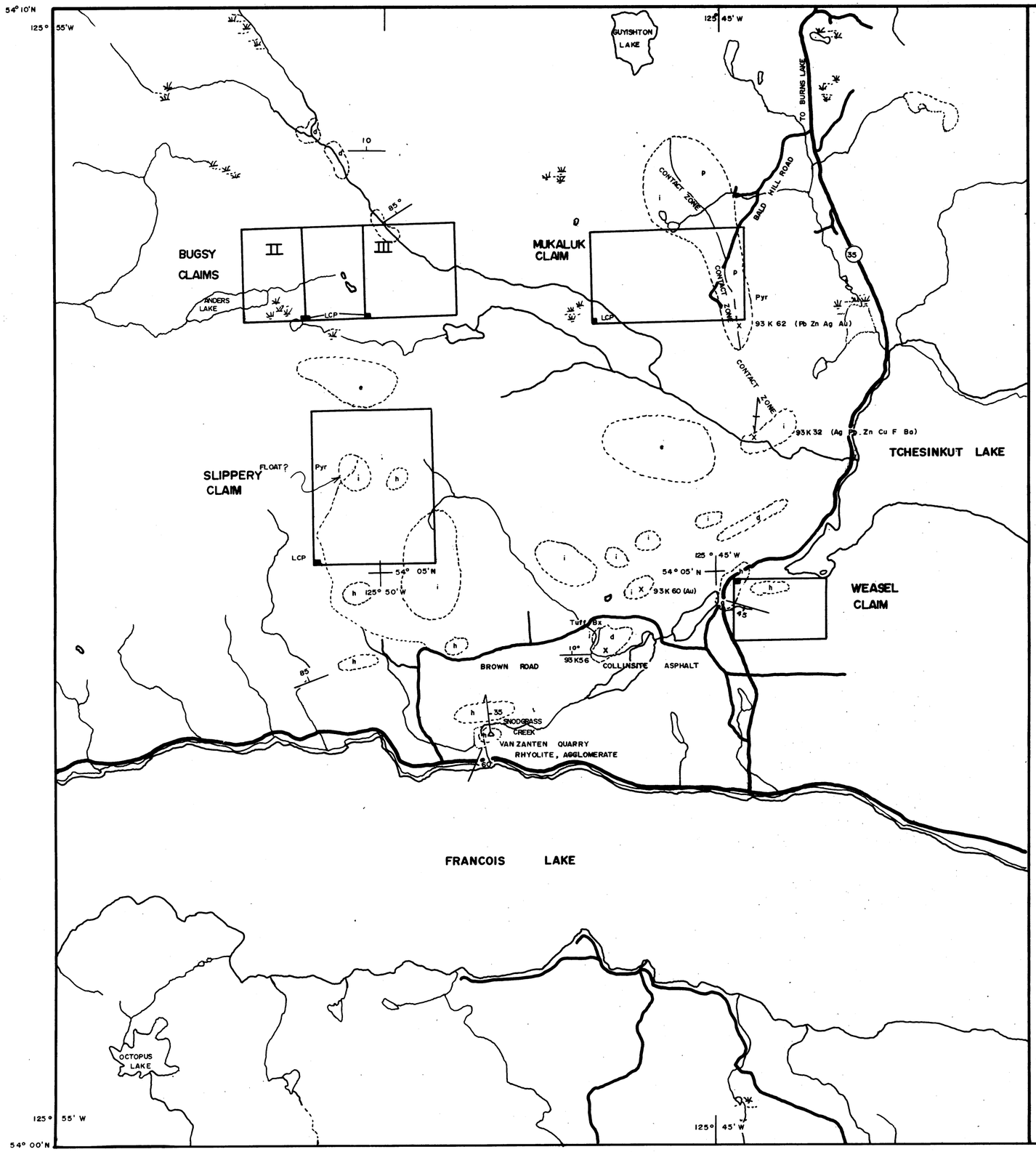
LOCATION MAP
MUKALUK, WEASEL, SLIPPERY, AND BUGSY CLAIMS

OMINECA M.D. N.T.S. 93K/4 E&W

FIGURE: 2

K.E. NORTHCOTE AND ASSOCIATES LTD.

DRAWN BY: R. G. F. DATE: AUGUST 30, 1981.



LEGEND

EOCENE

- d — **BUCK CREEK** — HOUSTON PHASE, APHANITIC ANDESITE AND DACITE LAVAS AND BRECCIA.
- e — **GOOSLY LAKE** — TRACHYANDESITE LAVAS

UPPER CRETACEOUS (?)

- g — **TIP TOP HILL** — ANDESITE LAVAS, ANDESITIC DACITE LAVAS AND PYROCLASTIC ROCKS
- h — **TCHESINKUT - BULKLEY LAKE** — RHYOLITE LAVA, BRECCIA AND TULL

EARLY AND MIDDLE MESOZOIC

- i — **HAZELTON (?)** — ANDESITIC VOLCANIC LAVAS AND BRECCIAS

INTRUSIVE ROCKS

- p — **TOPLEY INTRUSIONS** — GRANODIORITE, INTRUSION BRECCIAS

SYMBOLS

50 — BEDDING

85 — FOLIATION, SHEAR

METRES 1000 0 1000 2000 3000 4000

SCALE 1 : 50,000

N

inches 0 1 0 1 2 centimetres

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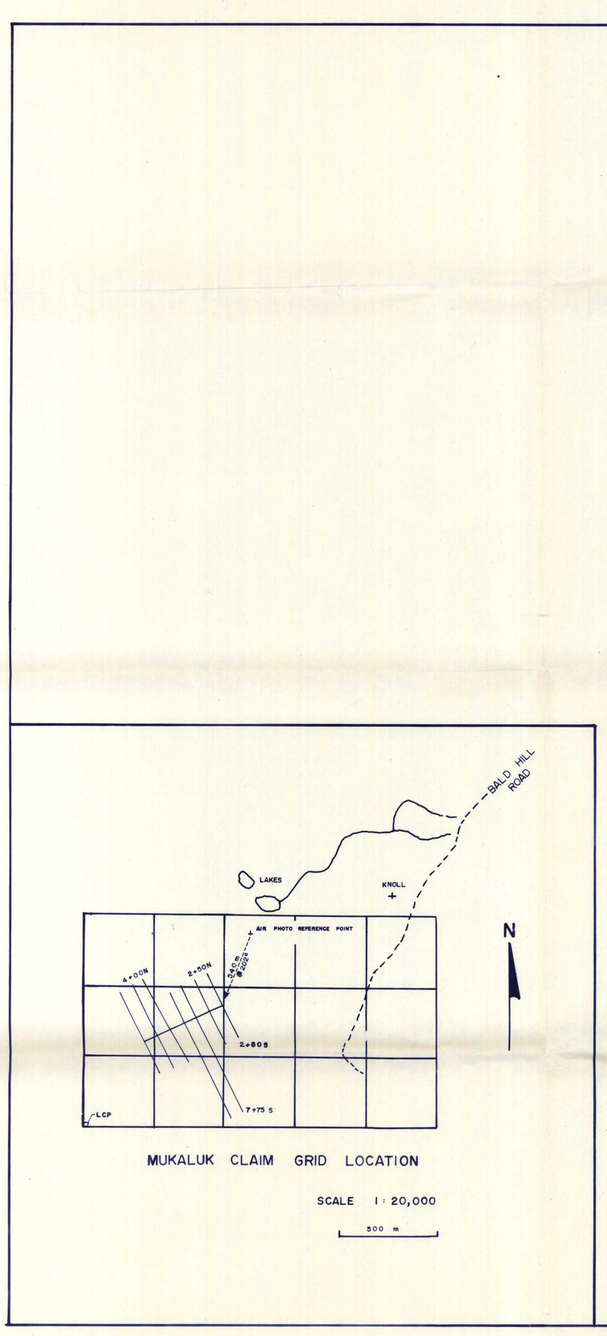
GEOLOGY OF THE
MUKALUK, WEASEL, SLIPPERY AND
BUGSY CLAIMS

OMINECA M.D. 93 K/4 E & W

FIGURE 3

K.E. NORTHCOTE AND ASSOCIATES LTD.

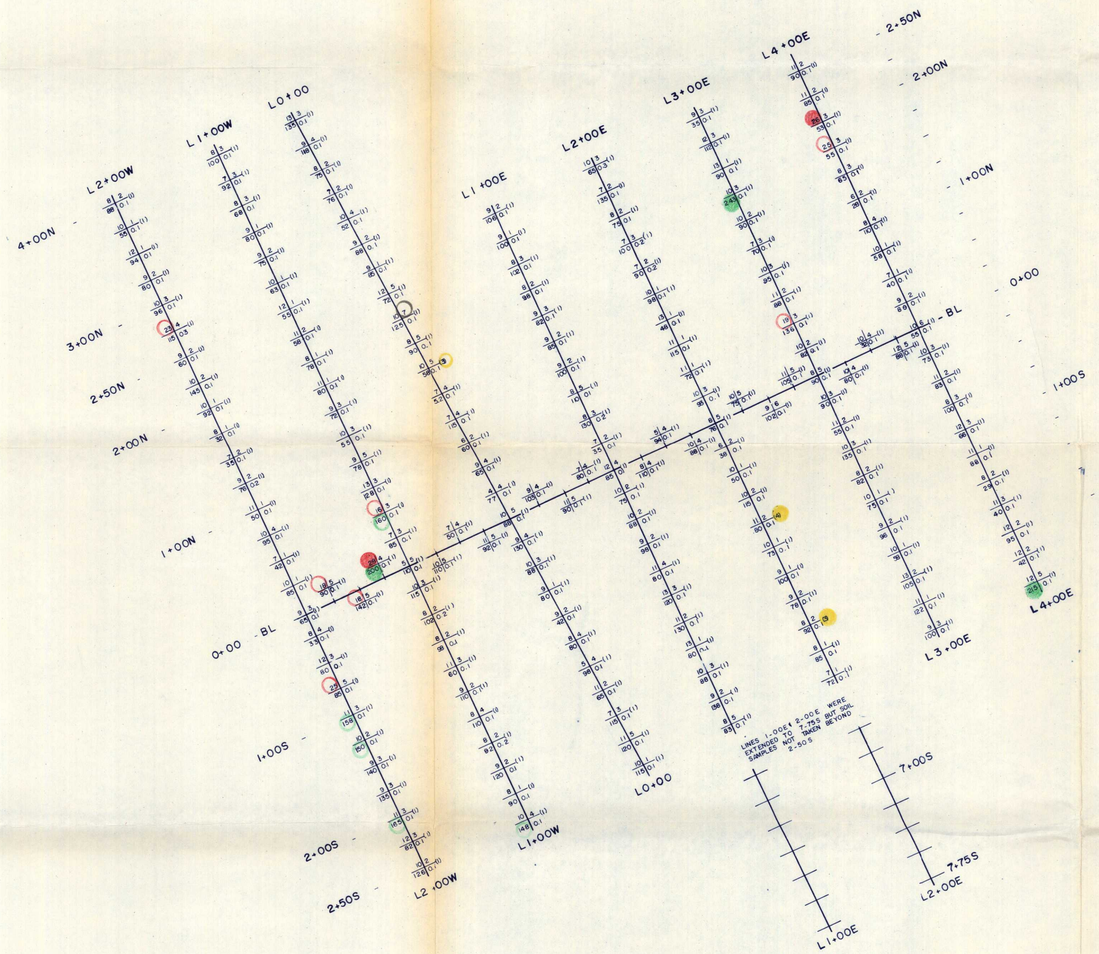
DRAWN BY: R.G.F. DATE: SEPTEMBER 19, 1981



MUKALUK CLAIM GRID LOCATION

SCALE 1 : 20,000

500 m

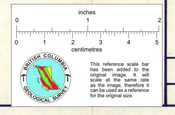


METAL VALUES IN P.P.M.

$\frac{Cu|Pb}{Zn|Ag}$ (Mo)

SCALE
100 m

NOTE BASE LINE 245°, 600m LONG
CROSS LINES AT 335°



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MUKALUK CLAIM

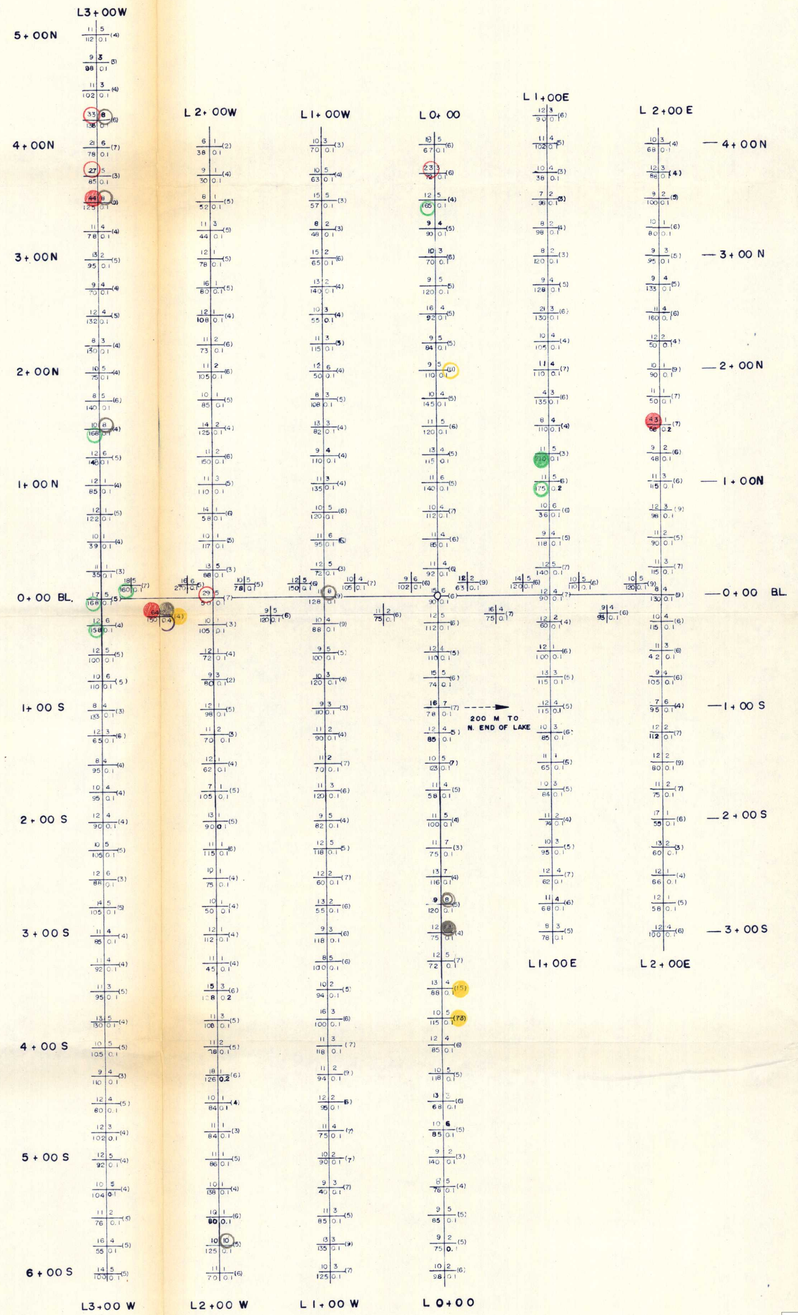
SOIL GEOCHEMISTRY

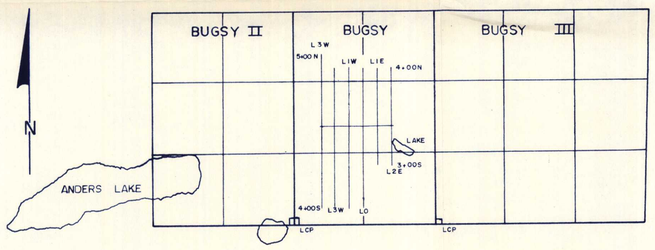
Cu Pb Zn Ag and Mo

FIGURE 4 SCALE 1:2500

K.E. NORTHCOTE AND ASSOCIATES LTD.

DRAWN BY: R.G.F. DATE: SEPTEMBER 1, 1981





SCALE 500 M

1:20,000

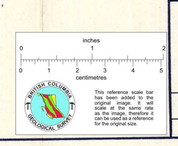
BUGSY CLAIMS GRID LOCATION

METAL VALUES IN P.P.M.

Cu | Pb
Zn | Ag (As)

SCALE

100 METRES



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BUGSY CLAIMS

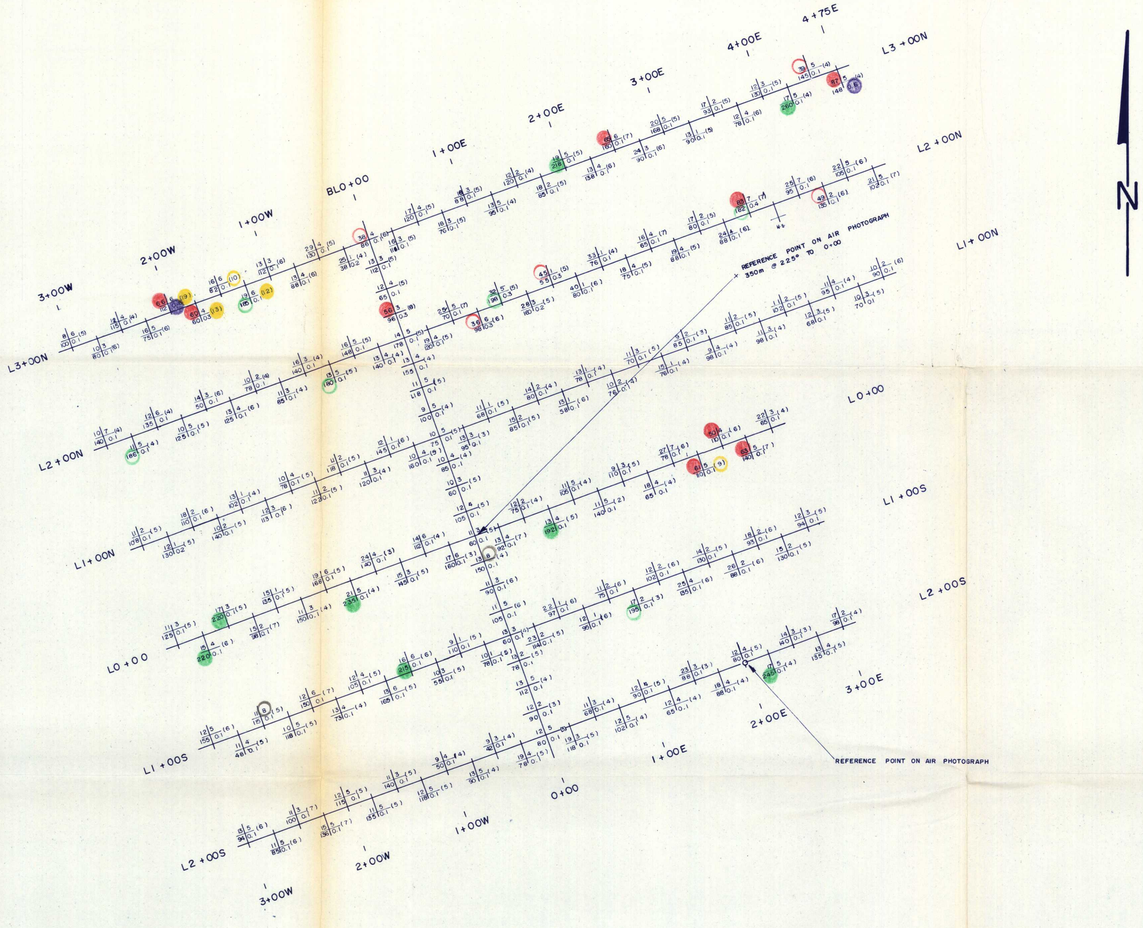
SOIL GEOCHEMISTRY

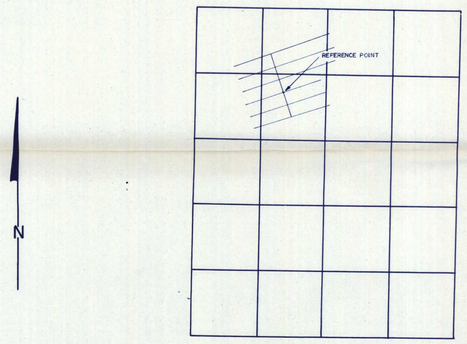
Cu Pb Zn Ag and As

FIGURE 5 SCALE 1:2500

K.E. NORTHCOTE AND ASSOCIATES LTD.

DRAWN BY R.G.F. | DATE SEPTEMBER 2, 1981





METAL VALUES IN P.P.M.

Cu|Pb
Zn|Ag (As)

SCALE
100 metres

inches
centimetres

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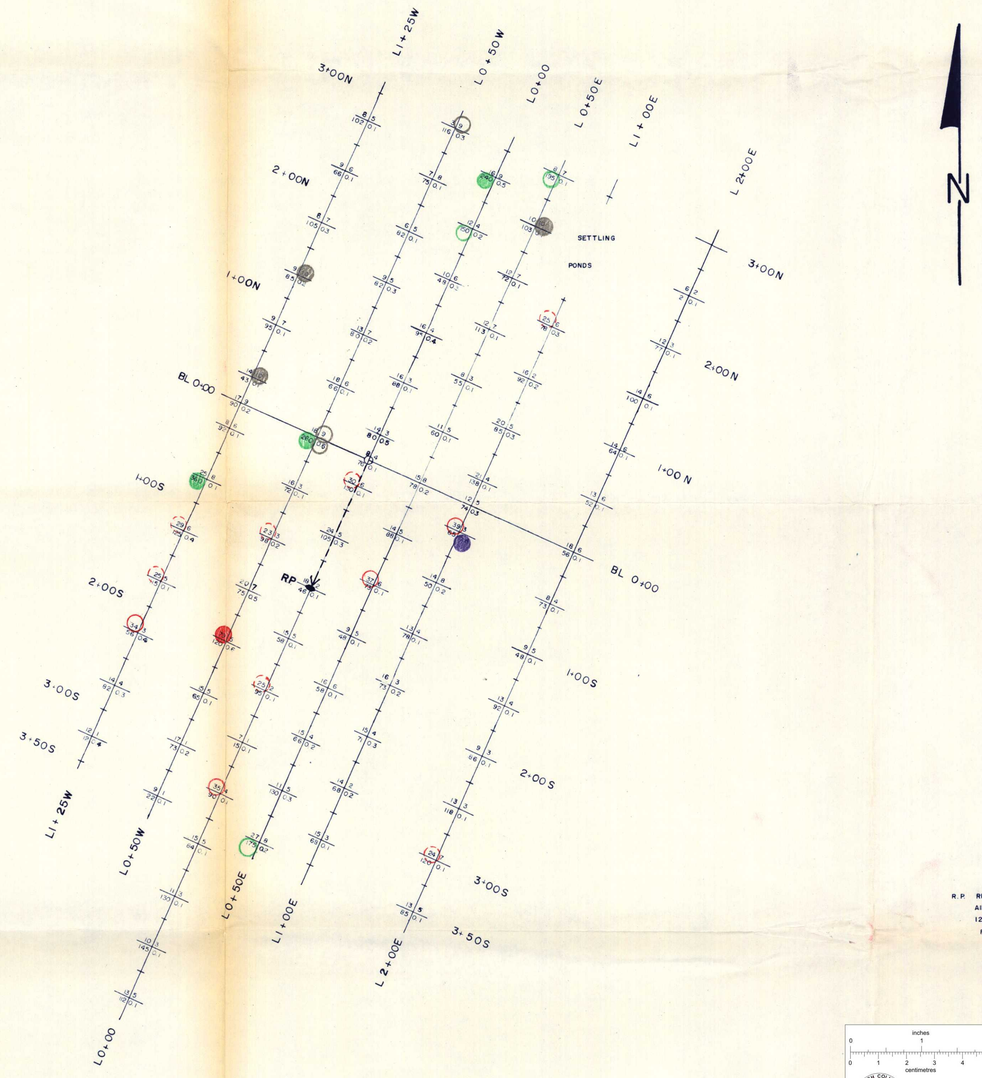
SLIPPERY CLAIM
SOIL GEOCHEMISTRY

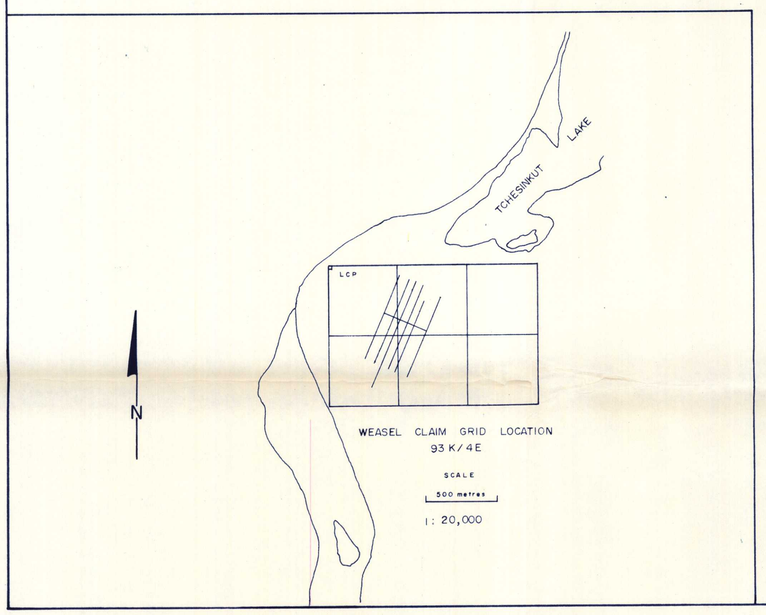
Cu Pb Zn Ag and As

FIGURE 6 NTS 93 K/4W SCALE 1:2500

K.E. NORTHCOTE AND ASSOCIATES LTD.

DRAWN BY R.G.F. DATE SEPTEMBER 2, 1981





METAL VALUES IN P.P.M.

Cu | Pb
Zn | Ag

SCALE
100 metres

R.P. REFERENCE POINT ON AIR PHOTOGRAPH 125 m BRG. 204° FROM 0+00

inches
centimetres

This reference scale bar has been added to the original image. It will scale at the same rate as the image and can be used as a reference for the original size.

CHEVRON STANDARD LIMITED

WEASEL CLAIM
SOIL GEOCHEMISTRY :
Cu Pb Zn and Ag

FIGURE 7 NTS 93 K/4E SCALE 1 : 2500

K. E. NORTHCOTE AND ASSOCIATES LTD.

DRAWN BY : R.G.F. DATE : SEPTEMBER 9, 1981