ASSESSMENT REPORT

PHYSICAL, GEOLOGICAL, GEOPHYSICAL, UNDERGROUND AND DIAMOND DRILLING WORK

WAYSIDE GROUP

Gold Bridge Area, B. C.

Lillooet Mining Division

N.T.S. 92J/15

Latitude: 50°55'N

Longitude: 122°50'W

Owner: Chevron Minerals Ltd.

Operator: Chevron Minerals Ltd.

Authors: S.G. McAllister
J.S. Getsinger
D. McHardy

November, 1988

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1.0 SUMMARY

During 1988 Chevron Minerals Ltd. undertook a surface exploration program on the Wayside property near Gold Bridge, B. C.

The Wayside gold deposit, situated within the claim group, is a gold occurrence with many similarities to the nearby, past-producing Bralorne and Pioneer deposits. Although the Wayside produced only a small amount of gold and has been explored sporadically by a number of companies, these similarities are regarded as highly significant and warranted a detailed surface investigation.

Chevron Minerals Ltd. completed geological mapping, geochemical rock sampling, backhoe trenching, VLF-EM 16 surveys, underground mapping and sampling as well as a thirteen-hole diamond drilling program during the 1988 field season.

The surface exploration carried out in 1987 has confirmed that the Wayside auriferous veins are similar in geologic setting, morphology, and mineralogy to the Bralorne and Pioneer deposits. It has shown that other areas of alteration exist on the property which may reflect the presence of additional veins at depth. A number of VLF-EM anomalies suggest the presence of additional shear zones beneath extensive glacial till cover. These zones of alteration and VLF anomalies defined in 1987 were the target of the 1988 diamond drilling program.

2.0 INTRODUCTION

During the 1988 field season, between May 15 to October 1, 1988, a crew of two to five people worked on the Wayside property. The field headquarters were established in a rented house trailer in Bralorne, B.C.

The objective of the 1988 exploration program on the Wayside property was to further evaluate the property for its potential to host Bralorne-type mesothermal gold-bearing quartz veins. This was done by backhoe trenching and diamond drilling the VLF conductors defined during 1987, particularly on the SW Diorite zone, as well as by geological mapping, geochemical sampling and underground mapping and sampling. The 1988 program consisted of:

1. Geological mapping and prospecting on the southeast side of Carpenter Lake at 1:5,000 scale;

2. Geophysical surveys (VLF-EM 16) using Seattle and Annapolis (Cutler, in places) transmitting stations on regularly spaced grids established on the Two Bob zone and South Side zone, as well as along infill contour lines on the SW Diorite zone;

3. Backhoe trenching with follow-up detailed geological mapping and sampling of the new trenches and re-mapping and re-sampling of old trenches;

4. Road building, drill pad construction and trench reclamation;

5. Underground geological mapping and limited rock chip sampling on six of the nine levels of the old Wayside workings at 1:200 scale;

6. Diamond drilling for a total of 2083 metres in thirteen holes.

3.0 LOCATION AND ACCESS

The Wayside property is located at the west end of Carpenter Lake, approximately three kilometres from the town of Gold Bridge (population 70), in the Lillooet Mining Division (Figure 1).

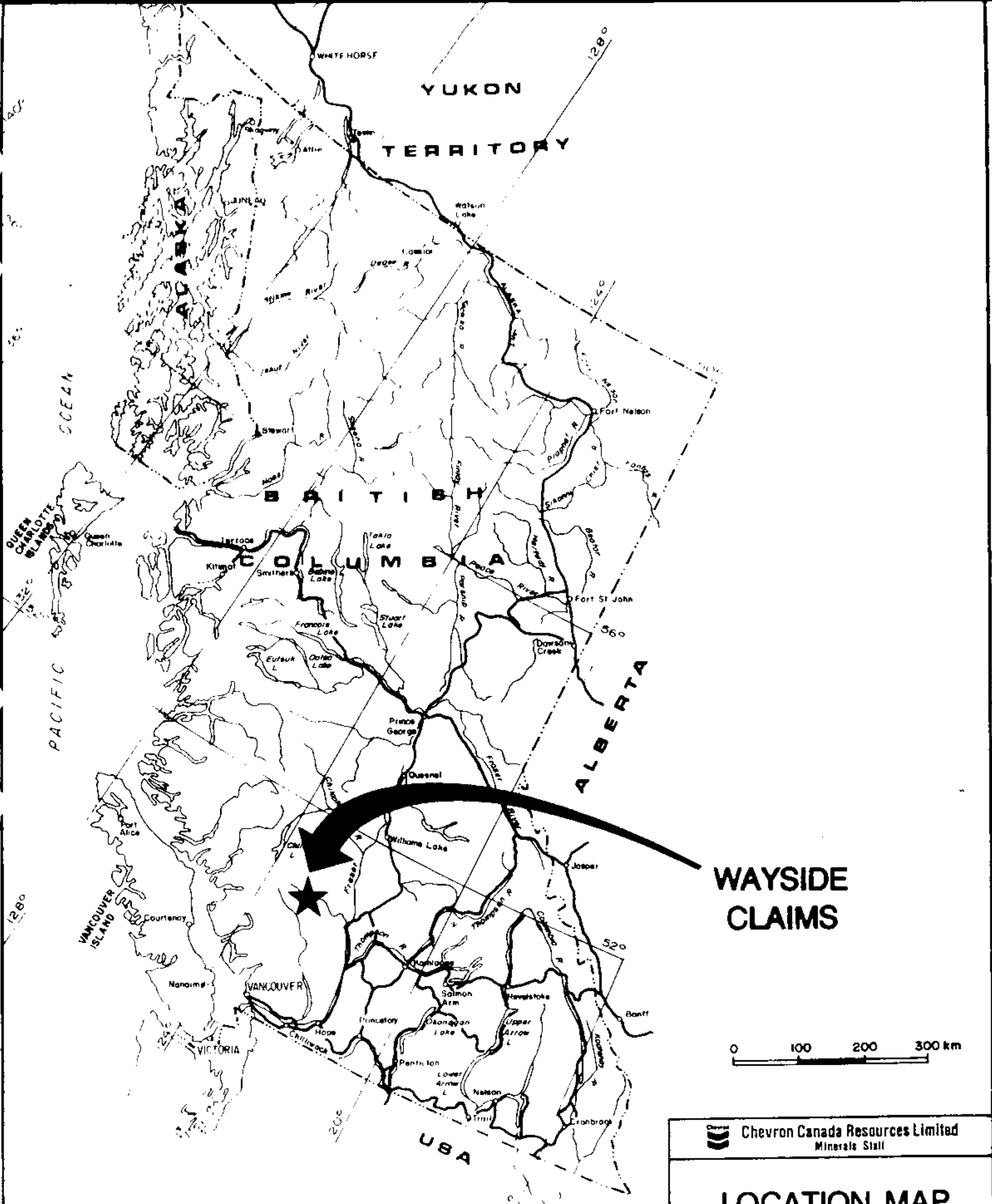
Infrastructure is ideal. Access to the property from Vancouver is via the Trans Canada Highway to Lytton, Lillooet and Gold Bridge (400 km). A second route via the Squamish Highway to Pemberton then by 4-wheel-drive logging access roads from Pemberton Meadows to Bralorne and Gold Bridge can be used during summer months (250 km).

The all-weather gravel road from Lillooet to Gold Bridge passes through the center of the claim group. Good access to most parts of the claim group, especially on the northwest side of Carpenter Lake, is afforded by a system of logging roads. A new road under construction along the south side of Gun Lake passes through the north part of the Wayside property.

A power line runs through the property. The town of Gold Bridge, a few kilometres from the center of the property, supports a hotel, motel and a number of small businesses. The town of Bralorne, with similar facilities, is located 11 kilometres south of Gold Bridge by good road.

4.0 TOPOGRAPHY AND VEGETATION

Topography varies from flat to rolling on the west side of Carpenter Lake to steep-sided on the east side. Elevation ranges from 660 to 1000 metres. Most of the area of interest lies on the southeast-facing slopes on the northwest side of



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LOCATION MAP

FIGURE No 1	PROJECT No M - 577

FIGURE 1

the lake. The level of Carpenter Lake is controlled by a dam and as a result lake level is highly variable. Even when low, the exposed lake-bottom flats are muddy and afford poor access. Highest lake level is 665 metres a.s.l.

The claims are forested and partially logged. On the northwest side of Carpenter Lake, extensive logging has taken place. Otherwise the claims are moderately-heavily forested with pine, fir, birch, spruce, alder and poplar. Undergrowth is not heavy and traversing to almost every part of the claim group is possible.

5.0 CLAIM STATUS AND OWNERSHIP

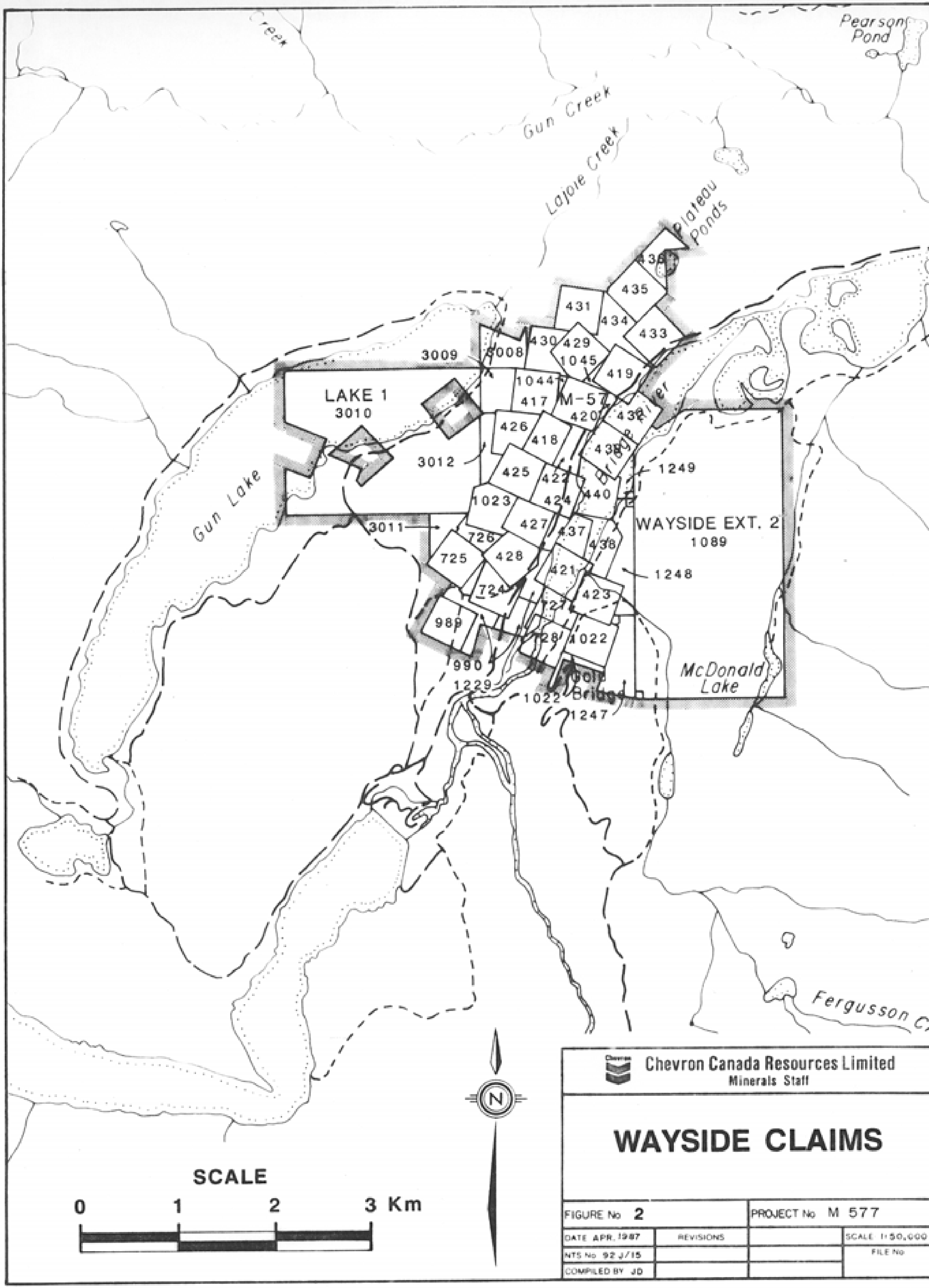
The claims comprising the Wayside property are located in the Lillooet mining division (Figure 2). Table 1 lists the claim names, record numbers and expiry dates for all claims comprising the Wayside group. Total area of the claims is 1,850 hectares.

The claims are owned by Amazon Petroleum Inc. and Carpenter Lake Resources, and are under option to Chevron Minerals Ltd. Chevron has an agreement with Carpenter and Amazon whereby Chevron can earn a 60 percent interest in the claims by making specified expenditures.

6.0 HISTORY OF EXPLORATION AND DEVELOPMENT

(after Tolbert and Stokes, 1986 and Dick et al, 1988)

During the period since the discovery of the original Wayside deposit about 1900, the property has had a fragmented history of exploration, development and neglect. While most of the effort has been directed to the original gold discovery, the Wayside, work in the 1980's (primarily diamond drilling) has focused on a massive sulphide play on the so-called "New Discovery" zone (Figure 3).



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WAYSIDE CLAIMS

FIGURE No 2		PROJECT No M 577	
DATE APR. 1987	REVISIONS		SCALE 1:50,000
NTS No 92 J/15			FILE No
COMPILED BY JD			

Table 1

CLAIM STATUS

Claim Name	Record No.	Units	Expiry Date (after submission of this report)
Argon	417	1	January 10, 1995
Radium	418	1	January 10, 1995
Helium	419	1	January 10, 1995
Queen City Fr	420	1	January 10, 1995
Rodeo	421	1	January 10, 1995
Commodore Fr.	422	1	January 10, 1995
Lodge	423	1	January 10, 1995
Alpha	424	1	January 10, 1995
Beta	425	1	January 10, 1995
Gamma	426	1	January 10, 1995
Cabinet	427	1	January 10, 1995
Counsel	428	1	January 10, 1995
Newport	429	1	January 10, 1995
Camp Denison	430	1	January 10, 1995
Sun	431	1	January 10, 1995
City 1	432	1	January 10, 1995
Spring A	433	1	January 10, 1995
Spring B	435	1	January 10, 1995
Spring C	436	1	January 10, 1995
Spring Fr	434	1	January 10, 1995
Lodge B	437	1	January 10, 1995
Rodeo Fr	438	1	January 10, 1995
Wayside 2	439	1	January 10, 1995
Lodge 2 Fr.	440	1	January 10, 1995
Counsel 2	724	1	January 16, 1995
Counsel 3	725	1	January 16, 1995
Cabinet 3	726	1	January 16, 1995
Sat 1	728	1	January 16, 1995
Sat 3	727	1	January 16, 1995
Wayside Ext. #2	1089	18	December 27, 1995
Wayside Fr #1	1247	1	March 10, 1995
Wayside Fr #2	1248	1	March 10, 1995
Wayside Fr #3	1249	1	March 10, 1995
A-Fraction	1229	1	February 11, 1995
Hillside 4	989	1	October 26, 1995
Hillside Fr & Riverside	990	1	October 26, 1995
Lodge Ext 1 & Lodge Ext. Fr	1022	1	November 9, 1995
Wayside B Fr	1044	1	November 16, 1995
Port Fr	1045	1	November 16, 1995
Cabinet 2	1023	1	November 9, 1995
Lake 3	3008	1	November 2, 1995
Lake 2	3009	1	November 2, 1995
Lake 1	3010	12	November 2, 1995
Lake 1 Fr	3011	1	November 2, 1995
Lake 2 Fr	3012	1	November 2, 1995
M-57	Mineral Lease		

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Beta	425	1	January 10, 1995
Gamma	426	1	January 10, 1995
Cabinet	427	1	January 10, 1995
Counsel	428	1	January 10, 1995
Newport	429	1	January 10, 1995
Camp Denison	430	1	January 10, 1995
Sun	431	1	January 10, 1995
City 1	432	1	January 10, 1995
Spring A	433	1	January 10, 1995
Spring B	435	1	January 10, 1995
Spring C	436	1	January 10, 1995
Spring Fr	434	1	January 10, 1995
Lodge B	437	1	January 10, 1995
Rodeo Fr	438	1	January 10, 1995
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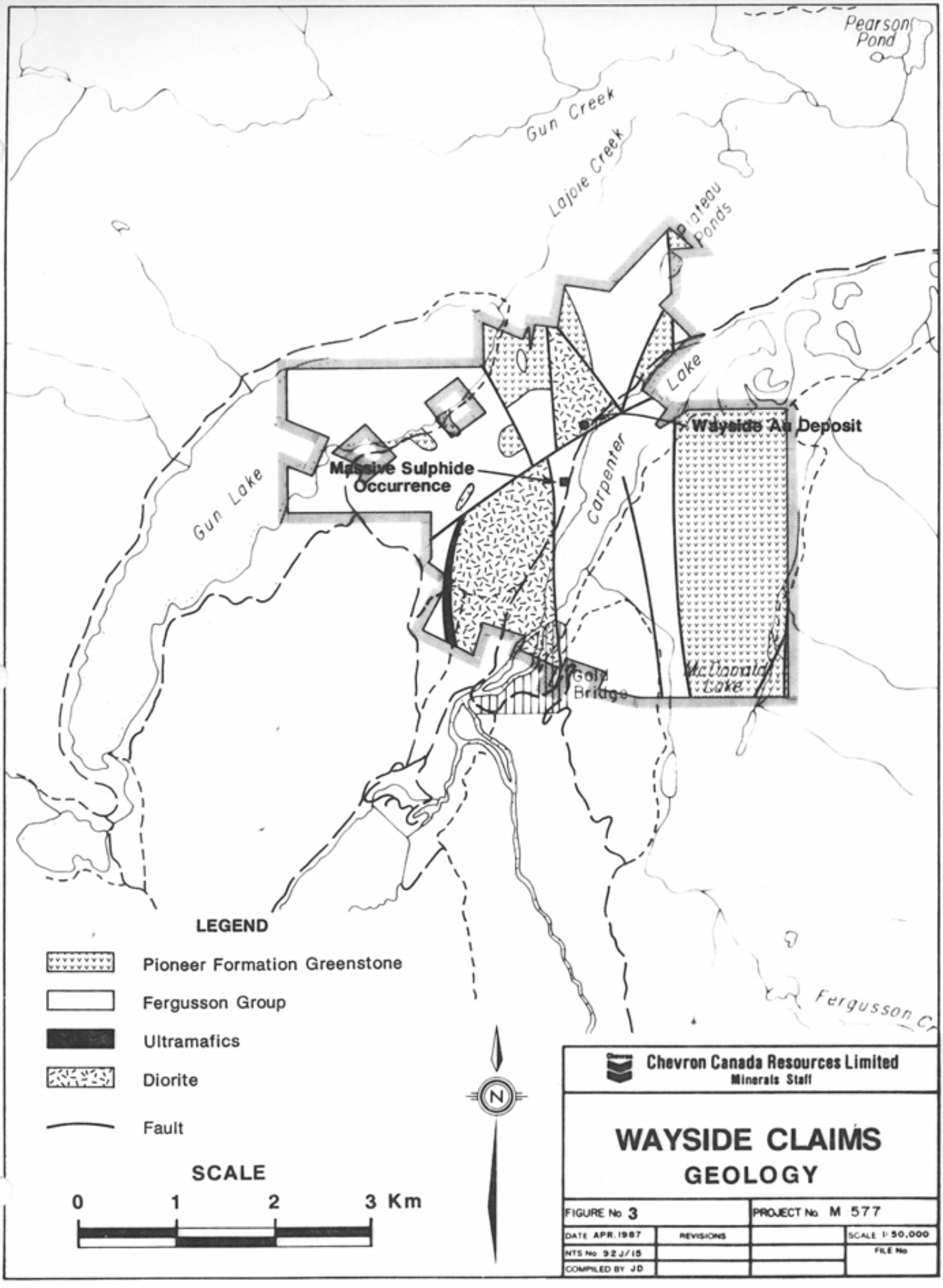

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WAYSIDE CLAIMS
GEOLOGY

FIGURE No 3		PROJECT No M 577	
DATE APR. 1987	REVISIONS		SCALE 1:50,000
NTS No 92J/15			FILE No
COMPILED BY JD			

The main periods of early exploration were 1906-1937, 1946-1953 and from 1972 to present. The target was an outcropping quartz vein, roughly paralleling a major shear zone, within which ore grade values of gold were erratically present. Low grade gold values were obtained from the shear zone. Presumably narrow widths and marginal grades encountered underground explain the on and off history of exploration.

Early work resulted in the construction of the upper four working levels of the present nine total levels. A description by Kelly (1972) taken from the 1924 B.C. Minister of Mines Report on the Wayside is reproduced below and gives an idea of the type of mineralization discovered to that date:

"In the highest tunnel, the No. 1 tunnel, a sample across 20 ins in the face ran 1 oz. per ton gold (34.28 g/tonne over 50 cm). It was stated that the No. 2 tunnel might be on the top of an ore shoot and that the No. 3 tunnel was following a slip, possibly on the footwall of the true vein. In the lowest working, the No. 4 tunnel, a narrow quartz vein was reported which showed good gold values at the face. A sample across an unspecified width yielded 2.08 oz in gold (71.31 g/tonne) and 0.5 oz (17.14 g/tonne) in silver per ton. It was also suggested that the ground between the No. 2 and No. 4 tunnels be tested."

The majority of the levels were developed during this 1906-1937 period and production has been recorded as 43,094 tons (39,094 tonnes) from which 5,341 oz. (166,123 g) of gold and 842 oz. (26,189 g) of silver was produced. Apparently no work was carried out between 1938 and 1946.

In 1947 the mine was re-opened, dewatered and repaired. Additional development occurred both horizontally and vertically with hoisting equipment being installed. Underground development produced 1000 tons (907 tonnes) of ore of which 900 tons (816 tonnes) were treated experimentally to determine a suitable metallurgical process. The mine shut down in 1953 due to legal difficulties. Details from these

earlier periods of exploration are sparse. No underground geological map or assay plans have survived. It can only be assumed that results did not support a continued effort.

Extracts from Kelly's report follows, describing the more recent history up to 1972:

"On November 2, 1971, J.P. Elwell, P. Eng. made a progress report on the Wayside Mine property to Dawson Range Mines Ltd. The mine had been partially de-watered to a point just below the eighth level, 320 ft. vertically below the No. 5 adit. The principal objective was to sample the vein on the eighth level, as previous reports had indicated that it improved in width and grade to the south-east. It was believed to form part of an important ore shoot, which had been found on the ninth level at the time of the closure of the mine.

The No. 5 adit has also been re-opened and found to be in good condition as far back as the shaft. Elwell reported on a few of the other levels, some of which were in good condition and some of which showed caved areas. Dawson Range Mines was then well launched on its program of dewatering and rehabilitating the old workings of the Wayside Mine.

The Crown Granted claims covering the Wayside Property, which had reverted, were aequired by Dawson Range Mines Ltd. N.P.L. (the predecessor company to Carpenter Lake Resources Ltd.) in 1971. The No. 5 adit was repaired to the shaft and the mine was de-watered to the 8th level. The 6th, 7th and 8th levels were found to be in fairly good condition, and some good gold values were obtained from pillars and stope remnants. Mining had been more extensive than indicated on the old plans and there was virtually no mineable ore remaining above the 8th level to the extent of the development.

The cost of maintaining the levels de-watered became excessive with the equipment in use and the mine was allowed to flood to the 5th level as it was decided for the time being to concentrate work on the workings above the adit level in the main mine, and to explore some of the other vein showings to the south of the main shear."

During 1972, 1973 and 1974 some bulldozer stripping, drilling, soil sampling and magnetic surveying was carried out, and in September and November of 1974, Chas. A. R. Lammle, P. Eng. conducted a program of geological mapping and check sampling and prepared a geological report with maps dated 27th November, 1974. This report designated eight targets for exploration both on the surface and from the underground workings. The surface targets included the 3T vein, Commodore vein and the "New Discovery" Zone (a base metal massive sulphide target).

Diamond drilling was carried out on the Commodore vein in 1975, and during 1976, 1977 and 1978 a certain amount of stripping and trenching was completed for assessment purposes with the drilling program being resumed in 1979. During that year 8 holes were completed for a total of 819.5 meters.

The 1980 report by J. P. Elwell indicated that a total of 10 holes, total 2344.5 meters, had been drilled. Eight holes (1981.7 m) had been drilled in the "New Discovery" Zone (a massive sulphide-bearing zone) and two below 9 level of the Wayside underground workings.

The drilling below the No. 9 level (hole 80-S10) intersected a 3 meter section of vein in the hanging wall of the shear zone which averaged 1.76 oz/ton (60.34 g/tonne) Au and 0.68 oz/ton (23.31 g/tonne) Ag. Activity during 1980 onwards increased substantially:

August 31, 1981 - Geotronics produced a report on an IP survey which indicated two anomalous zones.

February 8, 1982 - J.P. Elwell Engineering Ltd. completed a report updating the exploration work completed from 1980 through to 1982 and also provided an update in February 1983.

October 18, 1983 - E. Ostensoe and R.H. Seraphim completed a report on geological mapping and soil sampling which indicated several weakly anomalous values of gold. Additional work was completed by E. Ostensoe and R. H. Seraphim in 1983 and reported January 23, 1984. Three short holes were drilled in the Commodore vein.

The best assay was given as 0.064 oz. gold per ton (2.19 g/tonne) over 1.22 meters from a sludge sample.

May, 1984 - Geotronics Surveys Ltd., completed a Seismic Refraction Survey.

May 28, 1984 - L. Sookochoff prepared a report recommending an exploration program for the Wayside property.

October 1, 1984 - A report on V.L.F.-E.M. and Soil Geochemistry Surveys was produced by Geotronics. The report indicated several conductors, some of which had a strike length of at least 1000 meters. On October 26th and November 27th, 1984 Geotronics produced further reports on the Soil Geochemistry Surveys. The report indicated soil anomalies correlating with the V.L.F.-E.M. conductive zones.

October 1984 - G.E. White produced a report outlining work completed on a "surface time domain electromagnetometer survey". This report indicated detection of a new strong high frequency conductor that was recommended to be tested by diamond drilling.

October 1, 1984 - A.H. Arik produced a report outlining the exploration work completed during 1984. The drilling completed under Mr. Arik's direction did not confirm previous results.

November 30, 1984 - E. Ostensoe produced a report on the drilling of the Commodore vein. The purpose of the work was also to confirm previous results.

August 19, 1985 - Geotronics produced a report to test 2 closely-parallel dowsing anomalies utilizing Induced Polarization-Resistivity Testing on the east side of Carpenter Lake. There were no conclusive results from this work.

During 1985 R.J. Morris completed geological, geochemical and drilling work on the property. Morris completed a comprehensive review and report on the property. A.H. Arik took over late 1985 to complete the drilling program. A summary report was produced by A.H. Arik dated 13th December 1985.

In May, 1986, W.P. Stokes of Beacon Hill Consultants Ltd. was commissioned to compile the available data on the Wayside in report form. Mr. Stokes hired Mr. R. S. Tolbert to assist in this work.

Their work consisted of:

(a) preparation of an orthophoto covering part of the property;

(b) geological mapping of the northeast part of the property (Lake claims) at 1:500 scale;

(c) compilation and review of previous data.

The Wayside property was optioned by Chevron Minerals Ltd. in January, 1987. The 1987 program was designed to determine whether other similar Bralorne-type veins occurred on the property in addition to the known Wayside vein. The 1987 program consisted of:

a) Compiling all previous information and combining these data on the same scale base maps;

b) Preparation of a complete property orthophoto at 1:5,000 scale;

c) Preparation of a geologic outcrop map for the entire property at 1:5000 and 1:2000 scales;

d) Soil geochemical surveys over the Wayside and adjacent areas on the northwest side of Carpenter Lake at 25 m intervals on a controlled grid (approximately 1,400 samples). In addition, approximately 400 soil samples were collected along contour-guided traverses on the southeast side of Carpenter Lake;

e) Geophysical surveys - both VLF-EM 16 (using Annapolis and Seattle stations) and total field magnetometer surveys were carried out on the northwest side of Carpenter Lake utilizing the same grid as the geochemical survey;

f) Backhoe trenching and road-building, and follow-up detailed geologic mapping and sampling of trenches;

g) Diamond drilling (approximately 1,000 m in seven holes) including relogging of all accessible old drill core on the property (3,200 meters).

7.0 REGIONAL GEOLOGY

The Wayside property is situated in the Gold Bridge - Bralorne Mining District and is part of the Coast Geanticline tectonic element of the Canadian Cordillera.

The Gold Bridge-Bralorne area is predominantly underlain by the eugeosynclinal volcano-sedimentary Fergusson Group of Permian to Triassic(?) age and the Triassic-age Cadwallader Group (Figure 4). In fault contact with these bedded rocks are the Bralorne Intrusives, considered to be of Permian age (G. Woodsworth, pers. comm.).

Bedded rocks are intruded by the Coast Intrusives, predominantly of Cretaceous age, and by a suite of younger (Eocene-age?) dykes and minor intrusions.

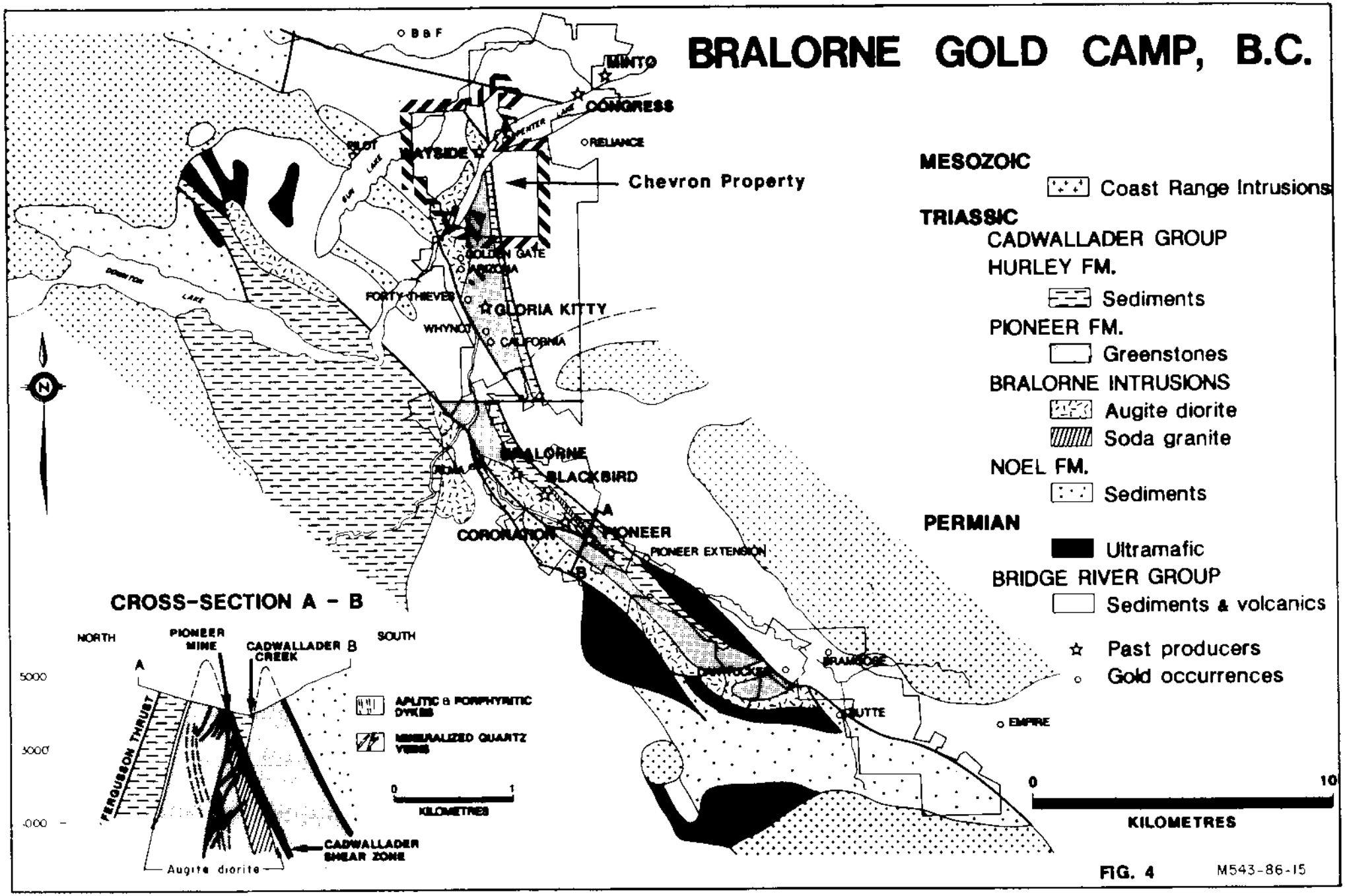


FIG. 4 M543-86-15

Table 2 (after Tolbert and Stokes, 1986) shows the lithologies present on the Wayside property and serves as a legend for the accompanying geologic maps (Figure 5).

Major faults are important in controlling outcrop distribution of units and have served as the locus for emplacement of small ultramafic intrusions.

TABLE 2

TABLE OF FORMATIONS

Unit	Age	Formation	Description
e, f	Cretaceous -Tertiary	younger intrusions	hornblende-feldspar porphyry (f) and feldspar porphyry (e) dykes
A	?	President Intrusives	Serpentinite, serpentinized peridotite, carbonatized serpentinite
4-6	Triassic	Hurley Formation	Argillaceous, tuffaceous strata (6) minor sandstone, conglomerate (5) and limestone (4)
1	Triassic	Pioneer Formation	Greenstone (porphyritic lavas, pyroclastics) of basaltic composition, minor breccia
2	Paleozoic(?) Triassic(?)	Fergusson Group (Bridge River Group)	Massive to thinly bedded chert, flaggy argillite, limestone and minor greywacke
B, C	Permian	Bralorne Intrusives	Augite-diorite, gabbro (B), soda-granite (C) (albitite dykes, sills - Unit d)

GEOLOGY-WAYSIDE PROPERTY

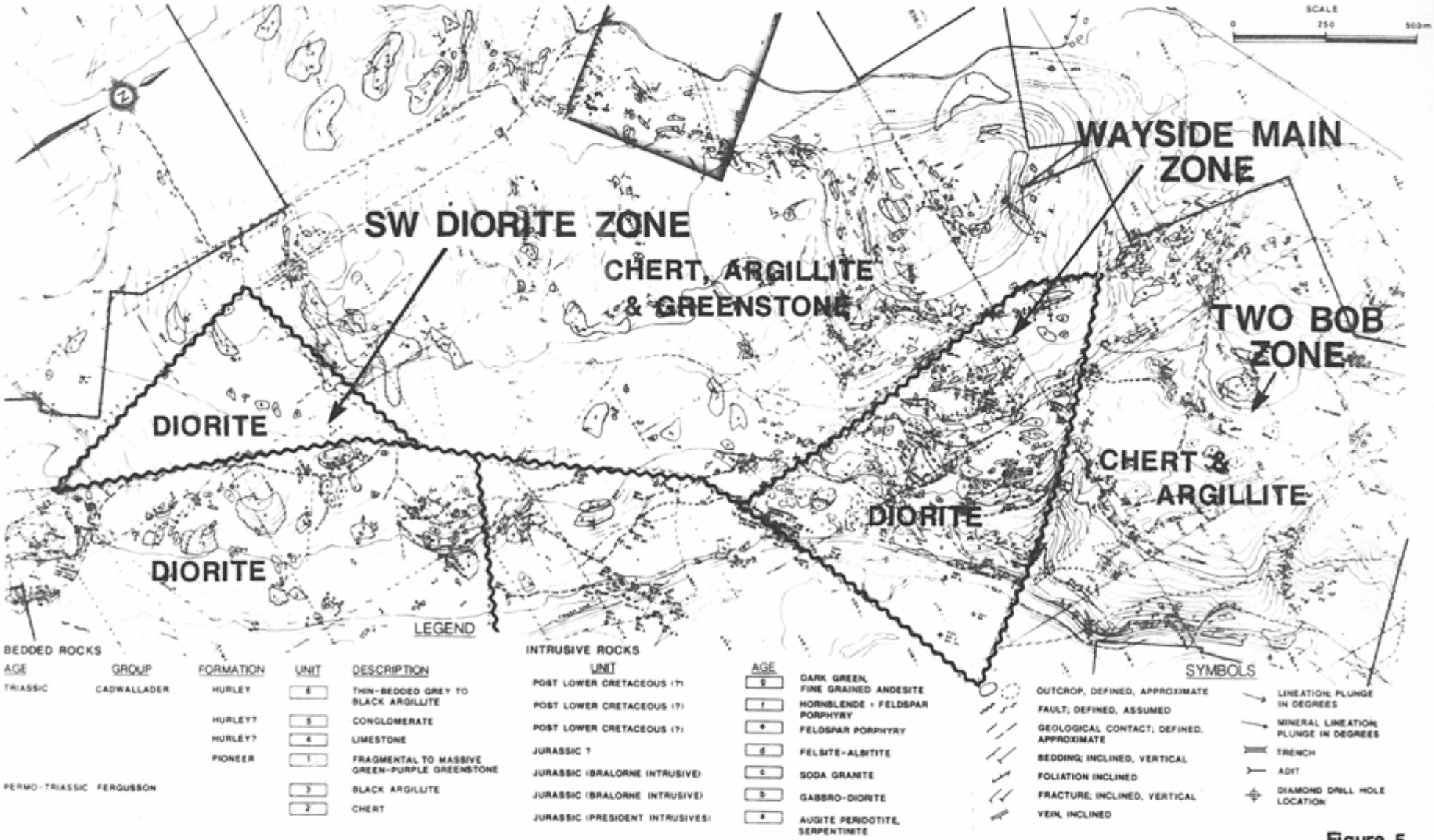


Figure 5

Fergusson Group

The Upper Paleozoic? to Triassic-age Fergusson Group (also known as the Bridge River Group) consists of argillaceous to tuffaceous lithologies, cherts, argillites, minor limestones and volcanic rocks. These rocks are widespread throughout the district. They are variably deformed and are host to a number of mineral deposits in the district including the Minto, Congress and Reliance (Figure 4).

Cadwallader Group

The Triassic-age Cadwallader Group is composed of the Hurley, Noel and Pioneer Formations.

(a) Pioneer Formation consists of basaltic pillow lava, breccias and tuffs, and is an important host of auriferous veins at the Pioneer deposit in the southern part of the district.

(b) Noel Formation is predominantly black argillite and siltstone.

(c) Hurley Formation is composed of soft brown and green argillite, siliceous and calcareous argillite and sandstone with minor conglomerate and limestone.

(d) The Cadwallader Group is thought to have formed during a period of island arc volcanism that resulted in the basinal deposition of arc volcanics and ferruginous and volcaniclastic sediments.

Bralorne Intrusions

The Bralorne Intrusions consist primarily of medium to coarse grained heterogenous diorite and gabbro with more felsic veinlets. The main body of diorite trends

northwest from Bralorne to Wayside and is the most important host of auriferous veins in the camp. The diorite is everywhere in fault contact with adjacent Fergusson Group or Cadwallader Group bedded rocks. Intrusive contacts are never observed.

Ultramafic Rocks

Small bodies of ultramafic rocks are common in the district. Their distribution relative to the major faults in the district indicate that they have been localized by these structures. In fact, the trace of many of the major faults, including the important Cadwallader Fault, can be determined by the distribution of the ultramafics. These rocks are largely serpentinized and have been sheared, due to recurrent movement along the hosting structures.

Coast Intrusions

Intrusive rocks of the Coast Plutonic Complex intrude all of the above units and marks the western limit of the bedded rocks. They cut the ultramafic rocks and are therefore younger.

Younger Intrusions

Dykes of feldspar-porphyry, quartz-feldspar-porphyry, "albitite", and hornblende porphyry composition intrude all of the above rock types and mark the youngest intrusive event. There is a spatial, and therefore potentially a genetic, relationship with gold mineralization in the camp.

Pleistocene Deposits

Extensive glacial till and outwash deposits are present in the area, and are thickest in valley bottoms. Beneath Carpenter Lake, a seismic profile done at low water indicates the glacial deposits exceed 100 m in thickness.

A second type of Pleistocene deposit is the Bridge River volcanic ash (2200 a in age) which, for the most part, was deposited on top of the glacial deposits and varies from a few centimeters to over a meter in thickness. Both types of deposits obscure not only the bedrock geology over large parts of the district, but also act as a barrier to geochemical dispersion, rendering soil geochemistry to only limited exploration applicability.

8.0 SOUTH SIDE GEOLOGY

8.1 INTRODUCTION

Geological mapping of the southeastern part of the Wayside Property was carried out from September 19 to 26, 1988 by Jennifer S. Getsinger, Ph.D. and Dave McHardy, H.B.Sc. under the supervision of Sandy McAllister of Chevron Minerals Ltd., the operator of the property.

An area of approximately 6 km^2 was covered mainly on the Wayside Extension claim, from Carpenter Lake (Bridge River Valley) on the west and north, to McDonald Creek valley on the east (N.T.S. 92J/15; 50°52'N Lat., 122°49'W Long.).

A total of 24 rock samples was collected; mainly grab samples from outcrop, samples JG8W-001 to 011 and DM8W-001 to 006 plus 006A to 012. They were collected as representative geological samples as well as prospecting samples.

Twenty-four samples were selected for lithogeochemical analysis, all to be analyzed for Au and for 32-element ICP, by Chemex Laboratories Ltd., North Vancouver, B. C. Descriptions and highlights of geochemical results are in Appendix IX; complete analytical results are presented in Appendix III.

8.2 ROCK TYPES

The southeastern part of the Wayside property is mainly underlain by two geological units, greenstone (Unit 1) and chert (Unit 2). Lesser exposures of clastic sedimentary rocks including argillite, sandstone and conglomerate (Units 3 to 6?), and feldspar porphyry also occur in the map area (Figure 6). Glacial drift and Bridge River ash cover most of the bedrock except in cliffy areas. Total exposure is about 5-10%(?).

The greenstone and chert may be Paleozoic(?), the other sedimentary rocks and porphyry Mesozoic(?). The glacial drift is Pleistocene, and the ash is Recent (Bridge River ash is approximately 2200 a). Each unit is described below, followed by a discussion of the structure and alteration and a summary of the geological history of the area as reconstructed from observations made during field mapping. Lithogeochemical results are to be discussed after the analyses are completed.

Greenstone (Unit 1)

The eastern half of the map area (3 km^2) is underlain by a thick unit of greenstone (Unit 1) exposed in 200 m cliffs flanking the sides of a northerly-trending ridge, as well as good exposures on top of the ridge, which reaches an elevation of 1230 m. (The total relief in the map area is 570 m, from 660 m in the Bridge River valley to the top of the ridge). Greenstone also occurs in the southwestern part of the map area near Gold Bridge, in an area with few outcrops.

This unit has been correlated with the Paleozoic(?) Pioneer Formation, which hosts mesothermal gold quartz vein deposits in the Bralorne camp (old Pioneer Mine) 10 km due south of the property. Primary layering in the greenstone is unclear, so true thickness can only be estimated as greater than 200 m; it may be as thick as 1000 m.

Although mainly undifferentiated on the geological map (Figure 3) (Fig. 1 Loc. Map, Fig. 2 Claim Map, Fig. 3 Geol. Map 1:5000), the greenstone unit is heterogeneous, varying from massive to foliated, fragmental to pillowed(?) or amygdaloidal and green to purple.

Unit 1 is dominantly massive, basaltic(?) greenstone with common calcite veins. Locally foliated areas occur, particularly near the contact with the chert unit. Also near the contact (within about 100 m), the greenstone commonly contains cherty layers and/or quartz veins, with limestone(?) lenses and/or irregular calcite veins. These are interlayered with the greenstone on a scale of 5 to 10 cm in outcrops of a few metres across. The cherty interlayers are grey to pink and also abundantly veined with quartz across the layering. Examples are at stations JG5 and JG18.

More commonly, the greenstone is massive to amygdaloidal, with calcite filling (or weathered from) former 1 to 33 mm vesicles. There may be some zoning in the amygdules with quartz or other alteration minerals surrounding a calcitic core. Vague pillow lava shapes could be interpreted on some outcrops, given a good imagination on the part of the geologist. Dave McHardy thought he saw some at traverse DM-3.

Purple to maroon to reddish areas in the greenstone are minor compared with the green parts. They appear to be associated with structures crosscutting the greenstone rather than primary layering, although areas with bright red alteration are reminiscent of flow contact oxidation features in relatively fresh lava flows. Purplish areas are restricted in some places to definite shear zones, in zones less than 10 cm wide to features on the scale of a metre or more. They may be caused by oxidation of iron due to fluid movement along shear zones, foliations, fractures and joint planes. Examples of structurally-related hematitically-altered zones may be observed in road cuts along the northern edge of the map area near Carpenter Lake.

Fragmental greenstone was observed along the crest of the ridge near station JG5, and may be more abundant than noted in mapping. It is well displayed in drill core from both the Wayside property (north side), as in DDH84-3, where green to purple lapilli tuff is mineralized with up to 40% pyrite and the Reliance property (adjacent to the Wayside property on the east, east of McDonald Creek, up Steep Creek).

The greenstone unit is commonly altered with calcite veins, generally less than 1 cm but locally lensoidal up to 10 cm or more. In places it weathers rusty orange, giving the appearance of iron carbonate alteration, such as at station JG12 (sample JG8W-005). Rare quartz veins up to 50 cm thick were observed, as at station JG8 on top of the ridge, where a chip sample across a 50 cm quartz vein trending 004/90 was collected (sample JG8W-003).

Sparse, tiny pyrite grains (1%) occur within the massive greenstone, as observed at station JG-11. No other mineralization has been noted in the greenstone unit in this part of the property.

Gold values hosted in greenstone on other properties (Reliance shear zone(?); Pioneer Mine area) are associated with sheared serpentinite within the greenstone unit. So far no serpentinite has been observed in the Wayside east map area.

Chert (Unit 2)

Much of the grid area is underlain by a chert unit attributed to the Paleozoic Fergusson (Bridge River) Group. It may be up to 500 m thick. It is characterized by thin-bedded grey and pinkish chert, with beds 2 to 8 cm, and local argillaceous partings.The argillaceous beds are locally pyllitic, and pale greenish, with crenulation lineations. In places they are greyer.

Abundant small quartz veins crosscut the chert throughout generally less than 1 cm.

Like the greenstone, the chert tends to be a cliff-former.

The bedding strikes generally north-south, and dips east into the ridge on lower slopes subvertically near the contact with the greenstone, and variably, including west, in the lower cliffs.

The chert is commonly folded, with an earlier phase of tight, asymmetrical folds verging east (in some places), with a fold axis trending approximately north-south. Axial planar foliation is reflected in the phyllitic interlayers and tends to be oriented north-south with a steep westerly dip. These trends are somewhat distorted by a later phase of discontinuous kink-folding, with axial planes trending 120/70SW and fold axes at 305/44 (as at station JG19).

Near fault contacts with greenstone, the chert weathers rusty in areas veined with quartz and calcite (as at station JG14), but no mineralization was noted.

An area of the chert unit has been mapped on the east side of the ridge as a fault slice. Closer investigation suggests some stratigraphic interlayering with the greenstone unit. Unit 2 in that area consists of less than a third actual chert and more argillaceous phyllite. It is a highly deformed unit, but competent beds trend generally N to NE with steep westerly dip. Near the contacts with the greenstone, there is an apparent facies change to an interlayered chert, phyllite and greenschist unit possibly from a tuffaceous sedimentary protolith. Fault contacts cannot be completely ruled out as the structural contrast between this deformed, layered unit and the adjacent massive greenstone is significant.

Feldspar Porphyry

The most significant exposure of intrusive rocks in the map area is along the road, in the first outcrop about 2 km north of Goldbridge about 200 m north of L50+00-N of the grid. A body of feldspar-hornblende porphyry (mapped as unit "f" is exposed for about 100 m into the bush and about 20 m along the road. Euhedral feldspar phenocrysts (0.5 to 5 m) make up 25 to 30% of the rock, with less abundant (5%) hornblende phenocrysts (1-2 mm). The ground mass is aphanitic, a brownish-cream colour.

The next few outcrops have finer-grained felsite with a pale greenish-creamy aphanitic groundmass and tiny euhedral feldspar phenocrysts (1 mm; 10-15%), as well as minor very fine-grained pyrite. On a broken surface, this rock appears totally aphanitic with a greenish-white colour, but weather surfaces show up the

porphyritic nature of the rock. Although this unit was mapped in 1987 as units "d1" and "d2", it is uncertain whether more than one porphyritic unit can be mapped here.

No contacts between the different porphyries are exposed. The differences may be gradational textural variations of the same hypabyssal intrusive body. The composition in all variations is felsic, possibly dacitic (no quartz phenocrysts were observed).

There is certainly not enough evidence in this limited exposure to differentiate between a Jurassic or Cretaceous age, as in the legend of the 1987 geological map.

The contact with the adjacent rocks may be a fault, but it appears that the felsite porphyry may be intrusive into a dark grey, nubbly-weathering chert(?) near a fault that separates it from a slice of greenstone (station JG1).

A few 30-40 cm angular boulders of feldspar-hornblende porphyry were also observed in a scree slope near the base of the greenstone cliff on traverse DM3. An outcrop of feldspar porphyry was also observed on top of the northern end of the ridge on traverse DM6.

Argillite and Sandstone (Unit 3 or 6?)

A waterfall with a drop of about 30 m is located at L39+00N, 26+50E. Resistant layered rocks above the falls on the northeast side were mapped as part of the chert unit on traverse DM3. Mapping from the west and south side on traverse JG4 revealed additional rock types in the steep outcrops near the waterfall.

Outcropping on both sides of the north-trending ravine, below the right-angle bend in the creek at the base of the falls, is a rusty-weathering, black argillite. Bedding trends north-south with a moderate westerly dip. Incipient slaty cleavage has a similar trend with a nearly vertical dip. The lower part of the waterfall is through this unit, and the right-angle turn in the creek is caused by the fissility of the bedding/cleavage in this shaly argillite.

Near the top of the falls is a more blocky-fractured, resistant unit. An outcrop near the top on the south side was sampled and found to be a bluish-grey calcareous sandstone.

The argillite and sandstone may be in fault contact with the chert, or may be in stratigraphic contact, tilted up along with the chert unit. Bedding and cleavage are approximately parallel in the two units.

It is not clear from the previous report how to distinguish Unit 3 Paleozoic(?) Fergusson Group argillite and greywacke from Unit 6 Triassic and/or Jurassic Hurley Formation argillite and lithic sandstone. An interpretation as Unit 3 is the most reasonable given the association with Unit 2 chert.

Conglomerate and Limestone (Units 4? and 5)

An outcrop of conglomerate (Unit 5) was identified in a road cut about 500 m east of the gravel pit (station D7). The outcrop is only about 2 m across, mainly covered with glacial drift and ash. It is a polymictic conglomerate with rounded pebbles to cobbles of grey chert, argillite, purple and green greenstone, hematitic chert, possible quartzite, grey limestone and minor quartz diorite. The matrix is grey and cherty with some sandy material. Sample DM8W-006 is from this locality, including

a variety of clasts and matrix. Weak layering or foliation is oriented at 155/90. Composition of the clasts indicates a younger age for this unit than for the greenstone or chert.

About 1 km south from this outcrop is a well-exposed knob of limy conglomerate, with about 100 m of exposure. Parts of the unit could be interpreted as a limestone, although overall the unit is a conglomerate with a limestone matrix. Sample JG8W-010 was collected from this locality. Fine-grained, light grey sandy limestone makes up the matrix. Clasts are rounded pebbles of dark grey micritic limestone, whitish chert, and possible felsic volcanics. Silvery phyllitic argillaceous partings also occur within the matrix.

This unit is also correlated with Unit 5 (Triassic and/or Jurassic Hurley Formation) and may be interpreted to include unit 4 limestone (Fergusson Group?). There seems to be some confusion in the dating and relationships of similar units outlined in regional geological work (for instance, Dick et al 1987, Fig. 5 legend does not agree with description of property geology in the report).

The sedimentary rocks exposed in the lower slopes of the eastern part of the Wayside property appear to belong to a single stratigraphic succession. At the base of the section is chert with argillaceous partings, generally metamorphosed to very low greenschist facies. Overlying it either conformably, unconformably, or in fault contact, is a package of argillite, sandstone, limestone and conglomerate. The order of these units suggests a transition from deeper to shallower water deposition, with uplift and erosion of lower parts to the sequence providing source rocks for the conglomerate at the top. This section may represent the margin of a fault-bounded basin.

No fossils were observed in any of these units so the spread in ages between the units is unknown.

8.3 STRUCTURE AND METAMORPHISM

Structure

The chert unit has been folded, as described above, first tightly in a N-S direction, then kinked with a NW-trending axis. Similar folding has not been observed in the more massive and competent greenstone unit. However, foliated panels (generally 0.3 to 1 m) occur throughout the greenstone, although most commonly near the contact with the chert. The main contact between the greenstone and the chert is interpreted as a primary stratigraphic contact because of interlayers of chert within the greenstone common near the contact. However, this contact has most likely been faulted. Evidence includes numerous fault surfaces within the chert and the greenstone as well as more intense foliation in the greenstone near the contact. These features trend approximately north-south with a steep westerly dip (80-85^{o}).

Faulting at the contact may be partly a result of a ductility contrast between the chert and greenstone during the major deformation that caused folding in the chert. Renewed movement along this surface and parallel surfaces may also have occurred later.

In come places (for example, stations 1 and 14) fault slices of greenstone occur within the chert unit, and exposures of chert on the eastern slope of the ridge may be in a fault slice of chert within the greenstone. Greenstone and chert on either side of a fault contact were sampled at station JG14 (samples JG8W-006 and 007).

Other minor fault surfaces were measured with northeast strike and northerly dip. Abundant sets of joint surfaces were noted, but no significant patterns have emerged.

Deformation and metamorphism in the black argillite, sandstone, and limy conglomerate units appear to be weaker than in the underlying chert and greenstone. These units show incipient cleavage parallel to fold trends in the chert (N-S trending, subvertically-dipping) but are not as recrystallized or veined.

The lower rocks may have undergone more than one deformational episode. Renewed stress in similar directions is highly likely in this area with major regional fault zones nearby.

Metamorphism

Metamorphic grade is consistent over the chert and greenstone in the map area at subgreenschist to lower greenschist facies. Argillaceous layers in the chert unit are phyllitic, showing metamorphic recrystallization. The dominant metamorphic mineral in the greenstone is chlorite. No development of epidote or amphibole was noted. Primary textures are well-preserved, and foliation is discontinuous attesting to the low metamorphic grade.

The conglomerate is not noticeably metamorphosed although it has been somewhat deformed. The feldspar porphyry is not visibly deformed, but the feldspar appears cloudy and greenish indicating possible saussuritization.

Summary

In summary, the main structure in the map area is the faulted stratigraphic contact between the greenstone and the chert (Table 3). The common folds and faults observed appear to be related to regional deformational structures rather than reflecting a major unique local structure. Metamorphic grade is uniformly subgreenschist to lower greenschist facies from regional rather than contact metamorphism.

8.4 ALTERATION AND MINERALIZATION

Most of the alteration in the rocks southeast of Carpenter Lake (Bridge River) is due to low grade metamorphism (chlorite, calcite, hematitic zones in greenstone, etc.). Quartz veins (0.1 to 1 cm) are abundant in the chert, whereas calcite veins (1 to 5 cm) are common in the greenstone. Rare, larger quartz veins, up to 50 cm, were mapped and sampled (sample JG8W-003) in the greenstone. Near the contact between the two major rock units, calcite veining is more common, and the greenstone is apparently carbonatized in some places. Samples of pervasive carbonate alteration in the greenstone were taken at stations JG4 and JG12. These "carbonate-altered" zones react vigorously in HCl, and may be the result of calcite veining rather than the kind of iron-carbonate alteration associated with gold deposits. Several samples of altered rocks were collected for analysis.

Very minor pyrite was observed in some greenstone samples and in one felsite outcrop. No other mineralization was noted in the map area.

Table 3

SUMMARY OF GEOLOGICAL HISTORY - SOUTH SIDE

Age	Geological Event
Recent (2200 a)	Volcanic ash erupted (Bridge River Ash)
	Soil development
Pleistocene (10 ka)	Glacial till and outwash deposited
	Glaciation
	Proglacial outwash
Tertiary	Uplift, erosion
	Alteration; calcite veining
	Faulting
Mesozoic	Uplift, erosion
	Carbonate alteration(?)
	Faulting; kink-folding in chert
	Intrusion of feldspar porphyry
	Quartz veining in chert; calcite veining
	Folding; low grade metamorphism
	Deposition of shallower-water sediments:
	Limestone/conglomerate
	Sandstone/argillite
	Intrusion of quartz diorite(?) (source of clasts in conglomerate)
Paleozoic	Deposition of deeper-water sediments: Chert/argillite
	Eruption of submarine basaltic volcanics

8.5 LITHOGEOCHEMICAL SAMPLING

A total of 19 rocks was selected for analysis, Au by AAS? and 32-element ICP by Chemex Laboratories, North Vancouver. Metallic assay prep was used for all samples.

Of 24 rock samples collected in September, 1988 on the southeastern part of the Wayside property, all resulted in gold values less than 5 ppb Au (fire assay with AAS finish, by Chemex Laboratories, North Vancouver, B. C.).

The highest silver value was 1.0 ppm Ag, from a limestone conglomerate near the southern property boundary (sample JG8W-010). This sample also yielded elevated bismuth (10 ppm).

Arsenic values were generally low, with the highest at 15 ppm As from an altered greenstone near the contact with the chert unit (sample DM8W-006A), which also yielded the highest La, 20 ppm). Seven other rocks yielded values of 10 ppm As, mostly from within the greenstone unit near the major contact with chert.

In the same area, several elevated tungsten values (up to 15 ppm W) occur in altered greenstone. Another occurrence of 15 ppm W is in the limy conglomerate (sample DM8W-006). All W occurrences are in the southern part of the map area. In Bralorne, scheelite is associated with gold mineralization, 10 km S of the map area.

Most of the geochemical highs seen in the ICP results are related to host rock type rather than being true anomalies. Highest copper, nickel, and chromium (95 ppm Cu, 178 ppm Ni, and 386 ppm Cr) are from a carbonate-altered greenstone that is also high in Mg (4.48% from ICP, sample JG8W-001; this would be low

compared with a whole rock analysis due to incomplete digestion). This rock as well as sample DM8W-012 (also as altered greenstone) also yield higher aluminum, iron, titanium, and vanadium than most of the samples, supporting a mafic composition. These two greenstone samples occur near the contact with chert, and yield elevated tungsten results (15 ppm W for JG8W-001; 10 ppm W for DM8W-012). Although no serpentinite was positively identified in the map area, it is possible that some of the chlorite schists within the basaltic greenstone unit represents a more mafic to ultramafic protolith.

Highest barium is from a pod of chert from with greenstone, at 4100 ppm Ba from sample JG8W-002, which also contained 12.80% Ca (in calcite), and 1180 ppm Sr.

One sample of red cherty material from greenstone exposed along the cliff ran not only greater than 15% Ca, but also greater than 10,000 ppm Mn (sample JG8W-004). This sample also yielded 0.8 ppm Ag. The occurrence was in a 10 cm wide reddish-purple zone in green basaltic greenstone. Manganese is commonly associated with submarine basalt; greater than 1% Mn does not necessarily indicate an ore deposit.

In summary, lithogeochemical results from the southeastern part of the Wayside property are not encouraging in terms of finding a gold deposit. Hints of alteration types, such as calcite alteration, as well as arsenic and tungsten, show up in the ICP values, but no gold anomalies were found. The most geochemically interesting part of the sampled area is the southern part around the chert/greenstone contact, although lack of sampling results in the northern part of the map area may have skewed results somewhat.

Soil samples were collected in 1987 on some parts of the present map area. They are plotted on Figure 18 of the 1987 Chevron Report (Dick et al 1987). Some sample sites were found in the field to be as much as 100 m from the plotted location. They were mostly contour samples in the northern and eastern parts of the map area. Some soil pits were at least 1 m deep in order to penetrate below the cover of Bridge River ash.

Several samples (about 40) yielded slightly elevated gold values (10 ppb Au), with 5 samples 25 ppb Au. The highest gold value, 160 ppb Au, was from a sample (DW-573) taken near the road just past the road cut with exposed feldspar porphyry and faulted greenstone and chert.

Arsenic values 10 ppb As and silver values 0.2 ppm Ag were also plotted on the 1987 soil sample map. Six arsenic values were 20 ppm; the highest was 70 ppm As, from near the outcrop of feldspar porphyry on the road (DW-575).

Four silver values 0.4 ppm, with the highest at 1.0 ppm Ag on the eastern slope of the ridge, were plotted. All of these elevated silver values are from samples taken over or near chert unit bedrock.

One sample yielded coincident elevated gold, silver and arsenic values, DW-576 with 10 ppb Au, 0.4 ppm Ag, and 25 ppm As, from 40 m south of the feldspar porphyry outcrop.

Although these values are not particularly high, they indicate a slight geochemical anomaly associated with the feldspar porphyry and/or the contact of the chert unit.

Considering the number of soil samples collected in 1987 that yielded gold values, more systematic soil sampling may be recommended.

8.6 QUATERNARY COVER

Much of the map area is covered with unconsolidated glacial drift and volcanic ash. Glacial drift, most common the lower west side, reaches greater than 30 m in thickness in some areas. Gravel pits near the road indicate minor glacial lake sediments, glacial deltas and outwash gravels. The chert cliffs are commonly topped with unconsolidated, unsorted sandy material (till?) with rounded boulders (1 m) of quartz diorite and cobbles of pyritic metasedimentary and/or volcanic rocks. Consolidated clayey till was rare but was observed on traverse DM3 directly overlying bedrock.

Bridge River ash forms a blanket over the entire area ranging from 0.3 to greater than 1 m in thickness, overlying bedrock, glacial drift, and postglacial soil profiles, except where it has been eroded off the cliffs. It is composed mainly of cream-coloured pumice lapilli ranging from 0.5 to 4 cm in diameter. Feldspar and hornblende phenocrysts are visible. In appearance it is very similar to Mt. St. Helens (1980) ash, perhaps a little rustier and may also be rhyodacitic to dacitic in composition. The Bridge River ash is reported to be about 2200a in age.

9.0 UNDERGROUND GEOLOGY AND ROCK GEOCHEMISTRY

The 1988 Wayside underground geological mapping and sampling program was conducted as a first recent attempt to determine attitudes, dimensions and typical grades of known quartz veins and shear zones in the old Wayside Mine underground workings. The sampling and detailed descriptions were restricted to the veins and

shear zones. Due to a thick coating of grime on the walls, no attempt was made to systematically wash the walls or to map the wall rock in detail.

The Wayside underground workings are located in the centre of the property on the northwest side of Carpenter Lake (Figure 3 and 11) and most of the adits are accessed by roads. The accessible areas of the following six levels were mapped and sampled; Paxton, No. 0, No. 2M, No. 3, No. 4, No. 4W and No. 5. The No. 1 and the No. 150 adits have caved and are not visible from the surface while both the No. 7 and 9 levels are below the level of Carpenter Lake and are currently flooded. As no active mining has taken place for over thirty years, many areas of the underground workings are inaccessible and in need of major rehabilitation.

Prior to beginning the underground program, Harry Nielsen of Gold Bridge, B.C. was contracted to act as the shift boss. Minor retimbering was done at the portals of the No. 2M, No. 4 and No. 5 levels and scaling was done on all levels. At the end of the underground program, all adits were boarded off and danger signs were posted.

During the underground sampling program a total of 64 rock chip samples were collected from quartz veins and shear zones in the accessible workings. In general, the samples collected from hangingwall or footwall massive quartz veins returned more significant gold values than did those collected from the shear zone of the Main Wayside structure. A statistical summary of the rock chip samples follows in Table 4.

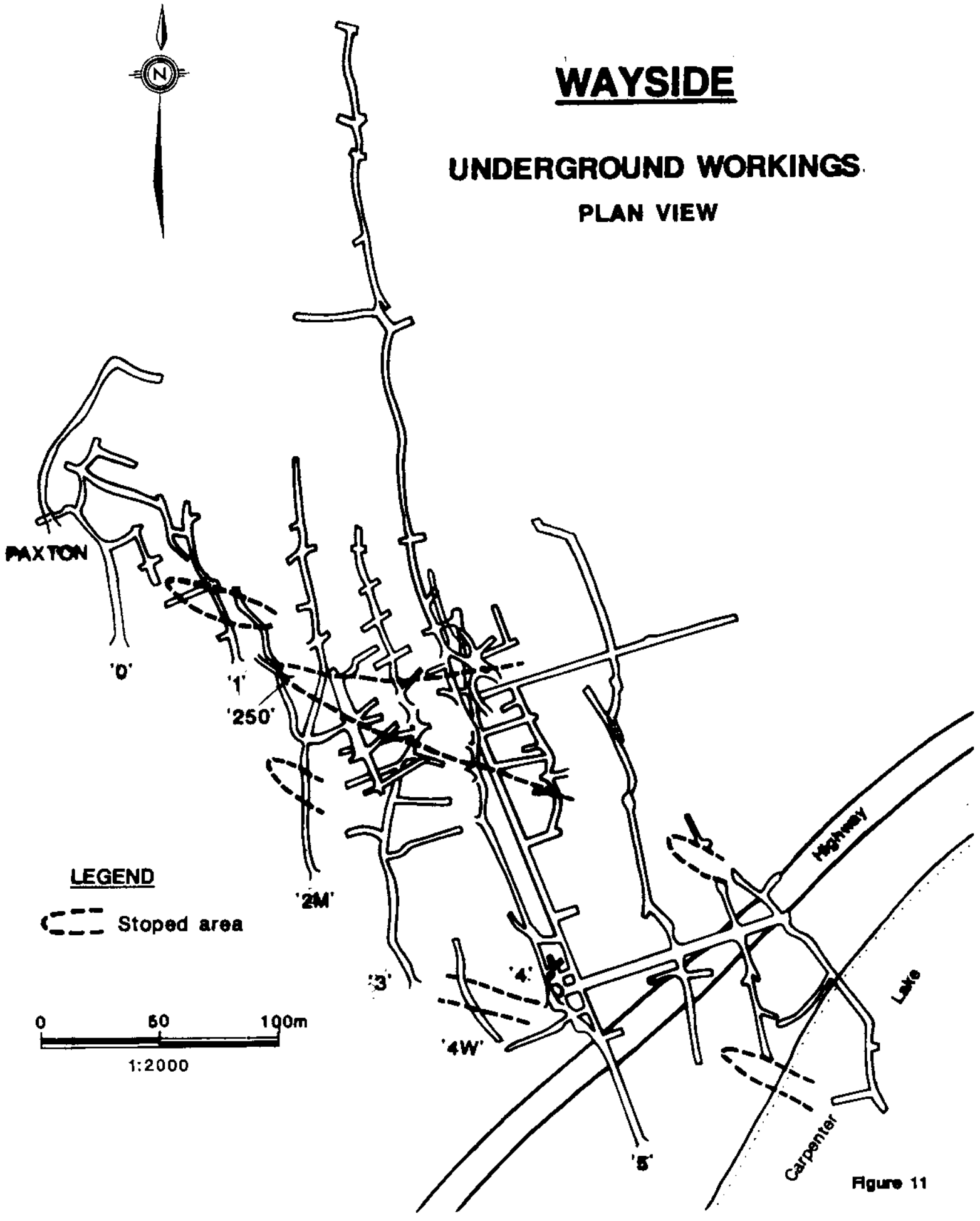

WAYSIDE
UNDERGROUND WORKINGS
PLAN VIEW
N
PAXTON
'0'
'1'
'250'
'2M'
'3'
'4'
'4W'
'5'
Highway
Lake
Carpenter
LEGEND
Stoped area
0
50
100m
1:2000

Figure 11

Table 4

UNDERGROUND ROCK SAMPLE STATISTICAL SUMMARY

Variable	Au ppb	Ag ppm	As ppm	Sb ppm
Number of samples	64	64	64	64
Minimum	5	0.1	4	0.1
Maximum	+10000*	4.4	3900	98
Mean	755.135	0.331	381.492	9.061
Standard deviation	1692.032	0.584	637.047	15.648
Correlation with Au	1	0.551	0.574	0.213

* assayed 21.10 g/tonne

The Wayside underground workings consists of nine adits on the main Wayside structure and the associated hangingwall and footwall veins (Figure 12). The Wayside main structure, known as the Main vein, is actually a well-developed shear zone cut by numerous narrow quartz and carbonate veinlets which is exposed on all levels (Figure 13). The Main vein strikes 335° - 350° and dips 45° - 60° northeast (Stevenson, 1952). The alteration assemblage of Fe-carbonate (ankerite), quartz, sericite and minor mariposite (Cr-rich mica) is found within the shear zone and often extends up to 60 cm beyond. Native gold has been reported from the Main vein, but none was found by the authors. Ore shoots seem to occur where the dips flatten out (45° - 55°) in the Main vein. The maximum gold value returned from a Main vein sample was 1440 ppb over 80 cm from sample SM8W-79 on the No. 5 level.

The Notman vein, referred to as the No. 1 Hangingwall vein in the old literature, is only seen on the No. 5 level and consists of a well-defined and continuous massive to ribboned quartz vein ranging in width from 1 to 57 cm. The Notman parallels the Main vein with strikes of 335° - 350°, but has a flatter dip of 40° - 50°. There is no conspicuous carbonate alteration associated with this vein. The maximum gold

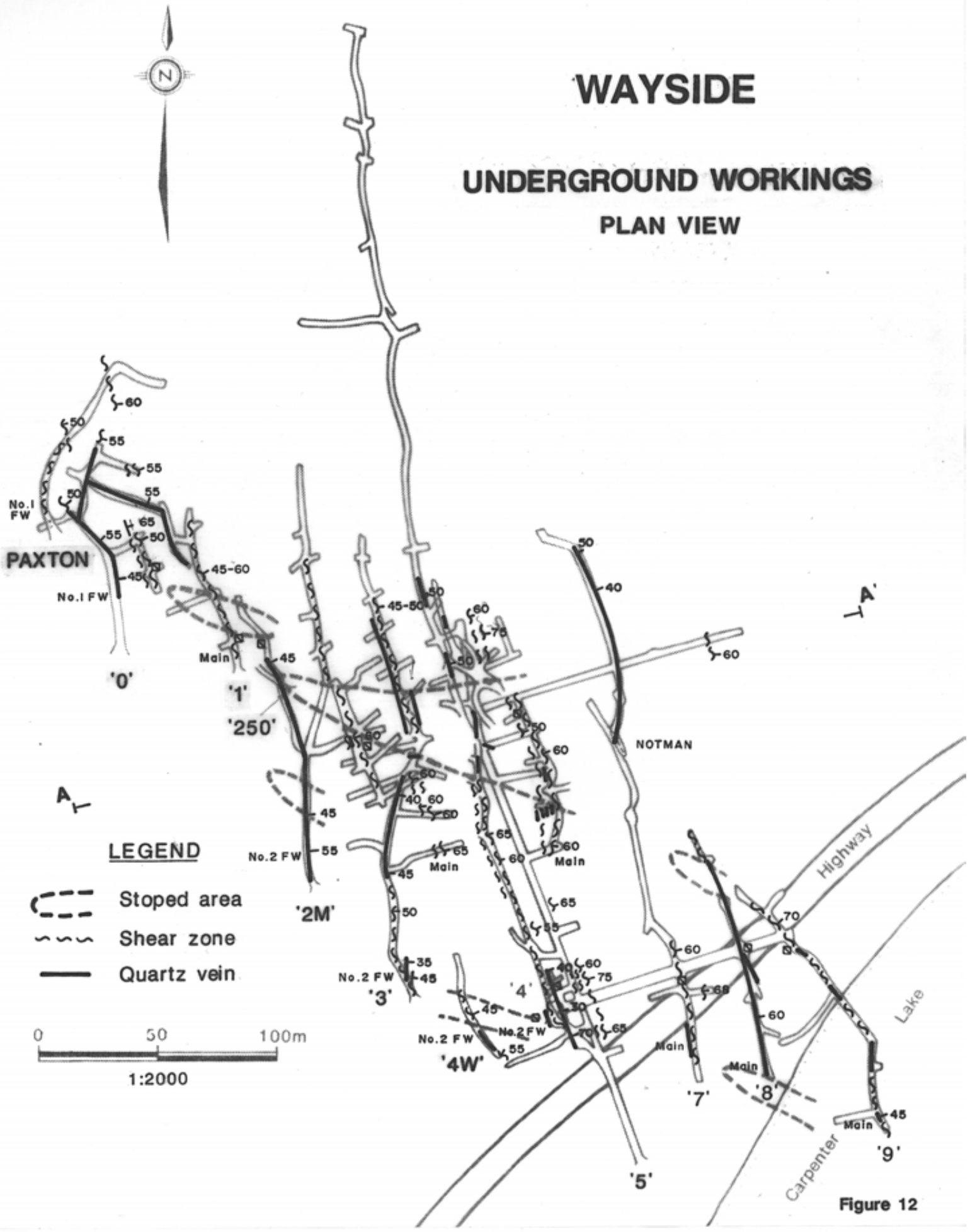

WAYSIDE
UNDERGROUND WORKINGS
PLAN VIEW
N
PAXTON
No.1 FW
No.1 FW
Main
'0'
'1'
'250'
'2M'
No.2 FW
Main
'3'
No.2 FW
'4'
'4W'
No.2 FW
Main
NOTMAN
Main
'5'
'7'
Main
'8'
Main
'9'
Highway
Lake
Carpenter
A
A'
LEGEND
Stoped area
Shear zone
Quartz vein
0
50
100m
1:2000

Figure 12

WAYSIDE UNDERGROUND WORKINGS

SCHEMATIC CROSS - SECTION

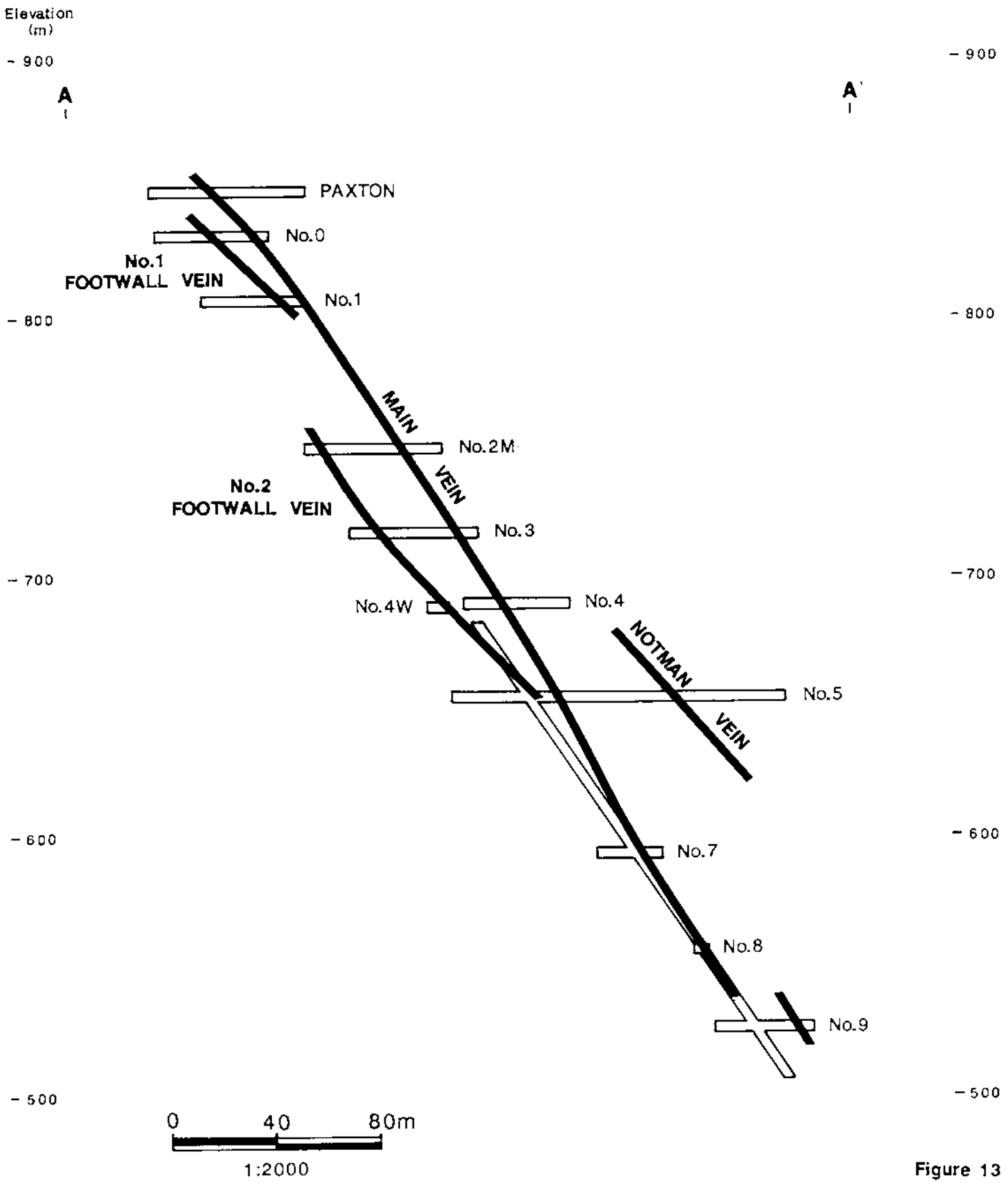


Figure 13

value of 21.10 g/tonne was obtained from a 10 cm wide sample (SM8W-72) of the Notman quartz vein.

The No. 1 Footwall vein which is exposed on the No. 0 and No. 1 levels, parallels the strike of the Main vein (335° - 350°), but has a flatter dip of 40° - 50°. There is little shearing associated with this persistent quartz vein and the carbonate alteration seen is similar to that of the Main vein. A maximum gold value of 6870 ppb over 20 cm was returned from sample SM8W-129 of the No. 1 Footwall vein on the No. 0 level.

The No. 2 Footwall vein is similar to the No. 1 Footwall vein in attitude and associated alteration, but is found on the No. 2M, No. 3, No. 4W and No. 5 levels. The best gold result from the No. 2 Footwall vein is 4350 ppb over 40 cm from sample SM8W-118 on the No. 3 level.

9.1 PAXTON LEVEL

The Main zone is exposed over 30 metres in the Paxton adit (Figure 14) and is 1.2 metres wide shear zone cut by 1 to 3 cm calcite veins and minor quartz veins. The best gold value obtained from this zone on the Paxton level is 1050 ppb over 1.2 metres from sample SM8W-121.

9.2 NO. 0 LEVEL

Access was gained to most of this level. The Main vein strikes over 40 metres and has been explored by two cross-cuts and one short drift (Figure 15). The Main vein ranges in width from 1.0 to 2.2 metres and is locally limonitic and cut by 2 to 5 cm wide quartz vein. The best gold value from this zone is 190 ppb over 1.5 metres from sample SM8W-132.

The No. 1 Footwall vein ranges from a 3 to 5 cm zone of subparallel quartz veins at the north end of the adit to a white ribboned quartz vein with a maximum width of 52 cm. The highest gold value of 8200 ppb over 40 cm was returned from sample SM8W-128.

9.3 NO. 2M LEVEL

The drift paralleling the No. 2 Footwall vein and the cross-cuts leading towards the Main vein are the only areas of this level that were mapped and sampled (Figure 16). In this exposure, the No. 2 Footwall vein strikes over 100 metres and ranges in width from 10 to 62 cm. Mariposite has been noted in the altered wall rocks of this vein. A maximum gold value of 2850 ppb over 0.4 metres was returned from sample SM8W-109.

9.4 NO. 3 LEVEL

Approximately half of the No. 3 level was accessible. The No. 2 Footwall vein strikes over 85 metres and pinches out to a 45 cm wide quartz veined shear at the south end and to 10 cm wide quartz vein at the north (Figure 17). Up to 35 cm of well-ribboned quartz are exposed at the widest zone. The highest gold value of 4350 ppb over 0.4 metres was returned from sample SM8W-118.

The Main vein is only exposed in two cross-cuts of the accessible workings on this level. Here the Main vein is highly sheared, clay-rich, cut by quartz and calcite veinlets, up to 5.1 metres wide and contains minor mariposite. The best gold value of 240 ppb was obtained from sample SM8W-114.

9.5 NO. 4 AND 4W LEVELS

The No. 2 Footwall vein exposed in the 15 metres of accessible workings on the No. 4W level is a 1 metre wide shear zone with 4 to 30 cm wide quartz veins cutting and forming selvages of the shear (Figure 18). A stope extends down from this level to the exposure of the No. 2 Footwall vein on the No. 5 level. A maximum value of 425 ppb Au over 0.4 metres was returned from sample SM8W-106.

The Main vein is exposed in the 45 metres accessible on the No. 4 level. This limonitic clay-rich shear zone cut by quartz calcite veinlets up to 1 cm wide ranges from 1.2 to 1.6 metres in true width. The best gold value obtained on this level from the Main vein is 600 ppb over 1.6 metres from sample SM8W-104.

9.6 NO. 5 LEVEL

The No. 2 Footwall, Main and the Notman vein are all exposed on the No. 5 level which consists of three drifts parallel these veins and numerous cross-cuts (Figure 19). Most of this level is accessible. The No. 2 Footwall vein is exposed over a strike length of 40 metres and ranges up to 2.5 metres in the south end and pinches out to 8 cm in the north. The well-developed quartz and calcite veined shear zone of the Main zone stretches over 150 metres with widths from 1 to 5 metres. The Notman veins pinches out to a 1 cm wide quartz vein at the north end and 9 cm wide quartz vein at the south. Over the 100 metre exposure of the Notman vein widths range up to 57 cm.

The most anomalous gold values were returned from the Notman and then the No. 2 Footwall vein, with maximum values of 21.10 g/tonne over 10 cm and 3700 ppb over 1.10 metres from samples SM8W-72 and SM8W-101, respectively. Main vein gold

values were somewhat less anomalous and ranged up to a high of 1440 ppb over 80 cm from sample SM8W-79.

10.0 GEOPHYSICS (VLF-EM 16 SURVEY)

During the 1988 field season, VLF-EM 16 surveys were carried out on following three areas of the property; SW Diorite zone, Two Bob zone and on the southeast side of Carpenter Lake which is known as the South Side zone. These surveys were completed using a Geonics EM-16 instrument. Both the in-phase and the quadrature readings were recorded from two transmitting stations (Seattle and either Annapolis or Cutler) at each grid location.

The VLF-EM in-phase data collected in the field was filtered using Fraser's technique (Appendix VIII). It is the Fraser filtered values that have been plotted and contoured on topographic base maps at either 1:2,000 or 1:5,000 scale. A total of approximately 34.9 line kilometres of VLF-EM 16 were completed during 1988.

10.1 SW DIORITE GRID

Three short contour VLF-EM 16 lines totalling approximately 2.4 kilometres were finished on the SW Diorite zone to complete the geophysical coverage of this area. Data were collected from the Seattle (Figures 20 and 20a) and Annapolis (Figures 21 and 21a) transmitting stations at 12.5 metre spacings along the contour lines.

The northwest trending conductor at 511,000 E and 5,634,700 N is extended further northwest on the fill-in VLF lines on the Seattle channel. Due to topography the lines become increasingly wider spaced to the west and it is difficult to correlate values from line to line at this end of the grid. At the east end of the fill-in lines a

similar northwest trending conductor shows up in the Annapolis data. Nothing definitive is seen from the Annapolis data at the west end of the lines.

10.2 TWO BOB GRID

Approximately 3.5 line kilometres of VLF-EM 16 were completed on the Two Bob grid. Data were collected at 12.5 metre spacings along 50 metre spaced east-west grid lines from both the Seattle (Figure 22) and Cutler (Figure 23) transmitting stations.

Three subparallel north-south trending conductors on the Seattle channel occur along the eastern third of the grid. Three similar subparallel conductors are also apparent in the Cutler data. These conductors parallel the shearing and dyke orientation seen in trench T-45, T-9, T-10, T-1 and T-46. Further geological mapping and soil geochemistry is warranted in this area.

10.3 SOUTH SIDE GRID

Approximately 29 line kilometres of VLF-EM 16 was completed on the South Side grid located on the southeast side of Carpenter Lake north of the settlement of Gold Bridge, B.C. Data were collected from the Seattle (Figure 24) and Annapolis (Figure 25) transmitting stations at 25 metres spacings along 50 metre spaced east-west trending grid lines. The 25+00 E baseline trends north-south and is accessible by a gravel road at the north end of the grid at 50+00 N.

The area underlain primarily by chert with minor conglomerate to the west of the scarp-like chert-greenstone contact was covered by the 1988 South Side VLF survey (Figure 6). Numerous north-south trending VLF conductors are seen on the Fraser filtered data from the Seattle station. The most prominent of these conductors

extends from 45+00 N to 42+50 N at 22+25 E and, like other conductors further to the south, occurs in an area of abundant overburden with no outcrop. Additional north-south trending conductors are seen in the area underlain by chert and these parallel the fault contact occurring between the chert and greenstone further to the east.

The pattern emerging from the Annapolis data is less clear. One strong well-defined conductor extends from 46+50 N, 25+00 E to 44+50 N, 26+25 E and parallels a drainage that lies to the northeast. Evidence of faulting has been seen in that creek. A second well-defined conductor coincides with one seen in the Seattle data and occurs at 22+25 E and extends from 45+00 N to 43+00 N.

11.0 PHYSICAL WORK

During the 1988 field season a D-6 Cat, a Cat 225 backhoe and operator were contracted from Manitou Contracting Limited out of Lillooet, B.C. This equipment was used for trenching (backhoe), drill pad construction, trench reclamation and road construction and upgrading. A low-bed truck was used to transport the D-6 and Cat 225 from Lillooet, B.C. to the property via the Carpenter Lake road.

A total of 610 metres of new roads were built to facilitate access to drill sites. The new roads average 4 metres in width. Six drill pads with a total area of 932 square metres were built prior to drilling. At the end of the field season all new roads, drill pads and trenches were seeded with an erosion control seed mixture recommended by the Ministry of Forests.

11.1 BACKHOE TRENCHING

During the 1988 field season the three areas of the Wayside property targeted for backhoe trenching were the SW Diorite zone, Wayside Main zone and the Two Bob zone (Figure 5). Ten trenches were completed for a total length of 355 metres (Table 5). Trench 88-T-48, located in the SW Diorite zone, was abandoned in overburden.

Table 5

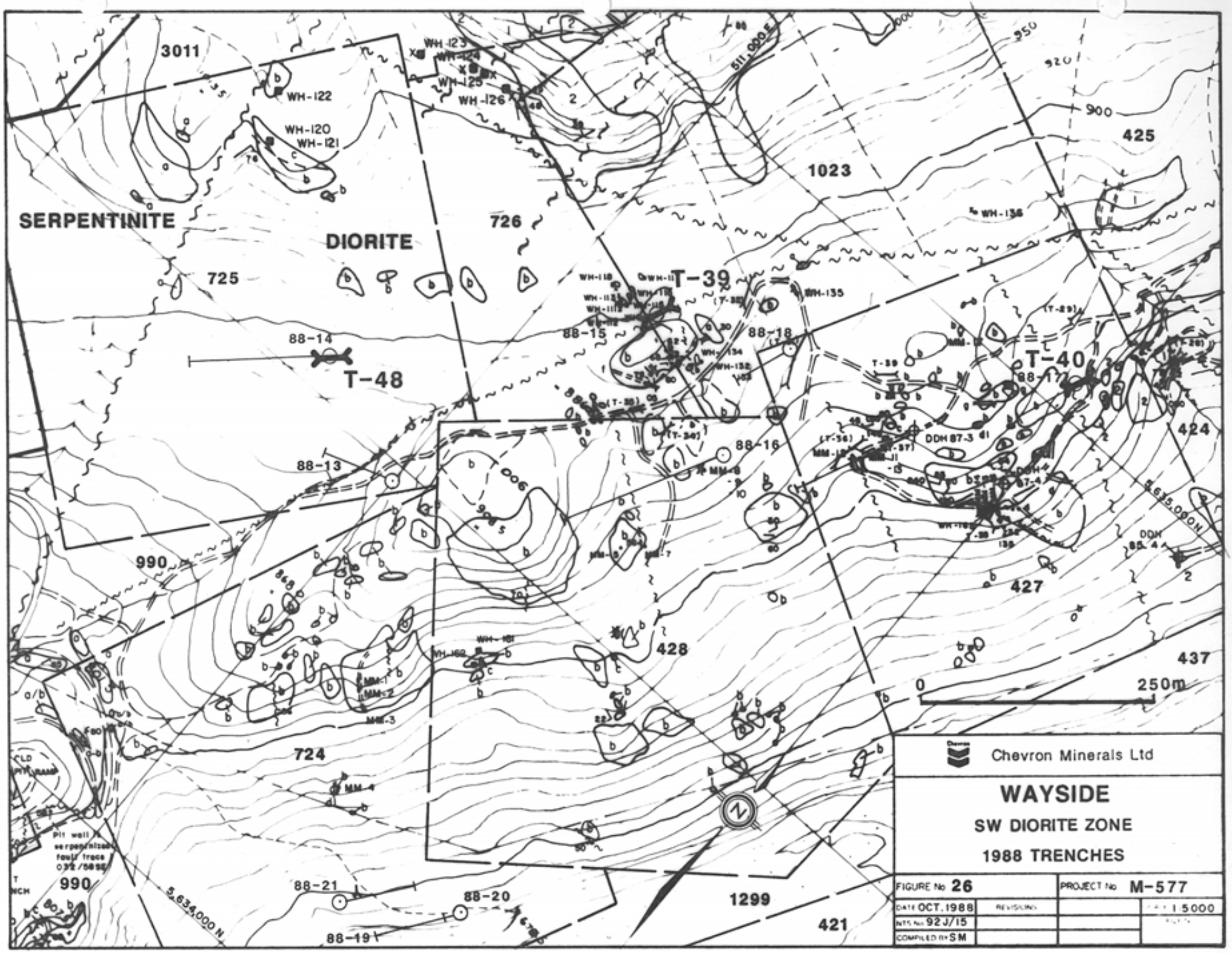
WAYSIDE TRENCH DIMENSIONS

Trench	Width (M)	Length (M)	Zone
88-T-39	1	34	SW Diorite
88-T-40	1	11	SW Diorite
88-T-41	1	26	Wayside Main
88-T-42	1	28	Wayside Main
88-T-43	1	29	Wayside Main
88-T-44	1	31	Wayside Main
88-T-45	1	52	Two Bob
88-T-46	1	81	Two Bob
88-T-47	1	38	Two Bob
88-T-48	1	25	SW Diorite

11.1.1 SW Diorite Zone Trenching

Geophysics was primarily used to define trenching targets in the SW Diorite zone due to the lack of bedrock exposure in areas of interest. The 1987 drilling in the area had confirmed that major VLF-EM 16 conductors were in fact faults. Two major conductors were targeted for trenching. Of the three trenches completed in this zone, two reached bedrock, 88-T-39 and 88-T-40 (Figure 26). Due to overburden locally in excess of five metres, the trenching program here was reduced.

Trench 88-T-39 is located within the central portion of the SW diorite body to the south of the major NE trending fault. The trench extends southwest for a



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WAYSIDE

SW DIORITE ZONE

1988 TRENCHES

FIGURE No 26		PROJECT No M-577	
DATE OCT. 1988	REVISIONS		SCALE 1:5000
NTS No 92 J/15			
COMPILED BY SM			

total of 34 metres. A contact between diorite to the northeast and serpentinite to the southwest was exposed in this trench (Figure 27). No evidence of alteration or veining was observed. No samples were collected and the trench was reclaimed.

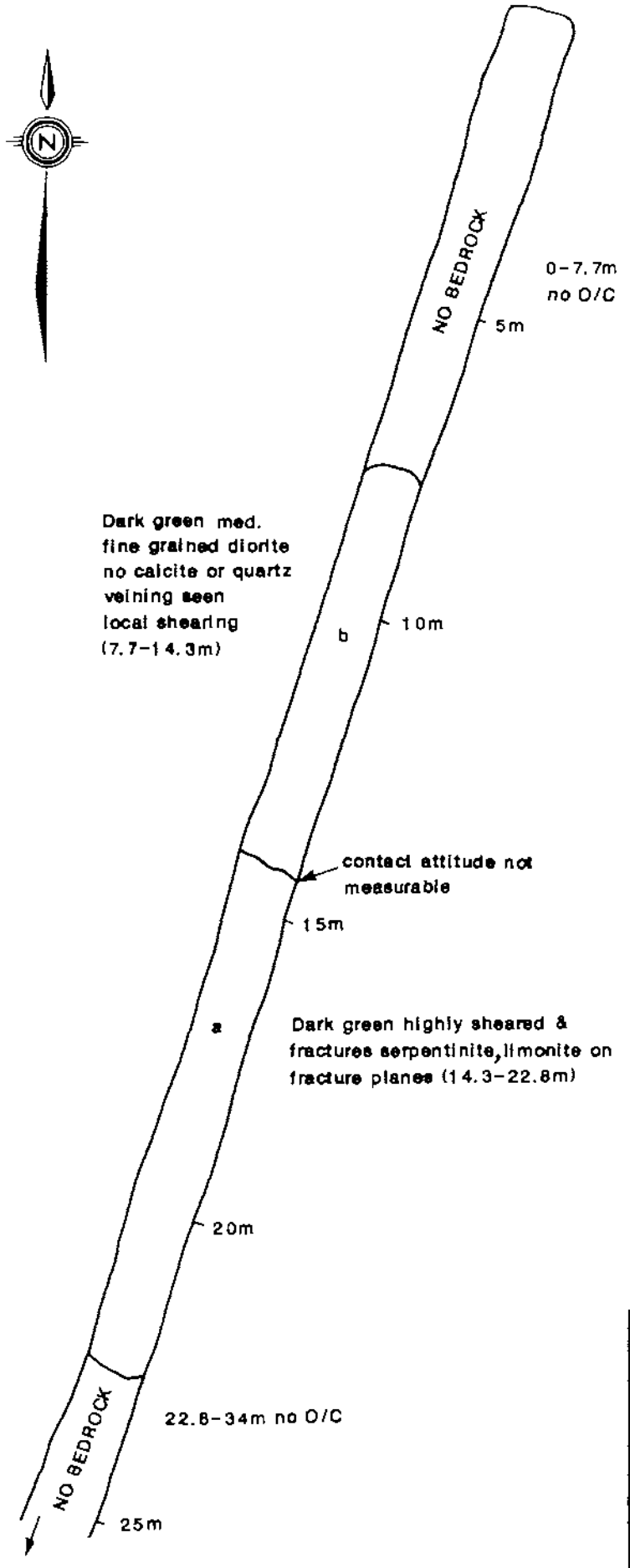
Trench 88-T-40, at the northeast edge of the SW diorite body, was targeted to expose the diorite-chert contact. The trench trends southwest for 12 metres. Chert was exposed in the trench, but the diorite-chert contact lies further to the southwest (Figure 28). No anomalous samples were reported from this trench. The trench was backfilled and a drill pad was constructed on the reclaimed site.

Trench 88-T-48, abandoned in overburden and now reclaimed, was located approximately 700 metres north of the old pits at the southwestern corner of the property.

11.1.2 Wayside Main Zone Trenching

Trenches on the Wayside main zone were targeted to expose the northern extension of the quartz veined shear zone exposed in the Paxton adit. Four trenches were completed, three of which intersected an Fe-carbonate altered shear zone with associated quartz-carbonate veining (Figure 29).

Trench 88-T-41 is located approximately 130 metres northwest of the Paxton portal and trends northeast for 26 metres (Figure 30). The trench is underlain predominantly by unaltered diorite. A 1.00 to 1.45 metre wide zone of rusty weathering Fe-carbonate altered diorite cut by sub-parallel 0.4 to 0.8 centimetre wide calcite-quartz veins is exposed at the southwest end of the



SCALE:

0 1 2 3 4 5 m

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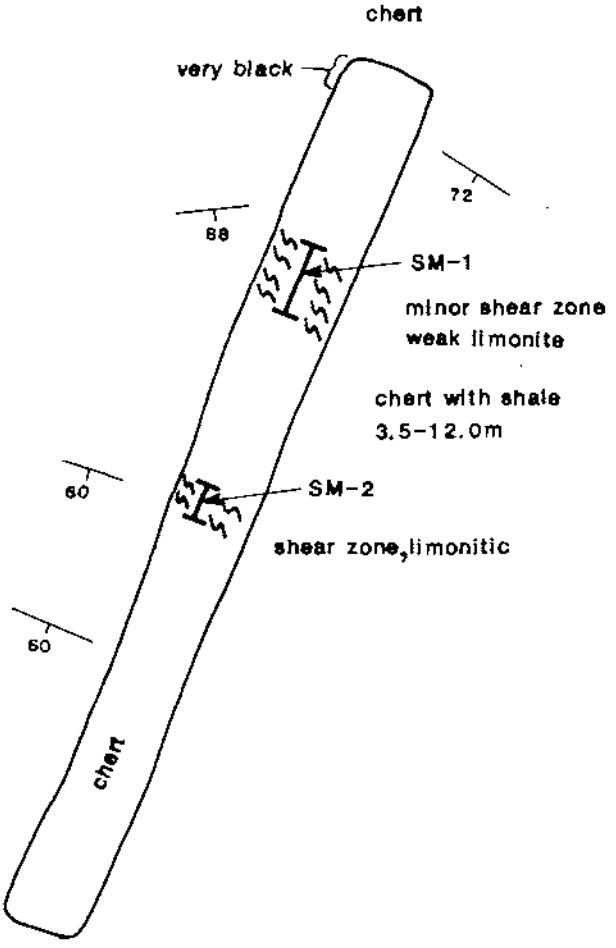
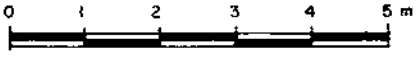
WAYSIDE
SW DIORITE ZONE
TRENCH 88-T-39

FIGURE No 27		PROJECT No M-577	
DATE JULY / 88			1:100
NTS No 92J/15NE			G-23
COMPILED BY S M			

SAMPLE NUMBER	WIDTH (M)	Au ppb	Sb ppm	As ppm	Ag ppm
SM8W-001	1.0	-5	2	24	0.3
SM8W-002	0.5	-5	3	14	0.2



SCALE:



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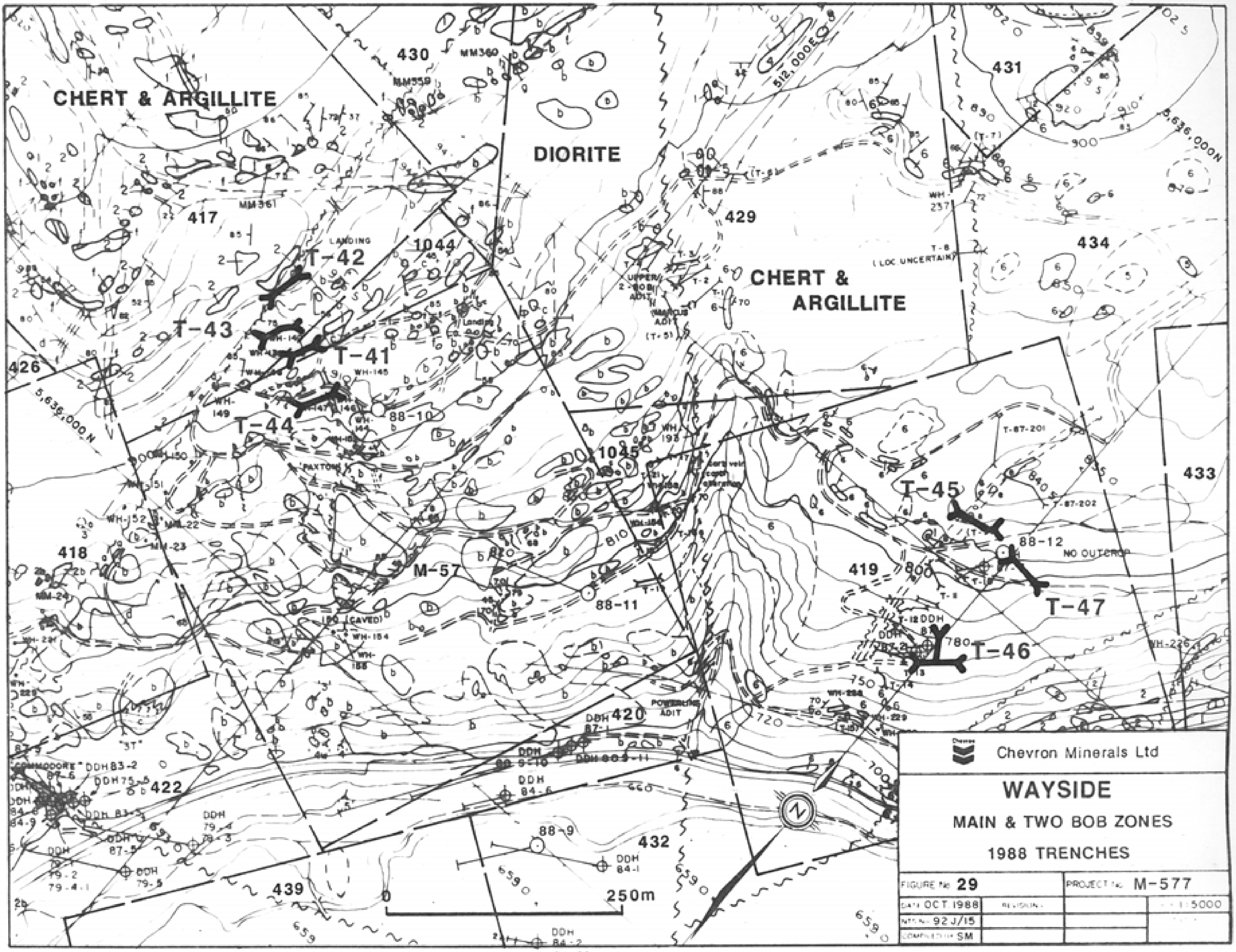
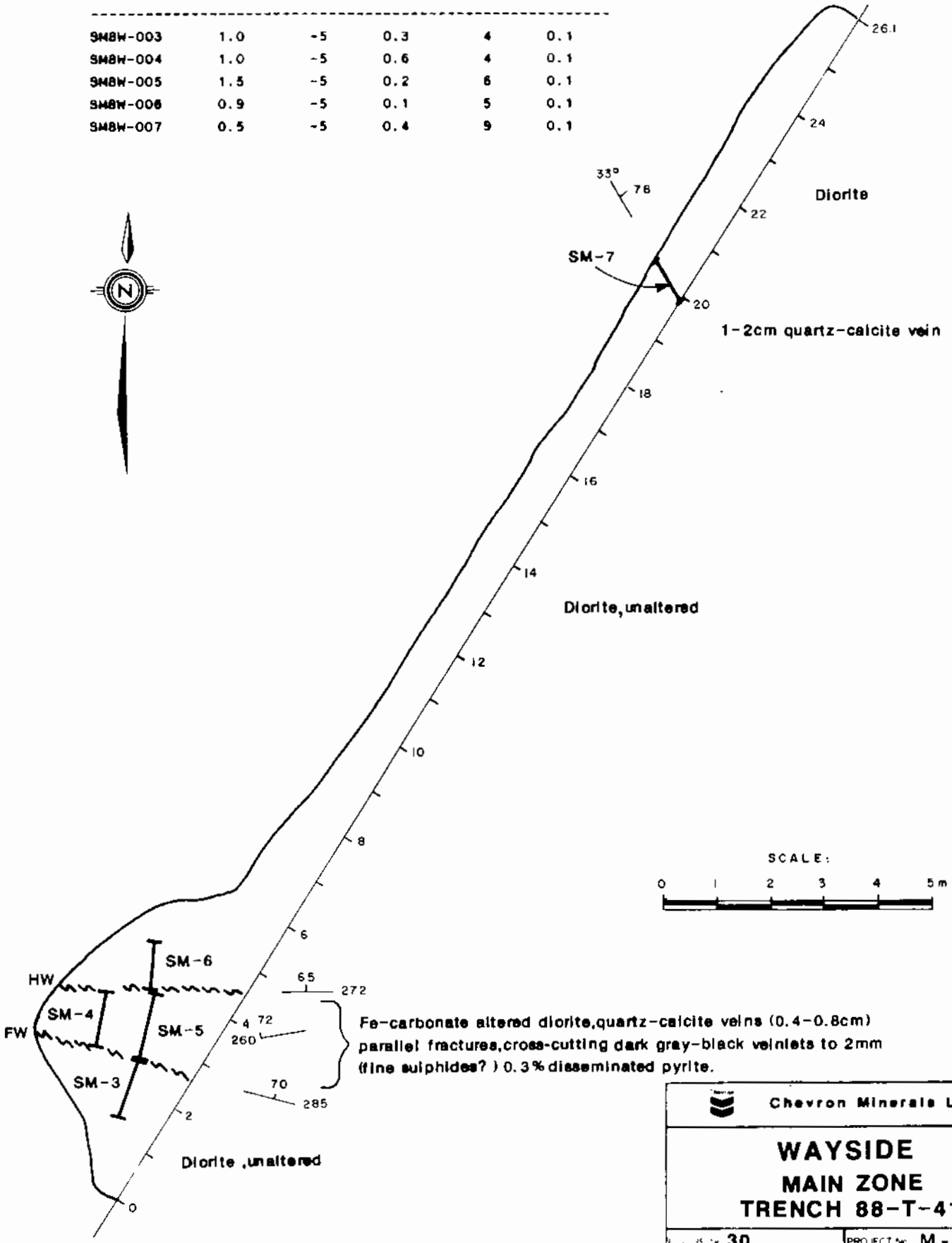
WAYSIDE
SW DIORITE ZONE
TRENCH 88--T-40

FIGURE No 28		PROJECT No M-577	
DATE JULY / 88	REVISION		SCALE 1:100
NTS 92J/15NE			FILE No G-24
COMPILED BY S. M.			



CHERT & ARGILLITE
DIORITE
CHERT & ARGILLITE
T-41
T-42
T-43
T-44
T-45
T-46
T-47
88-9
88-10
88-11
88-12
M-57
NO OUTCROP
POWERLINE ADIT
250m
Chevron Minerals Ltd
WAYSIDE
MAIN & TWO BOB ZONES
1988 TRENCHES
FIGURE No 29
PROJECT No M-577
DATE OCT. 1988
1:5000
NTS No 92 J/15
SM

SAMPLE NUMBER	WIDTH (M)	Au ppb	Sb ppm	As ppm	Ag ppm
SM8W-003	1.0	<5	0.3	4	0.1
SM8W-004	1.0	<5	0.6	4	0.1
SM8W-005	1.5	<5	0.2	6	0.1
SM8W-006	0.9	<5	0.1	5	0.1
SM8W-007	0.5	<5	0.4	9	0.1



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WAYSIDE
MAIN ZONE
TRENCH 88-T-41

	30	PROJECT No. M-577	
JULY/88			1:100
92J/15NE			
S.M.			G-25

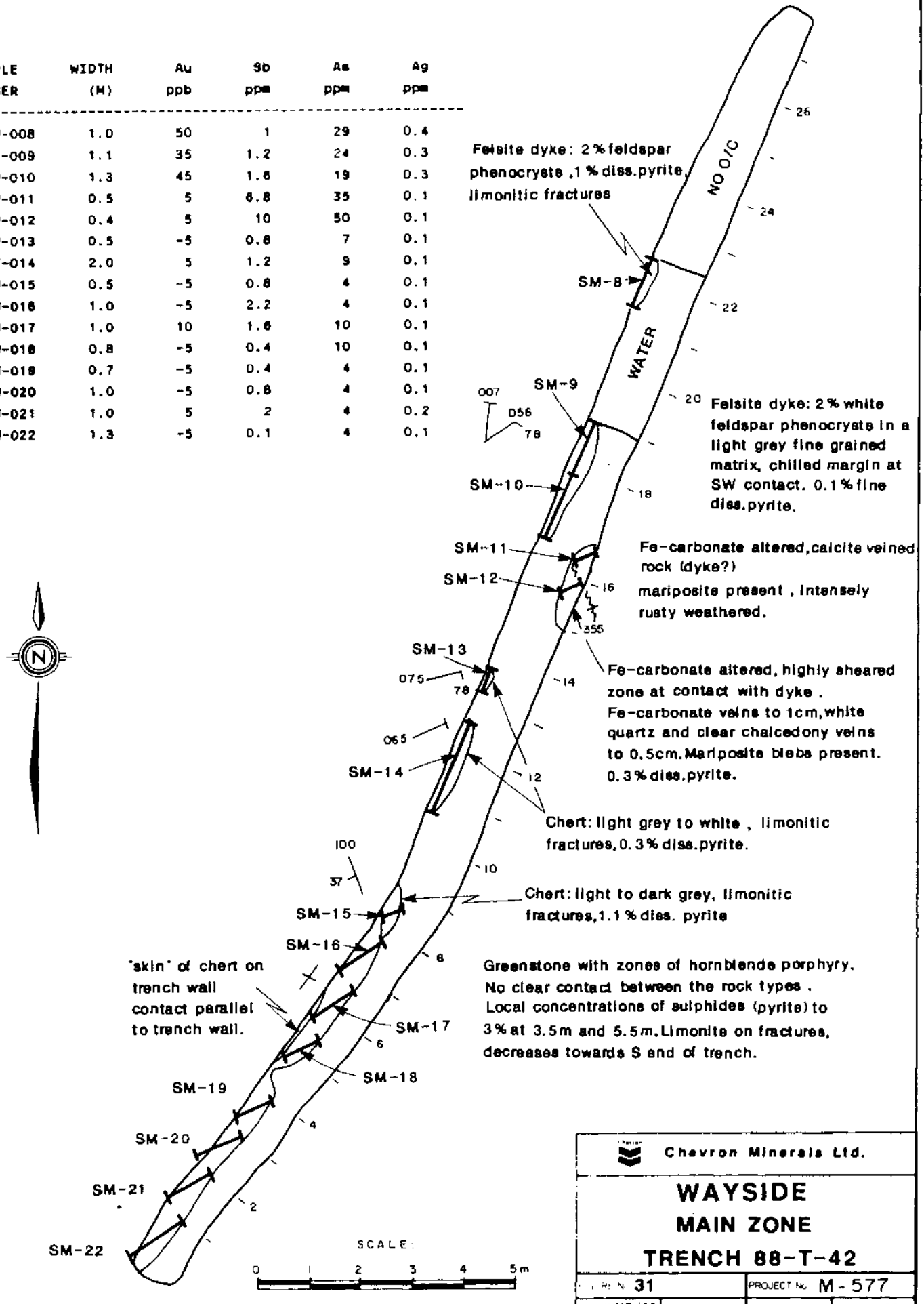
trench. This zone trends at approximately 280 degrees and dips 70 degrees to the northeast. No anomalous gold values were associated with this zone. This trench was reclaimed.

Trench 88-T-42 is located 220 metres northwest of the Paxton portal and trends north-northeast for 28 metres (Figure 31). The southern half of the trench is underlain by chert and greenstone that are in fault contact to the north with a weakly porphyritic felsite dyke. The fault contact strikes 355 degrees, is vertical and encompasses a 0.9 metre zone of intense Fe-carbonate alteration. Gold values of up to 50 ppb over 1.0 metre were returned from the felsic dyke (sample SM8W-8). This trench was reclaimed.

Trench 88-T-43 is located between T-88-41 and T-88-42 and trends northeast for 29 metres (Figure 32). The trench is underlain by unaltered, highly fractured argillite with minor cherty sections and local zones of sheared greenstone. The east-west trending fault located in trench T-88-41 was not intersected and no samples were collected from the trench. This trench was reclaimed.

Trench 88-T-44 is located 90 metres north of the Paxton portal and trends northwest for 31 metres (Figure 33). The trench is underlain by relatively unaltered diorite that is cut by a 1.0 metre wide intensely sheared quartz vein zone. This quartz vein zone strikes 310 degrees and dips 45 degrees to the northeast. A 0.7 metre wide zone of intensely Fe-carbonate altered diorite is found at the footwall of the vein zone. Anomalous gold values of up to 1500 ppb over 1.0 metre are reported from the quartz vein (sample SM8W-25). The

SAMPLE NUMBER	WIDTH (M)	Au ppb	Sb ppm	As ppm	Ag ppm
SM8W-008	1.0	50	1	29	0.4
SM8W-009	1.1	35	1.2	24	0.3
SM8W-010	1.3	45	1.6	19	0.3
SM8W-011	0.5	5	6.8	35	0.1
SM8W-012	0.4	5	10	50	0.1
SM8W-013	0.5	-5	0.8	7	0.1
SM8W-014	2.0	5	1.2	9	0.1
SM8W-015	0.5	-5	0.8	4	0.1
SM8W-016	1.0	-5	2.2	4	0.1
SM8W-017	1.0	10	1.6	10	0.1
SM8W-018	0.8	-5	0.4	10	0.1
SM8W-019	0.7	-5	0.4	4	0.1
SM8W-020	1.0	-5	0.8	4	0.1
SM8W-021	1.0	5	2	4	0.2
SM8W-022	1.3	-5	0.1	4	0.1



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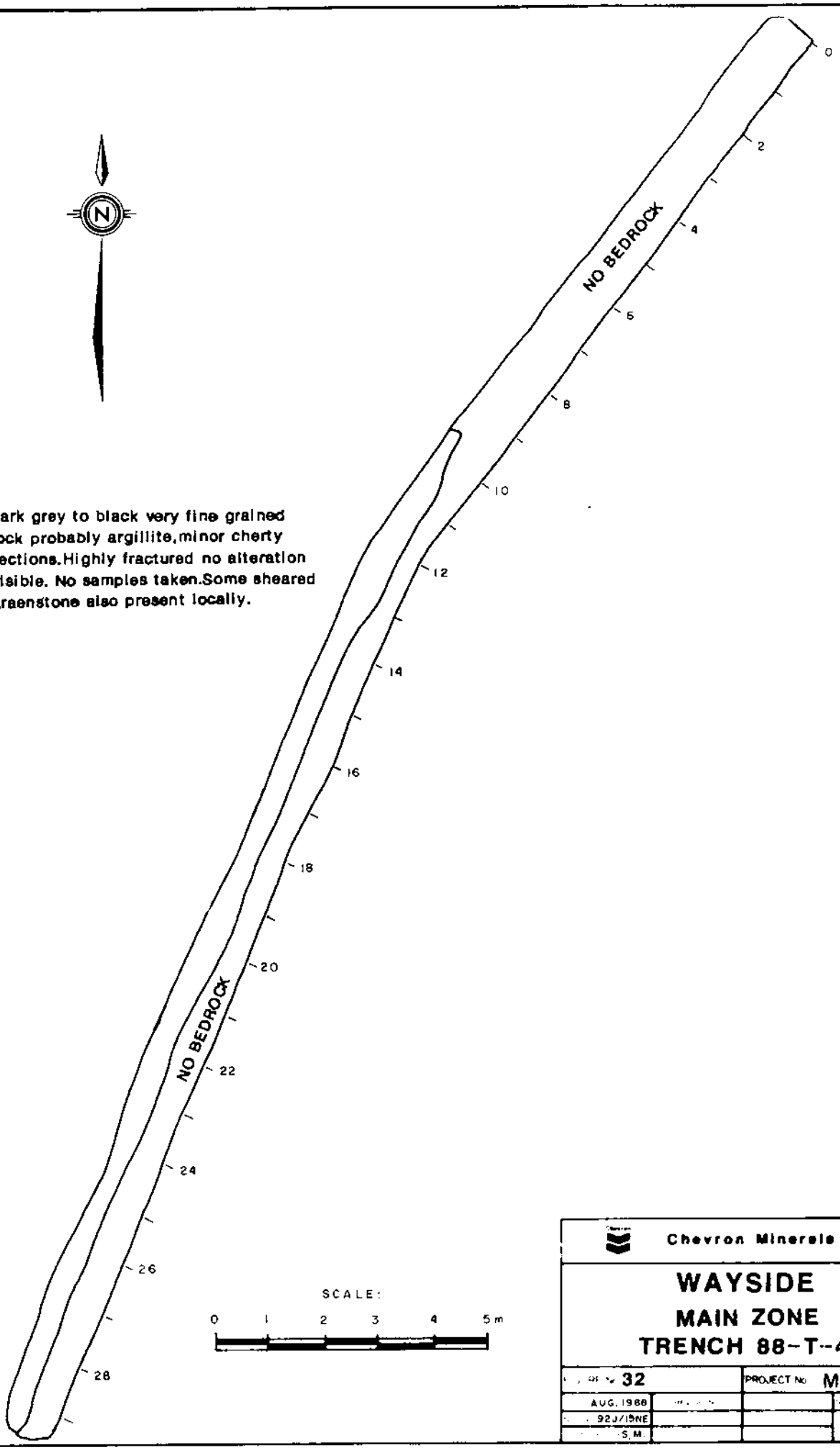
WAYSIDE
MAIN ZONE
TRENCH 88-T-42

FIG. NO. 31		PROJECT No. M-577	
JUNE/88			1:100
92J/15NE			
S.M.			G-26



Dark grey to black very fine grained rock probably argillite, minor cherty sections. Highly fractured no alteration visible. No samples taken. Some sheared greenstone also present locally.

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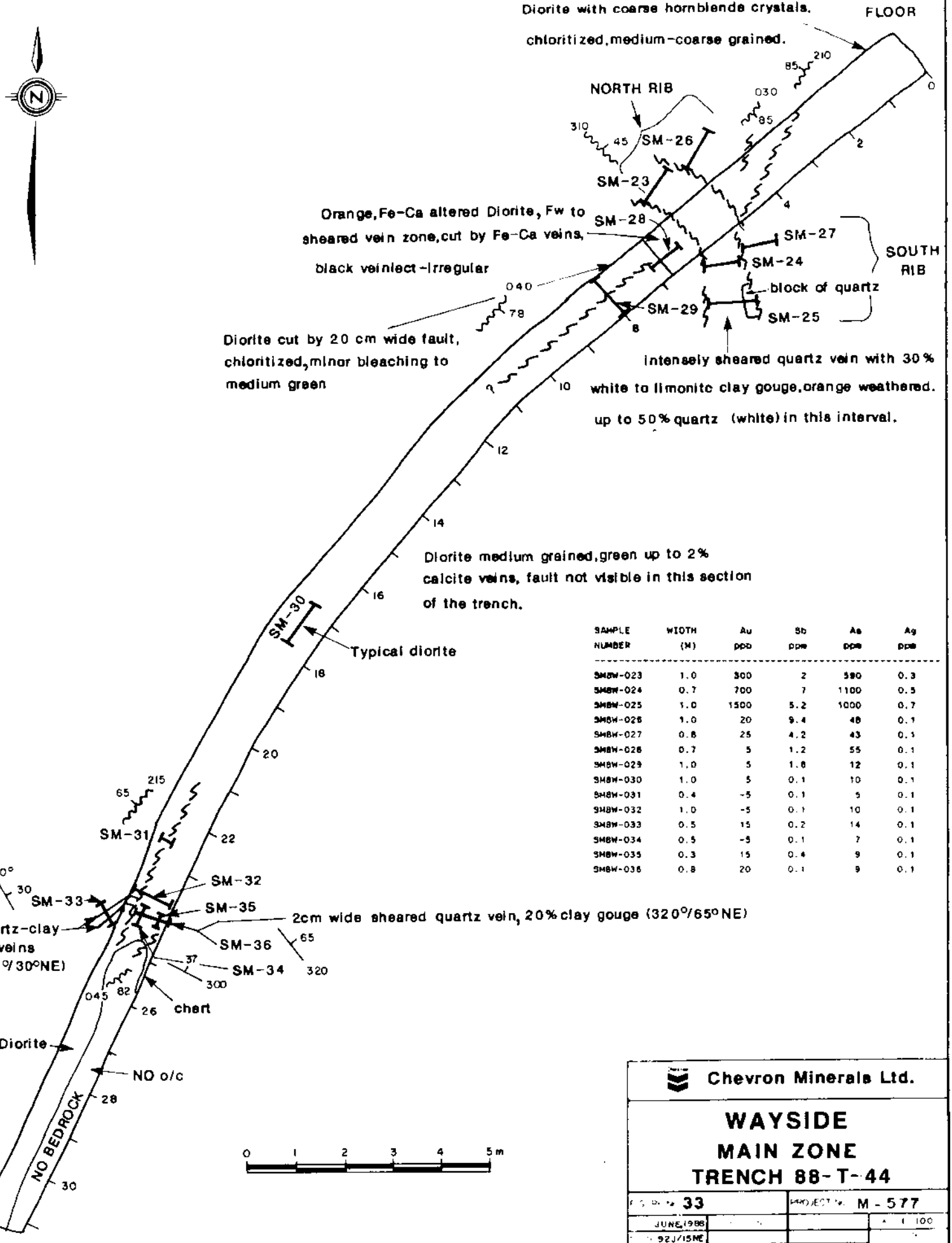
WAYSIDE
MAIN ZONE
TRENCH 88-T-43

		PROJECT No. M-577	
AUG. 1988			1" = 100'
92J/15NE			FIG. G-27
S.M.			



SAMPLE NUMBER	WIDTH (M)	Au ppb	Sb ppm	As ppm	Ag ppm
SM8W-023	1.0	300	2	590	0.3
SM8W-024	0.7	700	7	1100	0.5
SM8W-025	1.0	1500	5.2	1000	0.7
SM8W-026	1.0	20	9.4	48	0.1
SM8W-027	0.8	25	4.2	43	0.1
SM8W-028	0.7	5	1.2	55	0.1
SM8W-029	1.0	5	1.8	12	0.1
SM8W-030	1.0	5	0.1	10	0.1
SM8W-031	0.4	<5	0.1	5	0.1
SM8W-032	1.0	<5	0.1	10	0.1
SM8W-033	0.5	15	0.2	14	0.1
SM8W-034	0.5	<5	0.1	7	0.1
SM8W-035	0.3	15	0.4	9	0.1
SM8W-036	0.8	20	0.1	9	0.1

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WAYSIDE
MAIN ZONE
TRENCH 88-T-44

FIG. NO. 33		PROJECT NO. M-577	
JUNE, 1988			AS SHOWN
92J/15NE			
S.M			G-28

Fe-carbonate altered footwall zone yielded value of 5 ppb. The southwestern portion of this trench was reclaimed.

The trenching on the Wayside Main zone has exposed one quartz vein with anomalous gold values in T-88-44 the represent the northern extension of mineralization last exposed underground in the Paxton adit. This zone was further tested by diamond drill hole 88-10 that was collared 45 metres northeast of trench T-88-44.

11.1.3 Two Bob Zone Trenching

The trenching program on the Two Bob zone was designed to further delineate the relationship between the feldspar porphyry dykes, prominent shear zones along the margins of the dykes and the mineralized quartz veins. The trenches were targeted mainly using conductors defined by the detailed VLF survey completed over the Two Bob zone (Figure 29).

Trench 88-T-45 is located approximately 50 metres northwest of drill hole 87-7 and extends east for 52 metres (Figure 34). This trench was excavated to test a well defined VLF conductor as well as to expose the northern extension of the feldspar porphyry dyke present in trench T-9, approximately 30 metres to the south. This trench has been reclaimed.

The western half of the trench is underlain by argillite with interbedded greywacke. A 2.6 metre sample of weakly sheared argillite was anomalous with 105 ppb Au. The argillite in the eastern half of trench 88-T-45 is intruded by a light grey hornblende feldspar porphyry dyke that is cut by a 30 centimetre wide quartz vein that strikes 253 degrees and dips at 60 to the

north. This quartz vein returned a highly anomalous value of 2400 ppb Au over a width of 40 centimetres (sample SM8W-44). This trench has been reclaimed.

Trench 88-T-46 is located 100 metres south of drill hole 87-7 and takes the shape of an upside down T (Figure 35). This trench was targeted by two intersecting and crosscutting conductors defined by the detailed Two Bob VLF survey. All three limbs of the trench are underlain by argillite that strikes north and dips steeply to the east. The argillite in the east limb of the trench is highly sheared. A 3 metre wide feldspar porphyry dyke cuts the argillite at the apex of the three limbs. The attitude of the dyke parallels that of the argillite. The maximum value returned from this trench is 45 ppb Au over 1.2 metres in feldspar porphyry dyke (sample SM8W-50). This trench has been reclaimed.

Trench 88-T-47 is located 30 metres northeast of drill hole 87-7 and extends 38 metres to the east across a conductor defined by the detailed Two Bob VLF grid. A 5 metre exposure of argillite at the west end of the trench was the only bedrock found. No samples were collected and the trench was reclaimed.

Four of the existing trenches on the Two Bob zone, T-9, T-10, T-11.5 and T-12, were cleaned out to allow for additional sampling and remapping. Trench T-9 is located on the access road between T-45 and T-47 and extends northeast for 44 metres. The trench is mainly underlain by argillite that has been intruded by a feldspar porphyry dyke (Figure 36). The highly sheared argillite at the vertical western contact of the dyke is cut by irregular quartz veins and returned an anomalous value of 750 ppb Au over 1.0 metres (sample SM8W-59).

Trench T-10 is located 20 metres south of drill hole 87-7 and extends west for 24 metres (Figure 37). Two subparallel, northwest striking, easterly dipping, altered and quartz veined feldspar porphyry dykes intrude the surrounding argillite. Anomalous gold values ranging from 60 to 930 ppb were returned from samples of the dyke and surrounding wall rock, samples SM8W-61 and SM8W-60, respectively.

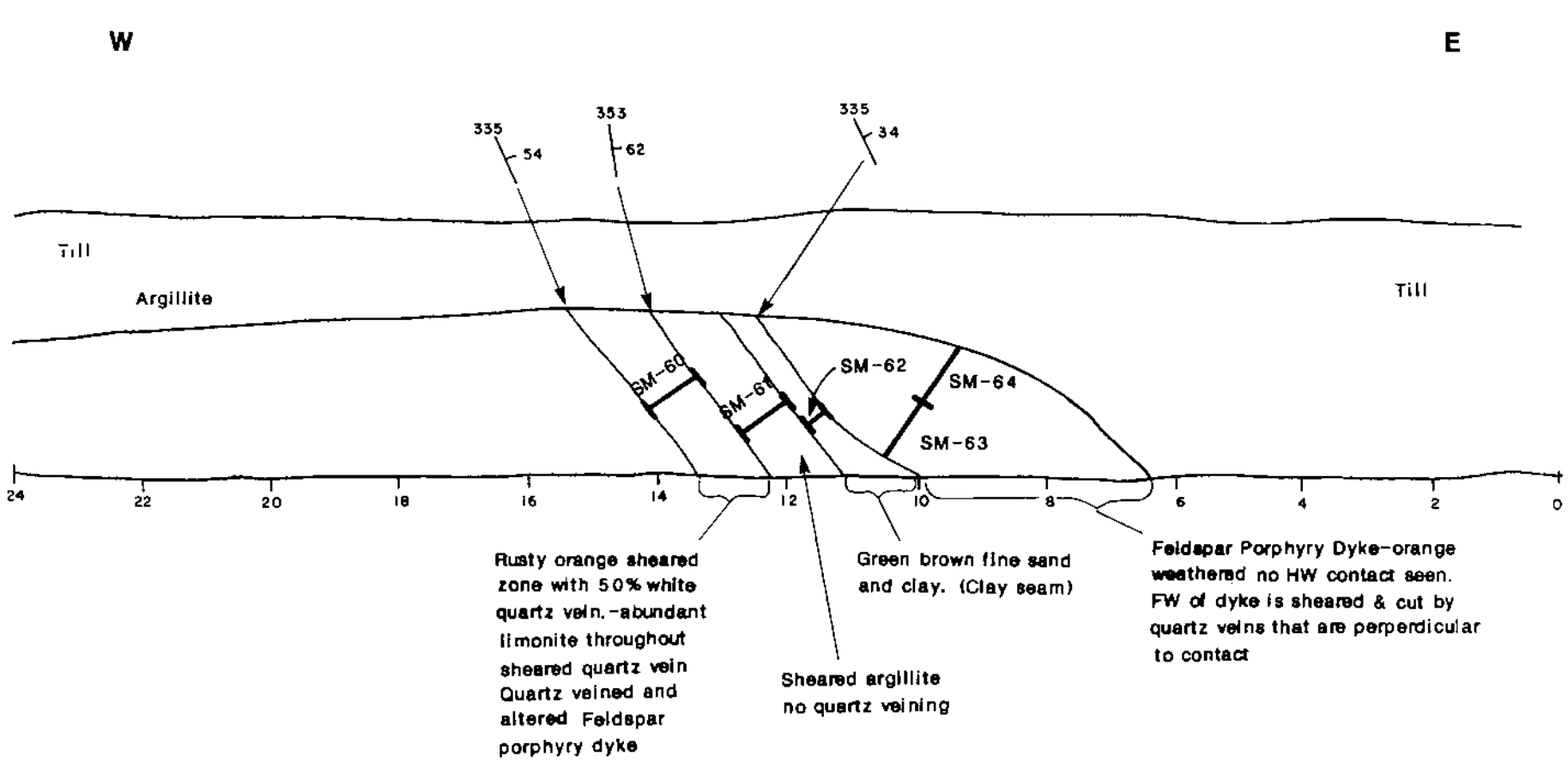
A high anomalous gold value of 5060 ppb was returned from 1.4 metres of highly sheared argillite (sample SM8W-66) at the footwall contact of a feldspar porphyry dyke in trench T-11.5 which is located 40 metres southwest of trench T-10 (Figure 38).

Trench T-12 is located 40 metres northwest of drill hole 87-2 (Figure 39) and is underlain by weakly sheared argillite and a feldspar porphyr dyke. There is a 0.9 metre zone of intense Fe-carbonate alteration in the footwall of the dyke adjacent the contact with the argillite.

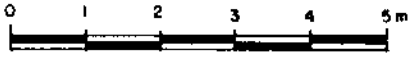
12.0 DIAMOND DRILLING

During July to September, 1988 a diamond drilling program was conducted on the Wayside property to test geophysical anomalies generated as a result of the 1987 VLF-EM 16 surveys as well as to test geological targets defined by the backhoe trenching completed earlier in the season. Thirteen diamond drill holes were completed for a total length of 2083.86 metres (Table 6). The three zones targeted for drilling were the Wayside Main, Two Bob and SW Diorite zones (Figure 5).

NORTH RIB



SAMPLE NUMBER	WIDTH (M)	Au ppb	Sb ppm	As ppm	Ag ppm
SM8W- 60	1.0	930	4.4	2400	0.1
SM8W- 61	0.9	60	5.2	160	0.1
SM8W- 62	0.3	110	2.2	470	0.1
SM8W- 63	1.0	525	2.4	1800	0.1
SM8W- 64	1.1	115	1.4	400	0.1



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WAYSIDE
TWO BOB AREA
TRENCH 87-T-10

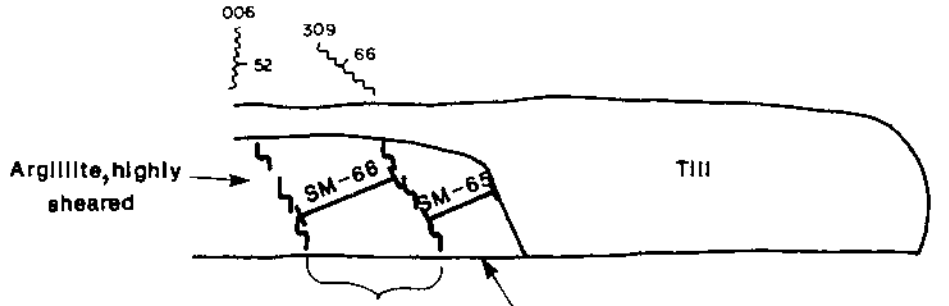
FIGURE No 37		PROJECT No M-577	
DATE JULY/88			1:100
NTS No 92J/15NE			G-20
COMPILED BY S.M.			

SAMPLE NUMBER	WIDTH (M)	Au ppb	Sb ppm	As ppm	Ag ppm
SM8W- 65	1.0	10	1	29	0.1
SM8W- 66	1.4	5060	5.6	3900	0.1

NORTH RIB (E PART OF TRENCH)

W

E



SCALE:

0 1 2 3 4 5 m

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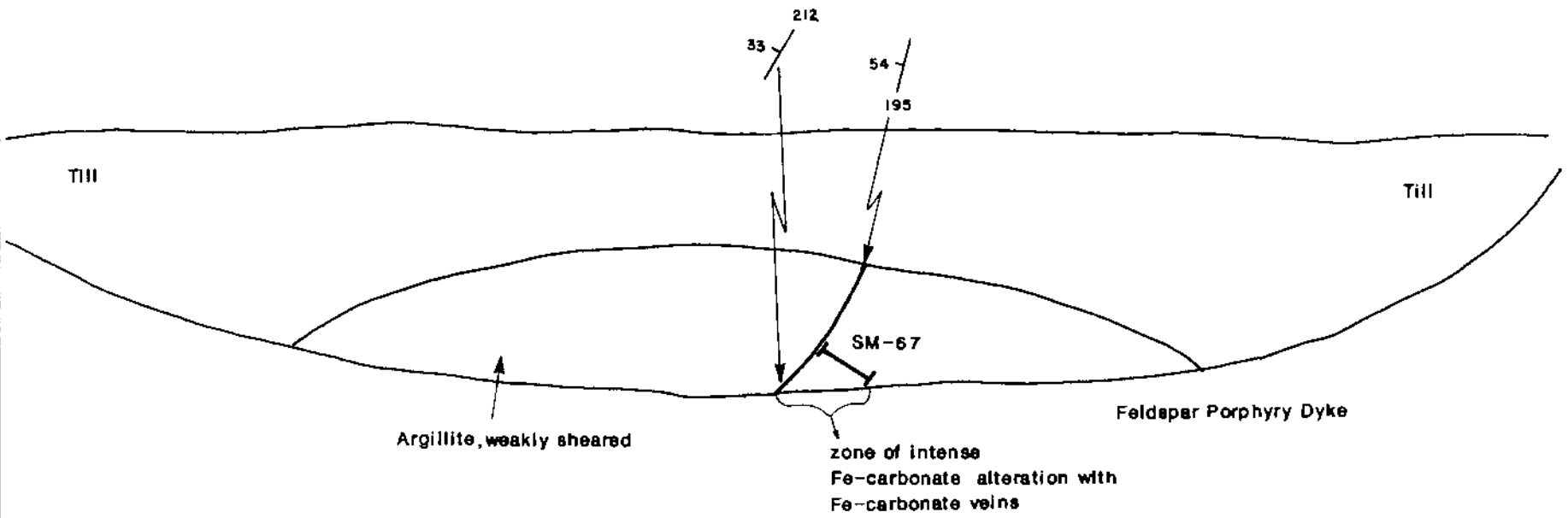
WAYSIDE
TWO BOB AREA
TRENCH T-11.5

FIGURE No 38		PROJECT No M-577	
DATE JULY, 1988	REVISION		SCALE 1:100
NTS No 92J/15NE			DWG No G-21
COMPILED BY S. M.			

W

North Rib

E



SAMPLE NUMBER	WIDTH (M)	Au ppb	Sb ppm	As ppm	Ag ppm
SM8W-67	0.9	30	3.2	70	0.1

0 1 2 3 4 5m

Chevron Minerals Ltd.

WAYSIDE
TWO BOB AREA
TRENCH 87-T-12

FIGURE No 39		PROJECT No M-577	
DATE JULY/88	REVISION		SCALE 1:100
NTS No 92J/15NE			DWG No G-22
DRAWN BY S.M.			

Table 6

DRILL HOLE SUMMARY

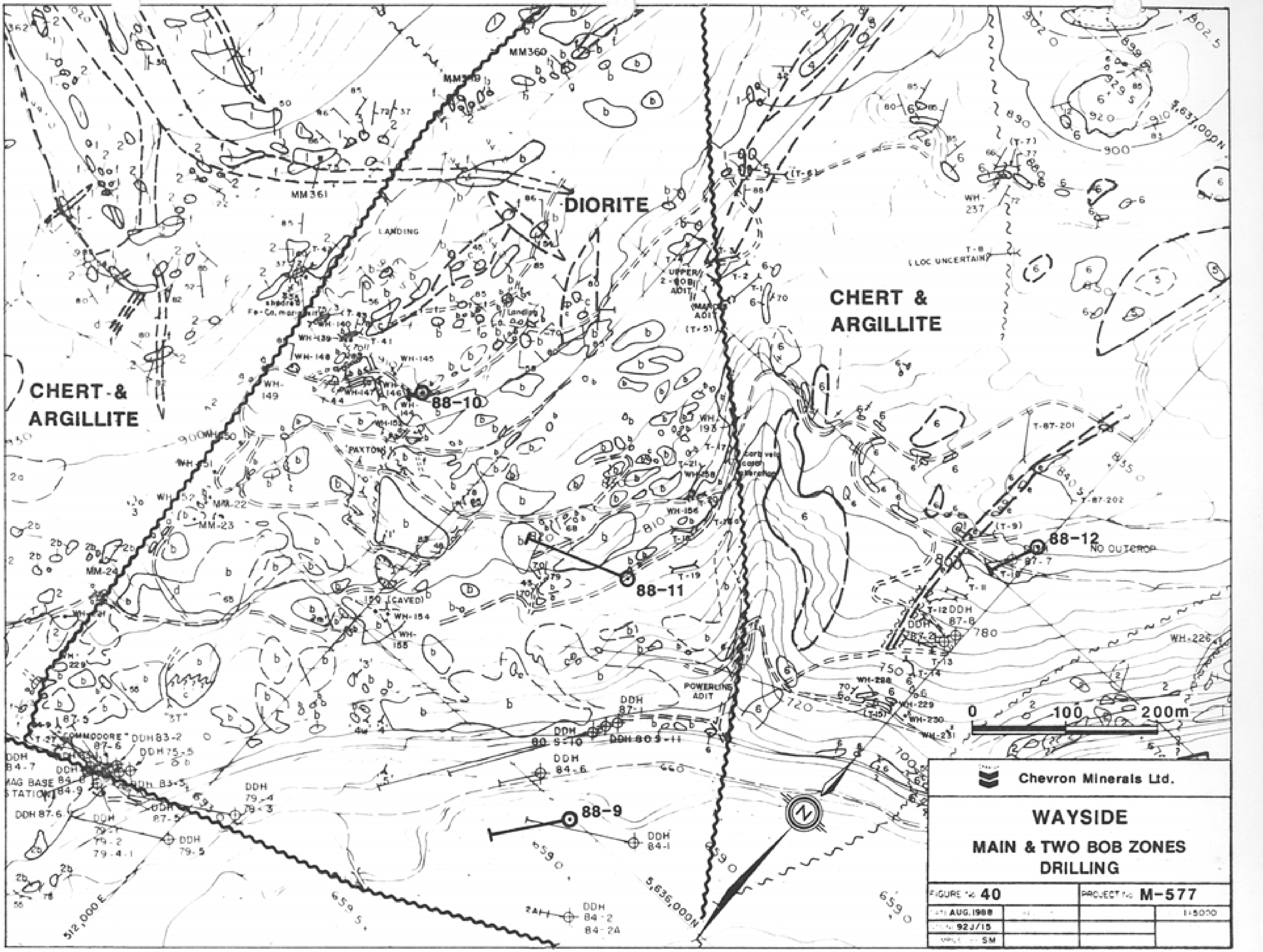
	Drill Hole	Total Depth (M)	Northing	Easting	Elevation	Dip	Azimuth
1	WS880009	260.30	5,635,995	512,315	659	-75°	218°
2	WS880010	88.39	5,636,230	511,893	908	-80°	220°
3	WS880011	277.98	5,636,229	512,190	787	-65°	250°
4	WS880012	99.37	5,636,551	512,497	813	-55°	203°
5	WS880013	127.41	5,634,473	510,972	867	-50°	250°
6	WS880014	243.23	5,634,520	510,855	892	-50°	227°
7	WS880015	103.33	5,634.795	511,085	900	-50°	217°
8	WS880016	293.22	5,634,734	511,253	856	-50°	209°
9	WS880017	107.90	5,635,035	511,497	810	-50°	205°
10	WS880018	102.41	5,634,865	511,236	867	-50°	202°
11	WS880019	188.30	5,634,200	511,342	686	-60°	217°
12	WS880020	76.20	5,634,200	511,342	686	-80°	217°
13	WS880021	115.82	5,634,112	511,240	695	-45°	037°
		2,083.86 metres					

Tonto Drilling Ltd. of Burnaby, B.C. was contracted to drill the Wayside property in the 1988 field season. The drilling began July 5, 1988 and was completed by September 12, 1988 using a skid mounted Longyear 38 drill and NQ rods. A D-6 Cat supplied by Tonto was used to transport the drill and equipment during drill moves. The drill core is currently stored in core racks located near the No. 5 portal on the Wayside Main zone.

All the drill core was logged using Lynx Geosystem's computer based geolog format. Data entry from the geoforms was completed in the field using a Compaq II portable computer. The geoheader which outlines the use of the Geolog format, as well as the drill logs are found in Appendix VI and Appendix VII, respectively.

12.1 WAYSIDE MAIN ZONE DRILLING

Three holes totalling 626.7 metres were drilled in the Wayside Main zone (Figure


DIORITE
CHERT & ARGILLITE
CHERT & ARGILLITE
CHERT & ARGILLITE
88-10
88-11
88-12
88-9
LANDING
"PAXTON"
UPPER 2-BOB ADIT
POWERLINE ADIT
"COMMODORE"
MAG BASE STATION
NO OUTCROP
(LOC UNCERTAIN)
150 (CAVED)
MM360
MM361
MM-22
MM-23
MM-24
5,637,000N
5,636,000N
512,000 E
0
100
200m
Chevron Minerals Ltd.
WAYSIDE
MAIN & TWO BOB ZONES
DRILLING
FIGURE No 40
PROJECT No M-577
AUG. 1988
92J/15
SM
1:5000

40). These holes were designed to test the down dip and along strike extension of known quartz vein and shear zone mineralizatino found in the Wayside underground workings.

12.1.1 Drill Hole WS880009

Drill hole WS880009 was collared on the mud flats 200 metres northwest of the No. 5 portal and was drilled to test the Wayside Main structure 100 metres down dip from the No. 9 level. This hole was drilled to a total depth of 260.30 metres.

Diorite cut by felsic dykes and zones of granite was cored from 49.07 to 260.30 metres (Figure 41). A zone of porphyritic albitized granite with quartz veining and disseminated pyrite occurs from 166.80 to 204.48 metres as well as at 212.45 to 233.28 metres.

A highly anomalous zone identified within the albitized granite at 165.85 to 169.77 metres yielded 2.093 g/tonne Au over 3.92 metres. This zone is the highest intersection returned from the drilling program. This auriferous quartz veined zone possible represents the down dip extension of the hanging wall found on the No. 9 level. The dips of these hanging wall veins are known to be flatter than the Main Vein zone.

Two additional zones within this highly altered granite returned anomalous gold values from zones at 175.11 to 180.40 metres and 191.11 to 194.16 metres. The maximum values of 620 and 520 ppb Au were from samples 79916 and 79017, respectively.

SCHEMATIC CROSS SECTION
OF WAYSIDE UNDERGROUND WORKINGS

No.5 LEVEL

NOTMAN VEIN

No.7 LEVEL

MAIN VEIN

No.8 LEVEL

No.9 LEVEL

2350 ppb Au
2650 ppb Au
2820 ppb Au

260.30
WS880009 0.0 200.0 400.0 600.0 800.0 1000.0
AU PPB

LEGEND

- Quartz Vein
- Dyke
- Dyke: Porphyritic
- Diorite
- Granite
- Greenstone
- Gabbro
- Serpentinite
- Ultramafic
- Chert
- Siltstone
- Greywacke
- Missing Core
- Fault Zone
- Geological Contact

Chevron Minerals Ltd.

WAYSIDE PROPERTY
TRUE CROSS SECTION
WS880009

SCALE 1: 1000

AUG-26-88	CR9	M577
FIGURE No. 41		FILE No. G-31

12.1.2 Drill Hole WS880010

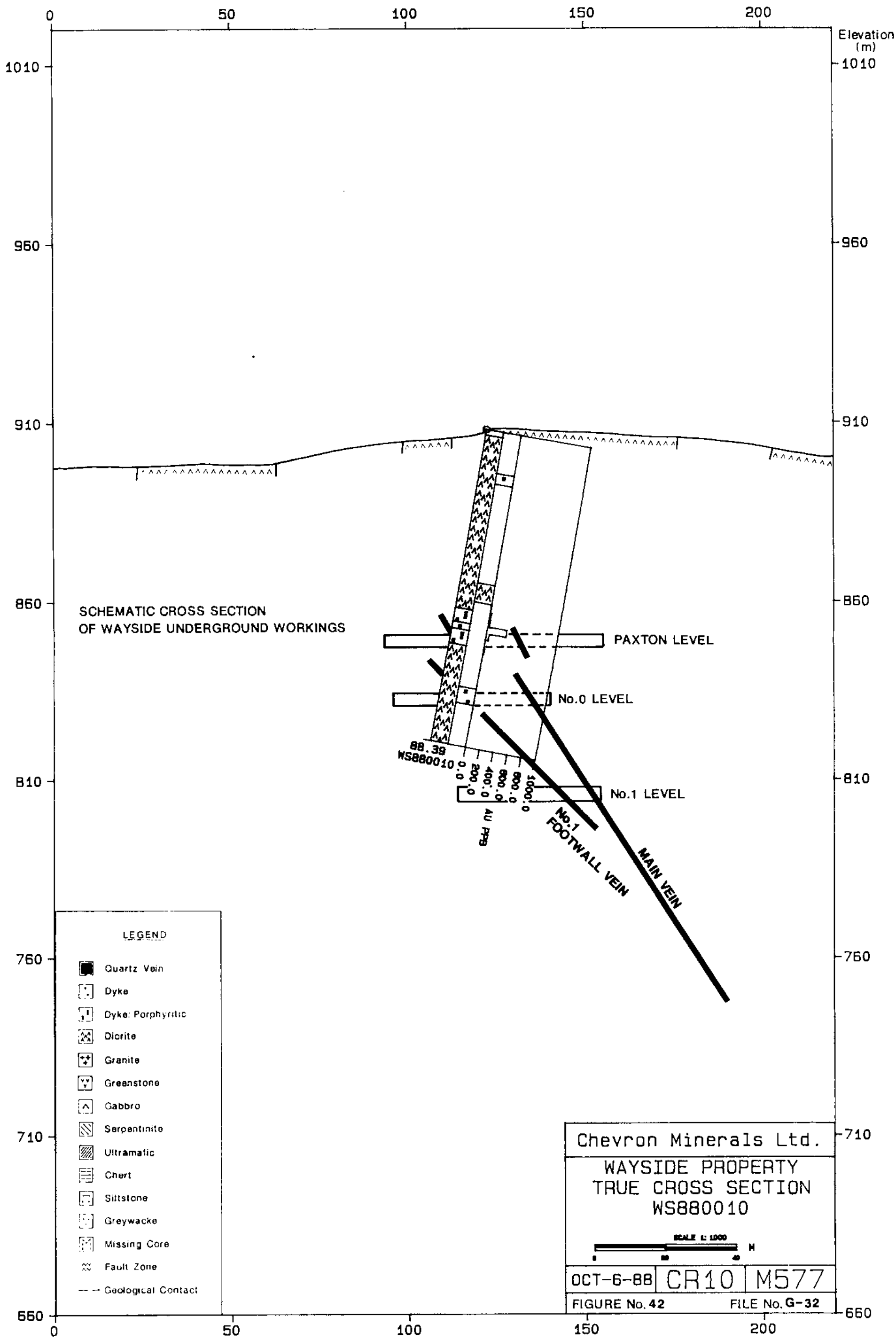
Drill hole WS880010, collared on an access road 100 metres north of the Paxton portal and 50 metres northeast of the trench 88-T-44, was drilled to test the Wayside Main structure 50 metres along strike from and at the same elevation as the Paxton level. This hole was drilled to a total depth of 88.39 metres.

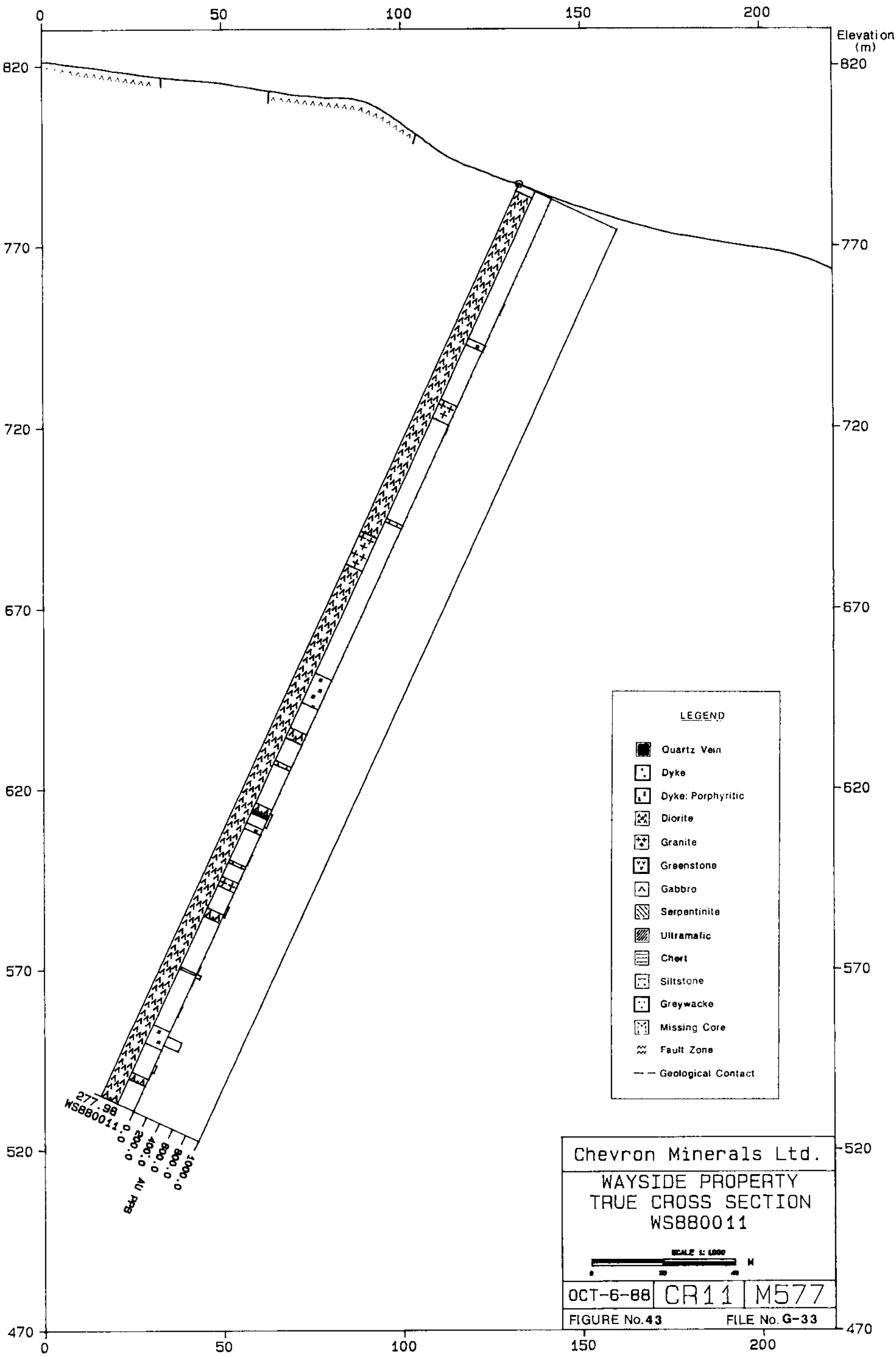
Diorite, cut by dykes of variable composition, was intersected from 1.52 to 88.39 metres. Feldspar porphyry and felsic dykes occur at 50.30 to 60.45 metres (Figure 42). A zone of strongly altered diorite with quartz veining and abundant mariposite was intersected at 42.50 to 47.88 metres and probably represents the northern extension of the Wayside structure. This zone only yielded less than 5 ppb Au. A felsic dyke at 54.14 to 56.07 metres returned 280 ppb Au from sample 79036.

12.1.3 Drill Hole WS880011

Drill hole WS880011 was collared on the road 340 metres north of the No. 5 portal and was drilled to test the Main Wayside structure at the elevation of the No. 8 level, 200 metres northwest along strike from the last exposure of the structure. The hole was drilled to a total depth of 277.93 metres.

Diorite was cored from 2.13 to 277.93 metres and is intersected by dykes and zones of granite (Figure 43). A feldspar porphyry dyke was intersected from 44.51 to 46.40 metres. Granite occurs at 63.03 to 68.70 and from 99.27 to 100.25 metres. The highest gold value obtained in this hole is 220 ppb from sample 79652 at 255.12 to 257.86 metres, a fine grained, pyritic, gouged and sheared intermediate dyke. This may represent the down dip extension of the main Wayside structure.


0
50
100
150
200
Elevation (m)
1010
960
910
860
810
760
710
660
SCHEMATIC CROSS SECTION
OF WAYSIDE UNDERGROUND WORKINGS
PAXTON LEVEL
No.0 LEVEL
No.1 LEVEL
88.39
WS880010
0.0
200.0
400.0
600.0
800.0
1000.0
Au PPB
No.1 FOOTWALL VEIN
MAIN VEIN
LEGEND
Quartz Vein
Dyke
Dyke: Porphyritic
Diorite
Granite
Greenstone
Gabbro
Serpentinite
Ultramafic
Chert
Siltstone
Greywacke
Missing Core
Fault Zone
Geological Contact
Chevron Minerals Ltd.
WAYSIDE PROPERTY
TRUE CROSS SECTION
WS880010
SCALE 1: 1000
OCT-6-88
CR10
M577
FIGURE No. 42
FILE No. G-32


0
50
100
150
200
Elevation (m)
820
770
720
670
620
570
520
470
277.98
WS880011
0.0
200.0
400.0
600.0
800.0
1000.0
Au PPB
LEGEND
Quartz Vein
Dyke
Dyke: Porphyritic
Diorite
Granite
Greenstone
Gabbro
Serpentinite
Ultramafic
Chert
Siltstone
Greywacke
Missing Core
Fault Zone
Geological Contact
Chevron Minerals Ltd.
WAYSIDE PROPERTY
TRUE CROSS SECTION
WS880011
SCALE 1: 1000
M
OCT-6-88
CR11
M577
FIGURE No. 43
FILE No. G-33

12.2 TWO BOB ZONE DRILLING

One hole totalling 99.37 metres was drilled on the Two Bob zone (Figure 40) to follow-up anomalous gold values returned from the 1987 drilling program on the Two Bob zone.

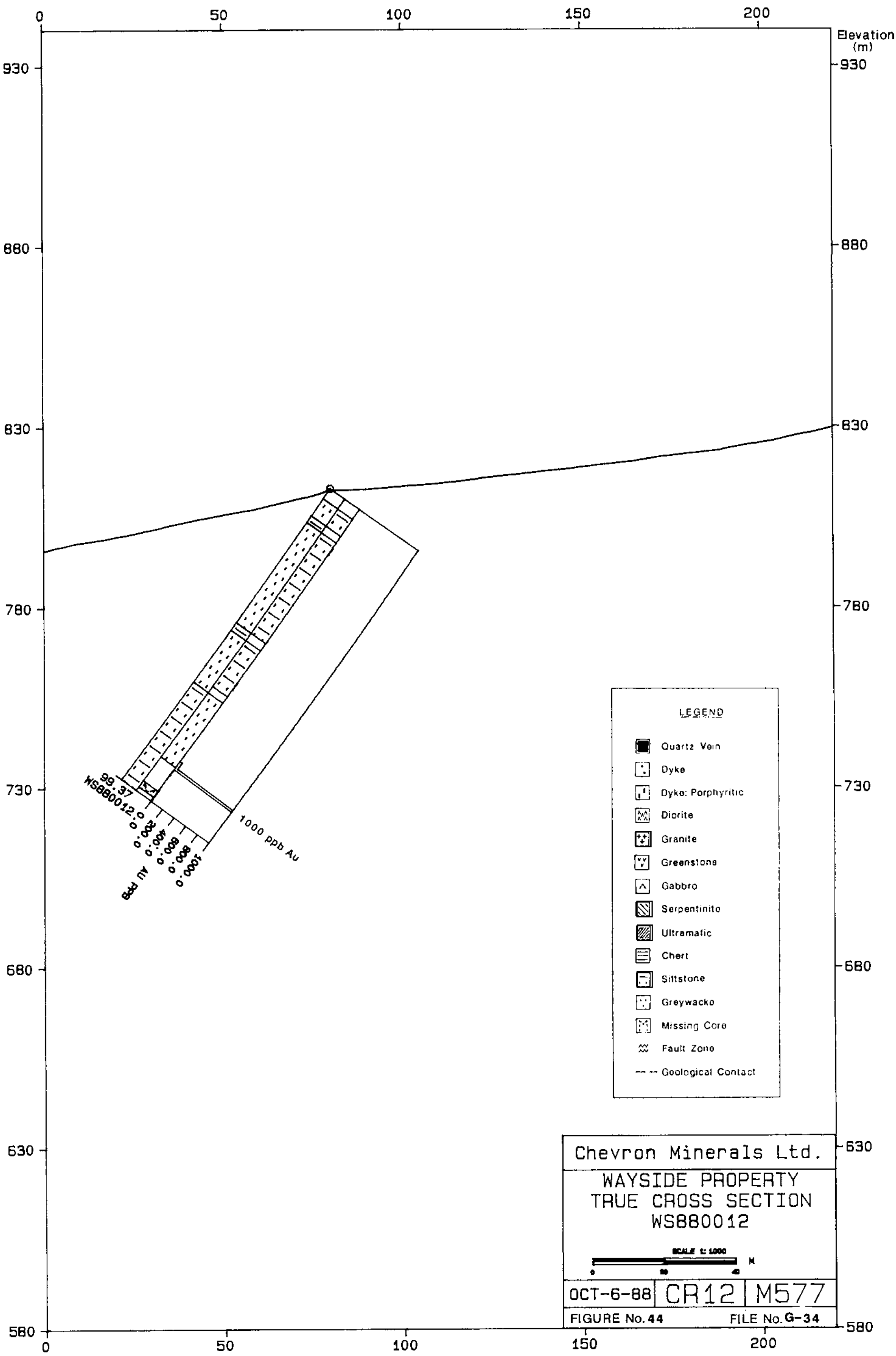
12.2.1 Drill Hole WS880012

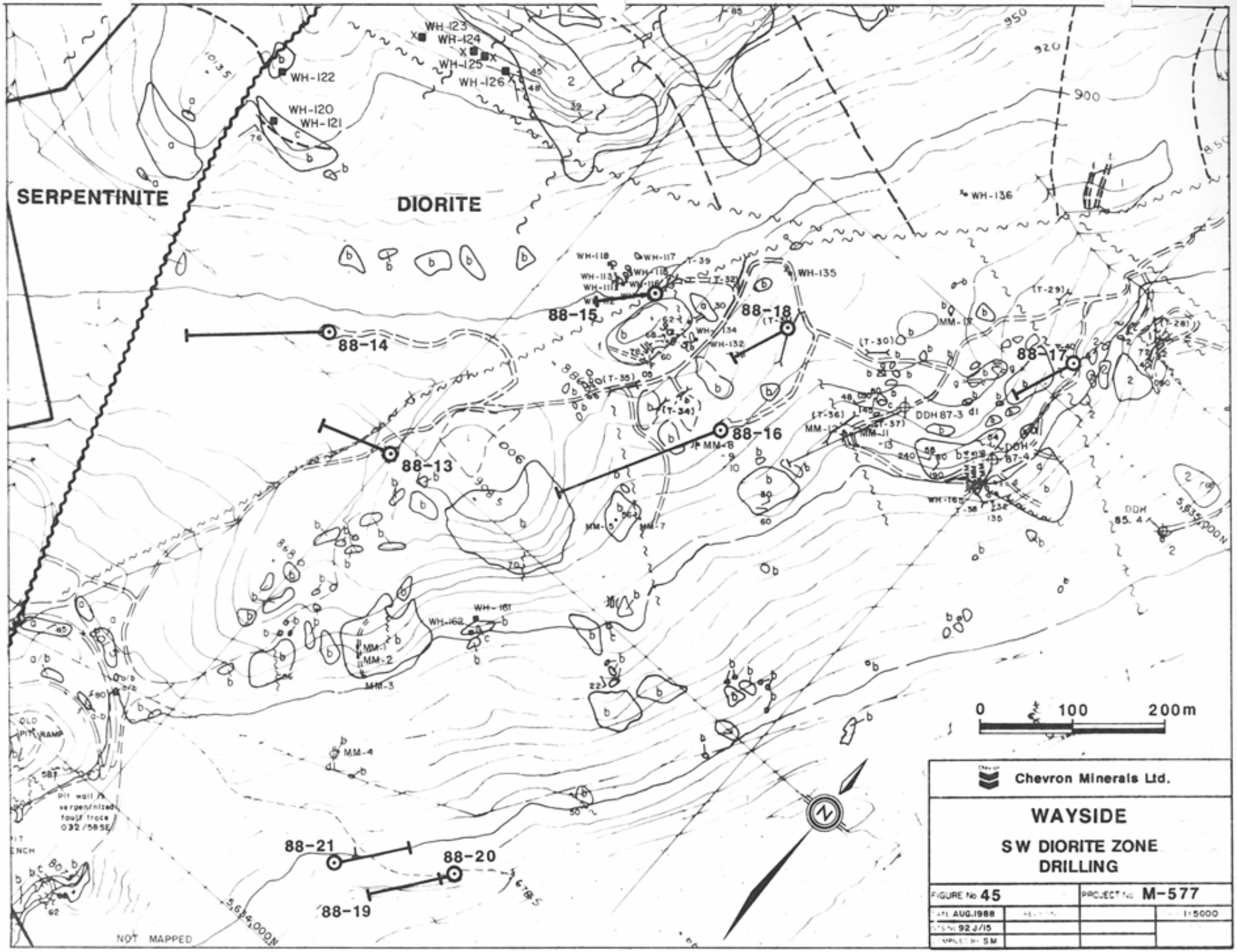
Drill hole WS880012 was collared at the west end of trench 88-T-47, 35 metres northeast of hole WS870007 and was drilled to test the down dip extension of mineralization associated with a feldspar porphyry dyke intersected in hole WS870007. The highly altered, fractured and silicified feldspar porphyry dyke intersected in the 1987 hole ran 2.61 g/tonne Au over 0.68 metres (Dick et al, 1988). Hole WS880012 was drilled to a depth of 99.37 metres.

Highly sheared interbedded greywacke and siltstone occurs for the entire length of the hole from 3.35 to 99.37 metres (Figure 44). The only mineralization observed in hole WS880012 was a zone of quartz and calcite veining within siltstone at 87.70 to 99.37 metres. A 0.60 metre sample (79065) at the top of this zone at 87.78 to 88.38 metres yielded 1000 ppb Au. No feldspar porphyry dyke was intersected in this hole.

12.3 SW DIORITE ZONE DRILLING

The majority of the 1988 drilling was concentrated on the SW Diorite zone as this area was thought to have the potential to host an auriferous quartz vein system similar to that occurring on the Wayside Main zone. Nine holes totalling 1357.82 metres were drilled on the SW Diorite zone (Figure 45). These holes were drilled to test VLF anomalies representing conductors that were outlined during the 1987


0
50
100
150
200
Elevation (m)
930
880
830
780
730
680
630
580
99.37
WS880012.0
200.0
400.0
600.0
800.0
1000.0
AU PPB
1000 ppb Au
LEGEND
Quartz Vein
Dyke
Dyke: Porphyritic
Diorite
Granite
Greenstone
Gabbro
Serpentinite
Ultramafic
Chert
Siltstone
Greywacke
Missing Core
Fault Zone
Geological Contact
Chevron Minerals Ltd.
WAYSIDE PROPERTY
TRUE CROSS SECTION
WS880012
SCALE 1: 1000
M
OCT-6-88
CR12
M577
FIGURE No. 44
FILE No. G-34


SERPENTINITE
DIORITE
WH-122
WH-120
WH-121
WH-123
WH-124
WH-125
WH-126
WH-136
WH-135
WH-118
WH-117
WH-134
WH-132
88-14
88-15
88-16
88-17
88-18
88-13
88-21
88-20
88-19
DDH 87-3
DDH 87-4
DDH 85-4
MM-1
MM-2
MM-3
MM-4
MM-5
MM-6
MM-7
MM-8
WH-161
WH-162
WH-165
NOT MAPPED
0
100
200m
Chevron Minerals Ltd.
WAYSIDE
SW DIORITE ZONE
DRILLING
FIGURE No. 45
PROJECT No. M-577
DATE AUG.1988
1:5000
DRAWN 92 J/15
DRAWN BY SM

geophysical surveys. The 1987 drilling on this zone confirmed that these conductors represented faults.

12.3.1 Drill Hole WS880013

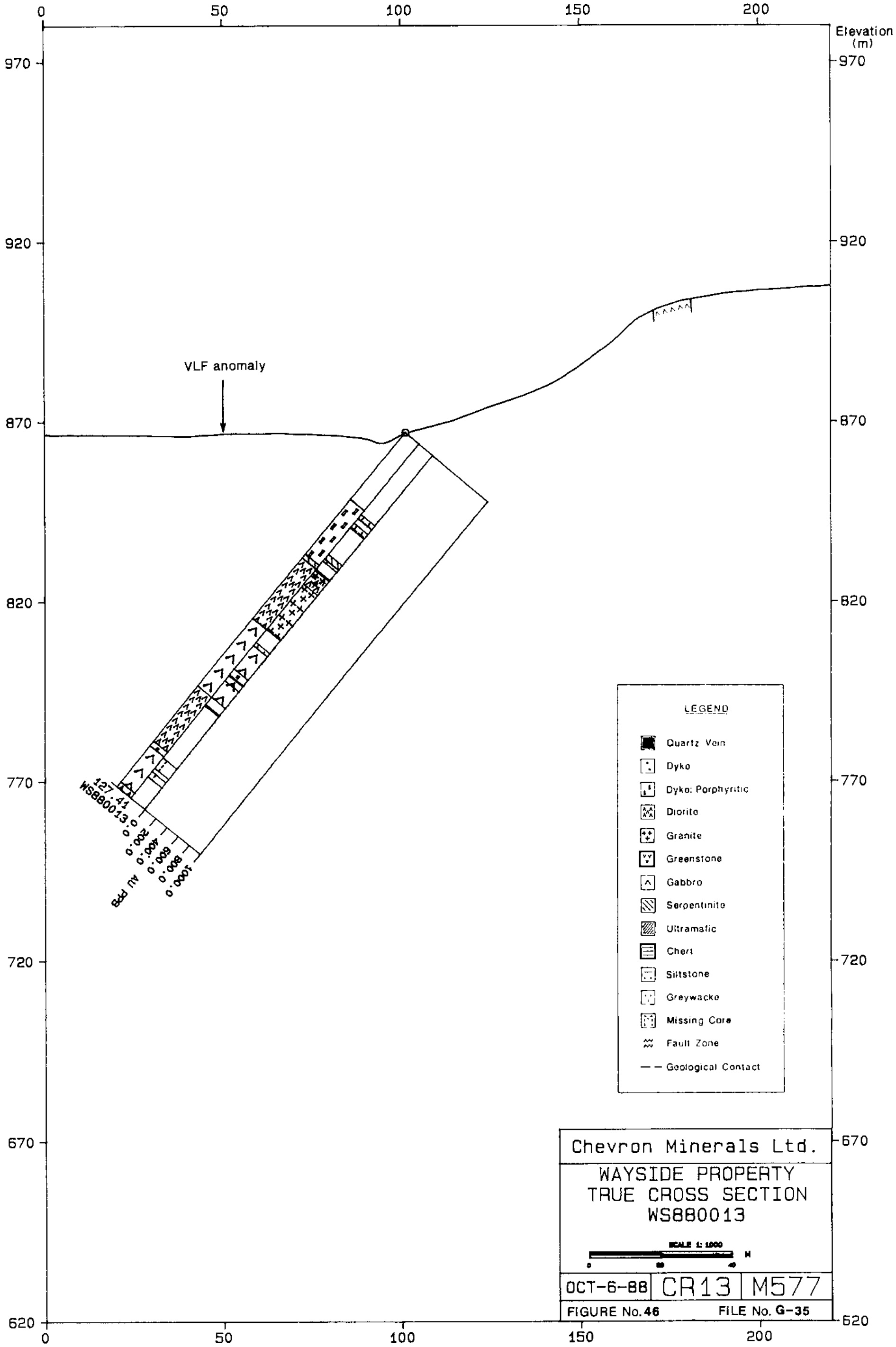
Drill hole WS880013 was collared 400 metres north of the quarry pits and was drilled to test a northwest trending VLF anomaly. This hole to a depth of 127.41 metres.

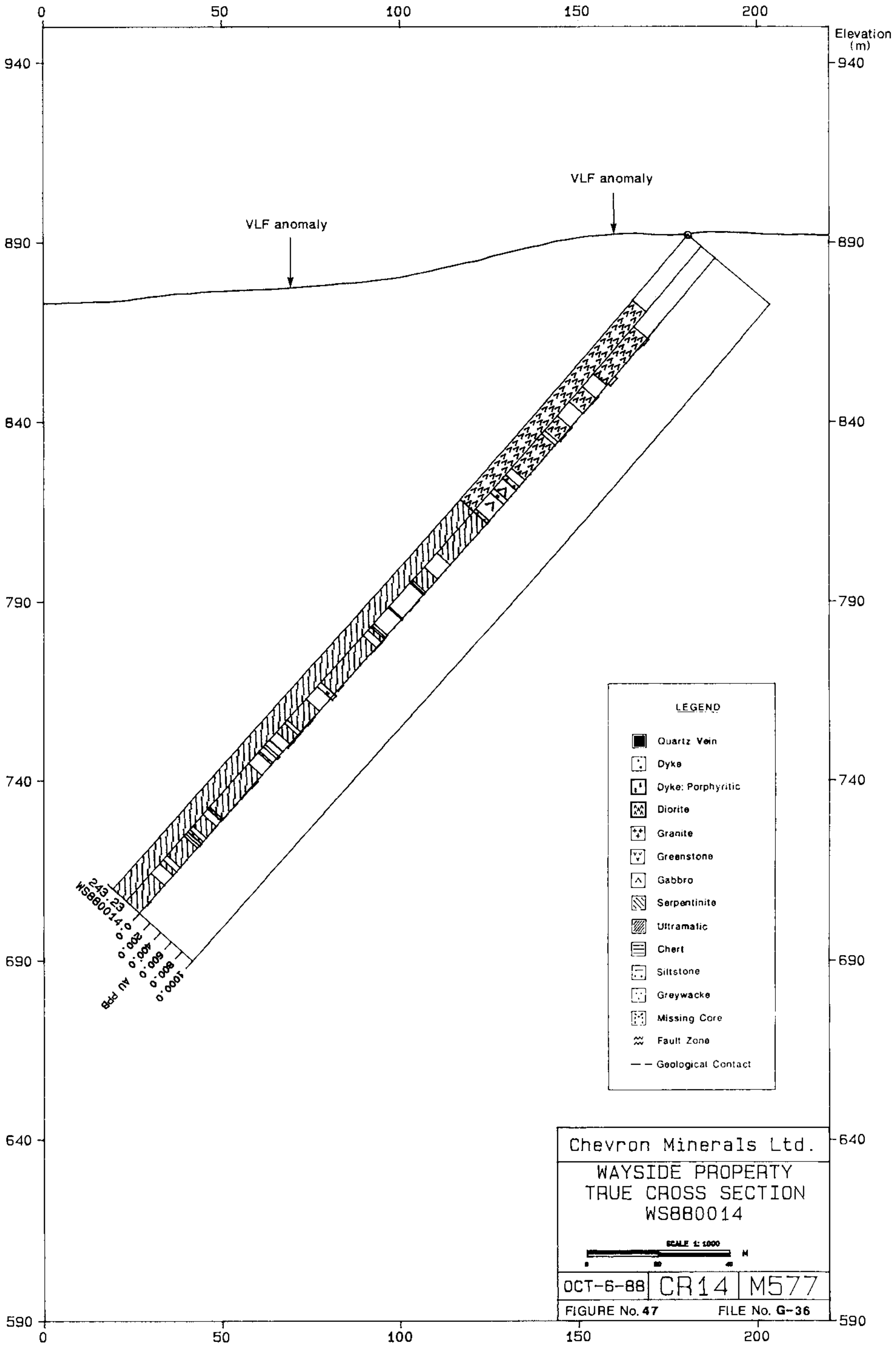
The interval from 24.08 to 43.85 metres consist of highly fractured feldspar porphyry dykes and minor granite cut by small fault bounded slivers of serpentinite (Figure 46). The remainder of the hole is highly faulted and fractured diorite and gabbro with serpentinite slivers and minor dykes. The intervals from 113.08 to 116.74 metres and 117.96 to 119.79 metres were triconed to get through a major fault zone. This hole was shut down at 127.41 metres due to deteriorating drill conditions. No anomalous gold values were obtained from this hole.

12.3.2 Drill Hole WS880014

Drill hole WS880014 was collared 100 metres northeast of hole WS880013 and was drilled to test a strong VLF anomaly to a total depth of 243.23 metres (Figure 47).

Diorite cut by up to 1% quartz veins was intersected from 23.93 to 97.35 metres. Zones of shearing are found throughout this interval and a maximum gold value of 45 ppb over 2.74 metres was returned from sample 79121 in this interval. The serpentinite occurring from 97.35 to 243.25 metres is cut in


0
50
100
150
200
Elevation (m)
970
920
870
820
770
720
670
620
VLF anomaly
127.41
WS880013.0
0.0
200.0
400.0
600.0
800.0
1000.0
Au ppb
LEGEND
Quartz Vein
Dyke
Dyke: Porphyritic
Diorite
Granite
Greenstone
Gabbro
Serpentinite
Ultramafic
Chert
Siltstone
Greywacke
Missing Core
Fault Zone
Geological Contact
Chevron Minerals Ltd.
WAYSIDE PROPERTY
TRUE CROSS SECTION
WS880013
SCALE 1: 1000
M
OCT-6-88
CR13
M577
FIGURE No. 46
FILE No. G-35


0
50
100
150
200
Elevation (m)
940
890
840
790
740
690
640
590
VLF anomaly
VLF anomaly
243.23
WS880014.0
200.0
400.0
600.0
800.0
1000.0
AU PPB
LEGEND
Quartz Vein
Dyke
Dyke: Porphyritic
Diorite
Granite
Greenstone
Gabbro
Serpentinite
Ultramafic
Chert
Siltstone
Greywacke
Missing Core
Fault Zone
Geological Contact
Chevron Minerals Ltd.
WAYSIDE PROPERTY
TRUE CROSS SECTION
WS880014
SCALE 1: 1000
OCT-6-88
CR14
M577
FIGURE No. 47
FILE No. G-36

places by feldspar porphyry dykes. A 1.55 metre sample (79166) of bleached feldspar porphyry dyke returned 35 ppb Au. No other anomalous assays were obtained from this hole.

12.3.3 Drill Hole WS880015

Drill hole WS880015, collared 350 metres northeast of hole WS880014, was drilled to test a strong VLF anomaly to a total depth of 103.33 metres (Figure 48).

Highly faulted and locally sheared serpentinite occurs from 7.70 to 99.33 metres with a zone of bleached and clay altered gabbro at 10.67 to 17.50 metres. Siltstone occurs at 99.33 to 103.33 metres and the contact zone with the overlying serpentinite is sheared, gouged and contains trace of fine sulphides. Sample 79199 returned a value of 40 ppb Au over 2.80 metres which was the highest gold value in this hole.

12.3.4 Drill Hole WS880016

Drill hole WS880016, collared 150 metres southeast of hole WS880015, was drilled to test a magnetometer low flanked by a VLF anomaly. This magnetometer response was thought to represent a zone of extensive carbonate alteration within the diorite. The hole was drilled to a total depth of 293.22 metres (Figure 49).

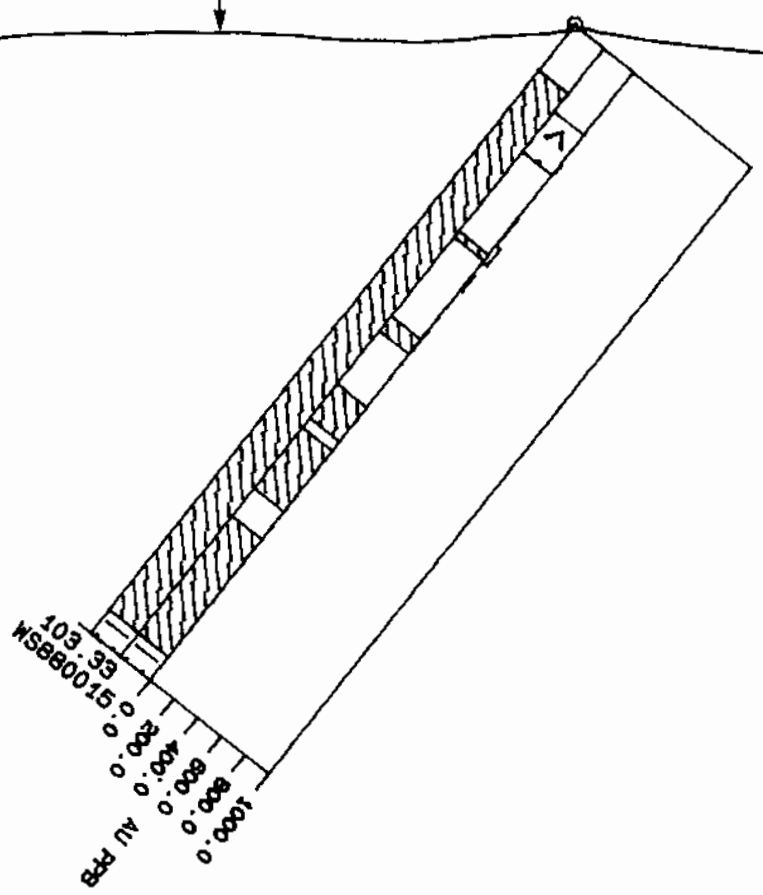
Diorite with zones of granite occurs from 4.57 to 293.22 metres and in many places is locally bleached and cut by minor quartz stringers. A highly bleached feldspar porhyry dyke occurs at 141.10 to 159.34 metres. Quartz veinlets up to a maximum of 5 cm were interested throughout the hole. A maximum value

0 50 100 150 200

Elevation (m)

1020 970 920 870 820 770 720 670

VLF anomaly



LEGEND

- Quartz Vein
- Dyke
- Dyke: Porphyritic
- Diorite
- Granite
- Greenstone
- Gabbro
- Serpentinite
- Ultramafic
- Chert
- Siltstone
- Greywacke
- Missing Core
- Fault Zone
- Geological Contact

Chevron Minerals Ltd.

WAYSIDE PROPERTY
TRUE CROSS SECTION
WS880015

SCALE 1: 1000

OCT-6-88	CR15	M577

FIGURE No. 48 FILE No. G-37

0 50 100 150 200

Elevation (m)

870 820 770 720 670 620 570 520

Magnetometer Low

293.22
WS880016.0
200.0
400.0
600.0
800.0
1000.0
Au PPB

LEGEND

- Quartz Vein
- Dyke
- Dyke: Porphyritic
- Diorite
- Granite
- Greenstone
- Gabbro
- Serpentinite
- Ultramafic
- Chert
- Siltstone
- Greywacke
- Missing Core
- Fault Zone
- Geological Contact

Chevron Minerals Ltd.

WAYSIDE PROPERTY
TRUE CROSS SECTION
WS880016

SCALE 1: 1000

OCT-6-88	CR16	M577
FIGURE No. 49		FILE No. G-38

of 70 ppb Au was returned from a 2 metre wide sample (79293) of feldspar porphyry dyke at 153.00 to 155.00 metres.

12.3.5 Drill Hole WS880017

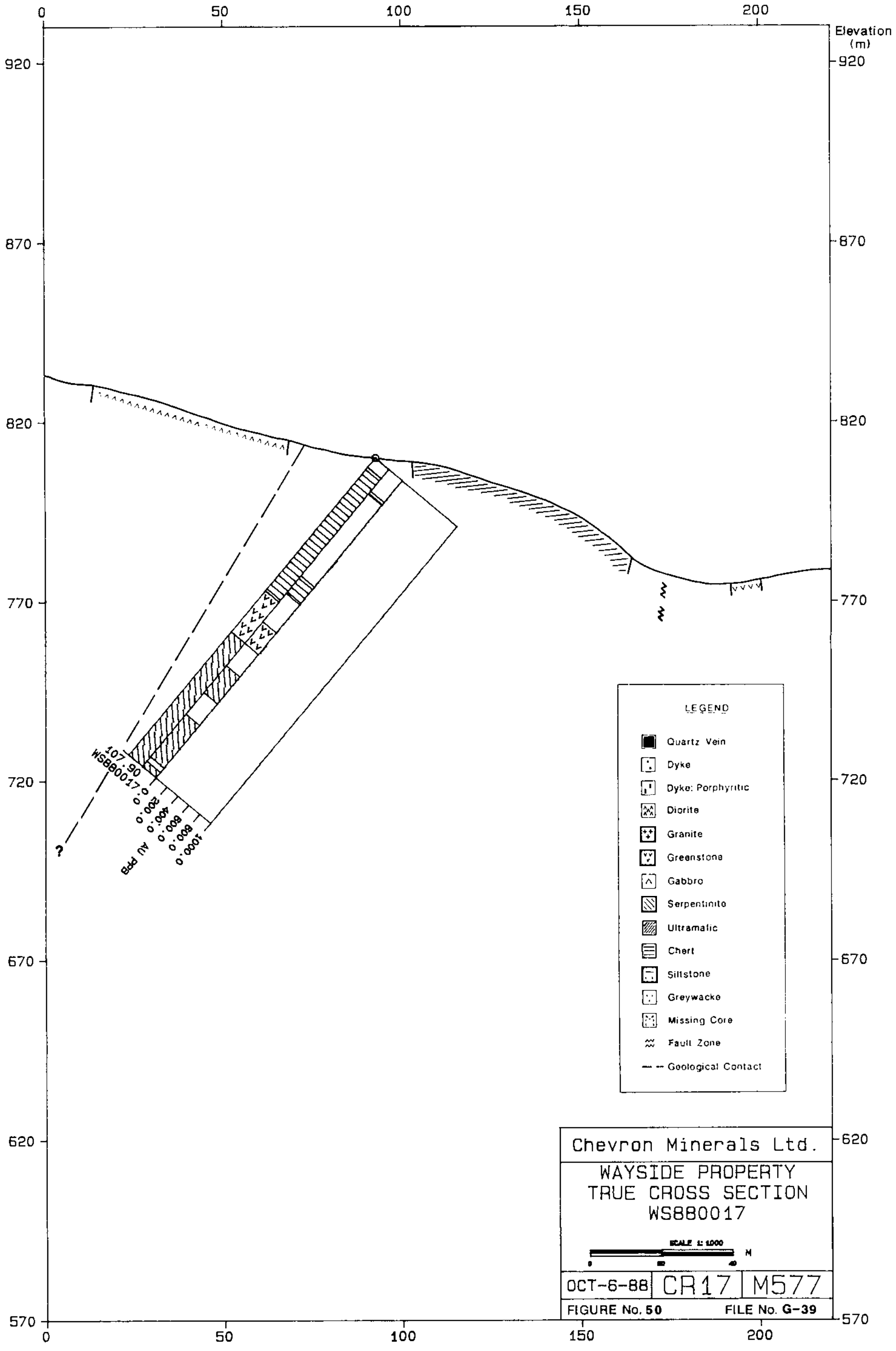
Drill hole 88-17 was collared 400 metres northeast of hole 88-16 and was drilled to test a VLF anomaly that coincides with the northeastern contact of the SW Diorite. Chert with greenstone occurs to a depth of 63.13 metres. Serpentinite was intersected to the end of the hole at 107.90 metres. The chert-diorite contact was not penetrated and must dip shallowly to the west. No anomalous values were returned from this hole.

Drill hole WS880017, collared 400 metres northeast of hole WS880016, was drilled to test the strong VLF anomaly that marks the northeast contact of the SW Diorite zone with the adjacent chert to a total depth of 107.90 metres (Figure 50).

Chert occurs from 3.35 to 48.18 metres and a zone of sheared greenstone was intersected at 48.18 to 63.13 metres. The hole ends in serpentinite that extends from 63.13 to 107.90 metres. The diorite-chert contact was not intersected and must dip to the west. No gold values greater than 10 ppb were returned from this hole.

12.3.6 Drill Hole WS880018

Drill hole WS880018, collared 140 metres north of WS880016, was drilled to test a strong VLF anomaly that converses with a major northeast trending fault. This hole was drilled to a total depth of 102.41 metres (Figure 51).


0
50
100
150
200
Elevation (m)
920
870
820
770
720
670
620
570
107.90
WS880017.0
200.0
400.0
600.0
800.0
1000.0
AU PPB
?
LEGEND
Quartz Vein
Dyke
Dyke: Porphyritic
Diorite
Granite
Greenstone
Gabbro
Serpentinite
Ultramafic
Chert
Siltstone
Greywacke
Missing Core
Fault Zone
Geological Contact
Chevron Minerals Ltd.
WAYSIDE PROPERTY
TRUE CROSS SECTION
WS880017
SCALE 1: 1000
M
OCT-6-88
CR17
M577
FIGURE No. 50
FILE No. G-39

0 50 100 150 200

Elevation (m)

980 930 880 830 780 730 680 630

VLF anomaly

?

102.41
WS880018.0
200.0
400.0
600.0
800.0
1000.0
Au PPB

LEGEND

- Quartz Vein
- Dyke
- Dyke: Porphyritic
- Diorite
- Granite
- Greenstone
- Gabbro
- Serpentinite
- Ultramafic
- Chert
- Siltstone
- Greywacke
- Missing Core
- Fault Zone
- Geological Contact

Chevron Minerals Ltd.

WAYSIDE PROPERTY
TRUE CROSS SECTION
WS880018

SCALE 1: 1000

OCT-6-88	CR18	M577

FIGURE No. 51 FILE No. G-40

Diorite with abundant disseminated pyrite was intersected at 9.75 to 28.97 metres. Chert with minor zones of siltstone occurs from 28.97 to 102.41 metres and is cut by an undifferentiated dyke with a well-developed fault zone at the hangingwall contact at 47.50 to 54.24 metres. No anomalous gold values were returned from this hole.

12.3.7 Drill Hole WS880019

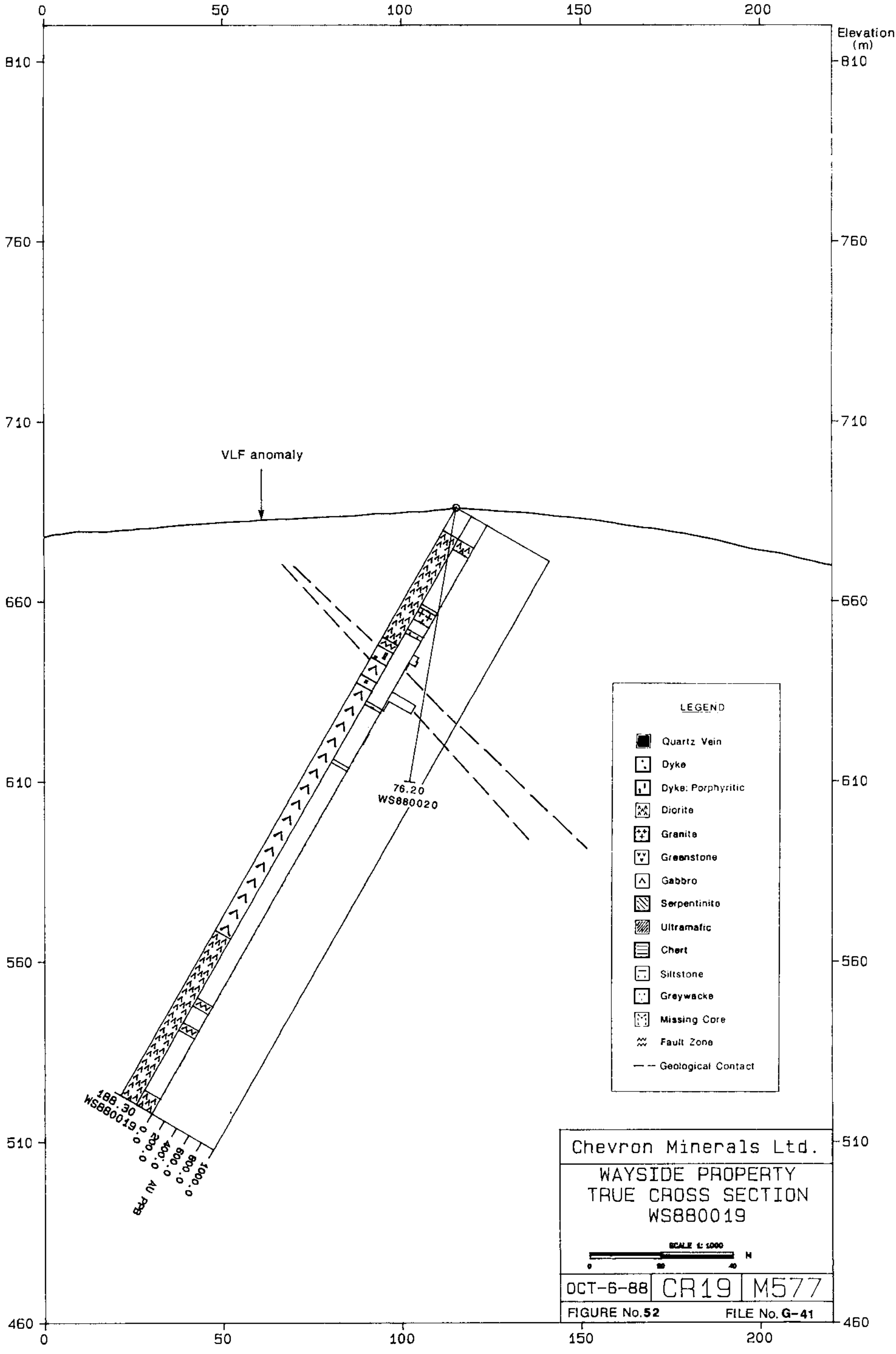
Drill hole WS880019, collared 470 metres southeast of WS880013, was drilled to test a strong VLF anomaly to a total depth of 196.60 metres (Figure 52).

Diorite occurs throughout the hole and is cut by gabbro at 47.90 to 53.34 metres and 56.00 to 115.21 metres as well as by narrow feldspar porphyry dykes. A fault zone with minor mariposite and abundant quartz stringers was intersected at 41.47 to 44.00 metres and returned 85 and 105 ppb Au from samples 79497 and 79498, respectively. A 2.66 metre wide highly sheared felsic dyke returned 380 ppb Au from sample 79503 at 53.44 to 56.00 metres.

12.3.8 Drill Hole WS880020

Drill Hole WS880020, collared 470 metres southeast of WS880013 at the same site as WS880019, was drilled to a total depth of 76.20 metres to test the down dip extension of the altered quartz-mariposite rich zone intersected in hole WS880019 (Figure 53).

Diorite occurs from 7.32 to 51.05 metres. A feldspar porphyry dyke with some quartz veining and minor mariposite occurs at 51.05 to 58.83 metre. The hole ends in gabbro that extends from 58.83 to 76.20 metres. The continuation of the quartz-mariposite zone was not intersected, but the feldspar porphyry


0
50
100
150
200
Elevation (m)
810
760
710
660
610
560
510
460
VLF anomaly
76.20
WS880020
188.30
WS880019.0
200.0
400.0
600.0
800.0
1000.0
AU PPB
LEGEND
Quartz Vein
Dyke
Dyke: Porphyritic
Diorite
Granite
Greenstone
Gabbro
Serpentinite
Ultramafic
Chert
Siltstone
Greywacke
Missing Core
Fault Zone
Geological Contact
Chevron Minerals Ltd.
WAYSIDE PROPERTY
TRUE CROSS SECTION
WS880019
SCALE 1: 1000
OCT-6-88
CR19
M577
FIGURE No. 52
FILE No. G-41

0 50 100 150 200

Elevation (m)

810 760 710 660 610 560 510 460

VLF anomaly

76.20
WS880020

188.30
WS880019

0.0 200.0 400.0 600.0 800.0 1000.0

AU PPB

LEGEND

- Quartz Vein
- Dyke
- Dyke: Porphyritic
- Diorite
- Granite
- Greenstone
- Gabbro
- Serpentinite
- Ultramafic
- Chert
- Siltstone
- Greywacke
- Missing Core
- Fault Zone
- Geological Contact

Chevron Minerals Ltd.

WAYSIDE PROPERTY
TRUE CROSS SECTION
WS880020

SCALE 1: 1000

OCT-6-88	CR20	M577

FIGURE No. 53 FILE No. G-42

dyke returned anomalous gold values of 110 and 90 ppb Au from samples 79577 and 79579, respectively.

12.3.9 Drill Hole WS880021

Drill hole WS880021 was collared 120 metres southwest of holes WS880019 and WS880020 and was drilled to test a strong northwest trending VLF anomaly. The hole was drilled to a total depth of 115.82 metres (Figure 54).

Diorite that is quite variable in texture was cored from 12.19 to the end of the hole at 115.82 metres. Two strongly sheared fault zones with abundant massive white quartz veins extend from 49.50 to 4980 metres. Quartz veinlets up to 1 cm in width occur throughout the diorite. A section of vuggy quartz veins was found from 45.25 to 56.29 metres. A maximum gold value of 20 ppb was returned for this hole.

13.0 CONCLUSIONS

1. The southeastern part of the Wayside property is mainly underlain by Paleozoic(?) greenstone and chert and lesser Mesozoic(?) argillite, sandstone, limestone and conglomerate and feldspar porphyry, all overlain by glacial drift and Recent volcanic ash.

2. The chert is folded, the greenstone is locally foliated and the contact between the two units is faulted (striking N-S with a steep westerly dip). The other sediments are also deformed but not as metamorphosed as the chert and greenstone units.

0 50 100 150 200

Elevation (m)

760 760

VLF anomaly

710 710

660 660

610 610

560 560

510 510

460 460

410 410

0 50 100 150 200

1000.0
800.0
600.0
400.0
200.0
AU PPB

115.B2
WSB80021.0

LEGEND

- Quartz Vein
- Dyke
- Dyke: Porphyritic
- Diorite
- Granite
- Greenstone
- Gabbro
- Serpentinite
- Ultramafic
- Chert
- Siltstone
- Greywacke
- Missing Core
- Fault Zone
- Geological Contact

Chevron Minerals Ltd.

TRUE CROSS SECTION
WS880021

SCALE 1: 1000

OCT-13-88	CR21	M577
FIGURE No. 54		FILE No. G-43

3. Alteration consists of quartz veining in the chert, calcite and lesser quartz veining in the greenstone and minor carbonate-alteration.

4. No mineralization was noted, other than very minor pyrite in the greenstone and feldspar porphyry on the South Side.

5. An east-west grid of 29 line km (31 lines from 525 m to 1225 m in length) was established on the South Side zone and a VLF-EM 16 survey was performed on the entire grid.

6. An east-west grid of 3.5 line km was established on the Two Bob zone and a VLF-EM 16 survey was conducted on the grid.

7. Three contour lines totalling 2.4 km were established on the SW Diorite zone and a VLF-EM 16 survey was conducted on these.

8. Twenty-four rock samples were collected for lithogeochemical analysis (Au and 32-element ICP) from the South Side.

9. Limited soil sampling in 1987 indicated slightly elevated gold, silver and arsenic values associated with all types of bedrock and possibly a greater correlation with the contact areas and the feldspar porphyry.

10. Based on geological evidence collected so far, the southeast part of the Wayside property has only limited potential for hosting gold mineralization. Important features present at nearby past producers such as the Bralorne-

Pioneer and Wayside Mines are missing from this area. These features include: diorite; extensive quartz veining and iron carbonate alteration; serpentinite association; major local shear zones; sulphide visible gold and/or scheelite mineralization.

11. Geological mapping was conducted on the Paxton, No. 0, No. 2M, No. 3, No. 4, No. 4W and No. 5 levels of the Wayside underground workings.

12. A total of 64 rock chip samples were collected from quartz veins and shear zones in the Wayside underground workings.

13. The best gold value from the underground sampling program was 21.10 g/tonne over 10 cm from the Notman vein on the No. 5 level.

14. Ten backhoe trenches for a total length of 355 metres were completed on the Main, Two Bob and SW Diorite zones.

15. A total of 67 rock chip samples were collected from Wayside trenches.

16. Thirteen NQ diamond drill holes for a total length of 203.86 metres were completed.

17. The best diamond drill intersection of 2.093 g/tonne Au over 3.92 metres was from a zone of albitized and quartz veined granite within hole WS880009.

14.0 RECOMMENDATIONS

1. Further exploration on the southeast part of the Wayside property is not recommended based on results to date.

2. Follow-up VLF-EM anomalies in covered areas on the South Side with local soil sampling surveys (provided the soils are taken sufficiently below the Bridge River ash), prospecting and backhoe trenching if overburden conditions permit.

3. Lithogeochemical anomalies on the South Side may be followed by further geological mapping and sampling. However, it is our opinion that alteration observed in the rocks is limited in extent and probably not host to significant mineralization.

4. Detailed 1:1,000 scale geological mapping and geochemical soil sampling on the Two Bob zone is warranted to further delineate the mineralization associated with quartz-bearing shear zones adjacent feldspar porphyry dykes. Pending results of this work backhoe trenching may be justified.

5. A comprehensive underground mapping and sampling program is needed to understand the mineralization and associated alteration of the Wayside zone.

6. Further diamond drilling, possibly from underground, on the Wayside Main zone is warranted to test the following: the Notman vein both at depth below the No. 5 level and at the Notman - Main vein intersection, and the Main vein at depth and along strike at depth below the No. 9 level.

7. Rehabilitate the underground workings, particularly on the No. 4 level, to facilitate geological mapping and testing of the Main vein on these northernmost workings.

15.0 REFERENCES

Arik, H., 1984, 1984 Assessment Report - Diamond Drill Program, Wayside Group, Lillooet M.D., British Columbia.

Beacon Hill Consultants Ltd., 1986, Compilation of Exploration Data, Wayside Deposit near Goldbridge, B.C. for Amazon Petroleum Inc., 48 p.

Cairnes, C.E., 1937, Geology and Mineral Deposits of Bridge River Mining Camp, British Columbia. Geological Survey of Canada, Memoir 213.

Church, N., and McLean, M., 1987, Geology of the Gold Bridge area (92J/15W), B.C. Geological Survey, Open File Map 1987-11 (1:20,000).

Church, N., McLean, M., Gaba, Hanna, and James, 1988, Geology of the Bralorne Map Area (92J/15), B.C. Geological Survey, Open File Map 1988-3 (1:50,000).

Dick, L.A., Howell, W., Moffat, L., and McPherson, M., 1988, Assessment Report, Physical, Geological, Geophysical, Geochemical and Diamond Drilling Work, Wayside Group, for Chevron Canada Resources Limited, January 1987.

Elwell, J.P., 1980, Report on the Exploration of the Wayside Property, Goldbridge Area, British Columbia for Carpenter Lake Resources, Lillooet, B. C.

Elwell, J.P., 1982, Exploration Program for the Wayside Mine Property, Gold Bridge Area, Lillooet M.D., British Columbia for Carpenter Lake Resources, Vancouver, B. C., 10 p.

Elwell, J.P., 1983, Exploration Program for the Wayside Mine Property, Gold Bridge Area, Lillooet Mining Division, British Columbia.

Kelly, S.F., 1972, Report to Dawson Range Mines Ltd. (N.P.L.), Lillooet, B.C. on the Wayside Mine Property Near Gold Bridge, British Columbia, 43 p.

Lammle, C.A.R., 1974, Preliminary Geological Report, Wayside Mine Property, Lillooet, M.D., British Columbia for Dawson Range Mines Ltd. (N.P.L.).

McCann, W.S., 1922, Geology and Mineral Deposits of the Bridge River Map-area, British Columbia. Geological Survey of Canada, Memoir 130.

Ostensoe, E., 1984, Report of Diamond Drilling of Commodore Vein; Wayside, et al. Claims, Lillooet Mining Division, British Columbia.

Sookochoff, L., 1984, Summary Report with Recommendations for Amazon Petroleum Corporation Ltd. on the Wayside Property, Lillooet, M.D., 14 p.

Stevenson, J.S., 1952, Wayside - Unpublished Manuscript, BCDM Open Files.

Tolbert, R.S. and Stokes, W.P., 1986, Assessment Report on Geological Mapping Carried Out on the Lake #1-3, Lake #1-2 Frac. Mineral Claims, Lillooet Mining Division, British Columbia.

APPENDIX I

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Sandy G. McAllister, hereby certify that:

1. I am presently employed as a geologist by Chevron Minerals Ltd. at 1900 - 1055 West Hastings Street, Vancouver, B. C.

2. I graduated from Queen's University in Kingston, Ontario with a B.Sc. (Honours, Geological Sciences) in May 1981.

3. I have practiced geology for the past 7 years in B. C.

4. I am a member in good standing of the Society of Economic Geologists, a Fellow of the Geological Association of Canada and a Licensee of the Association of Professional Engineers, Geologists and Geophysists of Alberta.

5. The work outlined in this report was conducted under my supervision.

Dated the 17th day of October 1988

Sandy G. McAllister

a8/13

STATEMENT OF QUALIFICATIONS

1, Jennifer S. Getsinger, do hereby certify:

1. That I am an employee of Chevron Minerals Ltd. with offices at 1900 - 1055 West Hastings Street, Vancouver, B. C. V6E 2E9.

2. That I have studied geology at Harvard University (A.B. 1974), and have graduate degrees in geology from the University of Washington, Seattle (M.S. 1978), and from the University of British Columbia, Vancouver (Ph.D. 1985).

3. That I have practiced within the geological profession since 1974.

4. That I am a member in good standing of the Geological Association of Canada and the Geological Society of America.

5. That the opinions, conclusions and recommendations contained herein are based in part on geological fieldwork and research carried out by me, under the supervision of S. McAllister.

Dated 4th day of October 1988
Vancouver, B. C.

J. S. Getsinger
Jennifer S. Getsinger, Ph.D

a8/16

STATEMENT OF QUALIFICATIONS

I. David C. McHardy, hereby cetify that:

1. I am presently under contract as a geologist with Chevron Minerals Ltd. at 1900 - 1055 West Hastings Street, Vancouver B. C. V6E 2E9.

2. I graduated from the University of Western Ontario in London, Ontario with a B.Sc. (Honours, Geological Sciences) in June of 1988.

3. I have practiced geology for one field season in Ontario and one field season in the N.W.T.

4. I conducted some of the work outlined in this report.

Dated the 3rd day of October 1988 Signed _____
David C. McHardy

a8/12

APPENDIX II

COST STATEMENT

WAYSIDE 1988 COST STATEMENT

SALARIES

	Field	Office	Field Dates
L. Dick		30	
S. McAllister	41	40	Apr.19-22, May 16-June 13, June 30-Jul.7
	15		Jul.15-16, 20-22, Jul.30-Aug.4, Aug.11-14
	18		Aug.20-28, Sept.8-12, 19-20, Sept.29-Oct.1
T. Sandberg	4		Apr.19-22
R. Bruaset	46		Jul.4-Aug.18
H. Nielsen	12		June 1-12
J. Burgoyne	94	14	May 16-June 13, June 27-Aug.30
C. Blanchet	55		June 27-Aug.20
P. MacKenzie	12		Aug.11-22
R. Lefleur	11		Sept.8-18
B. Miller	11		Sept.8-18
T. Zanger	7		Sept.14-20
J. Getsinger	8	1	Sept.19-26
D. McHardy	8		Sept.19-26
K. Niggemann		13	
J. Donnelly		9	
	342	107	

449 days @ $222.77 $ 100,023.73

DISBURSEMENTS

Rocks (Au, Ag, Sb, As, Cu, Pb, Mo & Zn)		880 @ $23.25	20,460.00
Freight			405.90
Camp equipment, supplies & provisions			13,922.38
Fuel			2,181.69
Equipment repairs			1,200.89
Rent	4.5 months @ $450		2,025.00
Telephone			810.90
Power			131.19
Suburban	3.8 months @ $1100		4,180.00
Jimmy	1.9 months @ $800		1,520.00
VLF EM-16	81 days @ $13		1,053.00
Compaq portable II	4 months @ $500		2,000.00
Compaq 386	14 days @ $25		350.00
Plotter	17 days @ $20		340.00
Underground equipment rental			231.25
Thin sections and petrographic reports			375.25
Drafting	87 days @ 175		15,225.00
Michigan 125 A loader	12 hrs @ $78.25		939.00
D-7	3 hrs. @ $80		240.00
Cat 225	128 hrs @ $95		12,160.00
D-6	11.5 hrs @ $85		977.50
Lowbed	34 hrs @ $70		2,380.00
Diamond drilling	6837' @ 24.03		164,259.40
	TOTAL COST		$ 347,392.08

WAYSIDE 1988 DIAMOND DRILLING COSTS

MOBILIZATION			$4,000.00
DRILLING			
DDH 88-9	389 '	@ $17.50	6,807.50
	404 '	@ $18.00	7,272.00
	50 '	@ $18.50	925.00
	11 '	@ $19.00	209.00
DDH 88-10	290 '	@ $17.50	5,075.00
DDH 88-11	500 '	@ $17.50	8,750.00
	412 '	@ $18.00	7,416.00
DDH 88-12	326 '	@ $17.50	5,705.00
DDH 88-13	380 '	@ $17.50	6,650.00
	16 '	@ $18.00	288.00
DDH 88-14	480 '	@ $17.50	8,400.00
	318 '	@ $18.00	5,724.00
DDH 88-15	339 '	@ $17.50	5,932.50
DDH 88-16	500 '	@ $17.50	8,750.00
	462 '	@ $18.00	8,316.00
DDH 88-17	354 '	@ $17.50	6,195.00
DDH 88-18	336 '	@ $17.50	5,880.00
DDH 88-19	500 '	@ $17.50	8,750.00
	145 '	@ $18.00	2,610.00
DDH 88-20	250 '	@ $17.50	4,375.00
DDH 88-21	340 '	@ $17.50	5,950.00

DRILL MOVES AND SET UP			
DDH 88-9	20.5	hrs at operating rate @ $80	1,640.00
	15	hrs at non-operating rate @ $70	1,050.00
	40	man hrs @ $26	1,040.00
DDH 88-10	1	hrs at operating rate @ $80	80.00
	25.5	hrs at non-operating rate @ $70	1,785.00
	25	man hrs @ $26	650.00
DDH 88-11	2	hrs at operating rate @ $80	160.00
	24	hrs at non-operating rate @ $70	1,680.00
DDH 88-12	3	hrs at operating rate @ $80	240.00
	10	hrs at non-operating rate @ $70	700.00
DDH 88-13	42	hrs at operating rate @ $80	3,360.00
	19.5	hrs at non-operating rate @ $70	1,365.00
	24	man hrs @ $26	624.00
DDH 88-14	17	hrs at operating rate @ $80	1,320.00
	11	hrs at non-operating rate @ $70	770.00
	16	man hrs @ $26	416.00
DDH 88-15	3.75	hrs at operating rate @ $80	300.00
	6	hrs at non-operating rate @ $70	420.00
	8	man hrs @ $26	208.00

DRILL MOVES AND SET UP

DDH 88-16	4	hrs at operating rate @ $80	320.00
	10.5	hrs at non-operating rate @ $70	735.00
	4	man hrs @ $26	104.00
DDH 88-17	3.5	hrs at operating rate @ $80	280.00
	8	hrs at non-operating rate @ $70	560.00
DDH 88-18	2.5	hrs at operating rate @ $80	200.00
	7	hrs at non-operating rate @ $70	507.50
	9	man hrs @ $26	234.00
DDH 88-19	6	hrs at operating rate @ $80	480.00
	13	hrs at non-operating rate @ $70	910.00
	8	man hrs @ $26	208.00
DDH 88-20	6	hrs at operating rate @ $80	480.00
	13	hrs at non-operating rate @ $70	910.00
	8	man hrs @ $26	208.00
DDH 88-21	15	hrs at operating rate @ $80	1,200.00
	31.25	hrs at non-operating rate @ $70	2,187.50
	42	man hrs @ $26	1,092.00

OTHER

Core boxes, mud products, etc.		8,112.13
Bits, casing shoes, etc.		1,085.97
D-6 Cat	8 hrs @ $75	600.00
Travel time		2,057.30
	TOTAL DRILLING COSTS	$164,259.40

APPENDIX III

GEOCHEMICAL DATA

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To CHEVRON CANADA RESOURCES LTD.
INERALS STAFF
.900 - 1055 W. HASTINGS ST.
VANCOUVER, B.C.
V6E 2E9
Project : M577/
Comments: CC:/SANDY McALLISTER

Page No. : A
Tot. Pages :
Date : 6-OCT-88
Invoice # : I-8824546
P.O. # : 27101

CERTIFICATE OF ANALYSIS A8824546

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
J68N-001	212 238	< 5	3.28	< 0.2	< 5	160	< 0.5	< 2	6.60	< 0.5	31	386	95	4.65	< 10	< 1	0.08	< 10	4.48	1270
J68N-002	212 238	< 5	0.46	< 0.2	< 5	4100	< 0.5	< 2	12.80	< 0.5	5	20	18	1.69	30	< 1	0.16	< 10	0.28	409
J68N-003	212 238	< 5	0.47	< 0.2	< 5	330	< 0.5	< 2	0.79	< 0.5	3	21	30	1.78	< 10	< 1	0.17	10	0.21	205
J68N-004	212 238	< 5	0.83	0.8	5	620	< 0.5	4	>15.00	< 0.5	10	26	66	1.30	30	2	0.35	< 10	0.41	>10000
J68N-005	212 238	< 5	0.28	0.8	< 5	30	< 0.5	6	>15.00	< 0.5	3	13	75	0.92	30	< 1	0.03	< 10	0.77	1450
J68N-006	212 238	< 5	2.02	< 0.2	< 5	400	0.5	< 2	4.18	< 0.5	28	41	49	4.86	10	< 1	0.62	10	2.15	2150
J68N-007	212 238	< 5	0.23	0.2	10	210	< 0.5	< 2	0.11	< 0.5	2	17	25	1.99	< 10	< 1	0.14	10	0.05	63
J68N-008	212 238	< 5	3.04	< 0.2	5	90	< 0.5	< 2	0.43	< 0.5	5	48	24	4.74	< 10	< 1	0.19	10	1.40	305
J68N-009	212 238	< 5	3.50	< 0.2	5	50	< 0.5	6	1.48	< 0.5	19	37	20	6.01	< 10	< 1	0.13	10	1.87	722
J68N-010	212 238	< 5	0.70	1.0	< 5	50	< 0.5	10	>15.00	< 0.5	4	10	5	0.99	30	< 1	0.03	< 10	0.66	309
J68N-011	212 238	< 5	1.58	< 0.2	< 5	460	< 0.5	4	2.18	0.5	11	20	25	3.99	< 10	< 1	0.16	10	1.04	765
DMSW-001	212 238	< 5	2.28	< 0.2	10	440	< 0.5	4	4.21	< 0.5	21	70	33	2.78	< 10	< 1	0.75	< 10	2.24	690
DMSW-002	212 238	< 5	0.43	< 0.2	10	40	< 0.5	4	1.08	< 0.5	5	37	16	1.45	< 10	< 1	0.05	10	0.40	257
DMSW-003	212 238	< 5	0.39	< 0.2	10	120	< 0.5	4	0.08	< 0.5	4	25	20	1.42	< 10	< 1	0.15	10	0.20	1030
DMSW-004	212 238	< 5	1.18	< 0.2	5	40	< 0.5	8	4.92	< 0.5	13	51	38	2.26	10	< 1	0.02	< 10	0.80	660
DMSW-005	212 238	< 5	2.35	< 0.2	< 5	40	0.5	< 2	3.43	< 0.5	34	81	73	5.51	10	< 1	0.22	10	1.60	735
DMSW-006	212 238	< 5	1.90	< 0.2	< 5	20	< 0.5	2	5.14	< 0.5	10	31	12	3.51	10	< 1	0.08	< 10	1.17	765
DMSW-006 A	212 238	< 5	1.76	< 0.2	15	120	0.5	2	0.30	< 0.5	10	25	26	3.42	< 10	< 1	0.43	20	0.96	725
DMSW-007	212 238	< 5	1.20	< 0.2	< 5	90	< 0.5	< 2	0.35	< 0.5	9	36	31	2.77	< 10	< 1	0.17	10	0.87	592
DMSW-008	212 238	< 5	0.54	< 0.2	10	130	< 0.5	< 2	0.20	< 0.5	4	24	49	1.74	< 10	< 1	0.15	< 10	0.31	302
DMSW-009	212 238	< 5	0.40	0.6	10	1300	< 0.5	10	>15.00	< 0.5	6	11	33	0.95	40	< 1	0.15	< 10	0.36	141
DMSW-010	212 238	< 5	1.61	< 0.2	< 5	160	0.5	4	7.06	< 0.5	26	116	26	4.25	10	< 1	0.83	< 10	1.55	662
DMSW-011	212 238	< 5	2.77	< 0.2	10	60	< 0.5	< 2	2.02	< 0.5	31	141	30	4.54	< 10	< 1	0.18	10	2.85	763
DMSW-012	212 238	< 5	4.30	< 0.2	< 5	60	0.5	< 2	1.87	< 0.5	35	82	38	5.05	< 10	< 1	0.28	10	3.88	989

CERTIFICATION : B. Caughlin

Chemex Labs Ltd.
Analytical Chemists • Geochemists • Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: CHEVRON CANADA RESOURCES LTD.
MINERALS STAFF
1900 - 1055 W. HASTINGS ST.
VANCOUVER, B.C.
V6E 2E9
Project : M577
Comments: CC: SANDY McALLISTER

Date : 6-OCT-88
Invoice # : I-8824546
P.O. # : 27101

CERTIFICATE OF ANALYSIS A8824546

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
J68N-001	212	238	< 1	0.08	178	1110	< 2	< 5	16	243	0.61	< 10	< 10	125	15	65
J68N-002	212	238	< 1	0.02	15	420	< 2	5	1	1155	0.08	< 10	< 10	14	< 5	16
J68N-003	212	238	1	0.01	17	250	< 2	< 5	1	72	0.07	< 10	< 10	10	< 5	40
J68N-004	212	238	< 1	0.06	14	610	< 2	< 5	2	1025	0.20	< 10	< 10	13	< 5	15
J68N-005	212	238	< 1	< 0.01	13	310	< 2	5	3	792	< 0.01	< 10	< 10	11	< 5	7
J68N-006	212	238	< 1	0.03	37	1710	< 2	< 5	22	165	0.02	< 10	< 10	80	< 5	62
J68N-007	212	238	2	< 0.01	21	130	4	< 5	1	16	< 0.01	< 10	< 10	4	< 5	13
J68N-008	212	238	< 1	0.06	25	490	10	< 5	7	19	0.38	< 10	< 10	58	< 5	62
J68N-009	212	238	< 1	0.08	24	170	14	< 5	15	39	0.01	< 10	< 10	148	< 5	90
J68N-010	212	238	< 1	0.02	5	320	< 2	< 5	4	356	0.01	< 10	< 10	23	< 5	17
J68N-011	212	238	< 1	0.05	15	670	< 2	< 5	8	168	0.34	< 10	< 10	48	5	82
DMSW-001	212	238	< 1	0.04	64	1120	8	< 5	8	125	0.35	< 10	< 10	64	10	46
DMSW-002	212	238	1	0.02	26	230	6	< 5	2	44	0.11	< 10	< 10	17	5	18
DMSW-003	212	238	1	< 0.01	33	270	10	< 5	1	5	0.01	< 10	< 10	2	< 5	31
DMSW-004	212	238	< 1	0.04	43	840	< 2	< 5	3	186	0.01	< 10	< 10	26	< 5	36
DMSW-005	212	238	< 1	0.16	81	2570	8	< 5	13	174	0.02	< 10	< 10	74	5	112
DMSW-006	212	238	< 1	0.06	20	370	14	< 5	10	33	0.15	< 10	< 10	61	15	60
DMSW-006 A	212	238	< 1	< 0.01	36	580	12	< 5	4	8	< 0.01	< 10	< 10	26	< 5	68
DMSW-007	212	238	< 1	0.02	35	170	12	< 5	3	12	0.01	< 10	< 10	32	< 5	56
DMSW-008	212	238	< 1	< 0.01	26	90	18	< 5	1	8	0.04	< 10	< 10	8	< 5	25
DMSW-009	212	238	< 1	0.01	38	310	8	< 5	2	708	0.03	< 10	< 10	7	5	22
DMSW-010	212	238	< 1	0.06	70	990	< 2	< 5	13	439	0.41	< 10	< 10	94	10	55
DMSW-011	212	238	< 1	0.04	97	1480	10	< 5	3	70	0.50	< 10	< 10	64	10	75
DMSW-012	212	238	< 1	0.03	58	1110	< 2	< 5	5	38	0.57	< 10	< 10	107	10	68

CERTIFICATION : B. Caughlin

Chemex Labs Ltd.
Analytical Chemists • Geochemists • Registered Assayers
212 BROOKSBANK AVE. NORTH VANCOUVER
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: CHEVRON CANADA RESOURCES LTD.
MINERALS STAFF
1900 - 1055 W. HASTINGS ST.
VANCOUVER, B.C.
V6E 2E9
Project : M5/7
Comments: CC: S. McALLISTER

Date : 27-SEP-88
Invoice # : I-8823730
P.O. # : 27064

CERTIFICATE OF ANALYSIS A8823730

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm		
79751 H	212	--	< 5	128	1	1	39	0.4	4	0.4		
79752 H	212	--	< 5	206	1	1	44	0.3	4	0.2		
79753 H	212	--	< 5	152	1	1	24	0.3	3	0.1		
79754 H	212	--	< 5	75	1	1	18	0.2	3	0.1		
79755 H	212	--	< 5	76	1	1	22	0.2	3	0.2		
79756 H	212	--	< 5	158	1	1	50	0.1	3	0.1		
79757 H	212	--	< 5	40	1	1	20	0.1	3	0.1		
79758 H	212	--	< 5	33	1	1	19	0.1	3	0.1		
79759 H	212	--	< 5	40	1	1	15	0.1	3	0.1		
79760 H	212	--	< 5	49	1	1	16	0.1	3	0.1		
79761 H	212	--	< 5	49	1	1	16	0.1	3	0.1		
79762 H	212	--	< 5	74	1	1	15	0.1	3	0.1		
79763 H	212	--	< 5	83	1	1	17	0.1	3	0.1		
79764 H	212	--	< 5	112	1	1	26	0.1	5	0.1		
79765 H	212	--	< 5	39	1	1	15	0.1	3	0.2		
79766 H	212	--	< 5	64	1	1	15	0.1	3	0.1		
79767 H	212	--	< 5	54	1	1	24	0.1	3	0.1		
79768 H	212	--	< 5	55	1	1	23	0.1	3	0.1		
79769 H	212	--	< 5	75	1	1	22	0.1	3	0.1		
79770 H	212	--	< 5	270	1	1	52	0.1	3	0.8		
79771 H	212	--	< 5	135	1	1	21	0.1	3	0.1		
79772 H	212	--	< 5	122	1	1	21	0.1	3	0.1		
79773 H	212	--	< 5	134	1	1	23	0.1	3	0.2		
79774 H	212	--	< 5	193	1	1	31	0.1	3	0.1		
79775 H	212	--	< 5	82	1	1	24	0.1	4	0.1		
79776 H	212	--	< 5	23	1	1	7	0.1	4	0.2		
79777 H	212	--	< 5	127	1	1	22	0.1	3	0.1		
79778 H	212	--	< 5	110	1	1	22	0.1	3	0.1		
79779 H	212	--	< 5	206	1	1	24	0.1	3	0.1		
79780 H	212	--	< 5	107	1	1	26	0.1	3	0.1		
79781 H	212	--	< 5	115	1	1	26	0.1	3	0.1		
79782 H	212	--	< 5	90	1	1	25	0.1	3	0.1		
79783 H	212	--	< 5	125	1	1	25	0.2	3	0.1		
79784 H	212	--	< 5	53	1	2	26	0.1	3	0.1		
79785 H	212	--	< 5	37	1	1	25	0.1	3	0.1		
79786 H	212	--	< 5	90	1	1	40	0.3	3	0.1		
79787 H	212	--	< 5	145	1	1	38	0.2	4	0.1		
79788 H	212	--	15	190	1	1	38	0.3	4	0.1		
79789 H	212	--	< 5	103	1	1	35	0.1	3	0.1		
79790 H	212	--	20	91	1	1	30	0.3	3	0.1		

CERTIFICATION : Stan Buchan

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To: CHEVRON CANADA RESOURCES LTD.
MINERALS STAFF
900 - 1055 W. HASTINGS ST.
VANCOUVER, B.C.
V6E 2E9

Project : M577
Comments: CC: S McALLISTER

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CERTIFICATE OF ANALYSIS A8823730

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm
79791 H	212	---	< 5	70	1	1	28	0.1	4	0.1
79792 H	212	---	< 5	92	1	1	27	0.2	4	0.1
79793 H	212	---	< 5	180	1	1	18	0.2	3	0.1
79794 H	212	---	< 5	178	1	1	24	0.3	3	0.1
79795 H	212	---	< 5	111	1	1	22	0.2	3	0.1
79796 H	212	---	< 5	80	1	1	27	0.1	3	0.1
79797 H	212	---	< 5	98	1	1	27	0.1	3	0.1
79798 H	212	---	< 5	114	1	1	27	0.2	3	0.1
79799 H	212	---	< 5	112	1	1	21	0.2	3	0.1
79800 H	212	---	< 5	110	1	1	24	0.1	3	0.1
79801 H	212	---	< 5	60	1	1	20	0.3	3	0.1
79802 H	212	---	< 5	63	2	1	20	0.2	3	0.1
79803 H	212	---	< 5	114	1	1	23	0.1	3	0.1
79804 H	212	---	< 5	70	1	1	18	0.1	30	0.1
79805 H	212	---	< 5	96	1	1	21	0.1	5	0.1
79806 H	212	---	< 5	72	1	1	22	0.1	3	0.1
79807 H	212	---	< 5	90	1	1	18	0.2	3	0.1
79808 H	212	---	< 5	72	1	1	21	0.1	4	0.1
79809 H	212	---	< 5	156	1	1	22	0.2	3	0.1
79810 H	212	---	< 5	155	1	1	20	0.1	4	0.1
79811 H	212	---	< 5	109	1	1	44	0.1	53	0.1

CERTIFICATION : Ian Bickler

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V6E 2E9
Project : M577
Comments: &C: S. McALLISTER

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CERTIFICATE OF ANALYSIS A8822030

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm
79511 H	212 --	< 5	98	1	1	26	0.1	7	0.1
79512 H	212 --	< 5	78	1	1	34	0.1	22	0.1
79513 H	212 --	< 5	100	1	1	28	0.1	9	0.1
79514 H	212 --	< 5	130	1	1	27	0.1	4	0.1
79515 H	212 --	< 5	99	1	1	29	0.1	3	0.1
79516 H	212 --	< 5	257	1	1	26	0.1	3	0.1
79517 H	212 --	< 5	103	1	1	36	0.1	3	0.1
79518 H	212 --	< 5	176	1	1	26	0.1	3	0.1
79519 H	212 --	< 5	553	1	1	36	0.1	3	0.1
79520 H	212 --	< 5	135	1	1	36	0.1	3	0.1
79521 H	212 --	< 5	130	1	1	35	0.1	3	0.1
79522 H	212 --	< 5	174	1	1	30	0.1	3	0.1
79523 H	212 --	< 5	80	1	1	31	0.1	3	0.1
79524 H	212 --	< 5	895	1	1	22	0.1	4	0.1
79525 H	212 --	< 5	103	1	26	23	0.1	3	4.0
79526 H	212 --	< 5	84	1	1	31	0.1	3	0.1
79527 H	212 --	< 5	93	1	1	32	0.1	3	0.1
79528 H	212 --	< 5	82	1	1	35	0.1	3	0.1
79529 H	212 --	< 5	94	1	1	32	0.1	3	0.1
79530 H	212 --	< 5	147	1	1	28	0.1	3	0.1
79531 H	212 --	< 5	112	1	1	24	0.1	4	0.1
79532 H	212 --	< 5	158	1	1	29	0.1	4	0.1
79533 H	212 --	< 5	26	1	1	19	0.1	4	0.1
79534 H	212 --	< 5	44	1	1	20	0.1	5	0.1
79535 H	212 --	< 5	39	1	1	16	0.1	3	0.1
79536 H	212 --	< 5	126	1	1	20	0.1	3	0.1
79537 H	212 --	< 5	60	1	1	20	0.1	3	0.1
79538 H	212 --	< 5	182	1	1	21	0.1	3	0.2
79539 H	212 --	< 5	277	1	1	25	0.1	3	0.1
79540 H	212 --	< 5	184	1	1	27	0.1	6	0.2
79541 H	212 --	< 5	122	1	1	21	0.1	6	0.1
79542 H	212 --	< 5	126	1	1	23	0.1	3	0.1
79543 H	212 --	< 5	114	1	1	25	0.1	3	0.1
79544 H	212 --	< 5	118	1	1	25	0.1	3	0.1
79545 H	212 --	< 5	110	1	1	21	0.1	3	0.1
79546 H	212 --	5	96	1	1	19	0.1	3	0.1
79547 H	212 --	< 5	110	1	1	22	0.1	3	0.1
79548 H	212 --	< 5	119	1	1	26	0.1	3	0.1
79549 H	212 --	< 5	160	1	1	22	0.1	3	0.1
79550 H	212 --	< 5	148	1	1	24	0.1	3	0.1

CERTIFICATION : Dan Buchler

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To: CHEVRON CANADA RESOURCES LTD.
MINERALS STAFF
2200 - 1055 W. HASTINGS ST.
VANCOUVER, B.C.
V6E 2E9
Project : M577
Comments: CC: S. McALLISTER

Date : 6-SEP-88
Invoice # : I-8822030
P.O. # : 27036

CERTIFICATE OF ANALYSIS A8822030

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm
79551 H	212 --	< 5	145	1	1	20	0.1	4	0.1
79552 H	212 --	< 5	94	1	1	20	0.1	3	0.1
79553 H	212 --	< 5	102	1	1	30	0.1	3	0.1
79560 H	212 --	< 5	153	1	1	55	0.1	3	0.1
79561 H	212 --	< 5	21	1	1	29	0.1	3	0.1
79562 H	212 --	< 5	32	1	1	33	0.1	4	0.1
79563 H	212 --	< 5	4	1	1	26	0.1	5	0.2
79564 H	212 --	< 5	2	1	1	19	0.1	7	0.2
79565 H	212 --	< 5	12	1	1	30	0.1	5	0.1
79566 H	212 --	< 5	19	1	1	27	0.1	4	0.1
79567 H	212 --	< 5	45	1	1	22	0.1	5	0.1
79568 H	212 --	< 5	52	1	1	22	0.1	4	0.2
79569 H	212 --	< 5	28	1	1	20	0.1	5	0.2
79570 H	212 --	< 5	107	1	118	25	0.1	6	18.8
79571 H	212 --	< 5	26	1	4	21	0.1	10	0.4
79572 H	212 --	< 5	11	1	1	18	0.1	6	1.0
79573 H	212 --	< 5	11	1	1	21	0.1	6	0.6
79574 H	212 --	< 5	56	1	1	22	0.1	6	0.2
79575 H	212 --	< 5	27	1	1	25	0.1	5	0.1
79576 H	212 --	< 5	66	1	1	45	0.1	9	0.6
79577 H	212 --	110	67	1	93	35	0.1	255	18.4
79578 H	212 --	10	126	1	1	61	0.1	365	2.0
79579 H	212 --	90	74	1	1	48	0.1	190	1.2
79580 H	212 --	< 5	150	1	1	38	0.1	69	0.8
79581 H	212 --	5	334	1	1	35	0.1	14	0.4
79582 H	212 --	10	379	1	1	41	0.1	24	0.2
79583 H	212 --	< 5	388	1	1	24	0.1	5	0.1
79584 H	212 --	< 5	142	1	1	18	0.1	6	0.1
79585 H	212 --	< 5	128	1	1	37	0.1	15	0.2
79586 H	212 --	< 5	136	1	1	30	0.1	11	0.1
79587 H	212 --	< 5	58	1	1	30	0.1	3	0.1
79588 H	212 --	< 5	129	1	1	25	0.1	3	0.1
79589 H	212 --	< 5	54	1	1	22	0.1	4	0.1

CERTIFICATION : Ian Bichler

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Project : M577
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CERTIFICATE OF ANALYSIS A8821126

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm		
79293 H	212	--	70	12	1	3	46	0.1	22	1.8		
79294 H	212	--	< 5	34	1	1	35	0.1	12	1.4		
79295 H	212	--	< 5	8	1	1	35	0.1	10	1.2		
79296 H	212	--	10	39	1	1	25	0.1	7	0.1		
79297 H	212	--	5	28	1	1	34	0.1	9	0.1		
79298 H	212	--	15	26	1	1	40	0.1	6	0.1		
79299 H	212	--	15	40	1	1	43	0.1	6	0.2		
79300 H	212	--	< 5	10	1	1	53	0.1	7	0.1		
79301 H	212	--	20	26	1	1	46	0.1	17	0.2		
79302 H	212	--	< 5	30	1	1	43	0.1	22	0.8		
79303 H	212	--	10	29	1	1	48	0.1	5	0.1		
79304 H	212	--	< 5	37	1	1	33	0.1	5	0.1		
79305 H	212	--	< 5	19	1	1	47	0.1	6	0.1		
79306 H	212	--	5	20	1	1	47	0.1	5	0.1		
79307 H	212	--	10	32	1	1	35	0.1	5	0.1		
79308 H	212	--	< 5	50	1	1	25	0.1	5	0.1		
79309 H	212	--	< 5	32	1	1	27	0.1	5	0.1		
79310 H	212	--	< 5	23	1	1	43	0.1	5	0.1		
79311 H	212	--	< 5	62	1	1	45	0.1	5	0.1		
79312 H	212	--	< 5	33	1	1	23	0.1	5	0.1		
79313 H	212	--	< 5	38	1	1	32	0.1	24	0.2		
79314 H	212	--	< 5	47	1	1	25	0.1	6	0.1		
79315 H	212	--	< 5	50	1	1	23	0.1	6	0.1		
79316 H	212	--	< 5	44	1	1	34	0.1	5	0.1		
79317 H	212	--	< 5	57	1	1	42	0.1	5	0.1		
79318 H	212	--	< 5	23	1	1	48	0.1	5	0.1		
79319 H	212	--	< 5	24	1	1	42	0.1	5	0.1		
79320 H	212	--	< 5	68	1	4	46	0.1	7	0.2		
79321 H	212	--	< 5	48	1	1	38	0.1	5	0.1		
79322 H	212	--	< 5	35	1	1	40	0.1	5	0.1		
79323 H	212	--	< 5	31	1	1	44	0.1	5	0.1		
79324 H	212	--	< 5	46	1	1	35	0.1	6	0.1		
79325 H	212	--	< 5	41	1	1	34	0.1	5	0.1		
79326 H	212	--	< 5	89	1	1	24	0.1	5	0.1		
79327 H	212	--	< 5	69	1	1	21	0.1	5	0.1		
79328 H	212	--	< 5	88	1	1	30	0.1	3	0.1		
79329 H	212	--	< 5	88	1	1	19	0.1	3	0.1		
79330 H	212	--	< 5	48	1	4	40	0.1	3	0.1		
79331 H	212	--	< 5	10	1	1	35	0.1	3	0.1		
79332 H	212	--	< 5	13	1	1	41	0.1	3	0.2		

CERTIFICATION : [signature]

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1900 - 1055 W. HASTINGS ST.
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Project : M577
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CERTIFICATE OF ANALYSIS A8821126

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm
79333 H	212	--	< 5	7	1	1	34	0.1	5	0.1
79334 H	212	--	< 5	69	1	1	32	0.1	3	0.1
79335 H	212	--	< 5	53	1	1	36	0.1	3	0.1
79336 H	212	--	< 5	38	1	1	43	0.1	3	0.1
79337 H	212	--	< 5	80	1	1	28	0.1	3	0.1
79338 H	212	--	< 5	84	2	1	25	0.1	3	0.1
79339 H	212	--	< 5	81	1	1	26	0.1	4	0.1
79340 H	212	--	< 5	66	1	4	26	0.1	4	0.2
79341 H	212	--	< 5	79	1	1	39	0.1	7	0.4
79342 H	212	--	< 5	20	2	1	49	0.1	5	0.6
79343 H	212	--	< 5	66	1	1	25	0.1	5	0.2
79344 H	212	--	< 5	14	1	1	36	0.1	4	0.2
79345 H	212	--	< 5	35	1	1	38	0.1	7	0.2
79346 H	212	--	< 5	40	1	1	36	0.1	16	0.8
79347 H	212	--	5	49	1	1	41	0.1	6	0.4
79348 H	212	--	25	45	1	1	35	0.1	10	0.4
79349 H	212	--	< 5	66	1	1	24	0.1	4	0.1
79350 H	212	--	< 5	47	1	1	23	0.1	4	0.1
79351 H	212	--	< 5	39	1	1	29	0.1	3	0.1
79352 H	212	--	< 5	61	1	1	33	0.1	3	0.1
79353 H	212	--	< 5	39	1	1	42	0.2	4	0.2
79354 H	212	--	< 5	75	1	1	28	0.2	4	0.1
79355 H	212	--	10	81	1	1	27	0.2	4	0.1
79356 H	212	--	< 5	62	1	1	25	0.2	4	0.2
79357 H	212	--	< 5	101	1	1	27	0.2	4	0.1
79358 H	212	--	< 5	76	1	1	75	0.2	4	0.1
79359 H	212	--	< 5	98	1	1	24	0.1	3	0.1
79360 H	212	--	< 5	58	1	1	20	0.1	3	0.1
79361 H	212	--	< 5	32	1	1	27	0.1	4	0.1
79454 H	212	--	< 5	62	1	3	66	0.1	17	0.2
79455 H	212	--	10	83	1	1	68	0.1	5	0.1
79456 H	212	--	5	53	2	1	121	0.2	4	0.2
79457 H	212	--	< 5	38	2	1	129	0.1	4	0.1
79458 H	212	--	5	54	2	1	99	0.1	4	0.1
79459 H	212	--	10	58	1	1	71	0.2	4	0.2
79460 H	212	--	< 5	63	2	1	103	0.2	4	0.1
79461 H	212	--	< 5	69	1	1	91	0.1	6	0.1
79462 H	212	--	15	60	2	1	96	0.2	6	0.8
79463 H	212	--	10	69	4	3	94	0.3	6	1.0
79464 H	212	--	< 5	62	2	1	87	0.2	5	0.4

CERTIFICATION :

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To: CHEVRON CANADA RESOURCES LTD.
MINERALS STAFF
900 - 1055 W. HASTINGS ST.
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Project : M577
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CERTIFICATE OF ANALYSIS A8821126

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm
79465 H	212	---	< 5	62	2	1	93	0.2	7	0.4
79466 H	212	---	< 5	59	3	1	85	0.3	6	0.2
79467 H	212	---	< 5	51	1	1	84	0.2	6	0.2
79468 H	212	---	< 5	75	1	1	100	0.3	5	0.4
79469 H	212	---	< 5	69	1	1	80	0.2	10	0.2
79470 H	212	---	< 5	54	7	1	81	0.2	5	0.2
79471 H	212	---	< 5	62	1	1	91	0.2	6	0.2
79472 H	212	---	< 5	64	5	4	138	0.2	5	0.4
79473 H	212	---	< 5	78	1	1	71	0.3	4	0.2
79474 H	212	---	< 5	81	4	1	142	0.2	9	1.0
79475 H	212	---	< 5	72	1	1	86	0.2	4	0.1
79476 H	212	---	10	76	4	2	108	0.3	6	0.1
79477 H	212	---	< 5	66	2	1	104	0.2	6	0.2
79478 H	212	---	< 5	57	3	1	95	0.2	6	0.1
79479 H	212	---	< 5	69	1	1	123	0.2	4	0.1
79485 H	212	---	< 5	33	1	1	51	0.2	5	0.2
79486 H	212	---	< 5	43	1	1	29	0.2	4	0.1
79487 H	212	---	< 5	89	1	1	27	0.1	4	0.1
79488 H	212	---	< 5	87	1	1	28	0.2	5	0.1
79489 H	212	---	< 5	52	1	1	29	0.1	5	0.2
79490 H	212	---	< 5	67	1	1	24	0.1	5	0.2
79491 H	212	---	< 5	31	1	1	30	0.2	5	0.4
79492 H	212	---	< 5	6	1	1	31	0.1	4	0.2
79493 H	212	---	< 5	13	1	1	30	0.1	4	0.2
79494 H	212	---	< 5	63	1	1	31	0.2	11	0.2
79495 H	212	---	< 5	29	1	1	35	0.2	7	0.1
79496 H	212	---	< 5	81	1	1	34	0.1	9	0.2
79497 H	212	---	85	48	1	1	45	0.1	180	1.0
79498 H	212	---	105	33	2	1	30	0.1	295	0.6
79499 H	212	---	10	113	1	1	37	0.1	50	0.4
79500 H	212	---	< 5	121	1	1	39	0.1	14	2.0
79501 H	212	---	< 5	82	1	1	41	0.1	77	0.6
79502 H	212	---	< 5	108	1	1	33	0.1	27	0.8
79503 H	212	---	380	72	1	1	66	0.2	255	0.4
79504 H	212	---	25	76	1	1	29	0.2	17	0.1
79505 H	212	---	< 5	80	1	1	38	0.1	9	0.1
79506 H	212	---	< 5	81	1	1	31	0.1	5	0.2
79507 H	212	---	< 5	48	1	1	29	0.1	4	0.1
79508 H	212	---	10	54	1	1	26	0.1	4	0.1
79509 H	212	---	< 5	119	1	1	26	0.1	3	0.1

CERTIFICATION : Ian Bunbury

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900 - 1055 W. HASTINGS ST.
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V6E 2E9
Project : MS77
Comments: CC: S McALLISTER

Page No.
Tot. Pages
Date : 25-AUG-88
Invoice # : I-8821126
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8821126

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm		
79510 H	212 --	< 5	100	1	1	26	0.1	6	0.1		

CERTIFICATION : Stewart Bachler

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Project : MS77
Comments: ATTN: S McALLISTER

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Invoice # : I-8820889
P.O. # : 27056->6

CERTIFICATE OF ANALYSIS A8820889

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm
79203	212	---	< 5	9	1	1	38	0.1	5	0.2
79204	212	---	< 5	9	1	1	27	0.1	3	0.1
79205	212	---	< 5	13	1	1	40	0.1	4	0.1
79206	212	---	< 5	6	1	1	42	0.1	3	0.1
79207	212	---	< 5	19	1	1	33	0.1	3	0.2
79208	212	---	< 5	7	1	3	31	0.1	3	0.1
79209	212	---	< 5	5	1	1	29	0.1	2	0.2
79210	212	---	< 5	7	1	1	37	0.1	3	0.1
79211	212	---	< 5	8	1	1	41	0.1	3	0.1
79212	212	---	< 5	9	1	1	42	0.1	3	0.1
79213	212	---	< 5	5	1	1	34	0.1	2	0.1
79214	212	---	< 5	7	1	1	33	0.1	3	0.1
79215	212	---	< 5	9	1	60	33	0.1	3	0.1
79216	212	---	< 5	8	1	4	37	0.1	3	0.1
79217	212	---	< 5	17	1	1	43	0.1	3	0.1
79218	212	---	< 5	9	1	1	34	0.1	3	0.1
79219	212	---	< 5	17	1	1	29	0.1	7	0.1
79220	212	---	< 5	43	1	1	106	0.1	3	0.1
79221	212	---	< 5	86	6	8	124	0.1	3	0.1
79222	212	---	< 5	52	1	1	30	0.1	4	0.1
79223	212	---	< 5	76	1	1	28	0.1	3	0.1
79224	212	---	< 5	60	1	1	30	0.1	3	0.1
79225	212	---	< 5	79	1	1	20	0.1	3	0.1
79226	212	---	< 5	53	1	1	22	0.1	3	0.1
79227	212	---	< 5	70	1	1	24	0.1	3	0.1
79228	212	---	< 5	40	1	1	22	0.1	3	0.1
79229	212	---	< 5	43	1	1	37	0.1	3	0.1
79230	212	---	< 5	74	1	1	27	0.1	4	0.1
79231	212	---	< 5	18	1	1	39	0.1	11	0.2
79232	212	---	< 5	24	1	1	38	0.1	5	0.1
79233	212	---	< 5	16	1	1	16	0.1	3	0.1
79234	212	---	< 5	24	1	1	49	0.1	3	0.1
79235	212	---	< 5	67	1	1	34	0.1	3	0.1
79236	212	---	< 5	38	1	1	35	0.1	3	0.1
79237	212	---	< 5	34	3	1	23	0.1	3	0.1
79238	212	---	< 5	47	2	1	25	0.1	4	0.1
79239	212	---	< 5	52	1	1	38	0.1	4	0.1
79240	212	---	< 5	25	2	1	31	0.1	12	1.0
79241	212	---	< 30	55	2	1	36	0.1	43	6.0
79242	212	---	< 5	68	1	1	42	0.1	6	1.6

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ANERALS STAFF
1900 - 1055 W. HASTINGS ST.
VANCOUVER, B.C.
V6E 2E9
Project : M577
Comments: CC: S McALLISTER

Date : 23-AUG-88
Invoice # : I-8820889
P.O. # : 27056->6

CERTIFICATE OF ANALYSIS A8820889

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm
79243	212 ---	< 5	56	2	1	29	0.1	5	1.3
79244	212 ---	< 5	88	1	1	27	0.1	3	0.2
79245	212 ---	< 5	140	1	1	28	0.1	3	0.1
79246	212 ---	< 5	115	1	1	26	0.1	3	0.1
79247	212 ---	< 5	58	2	1	30	0.1	3	0.2
79248	212 ---	< 5	43	1	1	25	0.1	3	0.1
79249	212 ---	< 5	49	1	1	25	0.1	3	0.1
79250	212 ---	< 5	63	2	1	20	0.1	4	0.1
79251	212 ---	60	79	1	1	35	0.1	3	0.1
79252	212 ---	< 5	14	1	1	34	0.1	3	0.1
79253	212 ---	< 5	93	1	1	26	0.1	3	0.1
79254	212 ---	< 5	69	1	1	27	0.1	3	0.1
79255	212 ---	< 5	62	1	1	34	0.1	3	0.1
79256	212 ---	< 5	23	1	1	35	0.1	4	0.1
79257	212 ---	< 5	22	1	1	31	0.1	4	0.1
79258	212 ---	< 5	21	1	1	33	0.1	3	0.1
79259	212 ---	< 5	33	1	1	44	0.1	4	0.1
79260	212 ---	< 5	16	1	1	19	0.1	3	0.1
79261	212 ---	< 5	19	1	1	25	0.1	3	0.1
79262	212 ---	< 5	49	2	1	36	0.1	4	0.2
79263	212 ---	< 5	28	1	1	35	0.1	3	0.1
79264	212 ---	< 5	29	1	1	45	0.1	3	0.1
79265	212 ---	15	23	1	1	48	0.1	3	0.1
79266	212 ---	< 5	51	1	1	48	0.1	3	0.1
79267	212 ---	< 5	21	1	1	42	0.1	3	0.1
79268	212 ---	< 5	14	1	1	32	0.1	3	0.1
79269	212 ---	5	14	1	1	38	0.1	3	0.2
79270	212 ---	5	50	1	1	39	0.1	4	0.1
79271	212 ---	< 5	23	1	1	38	0.1	4	0.1
79272	212 ---	< 5	40	1	1	50	0.1	4	0.2
79273	212 ---	10	48	1	1	35	0.1	5	0.1
79274	212 ---	< 5	56	1	1	47	0.1	9	0.1
79275	212 ---	< 5	58	2	1	51	0.1	6	0.1
79276	212 ---	< 5	38	1	1	52	0.1	5	0.1
79277	212 ---	< 5	18	2	1	24	0.1	3	0.1
79278	212 ---	< 5	20	3	1	18	0.1	3	0.1
79279	212 ---	5	66	2	1	27	0.1	5	0.1
79280	212 ---	< 5	261	2	1	46	0.1	12	0.1
79281	212 ---	< 5	57	2	1	42	0.1	4	0.1
79282	212 ---	< 5	70	1	1	42	0.1	3	0.1

CERTIFICATION : Ian Thomson

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MINERALS STAFF
1900 - 1055 W. HASTINGS ST.
VANCOUVER, B.C.
V6E 2E9
Project : M577
Comments: CC: S McALLISTER

Date : 23-AUG-88
Invoice # : I-8820889
P.O. # : 27056->6

CERTIFICATE OF ANALYSIS A8820889

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm
79283	212 --	15	48	2	1	50	0.1	4	0.1
79284	212 --	5	55	1	1	60	0.1	3	0.2
79285	212 --	<5	56	1	1	53	0.1	3	0.1
79286	212 --	<5	41	1	1	53	0.1	5	0.8
79287	212 --	<5	37	1	1	41	0.1	5	1.2
79288	212 --	<5	19	1	1	54	0.1	7	0.2
79289	212 --	<5	9	1	1	43	0.1	4	0.1
79290	212 --	<5	16	1	57	43	0.1	4	8.0
79291	212 --	<5	29	2	2	33	0.1	30	5.0
79292	212 --	<5	26	1	1	33	0.1	32	2.8
79401	212 --	<5	21	1	5	57	0.1	5	0.1
79402	212 --	<5	11	1	4	42	0.1	3	0.1
79403	212 --	<5	425	1	1	38	0.1	3	0.1
79404	212 --	<5	59	1	1	25	0.1	3	0.1
79405	212 --	<5	37	1	1	23	0.1	3	0.1
79406	212 --	<5	44	3	16	39	0.1	3	0.1
79407	212 --	<5	47	4	5	41	0.1	3	0.1
79408	212 --	<5	41	5	6	51	0.1	3	0.1
79409	212 --	<5	63	4	5	51	0.1	3	0.1
79410	212 --	<5	46	3	7	38	0.1	3	0.1
79411	212 --	<5	36	3	4	34	0.1	3	0.1
79412	212 --	<5	34	3	3	29	0.1	3	0.1
79413	212 --	<5	32	2	9	28	0.1	3	0.1
79414	212 --	10	42	3	29	32	0.1	3	4.2
79415	212 --	5	132	3	1	25	0.1	3	0.1
79416	212 --	<5	416	4	1	38	0.1	3	0.1
79417	212 --	<5	70	4	2	23	0.1	3	0.1
79418	212 --	<5	80	2	7	36	0.1	3	0.1
79419	212 --	<5	87	5	8	55	0.1	3	0.1
79420	212 --	<5	92	3	3	40	0.1	4	0.1
79421	212 --	<5	44	4	4	33	0.1	3	0.1
79422	212 --	<5	30	2	3	28	0.1	3	0.1
79423	212 --	<5	68	1	2	54	0.1	3	0.1
79424	212 --	<5	111	2	2	105	0.1	4	0.1
79425	212 --	<5	70	2	1	94	0.1	4	0.1
79426	212 --	<5	68	1	1	143	0.1	3	0.1
79427	212 --	10	69	3	1	131	0.1	3	0.1
79428	212 --	<5	34	2	1	47	0.1	3	0.1
79429	212 --	<5	46	2	1	53	0.1	4	0.1
79430	212 --	<5	19	1	1	42	0.1	4	0.1

CERTIFICATION : David Chamberlain

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Project : M577
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CERTIFICATE OF ANALYSIS A8820889

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm
79431	212	--	< 5	11	1	18	84	0.1	5	0.1
79432	212	--	< 5	17	1	6	48	0.1	4	0.1
79433	212	--	< 5	14	1	6	43	0.1	3	0.1
79434	212	--	< 5	13	1	1	42	0.1	3	0.1
79435	212	--	< 5	47	2	1	38	0.1	3	0.1
79436	212	--	< 5	20	1	1	47	0.1	3	0.1
79437	212	--	< 5	9	1	1	43	0.1	3	0.1
79438	212	--	< 5	8	1	1	40	0.1	3	0.1
79439	212	--	< 5	8	1	1	40	0.1	3	0.1
79440	212	--	< 5	5	1	3	41	0.1	3	0.1
79441	212	--	< 5	15	1	1	81	0.1	3	0.1
79442	212	--	< 5	9	1	1	54	0.1	3	0.1
79443	212	--	< 5	56	1	1	41	0.1	3	0.1
79444	212	--	< 5	94	1	1	62	0.1	3	0.1
79445	212	--	< 5	72	1	1	48	0.1	4	0.1
79446	212	--	< 5	82	1	1	43	0.1	3	0.1
79447	212	--	< 5	83	1	1	68	0.1	5	0.1
79448	212	--	< 5	59	1	1	44	0.1	3	0.1
79449	212	--	< 5	27	1	5	46	0.1	3	0.2
79450	212	--	< 5	35	3	8	51	0.1	3	0.1
79451	212	--	< 5	49	2	3	112	0.1	3	0.1
79452	212	--	< 5	53	6	4	103	0.1	7	1.4
79453	212	--	< 5	28	2	1	116	0.1	3	0.1
79601	212	--	< 5	6	1	1	44	0.1	3	0.2
79602	212	--	< 5	9	1	9	47	0.1	3	0.1
79603	212	--	< 5	103	2	1	37	0.1	3	0.1
79604	212	--	< 5	79	1	1	43	0.1	3	0.8
79605	212	--	< 5	121	2	1	43	0.1	4	0.2
79606	212	--	< 5	113	2	1	41	0.1	3	0.4
79607	212	--	< 5	128	2	1	35	0.1	3	0.1
79608	212	--	< 5	135	1	1	27	0.1	3	0.1
79609	212	--	< 5	148	1	2	39	0.1	2	0.1
79610	212	--	< 5	86	1	1	41	0.1	3	0.1
79611	212	--	< 5	60	1	1	33	0.1	3	0.1
79612	212	--	< 5	9	1	1	29	0.1	5	0.1
79613	212	--	< 5	2	1	1	25	0.1	3	0.2
79614	212	--	< 5	26	1	1	42	0.1	11	0.2
79615	212	--	< 5	9	1	1	31	0.1	3	0.1
79616	212	--	< 5	9	1	1	15	0.1	3	0.1
79617	212	--	< 5	45	1	1	25	0.1	3	0.1

CERTIFICATION : Ian Bacon

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CERTIFICATE OF ANALYSIS A8820889

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm
79618	212 --	< 5	37	1	1	26	0.1	3	0.1
79619	212 --	< 5	83	1	1	64	0.1	3	0.1
79620	212 --	< 5	45	1	1	36	0.1	3	0.1
79621	212 --	< 5	4	1	1	13	0.1	2	0.1
79622	212 --	< 5	7	1	1	16	0.1	3	0.1
79623	212 --	< 5	40	1	1	14	0.1	3	0.1
79624	212 --	< 5	34	1	1	21	0.1	4	0.1
79625	212 --	< 5	44	1	1	30	0.1	5	0.8
79626	212 --	35	19	1	1	25	0.1	35	1.0
79627	212 --	< 5	29	1	1	21	0.1	4	0.4
79628	212 --	< 5	65	1	1	57	0.1	3	0.2
79629	212 --	< 5	90	1	1	73	0.1	6	1.0
79630	212 --	< 5	110	1	1	74	0.1	7	0.8
79631	212 --	10	71	1	1	43	0.1	3	0.2
79632	212 --	< 5	26	1	1	35	0.1	6	3.0
79633	212 --	< 5	58	1	1	40	0.1	3	0.6
79634	212 --	< 5	83	1	1	44	0.1	3	0.2
79635	212 --	< 5	27	1	1	39	0.1	3	0.1
79636	212 --	25	24	1	1	44	0.1	3	0.1
79637	212 --	< 5	27	1	1	49	0.1	3	0.1
79638	212 --	< 5	37	1	1	32	0.1	3	0.2
79639	212 --	< 5	40	1	1	33	0.1	3	0.1
79640	212 --	< 5	50	1	1	44	0.1	3	0.1
79641	212 --	< 5	31	1	1	37	0.1	3	0.1
79642	212 --	< 5	25	1	1	24	0.1	3	0.1
79643	212 --	10	17	1	1	53	0.1	3	0.3
79644	212 --	5	47	1	1	64	0.1	3	0.3
79645	212 --	< 5	48	1	1	64	0.1	3	0.8
79646	212 --	< 5	46	1	1	41	0.1	3	0.2
79647	212 --	< 5	114	1	1	47	0.1	5	0.2
79648	212 --	10	75	1	1	33	0.1	4	0.2
79649	212 --	< 5	46	1	1	43	0.1	3	0.3
79650	212 --	< 5	35	1	1	66	0.1	3	0.2
79651	212 --	< 5	38	2	1	82	0.1	19	0.6
79652	212 --	220	66	1	1	51	0.1	100	0.2
79653	212 --	< 5	80	1	1	35	0.1	5	0.1
79654	212 --	< 5	66	1	1	53	0.1	4	0.2
79655	212 --	< 5	111	1	1	39	0.1	3	0.1
79656	212 --	35	67	1	1	62	0.1	29	0.1
79657	212 --	5	77	1	1	69	0.1	5	1.0

CERTIFICATION : [signature]

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To: CHEVRON CANADA RESOURCES LTD.
MINERALS STAFF
#900 - 1055 W. HASTINGS ST.
VANCOUVER, B.C.
V6E 2E9
Project : M577
Comments: CC: S McALLISTER

Page No.
Tot. Pages:
Date : 23-AUG-88
Invoice # : I-8820889
P.O. # : 27056->6

CERTIFICATE OF ANALYSIS A8820889

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm
79658	212	--	< 5	138	1	1	35	0.1	5	0.1
79659	212	--	< 5	180	1	1	28	0.1	3	0.1
79660	212	--	< 5	100	1	1	58	0.1	4	0.2
80000	212	--	< 5	7	1	1	42	0.1	3	0.1

CERTIFICATION : Stan Bridle

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To: C VRON CANADA RESOURCES LTD.
ERALS STAFF
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VANCOUVER, B.C.
V6E 2E9

Project : M577
Comments: ATTN: S MCALLISTER

Page No. : 1
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Date : 18-AUG-88
Invoice # : I-8820452
P.O. # : 27038

CERTIFICATE OF ANALYSIS A8820452

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm
79971 H	212 --	10	76	1	1	55	0.1	3	0.1
79972 H	212 --	< 5	68	1	1	35	0.1	3	0.1
79973 H	212 --	< 5	54	1	1	51	0.1	2	0.1
79974 H	212 --	< 5	61	1	1	49	0.1	2	0.1
79975 H	212 --	10	94	1	1	58	0.1	39	0.2
79976 H	212 --	< 5	60	1	1	60	0.1	5	0.1
79977 H	212 --	< 5	46	1	1	28	0.1	2	0.1
79978 H	212 --	< 5	84	1	1	34	0.1	2	0.1
79979 H	212 --	< 5	59	1	1	45	0.1	2	0.1
79980 H	212 --	< 5	48	1	1	42	0.1	3	0.2
79981 H	212 --	< 5	92	1	1	36	0.1	2	0.1
79982 H	212 --	< 5	30	1	1	56	0.1	2	0.1
79983 H	212 --	< 5	40	1	1	58	0.1	3	0.1
79984 H	212 --	< 5	54	1	1	51	0.1	3	0.1
79985 H	212 --	10	44	1	1	62	0.1	4	0.4
79986 H	212 --	< 5	53	1	1	61	0.1	3	0.1
79987 H	212 --	< 5	82	1	1	57	0.1	2	0.1
79988 H	212 --	< 5	78	1	9	26	0.1	2	2.2
79989 H	212 --	< 5	84	1	5	27	0.1	3	0.8
79990 H	212 --	< 5	78	1	19	37	0.1	3	4.4
79991 H	212 --	< 5	75	1	1	35	0.1	2	0.1
79992 H	212 --	< 5	72	1	1	39	0.1	2	0.1
79993 H	212 --	< 5	71	1	1	44	0.1	2	0.1
79994 H	212 --	< 5	54	1	1	44	0.1	2	0.1
79995 H	212 --	< 5	70	1	1	46	0.1	2	0.1
79996 H	212 --	< 5	76	1	1	50	0.1	2	0.1
79997 H	212 --	< 5	69	1	1	49	0.1	2	0.1
79998 H	212 --	< 5	58	1	1	61	0.1	3	1.2
79999 H	212 --	< 5	25	1	1	57	0.1	3	0.1

CERTIFICATION: Stewart Buchler

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Project : M577
Comments: ATTN: S. MCALLISTER

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P.O. # : 27040

CERTIFICATE OF ANALYSIS A8820451

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm
79171 H	212 --	15	97	1	1	34	0.1	5	0.1
79172 H	212 --	15	99	1	1	34	0.1	3	0.1
79173 H	212 --	25	29	1	1	33	0.1	4	0.1
79174 H	212 --	15	25	4	1	18	0.1	3	0.1
79175 H	212 --	< 5	11	1	1	26	0.1	9	0.1
79176 H	212 --	20	35	1	1	29	0.1	12	0.1
79177 H	212 --	5	60	1	1	31	0.1	9	0.1
79178 H	212 --	10	63	1	1	31	0.1	6	0.1
79179 H	212 --	5	76	1	1	31	0.1	5	0.1
79180 H	212 --	< 5	38	1	1	29	0.1	3	0.1
79181 H	212 --	5	37	1	1	39	0.1	3	0.1
79182 H	212 --	< 5	18	4	1	9	0.1	4	0.2
79183 H	212 --	< 5	42	1	1	26	0.1	3	0.1
79184 H	212 --	< 5	33	1	1	39	0.1	3	0.1
79185 H	212 --	< 5	29	1	1	40	0.1	4	0.1
79186 H	212 --	< 5	45	1	1	23	0.1	3	0.1
79187 H	212 --	10	105	1	1	27	0.1	3	0.1
79188 H	212 --	< 5	90	1	1	31	0.1	3	0.1
79189 H	212 --	< 5	36	1	11	22	0.1	4	4.4
79190 H	212 --	< 5	24	1	1	30	0.1	3	0.6
79191 H	212 --	10	65	1	1	21	0.1	3	0.1
79192 H	212 --	< 5	41	1	1	22	0.1	4	0.1
79193 H	212 --	< 5	35	1	1	23	0.1	4	0.1
79194 H	212 --	< 5	7	1	1	23	0.1	3	0.4
79195 H	212 --	5	10	1	1	21	0.1	11	0.4
79196 H	212 --	10	15	1	1	36	0.1	6	0.4
79197 H	212 --	5	16	1	1	24	0.1	90	1.4
79198 H	212 --	5	15	1	1	24	0.1	100	2.2
79199 H	212 --	40	13	1	1	24	0.1	38	1.4
79200 H	212 --	15	15	1	1	23	0.1	4	0.4
79201 H	212 --	< 5	7	1	1	23	0.1	3	0.6
79202 H	212 --	5	8	1	1	21	0.1	3	0.2
79929 H	212 --	< 5	86	2	1	38	0.1	3	0.1
79930 H	212 --	5	84	1	1	49	0.1	3	0.1
79931 H	212 --	10	86	1	1	57	0.1	3	0.1
79932 H	212 --	< 5	98	2	1	33	0.1	3	0.1
79933 H	212 --	< 5	104	1	1	27	0.1	3	0.1
79934 H	212 --	15	80	2	1	27	0.1	4	0.1
79935 H	212 --	5	52	2	1	20	0.1	3	0.1
79936 H	212 --	< 5	56	2	1	26	0.1	3	0.1

CERTIFICATION : Hart Bichler

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To: CHEVRON CANADA RESOURCES LTD.
MINERALS STAFF
1900 - 1055 W. HASTINGS ST.
VANCOUVER, B.C.
V6E 2E9
Project : M577
Comments: ATTN: S MCALLISTER

CERTIFICATE OF ANALYSIS A8820451

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm
79937 H	212 --	< 5	98	1	1	29	0.1	3	0.1
79938 H	212 --	< 5	81	1	1	24	0.1	2	0.1
79939 H	212 --	< 5	77	1	1	28	0.1	3	0.1
79940 H	212 --	< 5	91	1	1	25	0.1	2	0.1
79941 H	212 --	< 5	101	1	1	16	0.1	2	0.1
79942 H	212 --	< 5	101	1	1	16	0.1	2	0.1
79943 H	212 --	< 5	85	1	1	16	0.1	3	0.1
79944 H	212 --	< 5	76	1	1	19	0.1	3	0.1
79945 H	212 --	< 5	78	1	1	45	0.1	2	0.1
79946 H	212 --	< 5	83	1	1	20	0.1	2	0.1
79947 H	212 --	< 5	89	1	1	15	0.1	2	0.1
79948 H	212 --	< 5	83	1	1	21	0.1	2	0.1
79949 H	212 --	< 5	47	1	1	22	0.1	2	0.1
79950 H	212 --	< 5	100	1	1	30	0.1	2	0.1
79951 H	212 --	< 5	79	1	1	25	0.1	2	0.1
79952 H	212 --	< 5	55	1	1	33	0.1	2	0.2
79953 H	212 --	< 5	179	1	1	53	0.1	2	0.1
79954 H	212 --	< 5	95	1	1	34	0.1	2	0.1
79955 H	212 --	< 5	79	1	1	30	0.1	3	0.1
79956 H	212 --	< 5	100	1	1	44	0.1	4	0.1
79957 H	212 --	< 5	44	1	1	28	0.1	3	0.1
79958 H	212 --	< 5	68	1	1	43	0.1	3	0.1
79959 H	212 --	< 5	71	1	1	42	0.1	2	0.1
79960 H	212 --	< 5	62	1	1	30	0.1	2	0.1
79961 H	212 --	< 5	62	1	1	43	0.1	2	0.1
79962 H	212 --	< 5	29	1	1	45	0.1	2	0.1
79963 H	212 --	< 5	55	1	1	69	0.1	2	0.1
79964 H	212 --	< 5	72	1	1	53	0.1	2	0.1
79965 H	212 --	< 5	62	1	1	47	0.1	2	0.1
79966 H	212 --	< 5	62	1	1	51	0.1	2	0.1
79967 H	212 --	< 5	66	1	1	56	0.1	2	0.1
79968 H	212 --	< 5	60	1	1	53	0.1	2	0.2
79969 H	212 --	< 5	67	1	1	52	0.1	2	0.1
79970 H	212 --	< 5	73	1	1	52	0.1	2	0.1

CERTIFICATION : Ian Bichler

SGM

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Project : MS77
Comments: ATTN: SANDY MCALLISTER

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P.O. # : 27034/41

CERTIFICATE OF ANALYSIS A8820040

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm
79114	212 --	30	103	1	1	43	0.1	2	0.4
79115	212 --	10	136	1	1	38	0.1	1	0.1
79116	212 --	< 5	108	1	1	38	0.1	2	3.8
79117	212 --	< 5	46	1	1	24	0.1	1	0.2
79118	212 --	< 5	81	1	1	27	0.1	1	0.2
79119	212 --	< 5	79	1	1	27	0.1	2	0.2
79120	212 --	< 5	122	1	1	29	0.1	1	0.1
79121	212 --	45	114	1	1	27	0.1	2	0.1
79122	212 --	15	77	1	1	28	0.1	3	0.1
79123	212 --	5	43	1	1	20	0.1	2	0.1
79124	212 --	20	50	1	1	25	0.1	2	0.1
79125	212 --	< 5	74	1	1	21	0.1	3	0.2
79126	212 --	< 5	67	1	1	27	0.1	2	0.1
79127	212 --	< 5	96	1	1	29	0.1	2	0.1
79128	212 --	< 5	133	2	1	29	0.1	3	0.1
79129	212 --	< 5	115	1	1	32	0.1	2	0.1
79130	212 --	< 5	85	1	1	33	0.1	1	0.1
79131	212 --	< 5	53	1	1	26	0.1	1	0.2
79132	212 --	< 5	129	1	1	27	0.1	1	0.2
79133	212 --	< 5	118	1	1	27	0.1	1	0.2
79134	212 --	< 5	97	1	1	38	0.1	1	0.1
79135	212 --	< 5	106	1	1	34	0.1	1	0.1
79136	212 --	< 5	100	1	1	31	0.1	2	0.1
79137	212 --	< 5	90	1	1	33	0.1	1	0.1
79138	212 --	5	103	1	1	33	0.1	1	0.1
79139	212 --	< 5	162	2	1	33	0.1	1	0.1
79140	212 --	< 5	102	1	1	28	0.1	3	0.1
79141	212 --	< 5	67	1	1	39	0.1	3	0.1
79142	212 --	< 5	81	1	1	42	0.1	1	0.1
79143	212 --	< 5	46	1	1	35	0.1	1	0.1
79144	212 --	< 5	35	1	1	33	0.1	1	0.1
79145	212 --	< 5	18	1	1	34	0.1	1	0.1
79146	212 --	< 5	30	1	1	38	0.1	1	0.1
79147	212 --	< 5	72	1	1	26	0.1	1	0.1
79148	212 --	< 5	46	1	1	33	0.1	1	0.1
79149	212 --	< 5	82	3	1	24	0.1	3	0.1
79150	212 --	< 5	29	1	1	31	0.1	3	0.1
79151	212 --	10	18	1	1	34	0.1	3	0.1
79152	212 --	< 5	21	1	1	32	0.1	2	0.1
79153	212 --	< 5	18	1	1	33	0.1	3	0.1

CERTIFICATION: Brent Bradley

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To: CHEVRON CANADA RESOURCES LTD.
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1200 - 1055 W. HASTINGS ST.
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Project : M577
Comments: ATTN: SANDY MCALLISTER

Date : 12-AUG-88
Invoice # : I-8820040
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CERTIFICATE OF ANALYSIS A8820040

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm
79154	212 --	10	32	3	1	45	0.1	1	0.1
79155	212 --	<5	29	2	1	33	0.1	1	0.1
79156	212 --	<5	27	1	1	40	0.1	1	0.1
79157	212 --	<5	17	2	1	44	0.1	1	0.1
79158	212 --	10	33	1	1	33	0.1	4	0.1
79159	212 --	10	40	1	1	34	0.1	3	0.1
79160	212 --	5	91	1	1	36	0.1	3	0.1
79161	212 --	<5	18	1	1	26	0.1	2	0.1
79162	212 --	<5	23	1	19	42	0.1	3	0.1
79163	212 --	<5	16	1	3	34	0.1	3	0.1
79164	212 --	10	45	1	1	32	0.1	1	0.1
79165	212 --	<5	30	1	1	36	0.1	2	0.1
79166	212 --	35	82	1	1	44	0.1	2	0.1
79167	212 --	<5	14	1	1	33	0.1	1	0.1
79168	212 --	10	34	1	1	31	0.1	2	0.1
79169	212 --	20	35	1	1	28	0.1	2	0.1
79170	212 --	5	51	1	1	34	0.1	2	0.1
79927	212 --	5	328	1	1	30	0.1	5	1.4
79928	212 --	10	157	1	1	30	0.1	3	0.4

CERTIFICATION

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Project : M-57/
Comments: CC: SANDY McALLISTER CC: CHEVRON CANADA RES LTD

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P.O. # : 27032/33

CERTIFICATE OF ANALYSIS A8819702

SAMPLE DESCRIPTION	PREP CODE		Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm	Au ppb FA+AA
79058 H	212	--	96	1	10	115	0.2	9	3.4	10
79059 H	212	--	59	1	4	96	0.3	11	3.8	< 5
79060 H	212	--	67	1	13	108	0.1	15	2.6	< 5
79061 H	212	--	55	1	5	84	0.2	14	3.0	5
79062 H	212	--	60	1	3	107	0.3	10	1.4	< 5
79063 H	212	--	56	1	1	105	0.2	6	0.2	< 5
79064 H	212	--	64	1	1	107	0.1	15	0.8	40
79065 H	212	--	30	1	1	64	0.2	1000	1.6	1000
79066 H	212	--	23	1	1	96	0.2	25	2.4	5
79067 H	212	--	51	1	9	99	0.4	14	5.4	< 5
79068 H	212	--	21	1	3	93	0.1	9	2.8	< 5
79069 H	212	--	21	1	2	112	0.2	6	1.6	< 5
79070 H	212	--	20	1	1	124	0.1	9	1.2	< 5
79071 H	212	--	38	1	2	98	0.1	15	4.0	10
79072 H	212	--	62	1	1	35	0.1	5	0.1	< 5
79073 H	212	--	18	1	1	24	0.1	4	0.1	< 5
79074 H	212	--	43	1	1	31	0.1	3	0.1	< 5
79075 H	212	--	41	1	1	56	0.1	3	0.1	< 5
79076 H	212	--	56	1	1	61	0.1	3	0.1	< 5
79077 H	212	--	43	1	1	57	0.1	2	0.1	< 5
79078 H	212	--	23	1	1	40	0.2	3	0.1	< 5
79079 H	212	--	25	1	1	46	0.1	2	0.1	< 5
79080 H	212	--	67	1	1	34	0.1	2	0.1	< 5
79081 H	212	--	14	1	1	36	0.1	2	0.1	< 5
79082 H	212	--	61	1	1	24	0.1	2	0.1	< 5
79083 H	212	--	89	1	1	38	0.1	2	0.1	< 5
79084 H	212	--	76	1	1	25	0.1	1	0.1	< 5
79085 H	212	--	146	1	1	24	0.1	1	0.1	< 5
79086 H	212	--	69	1	1	26	0.1	1	0.1	< 5
79087 H	212	--	48	1	1	26	0.1	2	0.1	< 5
79088 H	212	--	50	1	5	26	0.1	1	2.0	< 5
79089 H	212	--	91	1	1	23	0.1	1	0.1	< 5
79090 H	212	--	84	1	1	16	0.1	1	0.2	< 5
79091 H	212	--	93	1	1	39	0.1	1	0.1	< 5
79092 H	212	--	21	1	1	20	0.1	1	0.1	< 5
79093 H	212	--	76	1	1	23	0.1	1	0.1	< 5
79094 H	212	--	80	1	1	19	0.1	1	0.1	5
79095 H	212	--	67	1	1	18	0.1	3	0.1	< 5
79096 H	212	--	73	1	1	27	0.1	1	0.1	< 5
79097 H	212	--	12	1	1	69	0.1	1	0.1	< 5

CERTIFICATION : HartBichler

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To: CHEVRON CANADA RESOURCES LTD.
MINERALS STAFF
1900 - 1055 W. HASTINGS ST.
VANCOUVER, B.C.
V6E 2E9

Project : M-577
Comments: CC: SANDY McALLISTER CC: CHEVRON CANADA RES LTD.

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Date : 6-AUG-88
Invoice # : I-8819702
P.O. # : 27032/33

CERTIFICATE OF ANALYSIS A8819702

SAMPLE DESCRIPTION	PREP CODE		Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm	Au ppb FA+AA		
79098 H	212	--	166	1	313	54	0.9	4	52.0	< 5		
79099 H	212	--	80	1	61	40	0.2	10	11.4	< 5		
79100 H	212	--	30	1	49	31	0.1	4	9.6	< 5		
79101 H	212	--	54	1	21	30	0.1	10	5.2	< 5		
79102 H	212	--	90	1	12	33	0.1	2	3.8	< 5		
79103 H	212	--	97	1	24	32	0.1	2	9.0	< 5		
79104 H	212	--	62	1	8	27	0.1	3	2.2	< 5		
79105 H	212	--	177	1	10	34	0.2	3	3.2	< 5		
79106 H	212	--	115	1	4	26	0.1	2	1.0	< 5		
79107 H	212	--	96	1	2	34	0.1	3	0.8	< 5		
79108 H	212	--	19	1	3	82	0.1	3	0.4	< 5		
79109 H	212	--	49	1	9	47	0.1	9	3.2	< 5		
79110 H	212	--	106	1	1	21	0.1	3	0.6	< 5		
79111 H	212	--	132	1	1	26	0.1	1	0.8	< 5		
79112 H	212	--	117	1	1	30	0.1	1	0.4	< 5		
79113 H	212	--	99	1	2	24	0.1	1	0.4	< 5		

CERTIFICATION : Ian R. Bacon

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To: CHEVRON CANADA RESOURCES LTD.
MINERALS STAFF
1900 - 1055 W. HASTINGS ST.
VANCOUVER, B.C.
V6E 2E9

Project : M577
Comments: ATTN: SANDY McALLISTER

Page No :
Tot. Pag. :
Date : 4-AUG-88
Invoice # : I-8819500
P.O. # : 27031

CERTIFICATE OF ANALYSIS A8819500

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm
79901	212 --	30	30	1	1	56	0.1	6	1.0
79902	212 --	10	82	1	1	67	0.1	16	0.6
79903	212 --	5	84	1	1	52	0.1	7	0.8
79904	212 --	< 5	76	1	1	46	0.1	4	0.2
79905	212 --	< 5	85	2	1	65	0.1	4	0.2
79906	212 --	< 5	78	1	1	73	0.1	12	0.6
79907	212 --	300	75	1	4	79	0.1	940	4.6
79908	212 --	160	63	1	1	77	0.1	440	1.8
79909	212 --	< 5	19	1	1	52	0.1	15	0.1
79910	212 --	30	21	1	1	30	0.1	60	1.2
79911	212 --	< 5	18	1	1	48	0.1	20	0.4
79912	212 --	20	3	1	1	44	0.1	50	0.2
79913	212 --	< 5	2	1	1	47	0.1	4	0.2
79914	212 --	100	11	1	6	42	0.1	400	1.4
79915	212 --	190	6	1	1	38	0.1	540	0.6
79916	212 --	620	4	1	1	38	0.1	1000	1.2
79917	212 --	210	2	1	1	39	0.1	440	0.6
79918	212 --	15	1	1	1	44	0.1	9	0.2
79919	212 --	10	1	1	1	41	0.1	12	0.2
79920	212 --	< 5	1	1	3	40	0.1	7	0.6
79921	212 --	15	1	1	1	41	0.1	16	0.8
79922	212 --	30	1	1	11	42	0.1	70	2.0
79923	212 --	280	6	1	1	39	0.1	900	1.0
79924	212 --	200	1	1	1	46	0.1	360	0.4
79925	212 --	< 5	4	1	1	56	0.1	9	0.2
79926	212 --	5	1	1	1	46	0.1	9	0.1

88-9 fill-in

CERTIFICATION : Hart Bichler

MASTER

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Project : M577
Comments: CC: SANDY McALLISTER / RAGNAR BRUASET

Date : 2-AUG-88
Invoice # : I-8819361
P.O. # : 36818

CERTIFICATE OF ANALYSIS A8819361

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm
79045 H	212 ---	< 5	54	2	1	57	0.1	15	0.6
79046 H	212 ---	< 5	60	1	1	52	0.1	5	0.2
79047 H	212 ---	< 5	10	1	3	33	0.1	200	1.8
79048 H	212 ---	< 5	46	1	2	56	0.1	39	1.0
79049 H	212 ---	< 5	42	1	1	39	0.1	20	0.6
79050 H	212 ---	< 5	46	1	1	40	0.1	50	0.4
79051 H	212 ---	< 5	184	2	1	54	0.1	9	1.0
79052 H	212 ---	< 5	158	2	1	47	0.1	7	1.4
79053 H	212 ---	< 5	90	1	1	42	0.1	4	0.2
79054 H	212 ---	< 5	129	1	1	28	0.1	5	0.2
79055 H	212 ---	70	54	1	1	60	0.1	10	0.6
79056+79057 H	212 ---	< 5	38	1	1	63	0.1	7	0.6

CERTIFICATION : Bart Bichler

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Project : M 577
Comments: CC: SANDY McALLISTER

Date : 27-JUL-88
Invoice # : I-8819050
P.O. # : 36812

CERTIFICATE OF ANALYSIS A8819050

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm
79026 H	212 --	< 5	104	1	1	68	0.1	14	2.6
79027 H	212 --	< 5	66	1	1	41	0.1	14	1.4
79028 H	212 --	< 5	70	1	1	38	0.1	5	1.2
79029 H	212 --	< 5	111	1	1	24	0.1	6	1.2
79030 H	212 --	< 5	231	1	1	31	0.1	9	4.0
79031 H	212 --	< 5	383	1	1	33	0.1	36	6.8
79032 H	212 --	< 5	152	1	1	31	0.1	160	6.6
79033 H	212 --	< 5	309	1	1	37	0.1	29	2.0
79034 H	212 --	20	463	1	1	37	0.1	90	5.0
79035 H	212 --	20	190	1	1	22	0.1	15	0.6
79036 H	212 --	280	471	1	1	44	0.1	1600	3.0
79037 H	212 --	40	41	1	1	38	0.1	180	1.4
79038 H	212 --	< 5	82	1	1	43	0.1	45	0.6
79039 H	212 --	< 5	128	1	1	39	0.1	10	0.4
79040 H	212 --	< 5	80	1	1	33	0.1	4	0.2
79041 H	212 --	< 5	89	1	1	34	0.1	4	0.1
79042 H	212 --	< 5	68	1	1	33	0.1	3	0.1
79043 H	212 --	< 5	130	1	1	41	0.1	3	0.2
79044 H	212 --	< 5	173	1	1	47	0.1	4	1.2

CERTIFICATION : Ian Bickler

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Project : M577
Comments: CC: RAGNAR BRUASET

Page No. :
Tot. Pages: 1
Date : 20-JUL-88
Invoice # : I-8818827
P.O. # : 27046

CERTIFICATE OF ANALYSIS A8818827

SAMPLE DESCRIPTION	PREP CODE	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm	Au ppb FA+AA
79001 H	212 ---	6	1	4	49	0.1	30	1.2	20
79002 H	212 ---	17	2	2	32	0.1	61	1.2	10
79003 H	212 ---	26	1	1	49	0.1	29	4.0	< 5
79004 H	212 ---	46	1	1	40	0.1	100	6.8	< 5
79005 H	212 ---	67	2	22	42	0.1	60	20.0	< 5
79006 H	212 ---	5	2	3	19	0.1	6	1.8	< 5
79007 H	212 ---	1	2	2	19	0.1	29	1.0	< 5
79008 H	212 ---	16	1	1	25	0.1	11	0.8	< 5
79009 H	212 ---	4	1	6	22	0.1	7	1.4	< 5
79010 H	212 ---	1	1	1	11	0.1	7	0.2	< 5
79011 H	212 ---	1	1	1	15	0.1	25	0.2	< 5
79012 H	212 ---	67	1	1	68	0.5	7000	5.0	2350
79013 H	212 ---	21	1	1	50	0.1	>10000	7.2	2650
79014 H	212 ---	34	1	1	64	0.1	2800	2.4	570
79015 H	212 ---	24	1	1	46	0.1	9300	6.8	2820
79016 H	212 ---	1	1	1	39	0.1	100	0.4	25
79017 H	212 ---	1	1	1	28	0.1	2100	4.4	520
79018 H	212 ---	3	1	1	49	0.1	35	0.2	15
79019 H	212 ---	1	1	1	47	0.1	14	0.3	< 5
79020 H	212 ---	1	1	1	38	0.1	14	0.2	10
79021 H	212 ---	1	1	1	42	0.1	7	0.6	< 5
79022 H	212 ---	3	1	1	45	0.1	6	0.5	10
79023 H	212 ---	2	1	1	45	0.1	6	1.0	< 5
79024 H	212 ---	32	1	1	36	0.1	19	0.2	< 5
79025 H	212 ---	24	1	2	20	0.1	3	0.6	< 5

CERTIFICATION : Matt Bichler

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Project : M577
Comments: ATTN: S. MCALLISTER

Page No. : 1
Tot. Pages: 1
Date : 23-JUN-88
Invoice # : I-8817446
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8817446

SAMPLE DESCRIPTION	PREP CODE		Au FA g/tonne
SM8W-072	214	--	21.10

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY B.C CERTIFIED ASSAYERS

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V6E 2E9
Project : M 577
Comments: CC: S. McALLISTER

Date 13-JUN-88
Invoice # I-8816359
P.O. # 36820

CERTIFICATE OF ANALYSIS A8816359

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm
SMSW-001 T-40	212 --	< 5	31	10	6	41	0.3	24	2.0
SMSW-002	212 --	< 5	53	36	14	36	0.2	14	3.0
SMSW-003	212 --	< 5	89	1	1	52	0.1	4	0.3
SMSW-004	212 --	< 5	70	1	1	52	0.1	4	0.6
SMSW-005 T-41	212 --	< 5	92	1	1	51	0.1	6	0.2
SMSW-006	212 --	< 5	83	1	1	47	0.1	5	0.1
SMSW-007	212 --	< 5	63	1	1	54	0.1	9	0.4
SMSW-008	212 --	50	14	3	9	71	0.4	29	1.0
SMSW-009	212 --	35	10	1	15	43	0.3	24	1.2
SMSW-010	212 --	45	11	1	14	43	0.3	19	1.6
SMSW-011	212 --	5	22	1	1	40	0.1	35	6.8
SMSW-012 T-42	212 --	5	15	1	1	35	0.1	50	10.0
SMSW-013	212 --	< 5	11	1	1	23	0.1	7	0.8
SMSW-014	212 --	5	12	1	1	21	0.1	9	1.2
SMSW-015	212 --	< 5	78	2	1	75	0.1	4	0.8
SMSW-016	212 --	< 5	69	1	1	74	0.1	4	2.2
SMSW-017	212 --	10	88	1	1	160	0.1	10	1.6
SMSW-018	212 --	< 5	48	1	1	148	0.1	10	0.4
SMSW-019	212 --	< 5	43	1	1	112	0.1	4	0.4
SMSW-020	212 --	< 5	80	1	1	106	0.1	4	0.8
SMSW-021	212 --	5	125	1	1	119	0.2	4	2.0
SMSW-022	212 --	< 5	25	1	1	168	0.1	4	0.1
SMSW-023	212 --	300	29	1	1	35	0.3	590	2.0
SMSW-024	212 --	700	147	1	1	31	0.5	1100	7.0
SMSW-025	212 --	1500	73	1	4	25	0.7	1000	5.2
SMSW-026 T-44	212 --	20	57	1	1	41	0.1	48	9.4
SMSW-027	212 --	25	68	1	1	30	0.1	43	4.2
SMSW-028	212 --	5	105	1	1	33	0.1	55	1.2
SMSW-029	212 --	5	82	1	1	34	0.1	12	1.6
SMSW-030	212 --	5	91	1	1	37	0.1	10	0.1
SMSW-031	212 --	< 5	117	1	1	26	0.1	5	0.1
SMSW-032	212 --	< 5	68	1	1	25	0.1	10	0.1
SMSW-033	212 --	15	39	1	1	38	0.1	14	0.2
SMSW-034	212 --	< 5	52	1	1	28	0.1	7	0.1
SMSW-035	212 --	15	64	1	1	30	0.1	9	0.4
SMSW-036	212 --	20	41	1	1	13	0.1	9	0.1
SMSW-037	212 --	105	45	1	1	85	0.5	73	13.0
SMSW-038	212 --	50	35	1	6	77	0.2	100	24.0
SMSW-039 T-45	212 --	40	19	1	1	28	0.1	500	25.0
SMSW-040	212 --	20	21	1	1	29	0.1	550	34.0

CERTIFICATION

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To: CHEVRON CANADA RESOURCES LTD.
ATT: MINERALS STAFF
1900 - 1055 W. HASTINGS ST.
VANCOUVER, B.C.
V6E 2E9
Project : M 577
Comments: CC: S. McALLISTER

Date 13-JUN-88
Invoice # I-8816359
P.O. # 36820

CERTIFICATE OF ANALYSIS A8816359

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm
SMSW-041 T-45	212	---	< 5	28	1	1	61	0.1	38	7.0
SMSW-042	212	---	5	7	1	1	74	0.1	46	2.8
SMSW-043	212	---	20	3	1	1	81	0.1	140	0.9
SMSW-044	212	---	2400	2	1	1	32	0.8	500	1.0
SMSW-045	212	---	20	4	1	1	76	0.1	170	0.6
SMSW-046	212	---	15	15	1	1	33	0.2	22	1.6

CERTIFICATION: Ian H Bucklen

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To: CHEVRON CANADA RESOURCES LTD.
MINERALS STAFF
1900 - 1055 W. HASTINGS ST.
VANCOUVER, B.C.
V6E 2E9

Project : M577
Comments: ATTN: S. McALLISTER

Page No.
Tot. Pages: 3
Date : 22-JUN-88
Invoice # : I-8816926
P.O. # : 36819/22

CERTIFICATE OF ANALYSIS A8816926

SAMPLE DESCRIPTION	Notes	PREP CODE		Au ppb FA+AA	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm	Au check
SMBW-047		212	--	< 5	24	3	1	56	0.1	5	0.8	------
SMBW-048		212	--	< 5	38	2	1	76	0.1	10	6.2	------
SMBW-049		212	--	15	7	1	1	62	0.1	33	1.0	------
SMBW-050	T-46	212	--	45	4	1	3	51	0.1	53	0.7	------
SMBW-051		212	--	30	5	1	4	55	0.1	36	0.8	------
SMBW-052		212	--	10	70	12	4	98	0.3	41	7.2	------
SMBW-053		212	--	10	84	6	3	124	0.2	33	4.0	------
SMBW-054		212	--	5	90	6	4	98	0.2	30	2.8	------
SMBW-055		212	--	10	81	5	4	114	0.2	170	5.4	------
SMBW-056		212	--	15	40	1	1	55	0.1	100	2.8	------
SMBW-057		212	--	5	57	1	2	102	0.1	11	7.0	------
SMBW-058		212	--	5	47	1	1	81	0.1	17	5.6	------
SMBW-059	T-9	212	--	750	37	1	2	75	0.1	1400	6.6	------
SMBW-060		212	--	930	6	1	1	59	0.1	2400	4.4	------
SMBW-061		212	--	60	64	1	1	104	0.1	160	5.2	------
SMBW-062		212	--	110	43	1	1	66	0.1	470	2.2	------
SMBW-063	T-10	212	--	525	10	1	3	79	0.1	1800	2.4	------
SMBW-064		212	--	115	6	1	1	75	0.1	400	1.4	------
SMBW-065	T-11.5	212	--	10	2	1	3	32	0.1	29	1.0	------
SMBW-066		212	--	5060	10	1	1	62	0.1	3900	5.6	------
SMBW-067	T-12	212	--	30	12	1	1	74	0.1	70	3.2	------
SMBW-068		212	--	4720	111	1	2	41	1.4	2900	53.0	------
SMBW-069		212	--	450	47	1	1	36	0.2	970	10.0	------
SMBW-070		212	--	2000	14	1	1	37	0.1	520	6.0	------
SMBW-071		212	--	8200	12	1	1	23	1.2	2900	5.4	------
SMBW-072		212	--	>10000	14	1	1	26	1.9	2600	5.2	------
SMBW-073	NO.5	212	--	900	67	1	5	53	0.3	900	8.4	------
SMBW-074		212	--	8550	13	1	1	24	0.4	1000	6.4	------
SMBW-075		212	--	80	21	1	1	16	0.1	330	7.2	------
SMBW-076		212	--	15	25	3	1	15	0.1	15	0.6	------
SMBW-077		212	--	110	72	1	1	47	0.1	60	2.6	------
SMBW-078		212	--	60	159	1	1	57	0.1	70	4.2	------
SMBW-079		212	--	1440	37	1	1	39	0.1	1000	2.8	------
SMBW-080		212	--	720	31	1	1	71	0.1	960	2.8	------
SMBW-081		212	--	35	50	1	1	67	0.1	50	2.2	------
SMBW-082		212	--	25	90	1	1	34	0.1	90	28.0	------
SMBW-083		212	--	30	28	1	1	26	0.1	90	3.6	------
SMBW-084		212	--	80	68	1	1	41	0.1	90	3.4	------
SMBW-085		212	--	10	40	1	1	33	0.1	36	1.2	------
SMBW-086		212	--	670	49	1	1	43	0.2	510	11.4	------

CERTIFICATION : HartBichler

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V6E 2E9

Project : M577
Comments: ATTN: S. McALLISTER

Page No.
Tot. Pages
Date : 22-JUN-88
Invoice # : I-8816926
P.O. # : 36819/22

CERTIFICATE OF ANALYSIS A8816926

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm	Au check	
SMSW-087	212	--	125	40	1	1	43	0.1	450	15.2	-----	
SMSW-088	212	--	280	31	1	1	35	0.1	1400	10.0	-----	
SMSW-089	212	--	380	57	1	1	48	0.1	150	6.0	-----	
SMSW-090	212	--	140	21	1	1	32	0.1	90	9.2	-----	
SMSW-091	212	--	160	33	1	1	33	0.1	100	3.6	-----	
SMSW-092	212	--	530	65	1	1	40	0.4	700	8.6	-----	
SMSW-093	212	--	205	49	1	1	37	0.1	270	4.6	-----	
SMSW-094 NO.5	212	--	40	35	1	1	42	0.1	100	9.4	-----	
SMSW-095	212	--	15	44	2	1	32	0.1	50	3.0	-----	
SMSW-096	212	--	190	35	2	1	36	0.1	350	9.2	-----	
SMSW-097	212	--	475	68	2	1	37	0.4	250	35.0	-----	
SMSW-098	212	--	230	50	2	1	39	0.1	140	2.4	-----	
SMSW-099	212	--	20	42	2	1	47	0.1	50	4.2	-----	
SMSW-100	212	--	1200	26	1	1	23	0.1	1200	17.8	-----	
SMSW-101	212	--	3700	34	1	1	24	0.5	1100	8.0	-----	
SMSW-102	212	--	460	13	1	1	26	0.1	1200	6.2	-----	
SMSW-103	212	--	20	55	2	1	45	0.1	30	1.0	-----	
SMSW-104 NO. 4	212	--	600	36	1	1	40	0.1	320	2.0	-----	
SMSW-105	212	--	35	36	1	1	27	0.1	51	1.4	-----	
SMSW-106 NO. 4W	212	--	425	39	1	1	37	0.1	690	9.4	-----	
SMSW-107	212	--	20	77	2	1	36	0.1	46	1.4	-----	
SMSW-108 - commulor	212	--	1070	37	1	1	28	0.5	360	3.0	-----	
SMSW-109	212	--	2850	78	2	1	29	1.1	150	42.0	-----	
SMSW-110 NO. 2M	212	--	640	209	2	1	31	1.3	310	98.0	-----	
SMSW-111	212	--	120	69	2	1	32	0.2	190	12.0	-----	
SMSW-112	212	--	140	26	1	1	31	0.1	200	2.0	-----	
SMSW-113	212	--	980	34	2	1	26	0.5	400	20.0	-----	
SMSW-114 NO. 3	212	--	240	53	1	1	33	0.1	610	7.6	-----	
SMSW-115	212	--	80	82	1	1	44	0.1	60	4.2	-----	
SMSW-116	212	--	2050	201	1	1	41	2.4	830	97.0	-----	
SMSW-117	212	--	215	121	1	1	33	0.4	370	13.0	-----	
SMSW-118	212	--	4350	39	1	1	24	1.0	1100	8.2	-----	
SMSW-119 NO. 2M	212	--	320	86	1	1	30	3.2	560	22.0	-----	
SMSW-120	212	--	295	36	2	1	25	0.3	100	16.4	-----	
SMSW-121 PAXTON	212	--	1050	133	2	1	21	1.0	610	5.4	-----	
SMSW-122	212	--	30	425	2	1	35	0.1	7	1.0	-----	
SMSW-123	212	--	1490	174	2	1	37	1.0	350	11.0	6070	
SMSW-124	212	--	100	117	2	1	30	0.5	780	9.4	-----	
SMSW-125 NO. Q	212	--	1680	191	1	1	35	0.8	500	5.0	6030	
SMSW-126	212	--	105	308	2	1	30	0.1	160	13.4	-----	

CERTIFICATION : Hart Bichler

Chemex Labs Ltd.
Analytical Chemists • Geochemists • Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

CHEVRON CANADA RESOURCES LTD.
MINERALS STAFF
1900 - 1055 W. HASTINGS ST.
VANCOUVER, B.C.
V6E 2E9
Project : M577
Comments: ATTN: S. McALLISTER

Page No. : 3
Tot. Pages: 3
Date : 22-JUN-88
Invoice # : I-8816926
P.O. # : 36819/22

CERTIFICATE OF ANALYSIS A8816926

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Sb ppm	Au check	
SMSW-127	212	--	90	115	1	1	37	1.7	250	70.0	-----	
SMSW-128	212	--	8200	112	1	1	33	4.4	540	45.0	-----	
SMSW-129	212	--	6870	34	1	1	19	1.3	430	17.4	-----	
SMSW-130	212	--	90	178	2	1	41	0.4	570	42.0	-----	
SMSW-131	212	--	45	324	1	1	39	0.1	100	13.6	-----	
SMSW-132	212	--	190	123	1	1	34	0.4	490	30.0	-----	

ND, OK

CERTIFICATION : Hart Bichler

APPENDIX IV

ANALYTICAL TECHNIQUES

Chemex Labs Ltd.

Analytical Chemists *Geochemists* *Registered Assayers*

212 Brooksbank Ave
North Vancouver, B.C.
Canada V7J 2C1

Phone: (604) 984-0221
Telex: 043-52597

Gold F.A.-A.A. Combo Method ppb:

For low grade samples and geochemical materials, 10 gram samples are fused in litharge, carbonate and siliceous flux with the addition of 10 mg of Au-free Ag metal and cupelled. The silver bead is parted with dilute HNO_3 and then treated with aqua regia. The salts are dissolved in dilute HCl and analyzed for Au on an atomic absorption spectrophotometer.

Detection limit: 5 ppb

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212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Phone: (604) 984-0221
Telex: 043-52597

Lead, Molybdenum, Copper:

An aliquot from an acid-preserved filtered sample is taken and digested to dryness with concentrated nitric acid. The residue is dissolved in warm perchloric acid and sufficient water is added to restore the sample to proper dilution. The concentration of each element is then determined by its atomic absorption with Varian AA-5 spectrophotometer calibrated with blanks and standard metal solutions prepared similarly. Background absorption corrections was applied to the measurement of lead. The detection limit for all elements by this method is 0.01 g/ml.

Chemex Labs Ltd.

Analytical Chemists *Geochemists* *Registered Assayers*

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Phone: (604) 984-0221
Telex: 043-52597

Copper, Lead, Zinc, Silver ppm:

1.0 gm sample is digested with perchloric-nitric acid (HClO4-HNO3) for approximately 2 hours. The digested sample is cooled and made up to 25 mls with distilled water. The solution is mixed and solids are allowed to settle. Copper, lead, zinc and silver are determined by atomic absorption techniques. Silver and lead are corrected for background absorption.

Detection limit: Copper, Zinc - 1 ppm
Silver - 0.2 ppm
Lead - 2 ppm

Chemex Labs Ltd.

Analytical Chemists *Geochemists* *Registered Assayers*

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Phone: (604) 984-0221
Telex: 043-52597

Antimony ppm:

A 2.0 gm sample is digested with conc. HCl-KClO3 at low heat. The iron is reduced to Fe+2 state and the Sb extracted with TOPO-MIBK and analyzed via A.A. Correcting for background absorption.

Detection Limit: 0.2 +/- 0.2

Chemex Labs Ltd.

Analytical Chemists *Geochemists* *Registered Assayers*

212 Brooksbank Ave
North Vancouver, B.C.
Canada V7J 2C1

Phone: (604) 984-0221
Telex: 043-52597

Arsenic ppm:

A 1.0 gm sample is digested with a mixture of perchloric and nitric acid to strong fumes of perchloric acid. The digested solution is diluted to volume and mixed. An aliquot of the digest is acidified, reduced with ~~KI~~ KI and mixed. A portion of the reduced solution is converted to arsine with $NaBH_4$ and the arsenic content determined using flameless atomic absorption.

Detection limit: 1 ppm

APPENDIX V

PETROGRAPHIC DESCRIPTIONS

Vancouver Petrographics Ltd.

JAMES VINNELL, M.Sc.
JOHN G. PAYNE, Ph.D. Geologist
A.L. LITTLEJOHN, M.Sc. Geologist
JEFF HARRIS, Ph.D. Geologist

P.O. BOX 39
8881 NASH STREET
FORT LANGLEY, B.C.
V0X 1J0

PHONE (604) 888-1323

Report for: S. McAllister,
Chevron Canada Resources Ltd.,
Minerals Staff,
1900-1055 West Hastings St.,
Vancouver, B.C.
V6E 2E9

Invoice 7540

August 29th, 1988

Samples:

4 drill core samples, numbered 88-9 168.2m., 88-11 134.5m., 88-14 209.35m. and 88-16 48.65m., for thin sectioning and petrographic examination.

Summary:

The samples from 88-9, 11 and 16 are all more or less strongly altered, plagioclase-rich intrusives. 88-9 is a quartz diorite and 88-11 and 16 are diorites.

88-9 and 88-16 show variable pervasive sericitization and carbonatization of plagioclase, and complete alteration of mafics to carbonate and chlorite. They are also affected by a veining and intergranular permeation style of carbonate alteration.

88-11 is more intensely altered, with complete pervasive replacement of plagioclase as well as mafics. As with the other rocks, a superimposed veinlet phase of carbonate and minor quartz alteration is present. The carbonate is weakly reactive to dilute acid and is probably a mixture of calcite and dolomite.

The rocks appear largely undeformed. No evidence of albitization was seen.

The sample from 88-14 is of different type and unknown origin. It is a granular aggregate of diopside, veined and permeated by tremolite and minor chlorite.

Individual petrographic descriptions are attached.

J.F. Harris Ph.D. (phone: 929-5867)

Sample 88-9 168.2m. **ALTERED QUARTZ DIORITE**

Estimated mode

Plagioclase	50
Quartz	22
Sericite	3
Carbonate	20
Chlorite	2
Rutile)	3
Leucoxene)	
Pyrite	trace
Arsenopyrite(?)	trace

This rock is a medium-grained quartz diorite showing localized strong alteration.

It consists essentially of a rather equigranular, blocky, anhedral intergrowth, of grain size 0.5 - 2.0mm, made up of plagioclase with abundant accessory quartz. The latter occurs as evenly intergrown, individual grains as well as some coarse, pockety segregations.

The plagioclase typically shows weak pervasive alteration in the form of light dustings of sericite and an overall brownish (argillic?) turbidity.

Original mafics, occurring as small grains and networks interstitial to the quartz/plagioclase aggregate, are now totally altered to intergrowths of fine-grained, brown carbonate, chlorite, sericite and sub-opaque rutile/leucoxene (rims and skeletal clumps) in various proportions. Their original character is totally obscured, but they were probably mainly biotite.

The rock is affected by alate-stage alteration consisting of irregular, cross-cutting zones of veining and replacement by carbonate, with minor associated quartz. Some of these appear to be in the nature of localized zones of granulation. The carbonate alteration also penetrates extensively along grain boundaries and incipient microbreccia networks throughout the quartz/plagioclase aggregate.

The rock contains scattered individual grains of pyrite (and arsenopyrite?), 0.1 - 0.3mm in size. These show no apparent relationship to the zones of carbonate permeation.

Sample 88-11 134.5m. **ALTERED DIORITE**

Estimated mode

Quartz	10
Sericite	15
Carbonate	57
Chlorite	18
Apatite	trace
Rutile) Opaques)	trace

This is an intensely altered rock whose origin can only be inferred from relict textural features and comparison with other samples of the suite.

It is interpreted as an altered diorite.

A relict, blocky, sub-prismatic fabric, on the scale 0.5 - 2.0mm, is recognizable. This apparently consisted principally of an intergrowth of plagioclase and one or more mafic silicates (probably hornblende). The plagioclase is totally altered to minutely fine-grained, compact sericite and carbonate, and the mafics to a feathery/lamellar intergrowth of brown carbonate and chlorite.

Quartz is seen as scattered pockets in the altered matrix. It shows angular/irregular, sub-graphic outlines clearly indicative of its origin as an intergrown accessory in a feldspathic igneous aggregate.

Rare tiny apatite euhedra also survive as remnant primary constituents.

The intense alteration of this rock appears to be largely of a pervasive, non-structural character. However, the slide also includes some sub-parallel veinlets (0.05 - 1.0mm thick) of carbonate and quartz which locally merge with the areas of strong pervasive carbonation.

Sample 88-14 209.35m.

Estimated mode

Clinopyroxene	65
Tremolite(?)	25
Chlorite	5
Sub-opaque alteration	5

This sample is composed essentially of an anhedral aggregate of clinopyroxene, of grain size 0.5 - 2.0mm. This is strongly pervaded by a brownish, turbid/sub-opaque alteration (leucoxene?) which tends to obscure any textural details. Judging from its colour in hand specimen, the pyroxene is probably diopside.

The diopside aggregate is traversed by irregular veinlets and replacement zones of a colourless, fibrous to felted mineral of similar birefringence to the pyroxene. This generally shows a somewhat inclined extinction, and is tentatively identified as tremolite. This mineral is also seen as sporadic areas of granular intergrowth in the pyroxene.

The only other component is chlorite, as scattered, intergrown flakes, and as diffuse streaks and pockets showing fine-grained, felted aggregate texture.

The origin of this rock is indeterminate from the petrographic evidence. It is of totally different type to the other three rocks of the suite. It could be an altered ultramafic (pyroxenite) or a contact metamorphic zone of skarnic affinities. The total lack of opaques or carbonate is a notable feature.

Sample 88-16 48.65m. **ALTERED DIORITE**

Estimated mode

Plagioclase	55
Quartz	8
Sericite	5
Carbonate	26
Chlorite	6

This sample is clearly recognizable, in thin section, as a strongly altered intrusive rock of dioritic character.

The intensity of alteration is patchy, and there are substantial areas consisting of relatively unaltered (mildly turbid) plagioclase, as a coarse, blocky, anhedral aggregate of grain size 0.5 - 4.0mm. The plagioclase has the composition of andesine.

Quartz, as anhedral aggregates of grain size 0.2 - 2.0mm, occurs as an intergrown accessory. Its distribution is notably sporadic, as scattered, pockety segregations.

Much of the plagioclase shows strong (locally almost complete) pervasive alteration to fine-grained carbonate, sometimes with more or less intimately intergrown sericite. Carbonate also occurs filling a system of close-spaced, sub-parallel hairline veinlets.

The primary mafic constituent appears to have been hornblende. This is now totally replaced - occasionally with pseudomorphic preservation of the characteristic cleavage - by compact, brown carbonate and intergrown chlorite. A few streaky areas in which chlorite is the dominant constituent probably represent original accessory biotite.

The typical trace accessories of diorites, such as sphene, apatite and opaques, are notably absent.

Apart from the tracery of microfractures, the strong alteration of this rock appears to have taken place without associated brecciation or deformation.

Vancouver Petrographics

Report for: **S. McAllister,**
Chevron Canada Resources, Ltd.,
1900 - 1055 West Hastings Street,
VANCOUVER, B.C., V6E 2E9

Invoice 7564
August 1988

Sample: NN-1 88-18 30.50 m

Summary:

The rock is a cryptocrystalline chert which was cut by several sets of veins, in part with conflicting age relations. These include the following in order of increasing age (oldest to youngest):

1) quartz
2) quartz-chlorite-(chalcopyrite)
3) K-feldspar-(chlorite-Ti-oxide) (may be earlier than 2)
4) quartz-chlorite-Ti-oxide
5) quartz-albite-(chlorite)
6) calcite

John G. Payne

NN-1 88-18 30.50 m Chert cut by Veinlets of several ages containing one or more of Quartz, Chlorite, Albite, Ti-oxide, K-feldspar and Calcite, and a trace of Chalcopyrite and Pyrite

The rock is a cryptocrystalline to extremely fine grained chert containing minor chlorite. It is cut by early veins of quartz, quartz-(chlorite), and K-feldspar, by later irregular seams of quartz-chlorite-Ti-oxide, and late veins of quartz-albite-(chlorite) and of calcite.

chert	35-40%	
chlorite	0.3	
apatite(?)-opaque	trace	
veins		
early quartz-(chlorite)	8-10	
quartz-chlorite	25-30	
K-feldspar-(chlorite-Ti-oxide)	1	
quartz-chlorite- Ti-oxide	15-17	(brown veins)
quartz-albite-(chlorite)	4- 5	
calcite	1- 2	

The host rock consists of cryptocrystalline chert (grain size 0.002-0.003 mm, with minor disseminated chlorite. An early inclusion(?) 0.8 mm long may be an apatite grain containing very abundant dusty opaque. It was strongly segmented by early quartz veinlets.

The rock was cut by a network of early quartz veinlets, ranging from wispy seams less than 0.01 mm wide to veinlets averaging 0.03-0.1 mm in width. In these, quartz commonly is oriented perpendicular to vein walls. Some of these veinlets contain minor to moderately abundant chlorite.

These grade texturally into somewhat later veins and patches up to a few mm wide. These are dominated by very fine to fine grained quartz with minor to abundant irregular patches of very fine to fine grained chlorite. Locally quartz is medium grained. Textures commonly indicate that these veins were recrystallized under strain. A few contain subparallel, elongate quartz grains up to 1.5 mm long, with strongly strained extinction and very irregular grain borders (produced by recrystallization in response to shearing). Associated with these, and possibly of the same age or later are lenses and veinlets of very fine grained chlorite. These are from 0.05-0.3 mm in width.

The host rock is cut by veinlets up to 0.1 mm wide of very fine grained K-feldspar with minor chlorite and dusty semiopaque to opaque; these are later than the early quartz veinlets.

Late veins (brown in hand sample) up to 3 mm wide (average 0.5-1 mm) consist of extremely fine grained quartz (0.01-0.03 mm) with moderately abundant disseminated chlorite (0.005-0.01 mm) and Ti-oxide (0.005-0.015 mm). Ti-oxide also forms a few lenses up to 0.05 mm wide and 0.3 mm long within these veins, commonly near and parallel to their borders. These veins have moderately irregular, wavy outlines, and commonly are somewhat braided. They may be cut by veinlets of quartz-albite-(chlorite).

Quartz-albite-chlorite forms very fine to fine grained veins up to 0.2 mm wide. These grade texturally into the earlier quartz-(chlorite) veins; however, deformation is much less intense and vein outlines sharper than those of the earlier veins.

(continued)

Late veinlets up to 0.2 mm wide consist of fine to medium grained calcite, locally possibly with patches of quartz and chlorite. These are fracture filling veinlets, which are well developed in chert, but commonly are weak or discontinuous where they crosscut earlier quartz veins.

Chalcopyrite and lesser pyrite form scattered anhedral grains averaging 0.0-2-0.05 mm in size. These occur mainly in the quartz-(chlorite) veins, but a few grains also are present in the host rock and in the quartz-chlorite0-To-oxide veins.

APPENDIX VI

GEOHEADER

WAYSIDE GEOHEADER - M577

This geoheader is designed to simplify the use of IGC's (International Geosystem Corporation's) geoform by outlining all the required entries for the given data set and all the possible abbreviations and scales used. This geoheader has been customized for the Wayside project.

The tier (Upper - U or Lower - L) and column number are found on the left side of the page, followed by an explanation or description of the entry required, together with the possible entries. Those entries requiring no tier number are preceded by the column number only.

IDENTITY DATA:

9-10 Type of Data

DH Diamond drill hole
ST Surface Trace
TR Trench

11-18 Drill Hole/Traverse Name and Number, i.e.

WS870001 WS - Wayside
WS870001 87 - year
WS870001 0001 - number

25-28 Size of Drill Core - if more than one size used, record them all, left justified

NQ

29-34 Date the hole/traverse was collared - year month day

41-46 Initials of person(s) who logged the hole

MDM Margaret McPherson
LDM Lorie Moffat
RUB Ragnor Bruaset
SGM Sandy McAllister

47-52 Date the hole/traverse was completed - year month day

53-70 Claim name

77-78 Units

MT metres

SURVEY DATA:

1	S Survey Information
2-4	000
5-10	Meterage at starting point (0.00)
11-16	Meterage of first survey point (91.44)
21-26	Azimuth at 0.00 metres in degrees (269.21)
27-32	Dip of the hole/traverse at the collar, in degrees (-45.00)
51-60	Northing at the collar - Grid Co-ordinate
61-70	Easting at the collar - Grid Co-ordinate
71-80	Elevation at the collar, in metres

SURVEY INFORMATION: For each dip test the following information must be completed:

1	S
2-4	Survey number: first test is 001, second test is 002, etc.
5-10	Meterage where dip test was taken (0000.00)
11-16	Meterage where next furthest dip test was taken (0000.00). If there are no further dip tests, record the total meterage of hole/traverse
21-26	Azimuth of hole/traverse at the meterage where azimuth test was taken, in degrees (271.50). If no azimuth test was taken, record collar azimuth
27-32	Dip of hole/traverse at the meterage where dip test was taken, in degrees (-45.00)

BLOCK TO BLOCK INFORMATION:

2-3 & 43-44	Core box number, right justified	
5-10 & 48-52	Metrage of blocks (0000.00)	
13-16 & 55-58	Actual length of core measured in metres (00.00)555-58	
	Recovery:	the percent recovery between blocks is calculated automatically by the computer as follows; the sum of the actual length of drill core recovered (from 13-16 and 55-58) divided by the calculated length between blocks, times 100.
18-20 & 62-64	Percentage recovery between blocks calculated by computer	
24-27 & 67-70	RQD length:	measured sum of core lengths greater than 2.5 times the core diameter
	RQD:	Rock Quality Designator is calculated as a percentage between blocks automatically by the computer as follows; the sum of the length of pieces of core recovered (RQD length from 24-27 and 67-70) which are at least 2.5 times the core diameter (i.e. HQ - 15 cm, NQ - 10 cm, BQ - 7 cm) divided by the calculated length between blocks, times 100. The core is measured from centre to centre. 'RQD' is measured over each block to block interval.

ASSAY INFORMATION:

1	A
2-4	FTN
5-10	From: start of sample in metres (0000.00)
11-16	To: end of sample in metres (0000.00)
17-21	Length of sample in metres (00.00)
28-33	Sample number, right justified

GEOLOGICAL INFORMATION:

U1 Type of Interval

- P Primary geological interval, 'PGI'
- D Ditto: Subinterval within the 'PGI' that has most of the same characteristics as the 'PGI'
- N Nest: Subinterval within the 'PGI' that is substantially different from the 'PGI', i.e. dyke

Type of Entry

- A Assay information
- L Lower tier entry
- R Remarks (columns 17-80)
- S Survey information
- U Upper tier entry

U2-4 Flags

- FTN Assay file (From, To, Number)
- REC Block recovery
- SUM Summary remarks
- SVY Survey remarks

U5-10 From: in metres (0000.00)

U11-16 To: in meters (0000.00)

U21-22 TMOD: Type Modifier - Secondary (alteration) modifier of rock type. If rock type is BX_ _ then type modifier refers to dominant matrix composition.

- AB albitized
- CA calcareous
- CL chloritic
- CY clay altered
- DO dolomitic
- FC Fe-carbonate altered
- FS fine sulphide-rich
- LI limonitic
- PY pyritic
- SI siliceous
- SR serpentinized

U23 % Mix: % Mixture - This describes the percentage of the rock type named in the subinterval that is present in the subinterval, i.e. y% mix indicates that (100-y) % of the 'PGI' rock type occurs in the subinterval. All Nested and Ditto intervals must have a % mixture. Use the G - scale.

U24-27 Rock Types

ALBT	albitite
ARGL	argillite
CASE	casing
CAVE	caved material
CHRT	chert
CONG	conglomerate
D/AN	dyke; andesitic
D/FL	dyke; felsic
D/FP	dyke; feldspar porphyry
D/HF	dyke; hornblende-feldspar porphyry
D/IN	dyke; intermediate
D/MF	dyke; mafic
D/QF	dyke; quartz-feldspar porphyry
DYKE	dyke; undifferentiated
DIOR	diorite
FAUL	fault zone
GABR	gabbro
GNST	greenstone
GRAN	granite
GRQZ	quartz-rich granite
GWAC	greywacke
LMST	limestone
LOST	lost core
MISN	missing core
OVER	overburden
SAND	sandstone
SERP	serpentinite
SILT	siltstone
TRIC	triconed
ULMF	ultramafic
VEIN	vein
VNCQ	vein; calcite-quartz
VNQC	vein; quartz-calcite
VNQZ	vein; quartz

L28-29 Colour - Two C-scale symbols can be used together , i.e. RU red-brown. Dominant colour is second entry when using two colours

L28	Lightness L-scale
W	white
9	palest
8	pale
7	light
6	lighter (m. light)
5	medium (50% light)
4	darker (m. dark)
3	dark
2	very dark
1	darkest
N	black

L28/L29	Colour range C-scale
A	grey
B	blue
G	green
K	pink
L	lime (YG)
M	mauve (PR)
N	black
O	orange
P	purple
Q	aqua (BP)
R	red

L28-29 (Cont'd)

L23/L29 Colour range C-scale

T	tan (khaki)
U	brown (umber)
V	violet (BP)
W	white
Y	yellow

U32-33 QM1: Qualifying materials 1

BL bleached

U34 QM1: Modifier of bleached

X	completely
9	extremely strong
8	very strong
7	strong
6	fairly strong
5	moderate
4	fairly weak
3	weak
2	very weak
1	extremely weak
0	patchy

U35-36 TX1: TX1-4 can be used to record up to four textures
U37-38 TX2:
L35-36 TX3:
L37-38 TX4:

Textures

A*	amygdaloidal
BD	bedded
BN	banded
BW	boxworked
BX	brecciated
CM	chilled margin
CT	clastic
EQ	equigranular
FO	foliated
FR	fragmental
KR	crackled
LM	laminated
MX	massive
PA	patchy
PP	porphyritic
RB	rebrecciated
RN	ribbon banded
SH	sheared
SK	stockworked
VG	vuggy
VS	vesicular

U39-42 Grain Size

U39 FF: Mean size of fine fraction. Use the S-scale.
U40 CF: Mean size of coarse fraction. Use the S-scale.
U41 %C: % Coarse fraction. Use the G-scale.
U42 MP: Maximum particle size. Use the S-scale.

S-scale for grain or particle size

	Assigned Value	Range
0	0.003 mm	- 0.004 mm
1	0.008 mm	0.004 - 0.016 mm
2	0.03 mm	0.016 - 0.06 mm
3	0.12 mm	0.06 - 0.25 mm
4	0.5 mm	0.25 - 1 mm
5	2 mm	1 - 4 mm
6	8 mm	4 mm - 1.6 cm
7	3.2 cm	1.6 - 6.4 cm
8	13 cm	6.4 cm - 0.25 m
9	0.5 m	0.25 - 1 m
x	2 m	1 m -

L39-42 For Clastic Sediments

L39 SR: Sorting

Degree of Sorting

1 extremely poor
2 very poor
3 poor
4 moderately poor
5 moderate
6 moderately good
7 good
8 very good
9 extremely good

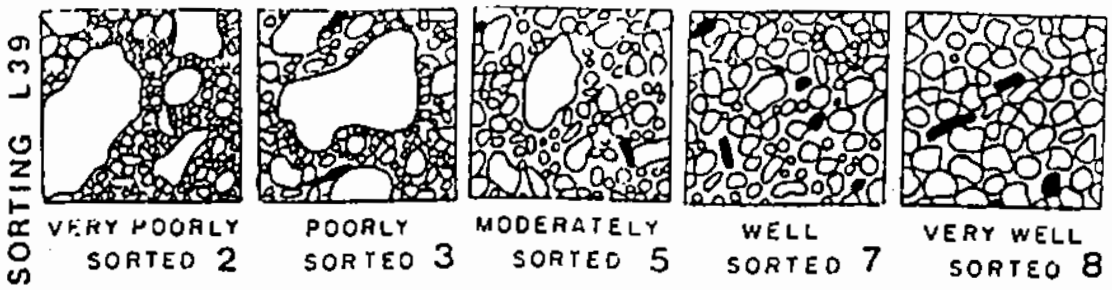
L40 RN: Roundness

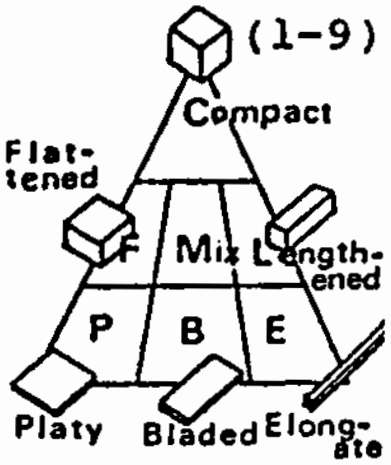
Degree of Roundness

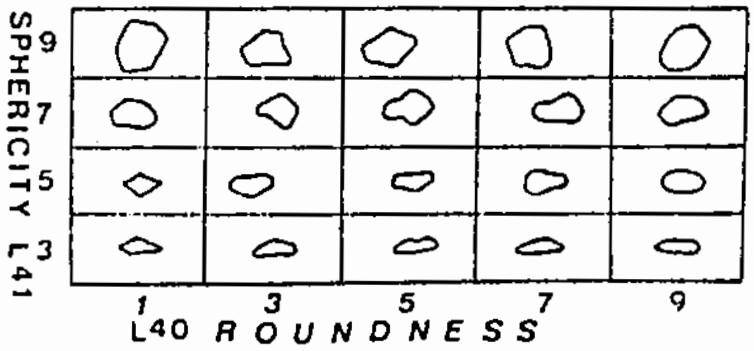
1 extremely angular
2 very angular
3 angular
4 moderately angular
5 intermediate
6 moderately rounded
7 rounded
8 very rounded
9 extremely rounded

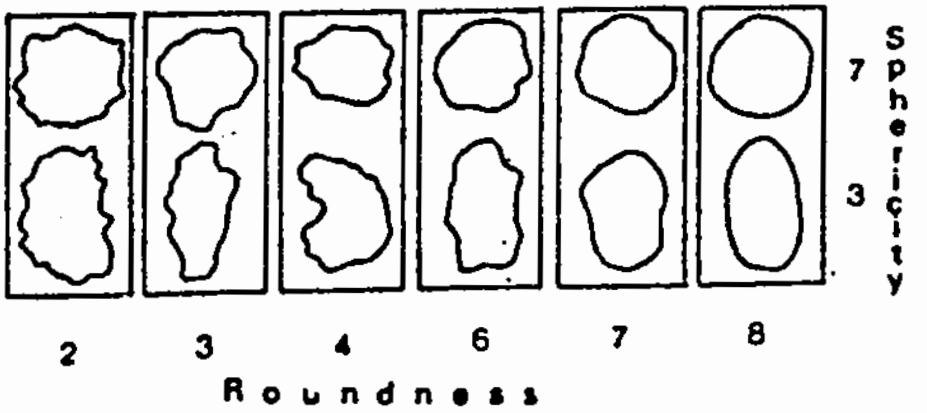
IGNEOUS, METAMORPHIC & CHEMICAL	PARTICLE DIAMETER RANGE	THE S-SCALE FOR GRAIN OR PARTICLE SIZE					VOLCANI-CLASTICS
		ASSGN VALUE	SYM BOL	<<FOR GENERAL WORK FOR DETAIL WORK>>	SYM BOL	ASSGN VALUE	
Glassy	2^{-8}=.004	.003 mm	0	CLAY SIZE	A	.003	fine ash
Extremely fine grained (aphanitic)	2^{-7}	.008	1	V.FINE SILT	B	.006	
				FINE SILT	C	.011	
	2^{-6}=.016						
	2^{-5}	.03	2	MEDIUM SILT	D	.022	
				COARSE SILT	E	.044	
	2^{-4}=.06						
Fine grained	2^{-3}	.12	3	V.FINE SAND	F	.088	coarse ash
				FINE SAND	G	.177	
	2^{-2}=.25						
	2^{-1}	.5	4	MEDIUM SAND	H	.354	
				COARSE SAND	I	.707	
	2^{0} = 1						
Medium grained (granular)	2^{1}	2	5	GRIT	J	1.41	
				GRANULE	K	2.83	
	2^{2} = 4						
Coarse grained	2^{3}	8	6	V.SMALL PEBBLE	L	5.66	small lapilli
				SMALL PEBBLE	M	11.3	
	2^{4} = 16						
Very coarse grained	2^{5}	3.2 cm	7	MEDIUM PEBBLE	N	22.6	large lapilli
				LARGE PEBBLE	Ø	45.3	
	2^{6} = 64						
Pegmatitic	2^{7}	13	8	SMALL COBBLE	P	90.5	cobble-size bombs & blocks
				LARGE COBBLE	Q	181	
	2^{8} =250						
Megapegmatitic	2^{9}	½ m	9	SMALL BOULDER	R	362	boulder-size bombs & blocks
				MEDIUM BOULDER	S	724	
	2^{10}= 1m						
Extra-coarse megapegmatitic	2^{11}	2 m	X	LARGE BOULDER	T	1450	extra large bombs & blocks
				V.LARGE BOULDER	U	2900	

NOTE: It is quite permissible to intermix the alphabetic symbols with the numeric symbols of this S-Scale, whenever detail work demands it — no conflict ensues by doing so.


SORTING L39
VERY POORLY SORTED 2
POORLY SORTED 3
MODERATELY SORTED 5
WELL SORTED 7
VERY WELL SORTED 8


(1-9)
Compact
Flat-tened
F
Mix
Length-ened
P
B
E
Platy
Bladed
Elong-ate


SPHERICITY L41
9
7
5
3
1
3
5
7
9
L40 ROUNDNESS


7
3
Sphericity
2
3
4
6
7
8
Roundness

L41 SH: Sphericity

Degree of Sphericity

1	extremely poor
2	very poor
3	poor
4	fair to poor
5	fair
6	fair to good
7	good
8	very good
9	excellent
B	bladed
C	compact, cubic
E	elongated
F	flattened
L	lengthened
M	mixed
P	platy

L42 O/C: Framework

O open: matrix supported
C closed: framework supported

L46 ξ I: total fracture intensity. Use the F-scale

F-scale Fracture intensity

X	shattered
9	extremely well fractured
8	very well fractured
7	well fractured
6	fairly well fractured
5	moderately fractured
4	fairly lightly fractured
3	lightly fractured
2	very lightly fractured
1	slightly fractured
0	unfractured

U48 T1: Thickness - describes thickness of feature in structural
L48 T2: identity 1 and 2, respectively (U49-50, L49-50) using T-scale.

T-Scale	Assigned Value	Range	
0	1 mm	- 2 mm	thinly laminar
1	3.5 mm	2 - 5 mm	laminated
2	1 cm	.5 - 2 cm	very thin
3	3.5 cm	2 - 5 cm	thin bedded
4	12 cm	5 - 20 cm	medium-thin bedded
5	35 cm	20 - 50 cm	medium bedded
6	1.2 m	.5 - 2 m	medium thick bedded
7	3.5 m	2 - 5 m	thick bedded
8	12 m	5 - 20 m	very thick bedded
9	30 m	20 m -	extremely thick bedded

U49-50 STRUC 1 ID: Structural identity 1
L49-50 STRUC 2 ID: Structural identity 2

BD	bedding
BN	banding
CM	chilled margin
CQ	calcite-quartz vein
CV	calcite vein
FC	fault contact
F/	fracture
FO	foliation
FZ	fault zone
LC	lower contact
LM	lamination
QA	quartz-iron carbonate vein
QC	quartz-calcite vein
QD	quartz-dolomite vein
QV	quartz vein
SH	shear
SS	slickensides
SV	sulphide vein
UC	upper contact
VN	vein

U55-56 DIP: angle to long axis of core of feature identified in structural ID 1
L55-56 DIP: and 2 respectively, in degrees (core not oriented and dip direction unknown).

U57-76 & L57-76 Alteration and ore minerals. The first column of each pair is used to describe how the mineral occurs using the H-scale. The second column is to indicate the percentage of the mineral present, using the G-scale. (breccias - describes matrix compasition only. First column of each pair describes how the mineral occurs using the H-schale i.e. #-breccia matrix infillings. The second column is percentage of total matrix composition - using G-scale).

U57-58	QZ:	quartz
L57-58	CA:	calcite
U59-60	MR:	mariposite
L59-60	MU:	muscovite/sericite
U61-62	CY:	clay
L61-62	CL:	chlorite
U63-64	AK:	ankerite (used far Fe-carbonates in general)
L63-64	EP:	epidote
U65-66	SR:	serpentine
L65-66	HE:	hematite
U67-68 & U75-76	XX: YY:	for a mineral not in the other alteration columns, specify by using the two letter code far that mineral (if possible record metal oxides and sulphides in the 'YY' column).

	BT	biotite
	GL	galena
	MT	magnetite
	PL	pyrolusite
	SP	sphalerite
	TA	talc
	TO	tourmaline

L67-68 & L75-76 — In the first column the H-scale is used to describe how the mineral in U67-68 or U75-76 occurs. The second column is used for percentage, use G-scale.

U69-70	PY:	pyrite
L69-70	PR:	pyrrhotite
U71-72	CP:	chalcopyrite
L71-72	AS:	arsenopyrite
U73-74	LI:	limonite
L73-74	FS:	fine sulphides

H-scale - most dominant single mode

A	amygdules
B	blebs
#	breccia matrix fillings
C	coatings
*	clasts
D	disseminations and scattered crystals
E	envelopes
F	framework crystals
G	gouge
H	replaced, phenocrysts
I	eyes, augen
J	interstitial
K	stockwork
L	laminations - bedded
M	massive
N	nodules
O	spots
P	pervasive
Q	patches (as in quilts)
R	rosettes and crystal clusters
S	selvages
$	sheeting
T	staining (as in tarnish)
U	euhedral crystals
V	veins
>	macroveins (>10 cm)
<	microveins (<1 mm)
W	boxwork
Y	dalmationite
0	fresh primary rock

SCALES:

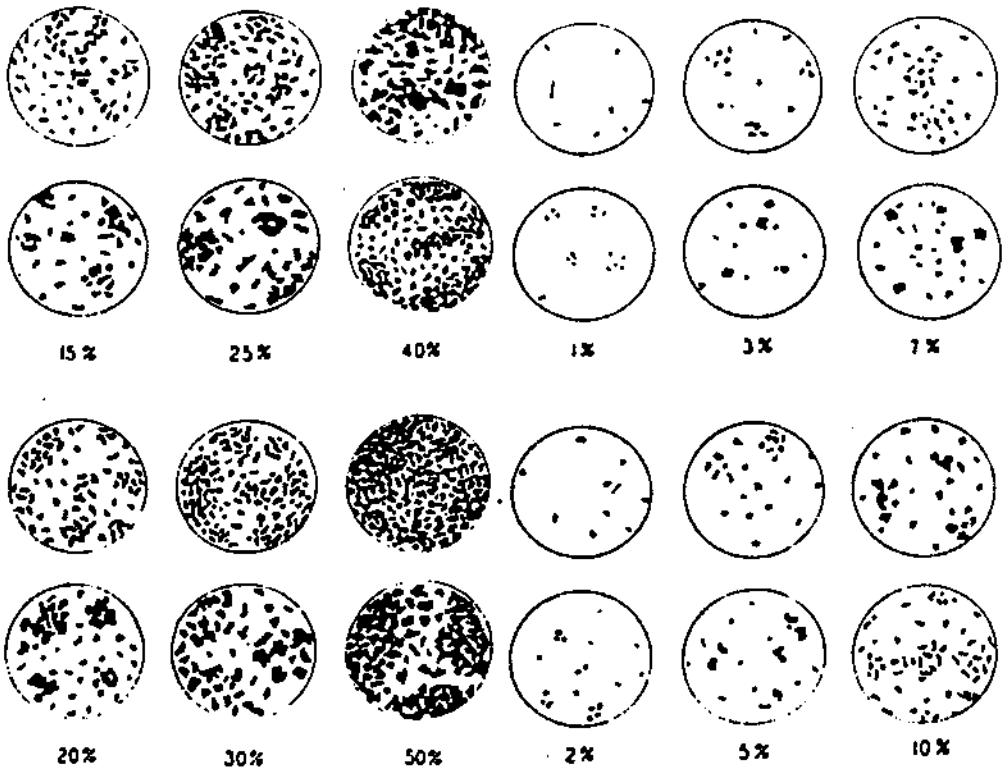
C-Scale: Colour Range - see page 4
F-Scale: Fracture Intensity - see page 7

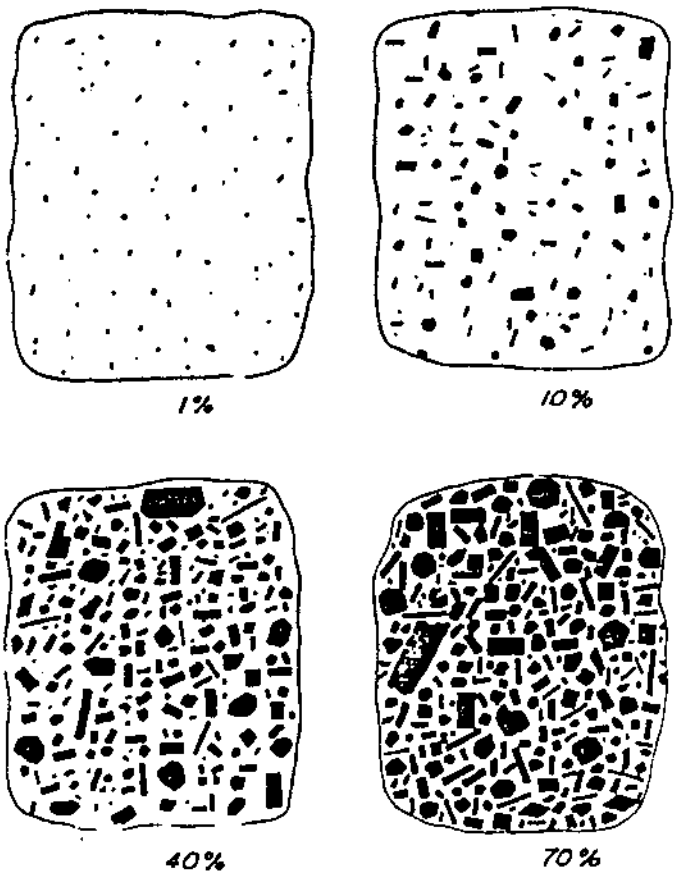
G-Scale: Percentage estimate of any geological material

	Assigned %	Range
0		Nil, absent
/		Present, no estimate given
?		Possibly present
.	.01	Trace, less than or equal to 0.02
-	.03	.02 - .05
(	.1	.05 - .2
*	.3	.2 - .5
)	1	.5 - 2
+	3	2 - 3
=	5	3 - 7
1	10	7 - 15
2	20	15 - 25
3	30	25 - 35
4	40	35 - 45
5	50	45 - 55
6	60	55 - 65
7	70	65 - 75
8	80	75 - 85
9	90	86 - 99
X	100	Essentially 100%

H-Scale: How - most dominant single mode - see page 9
L-Scale: Lightness - see page 4
N-Scale: Facies and Structural Intensity - see page 10
S-Scale: Grain or particle size - see page 6
T-Scale: Thickness - see page 7

NOTE: On ditto intervals (D) use " to cancel out any entry from the PGI that is not present in the ditto. The newly recorded conditions will replace those that would have been carried down from the PGI.


15%
25%
40%
1%
3%
7%
20%
30%
50%
2%
5%
10%


1%
10%
40%
70%

APPENDIX VII

DIAMOND DRILL LOGS

Chevron Minerals Ltd.
M577

DRILLHOLE/TRAVERSE : MS880009

PROJECT IDEN : M577	START DATE : 88/ 7/ 5	COMPLETION DATE : 88/ 7/10	GEOLOGGED BY : RUB + SGM
COLLAR NORTHING: 5835995.00	COLLAR EASTING : 512315.00	COLLAR ELEVATION: 859.00	GRID AZIMUTH : 0.00
	TOTAL LENGTH : 260.30	CORE/HOLE SIZE : NQ	

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING
000	0.00		218.00	-75.00		
001	202.80		218.00	-64.00		
002	259.80		218.00	-79.00		

K E Y	F L A G	- INTERVAL - FROM - TO (UNITS = MT)	CORE RECOVERY (%)	% M ROCK I X	TYPE	TYPIFYING 1	TYPIFYING 2	QAL MIN MAT	TEXTURES TX 1	TEXTURES TX 2	GRAIN CHARACS F	GRAIN CHARACS C	GRAIN CHARACS %	GRAIN CHARACS M	FRACTURE P	FRACTURE #	FRACTURE TK	STRUCTUR-1 T	STRUCTUR-1 ID	STRUCTUR-1 STK AZM	STRUCTUR-1 DIP RT	ALTERATION MINS H A QZ	ALTERATION MINS H A NR	ALTERATION MINS H A CY	ALTERATION MINS H A AK	ALTERATION MINS H A SR	ORE-TYPE MINS H A MIN A	ORE-TYPE MINS H A XX	ORE-TYPE MINS H A PY	ORE-TYPE MINS H A CP	ORE-TYPE MINS H A LI	ORE-TYPE MINS H A YY	SUMMARY
K	F		ROCK QUAL DESIG	FOR MEM AGE	EN V	RT Q	TM LC- COL	QM2 3	TX 3	TX 4	S O R	R N D	S H P	O / C	DIP SML	F I		T 2	ID	STRUCTUR-2 STK AZM	DIP RT	CA H A	MU H A	CL H A	EP H A	HE H A	HA H A	PR H A	AS H A	FS H A	HA H A				
P		0.00	49.07					OVER							P																			
R P		0.00	49.07	OVERBURDEN: NO CORE RECOVERED. TRICONE USED IN OVERBURDEN AND																															
R P		0.00	49.07	HOLE CASED TO BEDROCK.																															
P		49.07	126.37		DIOR		BLO EQ MX	4 5 7 5			P		UC	50	V-			TA	D.															
L					GA						5		LC	40	V)		S*																	
R P		49.07	126.37	DIORITE: MEDIUM GRAINED, MASSIVE. DISSEMINATED TALC COMMON BUT																															
R P		49.07	126.37	TALC ALSO PRESENT IN FRACTURES. EPIDOTE FOUND IN FACTURES IN																															
R P		49.07	126.37	ZONES ABOUT 1CM THICK. FAULT AT 49.76-50.12M WITH GOUGE ON																															
R P		49.07	126.37	FRACTURES AT 40 DEG. CATACLASTIC METAMORPHISM AT 124.85-125.25M																															
R P		49.07	126.37	AT 15-20 DEG.																															
R N		76.42	82.46	DIORITE(?):INTENSELY ALTERED, ABUNDANT CALCITE VEINS TYPICALLY																															
R N		76.42	82.46	2-10MM WIDE, TO A MAXIMUM OF 17CM. MINOR QUARTZ ASSOCIATED WITH																															
R N		76.42	82.46	CALCITE VEINS. ALSO, ABUNDANT CALCITE MICROVEINS. CORE ANGLES OF																															
R N		76.42	82.46	CALCITE BEARING STRUCTURES ARE 70 TO 90 DEG.																															
N		76.42	82.46		X DIOR		BLO KR BX	4 5 3 5			N				V-	B*				TA	D.													
L					7G						7				V2					D1														
R N		86.64	90.93	DIORITE(?): INTENSELY ALTERED WITH ABUNDANT CALCITE VEINS																															
R N		86.64	90.93	INCLUDING MINOR ASSOCIATED QUARTZ. PERVASIVE IRON CARBONATE																															
R N		86.64	90.93	ALTERATION. VEIN CORE ANGLES GENERALLY 70-75 DEG. VEIN AT																															
R N		86.64	90.93	89.40-89.80M AT 0 DEG.																															
N		86.64	90.93		X DIOR		BLO KR EQ	4 5 3 5			N				Q*		P3			O*														
L					GA																													
R N		90.93	110.41	DIORITE: FINE TO MEDIUM GRAINED WITH PROMINANT PLUTONIC																															
R N		90.93	110.41	XENOLITHS SET IN PLUTONIC GROUND MASS. SHEARING AT 50 DEG. AT																															
R N		90.93	110.41	88.5M. STRONGLY ALBITIZED. MINOR FAULT AT 99.32-99.87																															
R N		90.93	110.41	M WITH GOUGE AT 10DEG. INCLUDES GROUND UP PYRITE AT 99.84M. THE																															
R N		90.93	110.41	STRUCTURE IS ABOUT 1CM THICK.																															
N		90.93	110.41		AB 2 DIOR		BX	4 5 3 5			N				Q)					O.														
L					GA						3				V=	H1																	
R N		110.41	117.55	DIORITE: GENERALLY MEDIUM GRAINED, INTENSELY ALTERED (EPIDOTE																															
R N		110.41	117.55	AND ALBITE) WITH BLACK CHERT INCLUSIONS (ANGULAR). CATACLASTIC																															

Chevron Minerals Ltd.
M577

DRILLHOLE/TRAVERSE : MS880009 (CONTINUED)

```
  F  - I N T E R V A L -   CORE      %      TYPI- QAL  TEX-  GRAIN FRAC-       STRUCTUR-1 ALTERATION MINS  ORE-TYPE MINS
K L (UNITS = MT)           RECOV-    M ROCK FYING MIN TURES CHARACS TURE                H  H  H  H  H ANY H  H  H ANY
E A                         ERY      I      TM TM MAT TX TX F C % M            T ID STK DIP  A  A  A  A  A MIN A  A  A MIN
Y G  F R O M  -  T O       ( % )     X TYPE  1  2 QM1  1  2 F F C P  # TK      1    AZM  RT QZ MR CY AK SR XX PY CP LI YY  SUMMARY
- --- -----.--   -----.--  ----.- -- - ---- -- -- --- -- -- - - - - - -- -- -  - -- --- --- -- -- -- -- -- -- -- -- -- --  - - - -
K F                        ROCK   FOR EN RT    TM QM2 TX TX S R S O DIP F      T ID STK DIP CA MU CL EP HE HA PR AS FS HA
E L                        QUAL   MEM  V  Q LC- 3       3  4 O N M / SML I     2    AZM  RT    H  H  H  H  H  H  H  H
Y G                        DESIG  AGE        COL           R D P C             STRUCTUR-2       A  A  A  A  A  A  A  A

R N    110.41    117.55       METAMORPHISM. ALBITIZATION PARTICULARLY INTENSE AT 114.91-
R N    110.41    117.55       117.35M WITH LOCAL ASSOCIATED EPIDOTE.
N      110.41    117.55         AB 3 DIOR       BL4 EQ SH 3 5 3 5       M               Q)             D.
L                                      GA         SH                  9                 V)     D1 Q*

P      126.37    139.42         AL   D/IN           EQ    4 5 5 5       P    UC       30 Q)             D.
L                                      7A                             8    FC       20 V+    H=
R P    126.37    139.42       INTERMEDIATE DYKE: MEDIUM GRAINED MOTTLED DYKE WITH LESS MAFICS
R P    126.37    139.42       THAN ABOVE. ABUNDANT CALCITE VEINS TYPICALLY 5MM THICK AT 75DEG.
R P    126.37    139.42       ALBITIZATION THE DOMINANT ALTERATION. SMALL SCALE CATACLASTIC
R P    126.37    139.42       METAMORPHISM @ 25 DEG. WITH QUARTZ AUGEN AT 127.10-127.35M.
R P    126.37    139.42       MINOR FAULT @ 20 DEG. AT 136.08M. BRECCIATION OVER 3CM AT 20
R P    126.37    139.42       DEG. AT 128.00M.

P      139.42    166.80             DIOR            EQ BX 4 5 4 6       P    UC       25                D.
L                                      GA                             4                 V+    H)
R P    139.42    166.80       DIORITE: SIMILAR TO 90.93-110.11M. INTERMEDIATE DYKES AS 126.45
R P    139.42    166.80       TO 139.42M.
R N    163.17    166.80       FELDSPAR PORYPHYRY DYKE: CUT BY CALCITE VEINS, 2-3MM
R N    163.17    166.80       WIDE. INTENSE CRACKLE BRECCIATION AT 165.85M. FRAGMENT
R N    163.17    166.80       SUPPORTED BRECCIA CONTAINING MINOR BANDED SILICA. PYRITE ALSO
R N    163.17    166.80       FRACTURE CONTROLLED.
N      163.17    166.80           X D/FP            PP BX 4 5 2 6       N    UC       25                D.
L                                      KA                             5                 (*    H-

P      166.80    204.48         AB   GRAN       BLO EQ    4 5 4 6       P                 V)             D(
L                                      6A                                               V*    H=        D.
R P    166.80    204.48       ALBITIZED GRANITE: PORPHYRITIC AND VERY BLOCKY. FAULT AT 25 DEG.
R P    166.80    204.48       AT 171.51M. MAFICS INTENSELY ALTERED. SHARP UPPER CONTACT.
R P    166.80    204.48       CHLORITIC MICROVEINS AT 181.87M. CRACKLED WITH FINE GRAINED
R P    166.80    204.48       SULPHIDES INCLUDING PYRITE FROM 191.35-191.39M. 3CM THICK ZONE
R P    166.80    204.48       OF QUARTZ VEINS AND FINE SULPHIDES AT 191.61M. SHEARING AT
R P    166.80    204.48       191.81M. BLEACHING AT 199.32-199.64M. THE LOWER CONTACT IS
R P    166.80    204.48       GRADATIONAL. QUARTZ STOCKWORK WITH DISSEMINATED PYRITE AND
R P    166.80    204.48       ARSENOPYRITE  AT 169.30-169.77M.

P      204.48    212.45             DIOR            EQ    4 5 4 6       P                 Q)
L                                      GA                             4                 V*    H=        D(

P      212.45    233.28         AB   GRAN       BLO EQ    4 5 4 6       P                 Q)             D(
L                                      6A                                               V)       H=
R N    214.00    219.46       GRANITE: INTENESLY FRACTURED,PARTICULARLY AT 215.8-218.0M. THIS
R N    214.00    219.46       IS ONE OF THE MOST PYRITIC SECTIONS IN THIS HOLE.
R N    214.00    219.46       NO QUARTZ VEINS BUT POTENTIAL EXISTS IN SECTIONS OF INTENSE
```

Chevron Minerals Ltd.
M577

DRILLHOLE/TRAVERSE : MS880009 (CONTINUED)

K	F L A G	- INTERVAL - (UNITS = MT) FROM - TO	CORE RECOVERY (%)	% M I X	ROCK TYPE	TYPIFYING MIN MAT 1	TYPIFYING MIN MAT 2	QAL QMI	TEXTURES TX 1	TEXTURES TX 2	GRAIN CHARACS F	C	%	M	FRACTURE #	TK	STRUCTUR-1 T	ID	STK AZM	DIP RT	ALTERATION MINS H A QZ	H A MR	H A CY	H A AK	H A SR	ANY MIN XX	ORE-TYPE MINS H A PY	H A CP	H A LI	ANY MIN YY	SUMMARY
K	F L G		ROCK QUAL DESIG	FOR MEM AGE	EM V	RT Q	LC- COL	TM 3	QM2	TX 3	TX 4	S O R	R N D	S H P	O / C	DIP SML	F I	T 2	ID	STK AZM	DIP RT	CA H A	MU H A	CL H A	EP H A	HE H A	HA H A	PR H A	AS H A	FS H A	HA H A	
R	N	214.00	219.46	MICROFRACTURES.																										
N		214.00	219.46	AB X GRAN				EQ	KR	4	5	4	6		N					Q)						D=				
L							6G								9					VX	H=									
P		233.28	260.30	DIOR			BLO	EQ		4	5	4	5		P					Q(						D(				
L							GA								6					V*	H2									
R	P	233.28	260.30	DIORITE: PATCHY BLEACHING. SEVERAL CALCITE VEINS 2-4CM WIDE																										
R	P	233.28	260.30	AT 75-80 DEG. AT 237.05-239.42M. MAGMATIC BRECCIA																										
R	P	233.28	260.30	CONSISTING OF FINE GRAINED TO APHANITIC LITHOLOGY SET IN																										
R	P	233.28	260.30	GRANITIC GROUNDMASS. AT 40.50-40.95M.																										
R	N	244.80	259.00	DIORITE: SLIGHTLY MORE QUARTZ VEINING, 2-4MM WIDE. BRAIDED																										
R	H	244.80	259.00	QUARTZ ENRICHED FRACTURES PARALLEL TO CORE AXIS AT 244.80-																										
R	N	244.80	259.00	245.26M AND 258.00-258.06M. FINE GRAINED DYKE WITH GRANITIC																										
R	N	244.80	259.00	INCLUSIONS AT 259.12-260.20M.																										
N		244.80	259.00	X DIOR				EQ		4	5	4	6		N					V)						D*				
L							6A								6					V*	H=									

S U M M A R Y R E M A R K S

ORILL HOLE MS880009, WAS COLLARED ON THE MUO FLATS 200M NW OF THE NO. 5 PORTAL AND WAS ORILLED TO TEST THE WAYSIDE MAIN STRUCTURE 100M OOWN DIP FROM THE NO. 9 LEVEL. THIS WAYSIOE MAIN ZONE HOLE WAS ORILLED 260.30 M AT AN AZIMUTH 218 DEG. AND A DIP OF -75 DEG.

OVERBUROEN OCCURS FROM 0-49.07M. DIORITE CUT BY DYKES AND GRANITE WAS COREO FROM 49.07-260.30M. ALBITIZED GRANITE WITH QUARTZ VEINING AND DISSEMINATED PYRITE OCCURS AT 166.80-204.48M AS WELL AS AT 212.45-233.28M.

M577 - WS880009 - SAMPLE INTERVALS

LINE	FROM	TO	NUMBER	LENGTH
1	0.00	76.42		
2	76.42	77.42	79001	1.00
3	77.42	78.61	79002	1.19
4	78.61	79.61	79003	1.00
5	79.61	80.61	79004	1.00
6	80.61	82.46	79005	1.85
7	82.46	86.64		
8	86.64	87.64	79006	1.00
9	87.64	88.75	79007	1.11
10	88.75	90.73	79008	1.98
11	90.73	98.32		
12	98.32	99.87	79009	1.55
13	99.87	114.91		
14	114.91	115.91	79010	1.00
15	115.91	117.55	79011	1.64
16	117.55	157.85		
17	157.85	158.85	79901	1.00
18	158.85	159.85	79902	1.00
19	159.85	160.85	79903	1.00
20	160.85	161.85	79904	1.00
21	161.85	162.85	79905	1.00
22	162.85	163.85	79906	1.00
23	163.85	164.85	79907	1.00
24	164.85	165.85	79908	1.00
25	165.85	166.80	79012	0.95
26	166.80	168.35	79013	1.55
27	168.35	169.30	79014	0.95
28	169.30	169.77	79015	0.47
29	169.77	170.77	79909	1.00
30	170.77	171.77	79910	1.00
31	171.77	172.77	79911	1.00
32	172.77	174.19	79912	1.42
33	174.19	175.11	79913	0.92
34	175.11	176.78	79914	1.67
35	176.78	177.50	79915	0.72
36	177.50	178.92	79916	1.42
37	178.92	180.40	79917	1.48
38	180.40	181.87	79918	1.47
39	181.87	182.87	79016	1.00
40	182.87	185.01	79919	2.14
41	185.01	187.45	79920	2.44
42	187.45	188.98	79921	1.53
43	188.98	191.11	79922	2.13
44	191.11	191.61	79017	0.50
45	191.61	192.63	79923	1.02
46	192.63	194.16	79924	1.53
47	194.16	195.68	79925	1.52
48	195.68	196.60	79926	0.92
49	196.60	213.00		
50	213.00	214.00	79018	1.00
51	214.00	215.00	79019	1.00
52	215.00	216.00	79020	1.00
53	216.00	217.00	79021	1.00
54	217.00	218.00	79022	1.00

M577 - MS880009 - SAMPLE INTERVALS

LINE	FROM	TO	NUMBER	LENGTH
55	218.00	219.46	79023	1.46
56	219.46	237.80		
57	237.80	239.42	79024	1.62
58	239.42	257.98		
59	257.98	258.96	79025	0.98
60	258.96	260.30		

Chevron Minerals Ltd.
M577

DRILLHOLE/TRAVERSE : MS880010

PROJECT IDEN : M577	START DATE : 88/ 7/12	COMPLETION DATE : 88/ 7/14	GEOLOGGED BY : RUB + SGM
COLLAR NORTHING: 5636230.00	COLLAR EASTING : 511893.00	COLLAR ELEVATION: 908.00	GRID AZIMUTH : 0.00
	TOTAL LENGTH : 88.39	CORE/HOLE SIZE : NQ	

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING
000	0.00		220.00	-80.00		
001	88.39		220.00	-79.00		

K	F L A G	- INTERVAL - (UNITS = MT) FROM - TO	CORE RECOVERY (%)	% M I X	ROCK TYPE	TYPIFYING MIN TM 1	QAL MIN MAT 2 QM1	TEXTURES TX 1	TX 2	GRAIN CHARACS F	F	C	% M	FRACTURE P	#	TK	STRUCTUR-1 T	ID	STK AZM	DIP RT	ALTERATION MINS H A QZ	H A MR	H A CY	H A AK	H A SR	ANY MIN XX	ORE-TYPE MINS H A PY	H A CP	H A LI	ANY MIN YY	SUMMARY
K	F		ROCK QUAL DESIG	FOR MEM AGE	EN V	RT Q	LC- COL	TM 3	QM2 3	TX 3	TX 4	S O R	R N B	S H P	O / C	DIP SML	F I	T 2	ID	STK AZM	DIP RT	CA H A	MU H A	CL H A	EP H A	HE H A	HA H A	PR H A	AS H A	FS H A	HA H A	
																	STRUCTUR-2														
P		0.00 1.52			OVER									P																	
P		1.52 50.30			DIOR			EQ	MX	4	5	5	6	P																D)
L						AG		PA	SH					5						V*		H5	Q(							
R	P	1.52 50.30			DIORITE: GREY GREEN WITH CHLORITE AFTER MAFICS WITH OCCASIONAL																											
R	P	1.52 50.30			SECTIONS UP TO 1M OF PEGMATITIC DIORITE, EG. 17.2M, 18.60-																											
R	P	1.52 50.30			19.41M, 20.64-21.04M AND 27.30-28.30M. CHLORITE IS THE																											
R	P	1.52 50.30			DOMINANT ALTERATION MINERAL FOLLOWED BY CALCITE WHICH OCCURS																											
R	P	1.52 50.30			IN VEINS AND MICROFRACTURES. ALBITIZATION(?)AT 29-29.20M AND																											
R	P	1.52 50.30			29.57-29.71M. FAULTING AT 31.10-31.50M WITH SLICKENSIDES ON																											
R	P	1.52 50.30			FRACTURES AT 40-60 DEG. FAULT AT 32.60-32.75M AT 25 DEG. WITH																											
R	P	1.52 50.30			SLICKENSIDES. FAULTING AT 33.00-33.62M AT 10-40 DEG.																											
R	P	1.52 50.30			FAULT ZONE AT 34.10-37.04M, SLICKENSIDES AND SHEARING WITH CORE																											
R	P	1.52 50.30			ANGLES AT 10-20 DEG. 4CM THICK QUARTZ VEIN AT 40 DEG. AT																											
R	P	1.52 50.30			36.65M. FAULTING AT 20 DEG. FROM 35.90-36.30M. 5CM THICK																											
R	P	1.52 50.30			DEFORMED QUARTZ STRINGER FROM 37.34-39.27M. OTHER FAULTS																											
R	P	1.52 50.30			INDICATED BY GOUGE AND SHEARING ARE AT 37.84M (20 DEG.),																											
R	P	1.52 50.30			38.80-39.17M (30 DEG.), 39.70(30 DEG.) AND 41.00(20 DEG.).																											
R	N	11.60 14.60			INTERMEDIATE DYKE: MOTTLED WITH FAIRLY FRESH HORNBLENDE																											
R	N	11.60 14.60			PHENOCRYSTS SET IN APHANITIC TO FINE GRAINED FELDSPAR GROUND																											
R	N	11.60 14.60			MASS. MINOR FAULT AT LOWER CONTACT (40 DEG.). PEGMATITIC FROM																											
R	N	11.60 14.60			12.30-12.58M.																											
N		11.60 14.60			X D/IN			PP	KR	2	5	5	6	N			UC		30											D(
L						GA								5			LC		40	(*		H3								
R	N	42.50 47.88			DIORITE: STRONGLY ALTERED, MARIPOSITE COMMON. FAULTING AT 45.85-																											
R	N	42.50 47.88			46.83M WITH CORE ANGLES DOMINANTLY 40 DEG.; AT 45.85M AND 35																											
R	N	42.50 47.88			DEG. AT 46.43M.																											
N		42.50 47.88			X OIOR			EQ	KR	4	5	5	6	N	6	SH			37	V+	Q=									B(
L						8G														V)		H+								
P		50.30 52.14			D/FP			PP		4	5	4	6	P	6	UC			80	V*										P- 0*
L						8K														V*		(1								
R	N	50.30 52.14			FELDSPAR PORPHYRY DYKE: INTENSELY ALTERED. SHARP UPPER AND																											

Chevron Minerals Ltd.
M577

DRILLHOLE/TRAVERSE : MS880010 (CONTINUED)

KEY	FL	-INTERVAL- (UNITS = MT) FROM	TO	CORE RECOVERY (%)	%IN ROCK TYPE	TYPIFYING MINERALS 1	2	QUALIFYING MINERAL	TEXTURES 1	2	GRAIN CHARACS F	C	%	M	FRACTURE #	TK	STRUCTUR-1 T	ID	STK AZM	DIP RT	ALTERATION MINS H A QZ	H A MR	H A CY	H A AK	H A SR	H A ANY MIN	ORE-TYPE MINS H A CP	H A LI	H A YY	H A ANY MIN	SUMMARY
KEY	FL			ROCK QUAL DESIG	FOR MEN AGE	EN V	RT Q	TM LC-COL	QM2 3	TX 3	TX 4	S O R	R N D	S H P	O / C	DIP SNL	F I	T 2	ID	STK AZM	DIP RT	CA H A	MU H A	CL H A	EP H A	HE H A	HA H A	PR H A	AS H A	FS H A	HA H A	STRUCTUR-2
R	N	50.30	52.14																											LOWER CONTACTS BUT LOWER IS IRREGULAR. THE DYKE MAY BE
R	N	50.30	52.14																											ALBITIZED. CONTAINS ABUNDANT MICROFRACTURES WITH
R	N	50.30	52.14																											UNIDENTIFIED DARK CHLORITIC MATERIAL. SLICKENSIDES AT 50.35M AT
R	N	50.30	52.14																											20DEG. SLICKENSIDES AT 10DEG. AT 51.10M. SLICKENSIDES
R	N	50.30	52.14																											ON FRACTURE AT 50 DEG. AT 51.35M.
P		52.14	54.14			D/HF			PP	PA	4	5	3	6	P		LC		10	V(								D(	
L						5G			SH					6							V=	H=									
R	P	52.14	54.14																											HORNBLENDE PORPHYRY DYKE: CUT BY CALCITE AND OCCASIONAL
R	P	52.14	54.14																											CALCITE-QUARTZ VEINS. BRAIDED FRACTURE PATTERN WELL DEVELOPED.
R	P	52.14	54.14																											CALCITE VEINS CUT THE BRAIDED FRACTURES FROM 33.75M. LOW
R	P	52.14	54.14																											SULPHIDE CONTENT.
P		54.14	56.07			D/FL			KR						P					V)								D-	G=
L						7A			MX	SH	3	3		X						V=									G=
R	P	54.14	56.07																											FELSIC DYKE: CRACKLED WITH ABUNDANT MICROFRACTURES WITH BRAIDED
R	P	54.14	56.07																											PATTERN, AND OCCASIONAL FINE GRAINED SULPHIDES.
P		56.07	60.45			D/FP			KR	PP	4	5	1	5	P					V*								D*	
L						5G									X					V=	<2								D)	
R	P	56.07	60.45																											FELDSPAR PORPHYRY DYKE(?): MOTTLED APPEARANCE AND VERY INTENSELY
R	P	56.07	60.45																											ALTERED. SHATTERED ALONG MICROFRACTURES, CONTAINS A DARK
R	P	56.07	60.45																											MATERIAL THAT IS PROBABLY IN PART CHLORITE. ABUNDANT CALCITE
R	P	56.07	60.45																											VEINS. NUMEROUS MINOR SHEARS AND MISC. GOUGE ZONES. FAULT AT
R	P	56.07	60.45																											56.83-57.37M. SLICKENSIDED AND GOUGED. FRACTURES GENERALLY 10,
R	P	56.07	60.45																											15, 20, 50 DEG. TO CORE.
P		60.45	88.39			DIOR			EQ	KR	4	U	X	5	P		LC		15									D(	
L						GA			SH					X						<=	H3									
R	P	60.45	88.39																											DIORITE: DARK COLORED WITH ABUNDANT CHLORITIC MICROFRACTURES.
R	P	60.45	88.39																											THE CORE ANGLES OF ALMOST PERVASSIVE SHEARING ARE
R	P	60.45	88.39																											62.07M (30 DEG.), 62.38M (40 DEG.), 66.10M (10 DEG.)AND 69.90M
R	P	60.45	88.39																											(0 DEG.). CATACLASTIC METAMORPHISM IS EVIDENT BY AUGEN
R	P	60.45	88.39																											DEVELOPMENT. THE PREPONDERANCE OF MICROFRACTURES CONTAINING
R	P	60.45	88.39																											DARK CHLORITIC MATERIAL MAY BE A PRODUCT OF AND INDICATION OF
R	P	60.45	88.39																											WIDESPREAD SHEARING OR CATACLASTIC DEVELOPEMENT IN THIS AREA.
R	P	60.45	88.39																											THE PATTERN OF MICROFRACTURES RESEMBLE THOSE OF FLASER
R	P	60.45	88.39																											STRUCTURES OF PHACOIDAL METADIORITE.
R	N	71.93	76.54																											UNCLASSIFIED DYKE: FINE GRAINED TO APHANITIC. INTENSE
R	N	71.93	76.54																											MICROFRACTURES. SHEARING AT 72.74M. AUGEN DEVELOPEMENT
R	N	71.93	76.54																											SUGGESTS CATACLASTIC DEFORMATION AT 30 DEG. AT 73.7DN.
N		71.93	76.54			X DYKE			KR	MX	2	4	1	5	N		UC		15									D)	
L						3G			SH								LC		10	V)	<2							D)	D)

Chevron Minerals Ltd.
W577

DRILLHOLE/TRAVERSE : WS880010 (CONTINUED)

S U M M A R Y R E M A R K S

DRILL HOLE WS880010 WAS COLLARED ON AN ACCESS ROAD 100M N OF THE PAXTON PORTAL AND 50M NE OF THE TRENCH 88-T-44 AND WAS DRILLED TO TEST THE WAYSIDE MAIN STRUCTURE 50M ALONG STRIKE FROM AND AT THE SAME ELEVATION AS THE PAXTON LEVEL. THIS HOLE, LOCATED ON THE WAYSIDE MAIN ZONE, WAS DRILLED AT AN AZIMUTH OF 220 DEG. AND A DIP OF -80 DEG. FOR A TOTAL DEPTH OF 88.39M.

OVERBURDEN EXTENDS TO 1.52M. DIORITE, CUT BY DYKES OF VARIABLE COMPOSITION, WAS INTERSECTED FROM 1.52-88.39M. FELDSPAR PORPHYRY AND FELSIC DYKES OCCUR AT 50.30-60.45M. A ZONE OF STRONGLY ALTERED DIORITE WITH QUARTZ VEINING AND ABUNDANT MARIPOSITE WAS INTERSECTED AT 42.50-47.88M.

M577 - MS880010 - SAMPLE INTERVALS

LINE	FROM	TO	NUMBER	LENGTH
1	0.00	36.73		
2	36.73	37.34	79026	0.61
3	37.34	39.17	79027	1.83
4	39.17	40.17	79028	1.00
5	40.17	42.50	79029	2.33
6	42.50	43.67	79030	1.17
7	43.67	44.67	79031	1.00
8	44.67	46.00	79032	1.33
9	46.00	47.86	79033	1.86
10	47.86	50.30	79927	2.44
11	50.30	52.14	79034	1.84
12	52.14	54.14	79035	2.00
13	54.14	56.07	79036	1.93
14	56.07	57.91	79037	1.84
15	57.91	58.83	79038	0.92
16	58.83	60.45	79039	1.62
17	60.45	61.87	79928	1.42
18	61.87	63.70	79040	1.83
19	63.70	65.99	79041	2.19
20	65.99	66.50	79042	0.51
21	66.50	71.93		
22	71.93	73.00	79043	1.07
23	73.00	77.50		
24	77.50	78.50	79044	1.00
25	78.50	88.39		

Chevron Minerals Ltd.
M577

DRILLHOLE/TRAVERSE : MS880011

PROJECT IDEN : M577	START DATE : 88/ 7/14	COMPLETION DATE : 88/ 7/18	GEOLOGGED BY : RUB + SGM
COLLAR NORTHING: 5636229.00	COLLAR EASTING : 512190.00	COLLAR ELEVATION: 787.00	GRID AZIMUTH : 0.00
	TOTAL LENGTH : 277.98	CORE/HOLE SIZE : NQ	

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING
000	0.00		250.00	-65.00		
001	274.00		250.00	-65.00		

K E Y	F L A G	- INTERVAL - (UNITS = MT) FROM - TO	CORE RECOV-ERY (%)	% M I X	ROCK TYPE	TYPI-FYING TM 1	QAL MIN MAT QM1	TEX-TURES TX 1	TX 2	GRAIN CHARACS F 1	F 2	C	% M	FRAC-TURE P	#	TK	STRUCTUR-1 T 1	ID	STK AZM	DIP RT	ALTERATION H A QZ	H A MR	H A CY	H A AK	H A SR	ANY MIN XX	ORE-TYPE H A PY	H A CP	H A LI	ANY MIN YY	SUMMARY
K E Y	F L G		ROCK QUAL DESIG	FOR MEM AGE	EN V	RT Q	TM LC- COL	QM2 3	TX 3	TX 4	S 0 R	R N D	S H P	O / C	DIP SML	F I	T 2	ID	STK AZM	DIP RT	CA H A	MU H A	CL H A	EP H A	HE H A	HA H A	PR H A	AS H A	FS H A	HA H A	STRUCTUR-2
P		0.00 2.13					OVER									P														
P		2.13 105.47					DIOR		BLO	EQ	MX	4	5	5	5	P				V)										D(
L							AG		FO						4					V+	H2				<.					D(
R P		2.13 105.47	DIORITE: GENERALLY MASSIVE, BUT OCCASIONALLY FOLIATED AT 10 TO																												
R P		2.13 105.47	20 CM. INCLUDES SHORT SECTIONS OF GRANITE DYKES GENERALLY																												
R P		2.13 105.47	FROM 10 TO 50 CM THICK. QUARTZ VEINS AT 8.43-8.53M WITH CORE																												
R P		2.13 105.47	ANGLES OF 40-45 DEG. CHLORITIZED OF MAFICS AND CALCITE VEINS																												
R P		2.13 105.47	ARE THE DOMINANT ALTERATION TYPES. THESE ALTERATION TYPES																												
R P		2.13 105.47	APPEAR TO INCREASE WITH DEPTH. CALCITE VEINS TYPICALLY FROM																												
R P		2.13 105.47	1-5CM WIDE. QUARTZ VEINING APPEARS TO BE MORE INTENSE IN THE																												
R P		2.13 105.47	PRESENT HOLE THAN IN MS880009 OR MS880010. SHEARING AT																												
R P		2.13 105.47	19.00-19.50M AT 5-15 DEG. AND AT 23.61-25.91M AT 10 DEG.																												
R P		2.13 105.47	GRANITE DYKE AT 33.30-33.60M CONTAINING DIORITE INCLUSIONS.																												
R P		2.13 105.47	CONTACTS AT 20 AND 45 DEG.. SLICKENSIDES AT 34.90M INCLUDING																												
R P		2.13 105.47	HEMATITIC FRACTURES AT 30 DEG. SOME FOLIATED SECTIONS; 11.18M																												
R P		2.13 105.47	AT 60 DEG; 22.88M AT 85 DEG. FAULT AT 15 DEG. AT 52.10M WITH																												
R P		2.13 105.47	CHLORITIC GOUGE. FAULT AT 80 DEG. FROM 57.80-57.78M WITH GOUGE																												
R P		2.13 105.47	ON FRACTURES AT 50 AND 80 DEG. POSSIBLE ALBITITE DYKELET AT																												
R P		2.13 105.47	59.50-60.05M. SHEARING AT 69.05-69.83M AT 20 DEG. WITH																												
R P		2.13 105.47	PYRRHOTITE IN SHEAR FRACTURES; ASSOCIATED CHLORITE. SHEARING																												
R P		2.13 105.47	AT 10 DEG. AT 70.90M. AT 71.55M FAULT GOUGE IS AT 30 DEG.																												
R P		2.13 105.47	SLICKENSIDES AT 86.10M SHEARING AT 30 DEG. CATACLASTIC TEXTURE																												
R P		2.13 105.47	APPARENT.																												
R N		44.51 46.40	FELDSPAR PORPHYRY DYKE: ALBITIZED. UPPER AND LOWER CONTACTS																												
R N		44.51 46.40	SHARP BUT UPPER IS IRREGULAR. SHEARING AT 60 DEG. AT 44.81M.																												
R N		44.51 46.40	FAULT AT 45.30M AT 50 DEG. WITH GOUGE.																												
N		44.51 46.40	X O/FP				PP	MX	4	5	7	6	N	LC	25	V)	H2										P.				
L							7G		SH							V+	H=														
R N		63.03 88.70	GRANITE: BARREN QUARTZ VEIN AT 63.90M IS SHEARED AT 10 DEG.																												
R N		63.03 68.70	MINOR DISSEMINATED CHALCOPYRITE AT 66.54M.																												
N		63.03 68.70	X GRAN				EQ	MX	4	5	7	6	N	UC	90	V*															
L							7G									V*	H+														

Chevron Minerals Ltd.
M577

DRILLHOLE/TRAVERSE : WS880011 (CONTINUED)

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   F   - I N T E R V A L -  CORE      %      TYPI- QAL  TEX-  GRAIN FRAC-       STRUCTUR-1 ALTERATION MINS  ORE-TYPE MINS
X  L (UNITS = MT)           RECOV-    M ROCK FYING MIN TURES CHARACS TURE                 H  H  H  H  H ANY H  H  H ANY
E  A                         ERY      I      TN TM MAT TX TX F C % M          T ID STK DIP  A  A  A  A  A MIN A  A  A MIN
Y  G   F R O M  -  T O      ( % )     X TYPE  1  2 QM1  1  2 F F C P  # TK    1    AZM  RT QZ MR CY AK SR XX PY CP LI YY  SUMMARY
- --- ---------.--  ---------.--  ----.- -- - ---- -- -- - - - - - -- - -  - -- --- --- -- -- -- -- -- -- -- -- -- -- - - - -
K  F                           ROCK   FOR EN RT    TH QM2 TX TX S R S O DIP F    T ID STK DIP CA MU CL EP HE HA PR AS FS HA
E  L                           QUAL   MEM  V  Q LC- 3      3  4 0 N H / SHL I    2    AZM  RT       H  H  H  H  H  H  H  H
Y  G                           DESIG  AGE       COL            R D P C          STRUCTUR-2        A  A  A  A  A  A  A  A

R N      99.27      100.25      GRANITE: IRON CARBONATE ALTERED GRANITE OR ALBITITE. SHEARING
R N      99.27      100.25      AT 55 DEG. AT 99.67M INCLUDING AUGEN DEVELOPMENT.
N        99.27      100.25          X GRAN      BLX MX EQ 4 5 6 5      N    LC      55 V)
L                                       80                        5                 V)

P       105.47      115.47            GRAN          EQ MX 4 5 7 5      P    UC      50 V=    H3          D(
L                                       7D                              LC      70 V+    H)
R P     105.47      115.47      AT 114.91-115.2DM THERE IS A QUARTZ IMPREGNATED FRACTURE 2MM
R P     105.47      115.47      WIDE AT 5 DEG. WITH UNUSUALLY HEAVY PYRROTITE.

P       115.47      277.98            DIOR      BLD EQ MX 4 5 5 5      P              V(              D(
L                                       GA                        5                 V)    H=          <.
R P     115.47      277.98      DIORITE: WITH RELATIVELY HEAVY ASSOCIATED SULPHIDE AT
R P     115.47      277.98      121.08-121.27M. 121.65-121.93M APPEARS ALBITIZED. BLEACHING AT
R P     115.47      277.98      122.53-123.00M. GOUGE ZONE AT 60 DEG. AT 122.74M. AT
R P     115.47      277.98      138.63-139.30M GRANITIC DYKE INTRUDES DIORITE BUT IS CUT BY
R P     115.47      277.98      80CM DYKE OF FELDSPAR PORPHYRY. AT 134.11-134.68M DIORITE IS
R P     115.47      277.98      BLEACHED.
R N     146.45      155.43      DIORITE: FINE GRAINED. STRONG BLEACHING AT 52.00-54.00M.
R N     146.45      155.43       CUT BY GRANITE DYKE WHICH IS IN TURN CUT BY POSSIBLE
R N     146.45      155.43      ALBITITE DYKELET. FELDSPARS ARE SOFT TO KNIFE SUGGESTING CLAY
R N     146.45      155.43      ALTERATION OF THE BLEACHED SECTION. VERY LOW SULPHIDE CONTENT.
R N     146.45      155.43      AT 153.00M. SLICKENSIDES ON FRACTURE AT 90 DEG.
N       146.45      155.43          X D/IN      BL6 MX    4 5 3 4      N    LC      70 V)    H1          D(
L                                       GA                        5                 V(    H1
R D     163.02      166.12      DIORITE: SEVERAL MINOR SHEARS AND QUARTZ VEIN, ALSO OVERALL
R D     163.02      166.12      MORE PYRITIC.
N D     163.02      166.12          X DIOR      BLO EQ MX 4 5 5 5      D              V)              D=
L                                       GA                        5                 V)    H=          <.
R D     173.00      174.10      DIORITE: QUARTZ-CALCITE FILLED MICROVEINS AND QUARTZ VEINLETS
R D     173.00      174.10      UP TO 5MM THICK AT VARIOUSLY 5-40 DEG.
N D     173.00      174.10          X DIOR      BLO EQ MX 4 5 5 5      D              V=              D-
L                                       GA                        5                 V=    H=          <.
R N     186.00      188.00      DIORITE: PROMINANT BLACK MICROFRACTURES AS NOTED IN THE BOTTOM
R N     186.00      188.00      OF DDH WS880010.
N       186.00      188.00          X DIOR      BLD CA AG 4 5 5 5      D              V(              D(
L                                       GA                        5                 V)    H=          <.
R D     188.50      189.00      DIORITE: GOUGE ZONE AT 188.50M WITH CORE ANGLE AT 75 OEG. ABOUT
R D     188.50      189.00      5CM OF MIXED GOUGE AND ROCK FRAGMENTS.
N D     188.50      189.00          X OIOR      BL7 EQ MX 4 5 5 5      D              V(              D(
L                                       GA                        5                 V)    H=          <.
R N     192.00      193.65      FELDPSAR PORPHYRY DYKE: INTENSELY ALTERED WITH MAFICS FREQUENTLY
R N     192.00      193.65      ALTERED TO CHLORITE AND FELDSPARS TO CLAY. AT 192.70-193.00M
R N     192.00      193.65      THERE IS DISSEMINATED MARIPOSITE MAINLY IN SHEARED CALCITE,
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DRILLHOLE/TRAVERSE : WS880011 (CONTINUED)

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  F  - I N T E R V A L -   CORE      %      TYPI- QAL  TEX-  GRAIN FRAC-       STRUCTUR-1 ALTERATION MINS  ORE-TYPE MINS
K  L (UNITS = MT)          RECOV-    M ROCK FYING MIN TURES CHARACS TURE                  H  H  H  H  H ANY H  H  H ANY
E  A                        ERY      I      TM TM MAT TX TX F C % M            T ID STK DIP  A  A  A  A  A MIN A  A  A MIN
Y  G   F R O M  -  T O     ( % )     X TYPE  1  2 QM1  1  2 F F C P  # TK      1    AZM  RT QZ MR CY AK SR XX PY CP LI YY  SUMMARY
- --- -----.--   -----.--  ----.- -- - ---- -- -- --- -- -- - - - - - -- -   - -- --- --- -- -- -- -- -- -- -- -- -- --  - - - -
K  F                       ROCK   FOR EN RT    TM QM2 TX TX S R S O DIP F      T ID STK DIP CA MU CL EP HE HA PR AS FS HA
E  L                       QUAL   MEM  V  Q LC- 3       3  4 O N H / SML I     2    AZM  RT       H  H  H  H  H  H  H  H
Y  G                       DESIG  AGE       COL              R D P C           STRUCTUR-2          A  A  A  A  A  A  A  A

R N      192.00     193.65       ALSO 0.08M OF BARREN QUARTZ CARBONATE WHICH IS SHEARED AT 45
R N      192.00     193.65       DEG. IN THE MARIPOSITE AREA. MINOR EPIDOTE AT 194.80M.
N        192.00     193.65           X D/FP       BL7 PP   4 5 6 6      N    LC       55 V+ O) H1          D-
L                                           7K                         5                   V=    H) H(
R N      195.90     200.00       AT 200.10M. SHEARING IS AT 75 DEG.
N        195.90     200.00           X D/FD                4 5 5 6      N                        H4          D(
L                                           GA                         6                   V)    H) O*
N D      203.36     204.20           X DIOR       BLO CA AG 4 5 5 5     D    FO       75 V(                  D*
L                                           GA                         5                   V)    H=             (.
R N      208.40     211.20       GRANITE: CONTACTS IRREGULAR DUE TO INCLUSIONS. LOCALLY,
R N      208.40     211.20       MICROFRACTURES CONTAIN PYRITE AND ARSENOPYRITE.
N        208.40     211.20           X GRAN          EQ MX 4 5 8 6    4 N                        H(          V*
L                                           GA                                             V(    H+             V.
R D      218.05     220.54       DIORITE: APPROXIMATELY 1CM WIDE FRACTURE FOLOWS CORE.
N D      218.05     220.54           X DIOR       BLO EQ MX 4 5 5 5     D    F/       00 V(                  O(
L                                           GA                         5                   V)    H=             (.
R D      236.04     236.60       DIORITE: STRONG CATACLASTIC DEVELOPMENT INCLUDING MYLONITE;
R N      236.04     236.60       MOST INTENSE FOR THE HOLE.
N D      236.04     236.60           X DIOR       BLO CA AG 4 5 5 5     D    SH       20 V(                  D(
L                                           GA                         5                   V)    H=             (.
R N      253.70     259.35       INTERMEDIATE DYKE: FINE GRAINED WITH TRACES OF PYRITE. INTENSELY
R N      253.70     259.35       SHEARED AT 254.80-256.10M. SHEARING AT 20 DEG. AT 254.00M. MINOR
R N      253.70     259.35       GOUGE AT 255.12M AT 60 DEG. SHEARING AT 255.42M AT 40 DEG. AT
R N      253.70     259.35       256.00M THERE IS 1CM OF GOUGE ON  A FRACTURE AT 30 DEG.
N        253.70     259.35           X D/IN       BLO MX EQ 4 5 5 5     N    LC       45         H1          D=
L                                           3A        SH
R N      268.30     270.36       DIORITE: SLIGHTLY MORE SULPHIDES DUE TO HIGHER FRACTURE DENSITY.
R N      268.30     270.36       FRACTURES AT 0, 20 AND 55 DEG. SHEARING AT 277.20M AT 45 DEG.
R N      268.30     270.36       FOLIATION AT 70 DEG. AT 275.50M.
N        268.30     270.36           X DIOR          MX EQ 4 5 5 5      N                        H=          D*
L                                           GA                         9                   V=
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S U M M A R Y   R E M A R K S

DRILL HOLE WS880011 WAS COLLARED ON THE ROAD 340M N OF THE NO. 5 PORTAL AND WAS DRILLED TO TEST THE MAIN WAYSIDE STRUCTURE AT THE ELEVATION OF THE NO. 8 LEVEL 200M NW ALONG STRIKE FROM THE LAST EXPOSURE OF THE STRUCTURE. THE HOLE, LOCATED ON THE WAYSIDE MAIN ZONE, WAS DRILLED AT AN AZIMUTH OF 250 DEG. AND A DIP OF -65 DEG. FOR A TOTAL DEPTH OF 277.93M.

OVERBURDEN OCCURS FROM 0-2.13M. DIORITE WAS CORED FROM 2.13-277.93M AND IS INTERSECTED BY DYKES AND GRANITE WITHIN THIS INTERVAL. A FELDSPAR PORPHYRY DYKE WAS INTERSECTED FROM

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DRILLHOLE/TRAVERSE : MS880011 (CONTINUED)

S U M M A R Y R E M A R K S

44.51-46.40M. GRANITE OCCURS AT 53.03-68.70M AND 99.27-100.25M.

M577 - WS880011 - SAMPLE INTERVALS

LINE	FROM	TO	NUMBER	LENGTH
1	0.00	2.13		
2	2.13	3.66	79959	1.53
3	3.66	5.18	79960	1.52
4	5.18	7.62	79961	2.44
5	7.62	8.53	79962	0.91
6	8.53	11.28	79963	2.75
7	11.28	14.33	79964	3.05
8	14.33	17.38	79965	3.05
9	17.38	20.42	79966	3.04
10	20.42	23.47	79967	3.05
11	23.47	25.91	79968	2.44
12	25.91	28.96	79969	3.05
13	28.96	32.00	79970	3.04
14	32.00	35.20	79971	3.20
15	35.20	38.71	79972	3.51
16	38.71	41.76	79973	3.05
17	41.76	44.51	79974	2.75
18	44.51	46.40	79975	1.89
19	46.40	47.85	79976	1.45
20	47.85	50.90	79977	3.05
21	50.90	53.95	79978	3.05
22	53.95	57.00	79979	3.05
23	57.00	60.05	79980	3.05
24	60.05	63.05	79981	3.00
25	63.05	66.14	79982	3.09
26	66.14	68.70	79983	2.56
27	68.70	69.05	79984	0.35
28	69.05	69.83	79045	0.78
29	69.83	71.32	79985	1.49
30	71.32	72.54	79986	1.22
31	72.54	73.41	79987	0.87
32	73.41	75.29	79988	1.88
33	75.29	78.33	79989	3.04
34	78.33	81.38	79990	3.05
35	81.38	84.43	79991	3.05
36	84.43	87.48	79992	3.05
37	87.48	90.53	79993	3.05
38	90.53	93.57	79994	3.04
39	93.57	96.62	79995	3.05
40	96.62	99.27	79996	2.65
41	99.27	100.25	79046	0.98
42	100.25	102.72	79997	2.47
43	102.72	105.77	79998	3.05
44	105.77	108.81	79999	3.04
45	108.81	111.86	80000	3.05
46	111.86	114.91	79601	3.05
47	114.91	115.97	79602	1.06
48	115.97	117.96	79603	1.99
49	117.96	121.01	79604	3.05
50	121.01	124.05	79605	3.04
51	124.05	127.10	79606	3.05
52	127.10	130.15	79607	3.05
53	130.15	133.20	79608	3.05
54	133.20	136.25	79609	3.05

M577 - WS880011 - SAMPLE INTERVALS

LINE	FROM	TO	NUMBER	LENGTH
55	136.25	139.30	79610	3.05
56	139.30	142.34	79611	3.04
57	142.34	145.39	79612	3.05
58	145.39	146.61	79613	1.22
59	146.61	148.44	79614	1.83
60	148.44	152.00	79615	3.56
61	152.00	154.00	79047	2.00
62	154.00	157.58	79616	3.58
63	157.58	160.63	79617	3.05
64	160.63	163.02	79618	2.39
65	163.02	164.52	79048	1.50
66	164.52	166.12	79049	1.60
67	166.12	168.55	79619	2.43
68	168.55	171.60	79620	3.05
69	171.60	174.65	79621	3.05
70	174.65	177.85	79622	3.20
71	177.85	181.05	79623	3.20
72	181.05	184.10	79624	3.05
73	184.10	187.15	79625	3.05
74	187.15	191.11	79626	3.96
75	191.11	192.00	79627	0.89
76	192.00	193.65	79050	1.65
77	193.65	194.16	79628	0.51
78	194.16	197.21	79629	3.05
79	197.21	199.64	79630	2.43
80	199.64	202.69	79631	3.05
81	202.89	203.88	79632	1.19
82	203.88	205.95	79051	1.75
83	205.95	206.95	79052	1.00
84	206.95	208.40	79053	1.45
85	208.40	209.80	79054	1.40
86	209.80	211.20	79633	1.40
87	211.20	212.45	79634	1.25
88	212.45	215.49	79635	3.04
89	215.49	218.54	79636	3.05
90	218.54	221.59	79637	3.05
91	221.59	224.64	79638	3.05
92	224.64	227.69	79639	3.05
93	227.69	230.73	79640	3.04
94	230.73	231.34	79641	0.61
95	231.34	233.78	79642	2.44
96	233.78	236.04	79643	2.26
97	236.04	237.04	79055	1.00
98	237.04	239.57	79644	2.53
99	239.57	240.49	79645	0.92
100	240.49	242.93	79646	2.44
101	242.93	245.97	79647	3.04
102	245.97	249.02	79648	3.05
103	249.02	252.07	79649	3.05
104	252.07	253.70	79650	1.63
105	253.70	255.12	79651	2.05
106	255.12	257.86	79652	2.74
107	257.86	259.35	79653	1.49
108	259.35	261.62	79654	2.27

M577 - WS880011 - SAMPLE INTERVALS

LINE	FROM	TO	NUMBER	LENGTH
109	261.62	263.96	79655	2.34
110	263.96	266.00	79656	2.04
111	266.00	266.40	79056	0.40
112	266.40	268.30	79657	1.90
113	268.30	270.36	79057	2.06
114	270.36	272.55	79658	2.19
115	272.55	274.93	79659	2.38
116	274.93	277.98	79660	3.05

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DRILLHOLE/TRAVERSE : WS880012

PROJECT IDEN : M577	START DATE : 88/ 7/18	COMPLETION DATE : 88/ 7/19	GEOLOGGED BY : RUB + SGM
COLLAR NORTHING: 5636551.00	COLLAR EASTING : 512497.00	COLLAR ELEVATION: 813.00	GRID AZIMUTH : 0.00
	TOTAL LENGTH : 99.37	CORE/HOLE SIZE : NQ	

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING
000	0.00		203.00	-55.00		
001	89.92		203.00	-53.00		
002	99.37		203.00	-54.00		

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   F  - I N T E R V A L -  CORE      %     TYPI- QAL  TEX-  GRAIN FRAC-       STRUCTUR-1 ALTERATION MINS  ORE-TYPE MINS
K  L (UNITS = MT)          RECOV-    M ROCK FYING MIN TURES CHARACS TURE                H  H  H  H  H ANY H  H  H ANY
E  A                        ERY      I      TM TM MAT TX TX F C % M          T ID STK DIP  A  A  A  A  A MIN A  A  A MIN
Y  G   F R O M  -  T O     ( % )     X TYPE  1  2 QM1  1  2 F F C P  # TK    1    AZM  RT QZ MR CY AK SR XX PY CP LI YY  SUMMARY
- --- -----.--   -----.--  ----.- -- - ---- -- -- --- -- -- - - - - -- -- -  - -- --- --- -- -- -- -- -- -- -- -- -- --  - - - -
K  F                       ROCK   FOR EN RT    TM QM2 TX TX S R S O DIP F    T ID STK DIP CA MU CL EP HE HA PR AS FS HA
E  L                       QUAL   MEM  V  Q LC- 3      3  4 O N H / SWL I    2    AZM  RT       H  H  H  H  H  H  H  H
Y  G                       DESIG  AGE       COL          R D P C              STRUCTUR-2        A  A  A  A  A  A  A  A

P       0.00       3.35            OVER                              P

P       3.35       9.16            GWAC          BD CA 3 5 5 7       P  2 BD                                      (.
L                                        6A      FO CT 2 2          5                    V+
R P     3.35       9.16         GREYWACKE: CONTAINS 40% ANGULAR CLAST OF DARK SILTSTONE AND GREY
R P     3.35       9.16         WACKE IN A SILTSTONE GROUNDMASS(60%). THE CLAST ARE PROBABLY RIP
R P     3.35       9.16         UP CLASTS FROM SOFT SEDIMENTS. IN SOME CASES THE MORE COMPETENT
R P     3.35       9.16         GREYWACKE CLASTS ARE AUGEN SHAPED AND ARE ASSOCIATED WITH
R P     3.35       9.16         PROMINANT FOLIATION SUGGESTING CATACLASTIC METAMORPHISM. AT
R P     3.35       9.16         4.10M THERE IS BEDDING IN THE SILTSTONE AT 25 DEG. LIMONITIC
R P     3.35       9.16         FRACTURES EXTEND FROM 3.35-11.47M . GRADED BEDDING AT 15 DEG.
R P     3.35       9.16         AT 7.90M.
R N     3.35       9.16         SILTSTONE: TYPICALLY OCCURS AS 40% DELICATE ELONGATED CLASTS IN
R N     3.35       9.16         60% GREYWACKE.
N       3.35       9.16          4 SILT          BD    2 2 X 2       N                                   D(     (-
L                                        3A                         5                    V+

P       9.16      11.37            SILT          MX BD 3 5 5 7       P  2 BD                                      (.
L                                        3A      FO CT 2 2          5                    V+
R P     9.16      11.37         SILTSTONE: MASSIVE, DARK GREY, BEDDING AT 12.60M AT 0 DEG.

P      11.37      45.35            GWAC          BD CA 3 5 5 7       P  2 BD                                      (.
L                                        6A      FO CT 2 2          5                    V+
R P    11.37      45.35         GREYWACKE: 60% INTERBEDDED WITH SILTSTONE, SAME AS 3.35-45.35M.
R N    11.37      45.35         GOUGE AT 35.70M AT 40 DEG. FOR 2 CM. GOUGE AT 41.20M AT 50 DEG.
R N    11.37      45.35         (1CM THICK).
R N    11.37      45.35         SILTSTONE: TYPICALLY OCCURS AS 40% DELICATE ELONGATED CLASTS
R N    11.37      45.35         IN 60% GREYWACKE. BEDDING AT 30 DEG. AT 28.83M. SHEARING AND
R N    11.37      45.35         GOUGE PREDOMINANTLY AT 5, 10 AND 40 DEG. AT 19.30-21.79M.
R N    11.37      45.35         CATACLASTIC METAMORPHISM AND ASSOCIATED FOLIATION WITH AUGENS
R P    11.37      45.35         OF GREYWACKE AT 18.90-19.40M. AUGEN AND FOLIATION DEVELOPMENT
R P    11.37      45.35         SEEN WITH MINOR FINE GRAINED PYRITE ALONG FOLIATION AT 22.20-
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DRILLHOLE/TRAVERSE : MS880012 (CONTINUED)

KEY	FLAG	FROM	TO	CORE RECOVERY (%)	%MINX	ROCK TYPE	TYPIFYING MINERALS TM1	TM2	QAL MIN MAT QM1	TEXTURES TX1	TX2	GRAIN CHARACS F	C	%M	FRACTURE P	#TK	STRUCTUR-1 T	ID	STK AZM	DIP RT	ALTERATION MINS H A QZ	H A MR	H A CY	H A AK	H A SR	ANY MIN XX	ORE-TYPE MINS H A PY	H A CP	H A LI	ANY MIN YY	SUMMARY
K	F			ROCK QUAL DESIG	FOR MEM AGE	EN V	RT Q	TM QM2 LC-COL	TX3	TX4	S R D	S N P	O H C	DIP / SML	F I	T2	ID	STK AZM	DIP RT	CA H A	MU H A	CL H A	EP H A	HE H A	HA H A	PR H A	AS H A	FS H A	HA H A	
R	P	11.37	45.35																											25.40M. SILTSTONE WITH GREYWACKE AUGEN AND MINOR PYRITE ALONG
R	P	11.37	45.35																											FOLIATION AT 32.46-33.21M.
N		11.37	45.35			4	SILT			BD		2	2	X	2	N										D(	(-		
L							3A								5				V+										
P		45.35	47.88				SILT			CT	MX	2	2	X	2	P			V(							D(			
L							3A			CA					5		FO		10 V*										
P		47.88	63.50				GWAC			BD	CA	3	5	5	7	P										D(			
L							8A			FO	CT	2	2		5	2	BD		V=										
R	P	47.88	63.50																											GREYWACKE: AT 50.60-51.05M AND 52.50-53.15M GREYWACKE OCCURS
R	P	47.88	63.50																											AS AUGEN WITH ASSOCIATED FOLIATION IN THE SILSTONE
R	P	47.88	63.50																											GROUNDMASS (CATACLASTIC). AT 58.93-59.03M FAULTING AT 50 DEG.
R	P	47.88	63.50																											INDICATED BY GOUGE. WHERE AUGEN HAVE NOT DEVELOPED THE
R	P	47.88	63.50																											GREYWACKE OCCURS AS ANGULAR FRAGMENTS SET IN DARK SILTSTONE
R	P	47.88	63.50																											GROUNDMASS.
R	N	47.88	63.50																											SILTSTONE: FORMS THE MATRIX TO ABUNDANT GREYWACKE FRAGMENTS.
N		47.88	63.50			4	SILT			BD	CA	2	2	X	2	N													
L							3A												V*										
P		63.50	65.64				GWAC			MX		3	5	5	7	P		UC	30 V*							D.			
L							5A					2	2		1			LC	35										
R	P	63.50	65.64																											GREYWACKE: ZONE OF MASSIVE GREYWACKE.
P		65.64	87.78				SILT			BD	CA	2	2	X	2	P										D.			
L							3A								5				V*										
R	P	65.64	87.78																											SILTSTONE: CONTAINS FRAGMENTS OF GREYWACKE AND OCCASIONAL
R	P	65.64	87.78																											GREYWACKE AUGEN. EXHIBITS FOLIATION LOCALLY, EG. AT
R	P	65.64	87.78																											70.07-72.60M, 74.78-74.98M AND 78.03-78.87M.
R	N	65.64	87.78																											GREYWACKE FORMS FRAGMENTS VARIOUSLY ANGULAR OR EYE SHAPED,SET
R	N	65.64	87.78																											IN SILTSTONE GROUNDMASS. AT 74.25M BEDDING AT 25 DEG., AND AT
R	N	65.64	87.78																											83.5DM BEDDING AT 30 DEG.
N		65.64	87.78			4	GWAC			BD	CA	3	5	5	7	N	2	BD								D.			
L							6A			FD	CT	2	2		5				V*										
P		87.78	99.37				SILT				MX	2	2	X	2	P			V+							D.			
L							3A												V+										
R	P	87.78	99.37																											SILTSTONE: THIS SECTION LACKS GREYWACKE FRAGMENTS, BEDS AND
R	P	87.78	99.37																											AUGEN AS DESCRIBED ABOVE AND IS MORE COMPETENT WITH THE RESULT
R	P	87.78	99.37																											THAT IT IS WELL FRACTURED AND RELATIVELY STRONGLY QUARTZ AND
R	P	87.78	99.37																											CALCITE VEINED. FOR THE FIRST 0.65M THE VEINS TEND TO PARALLEL
R	P	87.78	99.37																											CORE AXIS BUT LATER TREND GENERALLY AT 60 TO 70 DEG. TO CORE
R	P	87.78	99.37																											AXIS. VEINS ARE USUALLY 1MM-2CM THICK AND ARE TYPICALLY WITHOUT
R	P	87.78	99.37																											VISIBLE SULPHIDES. AT 95.40-98.05M FAULT AT 20 DEG. WITH GOUGE.

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DRILLHOLE/TRAVERSE : WS880012 (CONTINUED)

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  F  - I N T E R V A L -  CORE      %      TYPI- QAL  TEX-  GRAIN FRAC-       STRUCTUR-1 ALTERATION MINS  ORE-TYPE MINS
K L (UNITS = MT)          RECOV-    M ROCK FYING MIN TURES CHARACS TURE                  H  H  H  H  H ANY H  H  H ANY
E A                       ERY       I      TM TM MAT TX TX F C % M          T ID STK DIP  A  A  A  A  A MIN A  A  A MIN
Y G  F R O M  -  T O      ( % )     X TYPE  1  2 QM1  1  2 F F C P  # TK    1    AZM  RT QZ MR CY AK SR XX PY CP LI YY  SUMMARY
- --- -----.--  -----.--  ----.- -- - ---- -- -- --- -- -- - - - - -- -- -  - -- --- --- -- -- -- -- -- -- -- -- -- --  - - - -
K F                       ROCK   FOR EN RT    TM QM2 TX TX S R S O DIP F    T ID STK DIP CA MU CL EP HE HA PR AS FS HA
E L                       QUAL   MEM  V  Q LC- 3       3  4 O M H / SML I    2    AZM  RT       H  H  H  H  H  H  H  H
Y G                       DESIG  AGE       COL             R D P C          STRUCTUR-2          A  A  A  A  A  A  A  A

R P    87.78     99.37       CORE ANGLES OF FAULTS ARE 10-40 DEG. GRAPHITIC SLICKENSIDES.
R D    96.05     98.15       MISSING CORE: PROBABLY SILTSTONE.
N      96.05     98.15          X MISN                          M
L
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S U M M A R Y   R E M A R K S

DRILL HOLE WS880012 WAS COLLARED AT THE W END OF TRENCH 88-T-47 , 35M NE OF HOLE WS870007 AND WAS DRILLED TO TEST THE DOWN DIP EXTENSION OF MINERALIZATION ASSOCIATED WITH A FELDSPAR PORPHYRY DYKE INTERSECTED IN HOLE WS870007. THIS HOLE, LOCATED ON THE TWO BOB ZONE, WAS DRILLED AT AN AZIMUTH OF 203 DEG. AND A DIP OF -55 DEG. FRO A TOTAL DEPTH OF 99.37M.

THE OVERBURDEN EXTENDS TO 3.35M. HIGHLY SHEARED INTERBEDDED GREYWACKE AND SILTSTONE OCCURS FROM 3.35-99.37M. A ZONE OF QUARTZ AND CALCITE VEINING OCCURS WITHIN SILTSTONE AT 87.70-99-37M. NO FELDSPAR PORPHYRY DYKE WAS INTERSECTED IN THIS HOLE.

M577 - MS880012 - SAMPLE INTERVALS

LINE	FROM	TO	NUMBER	LENGTH
1	0.00	13.11		
2	13.11	15.24	79058	2.13
3	15.24	32.31		
4	32.31	35.05	79059	2.74
5	35.05	42.35		
6	42.35	44.50	79060	2.15
7	44.50	59.00		
8	59.00	61.00	79061	2.00
9	61.00	71.93		
10	71.93	74.94	79062	3.01
11	74.94	84.13		
12	84.13	85.65	79063	1.52
13	85.65	87.78	79064	2.13
14	87.78	88.38	79065	0.60
15	88.38	90.22	79066	1.84
16	90.22	91.62	79067	1.40
17	91.62	93.04	79068	1.42
18	93.04	94.44	79069	1.40
19	94.44	95.40	79070	0.96
20	95.40	99.37	79071	3.97

Chevron Minerals Ltd.
M577

DRILLHOLE/TRAVERSE : WS880013

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PROJECT IDEN    : M577          START DATE      : 88/ 7/21       COMPLETION DATE : 88/ 7/23      GEOLOGGED BY : RUB + SGM
COLLAR NORTHING: 5634473.00     COLLAR EASTING : 510972.00       COLLAR ELEVATION: 867.00        GRID AZIMUTH : 0.00
                                TOTAL LENGTH    : 127.41         CORE/HOLE SIZE : NQ


          SURVEY FLAG    SURVEY POINT    FORESIGHT    AZIMUTH     VERTICAL ANGLE    NORTHING    EASTING
                           LOCATION                  (DEGREES)      (DEGREES)

              000            0.00                     250.00         -50.00
              001          126.80                     250.00         -51.00

  F  - I N T E R V A L -   CORE     %     TYPI- QAL  TEX-  GRAIN FRAC-        STRUCTUR-1 ALTERATION MINS  ORE-TYPE MINS
K L (UNITS = MT)           RECOV-   M ROCK FYING MIN TURES CHARACS TURE                  H  H  H  H  H ANY H  H  H ANY
E A                        ERY      I      TM TM MAT TX TX F C % M            T ID STK DIP  A  A  A  A  A MIN A  A  A MIN
Y G  F R O M  -  T O       ( % )    X TYPE  1  2 QM1  1  2 F F C P  # TK      1    AZM  RT QZ MR CY AK SR XX PY CP LI YY  SUMMARY
- --- -----.--   -----.--  ----.- -- - ---- -- -- --- -- -- - - - - -- - -   - -- --- -- -- -- -- -- -- -- -- -- -- --  - - - -
K F                        ROCK  FOR EN RT    TM QM2 TX TX S R S O DIP F      T ID STK DIP CA MU CL EP HE HA PR AS FS HA
E L                        QUAL  MEM  V  Q LC- 3      3  4 O N H / SML I      2   AZM  RT       H  H  H  H  H  H  H  H
Y G                        DESIG  AGE      COL             R D P C             STRUCTUR-2        A  A  A  A  A  A  A  A


P        0.00      24.08             OVER                            P
R P      0.00      24.08        OVERBURDEN: BOULDER TILL.

P       24.08      43.85             D/FP          KR PP 4 5 / 6     P                V(    H1    G     D*
L                                         3G       SH              9                  V(    H4
R P     24.08      43.85        FELDSPAR PORPHYRY DYKE: VERY INTENSELY CHLORITIZED WITH ALL
R P     24.08      43.85        MAFICS  TO CHLORITE. FELDSPARS ALTERED TO CLAY. AT 30.19-30.49M
R P     24.08      43.85        SERPENTINITE IS CAUGHT UP IN FAULT AND CONVERTED TO GOUGE AT 50
R P     24.08      43.85        DEG. AT 37.80-37.90M FAULT AT 40 DEG., MOSTLY GOUGE.
R N     25.38      26.88        GRANITE: VERY INTENSELY FRACTURED WITH ABUNDANT MICROFRACTURES
R N     25.38      26.88        CONTAINING DARK GREEN TO BLACK MATERIAL - PROBABLY CHLORITE IN
R N     25.38      26.88        PART. UPPER AND LOWER CONTACTS SHARP BUT UPPER IS IRREGULAR.
R N     25.38      26.88        SAMPLE 79073H AT 25.38-26.88M WILL INDICATE WHETHER OR NOT
R N     25.38      26.88        GOLD IS ASSOCIATED WITH THIS TYPE OF FRACTURING.
N       25.38      26.88           X GRAN          KR EG 4 5 5 5     N                      H+          0+
L                                         8A                        X     LC     35 (=    H+
R N     28.53      30.19        GRANITE: INTENSELY ALTERED,FAULTING AT UPPER CONTACT AT 30 DEG.
R N     28.53      30.19        WITH GOUGE PRESENT.
N       28.53      30.19           X GRAN          KR EG 4 5 5 5     N    UC     60       H+
L                                         8A                        X     LC     75 (=    H+          D+
R N     39.82      41.45        SERPENTINITE: SLICKENSIDED AND GOUGED.
N       39.82      41.45           X SERP          MS SH 4 4 0 4     N
L                                         2G       EG
R N     41.45      42.25        GRANITE: FAULTING AT 41.95M AT 20 DEG. WITH 1CM OF GOUGE. FAULT
R N     41.45      42.25        AT 42.20M AT 55 DEG. WITH 2CM OF GOUGE.
N       41.45      42.25           X GRAN          EG    4 5 5 5     N    LC     60 V) H= H2          DO
L                                         8A                                              H2

P       43.85      45.22             SERP          MS SH 4 4 0 4     P    FC     20
L                                         2G
R P     43.85      45.22        SERPENTINITE: LOWER CONTACT IS PUT AT 20 DEG. AT 43.85-45.22M
R P     43.85      45.22        IS 80% GOUGE.

P       45.22      67.08             DIOR          EG MX 4 5 7 5     P                V=
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Chevron Minerals Ltd.
M577

DRILLHOLE/TRAVERSE : WS880013 (CONTINUED)

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  F   - I N T E R V A L -   CORE      %       TYPI- QAL  TEX-  GRAIN FRAC-        STRUCTUR-1 ALTERATION MINS  ORE-TYPE MINS
K  L (UNITS = MT)           RECOV-    M ROCK FYING MIN TURES CHARACS TURE                    H  H  H  H  H ANY H  H  H ANY
E  A                         ERY      I       TM TM MAT TX TX F C % M          T ID STK DIP  A  A  A  A  A MIN A  A  A MIN
Y  G   F R O M  -  T O      ( % )     X TYPE  1  2 QM1  1  2 F F C P  # TK     1     AZM  RT QZ MR CY AK SR XX PY CP LI YY  SUMMARY
- --- -----.--   -----.--   ----.- -- - ---- -- -- --- -- -- - - - - -- - -    - -- --- --- -- -- -- -- -- -- -- -- -- --  - - - -
K  F                        ROCK   FOR EN RT    TM QM2 TX TX S R S O DIP F     T ID STK DIP CA MU CL EP HE HA PR AS FS HA
E  L                        QUAL   MEN  V  Q LC- 3       3  4 O N H / SML I    2    AZM  RT       H  H  H  H  H  H  H  H
Y  G                        DESIG  AGE       COL            R D P C             STRUCTUR-2         A  A  A  A  A  A  A  A

L                                             GA                       6                V.    H5          D)
R P     45.22      67.06         DIORITE: CUT BY ABOUT 20% GRANITIC DYKELETS. AT 51.61-52.50
R P     45.22      67.06         ABUNDANT SLICKENSIDED FRACTURES AT 0-15 DEG.
R M     45.22      67.06         GRANITE: DYKELETS TYPICALLY 1-2CM THICK CUTTING DIORITE.
M       45.22      67.06             2 GRAN           MX EQ 4 5 2 5       N                 V1                D.
L                                             7A                       3                V.    H2
R D     45.55      50.60         DIORITE: THIS SECTION CHARACTERIZED BY ABUNDANT QUARTZ
R D     45.55      50.60         VEINING AND HIGHER SULPHIDE CONTENT.
M       45.55      50.60             X DIOR           EG MX 4 5 7 5       N                 V3                O)
L                                             GA                       6                V.    H5          D)

P       67.06      91.42               GABR           MX EQ 4 5 6 5       P   UC      50 V)    H)          O.
L                                             3G                       7
R P     67.06      91.42         GABBRO: FROM 69.90-70.22 IS ALBITIZED GRANITE DYKE.
M       71.75      72.85             X GRAN           MX EQ 4 5 6 5       N   UC      50 V2    H)          D.
L                                             3A                       7                      H)
R D     72.85      91.42         GABBRO: FAULT AT 86.27M AT 35 DEG. WITH SLICKENSIDES. AT 88.00M
R D     72.85      91.42         FAULT AT 35 DEG. WITH SLICKENSIDES. FAULT AT 88.78M AT 40 DEG.
R D     72.85      91.42         WITH TALCOSE SLICKENSIDES.
M O     72.85      91.42          AB 1 GABR           MX EQ 4 5 6 5       O   UC      50 V=    H)          D.
L                                             3G                       7                <.    H3
M       81.29      83.34             X D/IN           EQ MX 3 3 + 4       N   UC      60 V0               00
L                                             7A      KR               7   LC      60 V0
R D     83.66      85.44         GABBRO: CONTAINS UNUSUALLY HEAVY QUARTZ AND ALBITE. AT 86.30
R D     83.66      85.44         FAULT AT 30 DEG. WITH SLICKENSIDES. 86.87-87.17M IS ALBITIZED
R D     83.66      85.44         INCLUDING HEAVY QUARTZ.
M O     83.66      85.44          AB 7 GABR           MX EQ 4 5 6 5       D   UC      50 J1    H)          D.
L                                             3G                       7

P       91.42     111.10               DIOR           MX EQ 4 5 7 5       P                 V=                O.
L                                             GA                                                                     O.
R P     91.42     111.10         DIORITE: AT 93.10-93.14M FAULT GOUGE AT 80 DEG. AT 96.50-96.72M
R P     91.42     111.10         ALBITIZED GRANITE CUT BY QUARTZ VEIN. AT 97.62-98.38M ALBITIZED
R P     91.42     111.10         SECTION, SHATTERED WITH FINE GRAINED SULPHIDES AND
R P     91.42     111.10         BRECCIATION OVER 15CM.
R M     94.00      94.40         GRANITE: ALBITIZED AT UPPER CONTACT.
M       94.00      94.40          AB X GRAN           MX EQ 4 5 6 5       N   UC      40
L                                             8A                           LC      30

P      111.10     112.70               DYKE           MX EQ               P   FC      55 V*    H+          PO
L                                             8G      KR               X   FC      80 V*    H
R P    111.10     112.70         DYKE: UNDIFFERENTIATED, APHANITIC WITH PALE GREEN COLOR
R P    111.10     112.70         PROBABLY DUE TO CLAY ALTERATION. LOWER CONTACT SHEARED AT 80
R P    111.10     112.70         DEG. AND UPPER AT 55 DEG.
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Chevron Minerals Ltd.
M577

DRILLHOLE/TRAVERSE : WS880013 (CONTINUED)

KEY	F L A G	FROM	TO	CORE RECOVERY (%)	% ROCK TYPE	TYPIFYING MIN 1	TYPIFYING MIN 2	QAL QN1	TEXTURES 1	TEXTURES 2	GRAIN CHARACS F	GRAIN CHARACS C	FRACTURE %	FRACTURE P	FRACTURE #	FRACTURE TK	STRUCTUR-1 T	STRUCTUR-1 ID	STRUCTUR-1 STK AZM	STRUCTUR-1 DIP RT	ALTERATION H A QZ	ALTERATION H A MR	ALTERATION H A CY	ALTERATION H A AK	ALTERATION H A SR	MINS H ANY MIN	ORE-TYPE H A XX	ORE-TYPE H A PY	ORE-TYPE H A CP	MINS H ANY LI	MINS H ANY YY	SUMMARY
KEY	F L G			ROCK QUAL DESIG	FOR MEN AGE	EN V	RT Q	TM LC-COL	QM2 3	TX 3	TX 4	S R O R	S N D	O H P	DIP / C	F SML	T 2	ID	STK AZM	DIP RT	CA H A	MU H A	CL H A	EP H A	HE H A	HA H A	PR H A	AS H A	FS H A	HA H A		
P L		112.70	125.70		GABR 3G			MX SH	EQ	4	5	6	5	P			V0 V0							Q1 H4		PO					
R P		112.70	125.70	GABBRO: INTENSE SHEARING AND MANY FAULT ZONES. ZONE AT																												
R P		112.70	125.70	112.88-113.08M IS GOUGED. 2CM OF GOUGE AT 30-70 DEG AT 120.31M.																												
R P		112.70	125.70	GOUGE AT 20 DEG. AT 121.15M. FAULT AT 121.71M AT 20 DEG.																												
R P		112.70	125.70	SLICKENSIDES AT 20 DEG. AT 123.00M. 3CM GOUGE AT 123.44M.																												
R P		112.70	125.70	SHEARING AT 70 DEG. AT 124.23M WITH SLICKENSIDES AT 10-55 DEG.																												
R P		112.70	125.70	GOUGE AT 60 DEG. AT 124.42M. ESSENTIALLY																												
R P		112.70	125.70	ONLY GOUGE AT 124.42-124.97M.																												
R N		113.08	116.74	LOST CORE: TRICONED TO 116.74M FROM 113.08M IN ORDER TO GET																												
R N		113.08	116.74	THROUGH FAULT ZONE.																												
N L		113.08	116.74	X LOST										N																		
R N		117.96	119.79	LOST CORE: TRICONED TO 119.79M TO GET THROUGH FAULT.																												
N L		117.96	119.79	X LOST										N																		
P L		125.70	127.41	DIOR GA				MX	EQ	4	5	7	5	P			V(V+							H1			PO				
R P		125.70	127.41	DIORITE: FAULT AT 30 DEG. AT 126.80-127.10M. HOLE STOPPED AS																												
R P		125.70	127.41	RODS STUCK FOR THE SECOND TIME IN THIS HOLE.																												

S U M M A R Y R E M A R K S

DRILL HOLE WS880013 WAS COLLARED 400M N OF THE QUARRY PITS AND WAS DRILLED TO TEST A NW TRENDING VLF EM-16 ANOMALY. THIS HOLE, LOCATED ON THE SW DIORITE ZONE, WAS DRILLED AT AN AZIMUTH OF 250 DEG. AND A DIP OF -50 DEG. FOR A TOTAL DEPTH OF 127.41M. OVERBURDEN OCCURS FROM 0.00-24.08M. THE INTERVAL FROM 24.08-43.85M IS COMPOSED OF HIGHLY FRACTURED GRANITE AND FELDAPR PORPHYRY DYKES CUT BY SMALL FAULT BOUNDED SLIVERS OF SERPENTINITE. THE REMAINDER OF THE HOLE IS HIGHLY FAULTED AND FRACTURED DIORITE AND GABBRO WITH SERPENTINITE SLIVERS AND MINOR DYKES. THE INTERVALS FROM 113.08-116.74M AND 117.96-119.79M WERE TRICONED TO GET THROUGH A MAJOR FAULT ZONE. THIS HOLE WAS SHUT DOWN AT 127.41M DUE TO DETERIORATING DRILL CONDITIONS.

M577 - WS880013 - SAMPLE INTERVALS

LINE	FROM	TO	NUMBER	LENGTH
1	0.00	24.08		
2	24.08	25.38	79072	1.30
3	25.38	26.88	79073	1.50
4	26.88	29.26	79074	2.38
5	29.26	32.31	79075	3.05
6	32.31	34.00	79076	1.69
7	34.00	37.50	79077	3.50
8	37.50	38.41	79078	0.91
9	38.41	39.82	79079	1.41
10	39.82	41.45	79080	1.63
11	41.45	42.25	79081	0.80
12	42.25	44.50	79082	2.25
13	44.50	45.72	79083	1.22
14	45.72	46.94	79084	1.22
15	46.94	48.46	79085	1.52
16	48.46	50.10	79086	1.64
17	50.10	51.51	79087	1.41
18	51.51	53.00	79088	1.49
19	53.00	54.56	79941	1.56
20	54.56	57.61	79942	3.05
21	57.61	58.50	79089	0.89
22	58.50	59.44	79943	0.94
23	59.44	61.50	79944	2.06
24	61.50	62.08	79945	0.58
25	62.08	64.40	79946	2.32
26	64.40	65.53	79947	1.13
27	65.53	65.90	79948	0.37
28	65.90	67.06	79949	1.16
29	67.06	69.50		
30	69.50	69.90	79950	0.40
31	69.90	70.50	79090	0.60
32	70.50	71.75	79091	1.25
33	71.75	72.75	79092	1.00
34	72.75	73.50	79093	0.75
35	73.50	75.53	79094	2.03
36	75.53	76.70	79095	1.17
37	76.70	78.94	79096	2.24
38	78.94	81.29	79951	2.35
39	81.29	83.34	79097	2.05
40	83.34	85.44	79098	2.10
41	85.44	86.87	79952	1.43
42	86.87	87.78	79953	0.91
43	87.78	90.22	79954	2.44
44	90.22	91.42	79955	1.20
45	91.42	94.00	79956	2.58
46	94.00	94.40	79957	0.40
47	94.40	96.32	79958	1.92
48	96.32	97.62	79099	1.30
49	97.62	98.38	79100	0.76
50	98.38	100.25	79101	1.87
51	100.25	102.68	79102	2.43
52	102.68	104.70	79103	2.02
53	104.70	106.00	79104	1.30
54	106.00	107.50	79105	1.50

W577 - WS880013 - SAMPLE INTERVALS

LINE	FROM	TO	NUMBER	LENGTH
55	107.50	109.67	79106	2.17
56	109.67	110.95	79107	1.28
57	110.95	112.70	79108	1.75
58	112.70	119.79	79109	7.09
59	119.79	121.31	79110	1.52
60	121.31	123.44	79111	2.13
61	123.44	124.97	79112	1.53
62	124.97	127.41	79113	2.44

Chevron Minerals Ltd.
M577

DRILLHOLE/TRAVERSE : WS880014

PROJECT IDEN : M577	START DATE : 88/ 7/25	COMPLETION DATE : 88/ 7/29	GEOLOGGED BY : RUB + SGM
COLLAR NORTHING: 5634520.00	COLLAR EASTING : 510855.00	COLLAR ELEVATION: 892.00	GRID AZIMUTH : 0.00
	TOTAL LENGTH : 243.23	CORE/HOLE SIZE : NQ	

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING
000	0.00		227.00	-50.00		
001	114.63		227.00	-48.00		

FLAG	INTERVAL FROM	INTERVAL TO	CORE RECOVERY (%)	% MINERALIZATION INDEX	ROCK TYPE	TYPIFYING MINERAL 1	TYPIFYING MINERAL 2	QUALIFYING MINERAL	TEXTURES 1	TEXTURES 2	GRAIN CHARACS	FRACTURE	STRUCTURE-1	ALTERATION MINS H	ALTERATION MINS H	ALTERATION MINS H	ALTERATION MINS H	ALTERATION MINS H	ALTERATION MINS ANY	ORE-TYPE MINS H	ORE-TYPE MINS H	ORE-TYPE MINS H	ORE-TYPE MINS ANY	SUMMARY
KEY	(UNITS = MT)																							
KEY		FROM - TO																						
KEY			ROCK QUAL DESIG	FOR MEM AGE	EN V	RT Q	TM QM2 LC- 3 COL	TX TX 3 4	S R O N R D	R S H P C	O DIP / SNL	F I	STRUCTUR-2											
P	0.00	23.93		OVER								P												
R	0.00	23.93		OVERBURDEN: BOULDER TILL.																				
P	23.93	97.35		DIOR			MX EQ 4 5 5 5					P	V)										D.	
L				GA								7	V*	H1										
R P	23.93	99.35		DIORITE: MEDIUM GRAINED, CUT BY A LARGE NUMBER OF FAULT ZONES AS																				
R P	23.93	99.35		INDICATED BY GOUGE, SLICKENSIDES AND SHEARING. THE																				
R P	23.93	99.35		PRINCIPLE FAULTS IN THE UPPER HOLE ARE AT 31.14-31.39M WITH																				
R P	23.93	99.35		SLICKENSIDES ON FRACTURES AT 0-15 DEG.; 32.60-32.80M WITH GOUGE																				
R P	23.93	99.35		AT 0 DEG.; 35.00-35.10M WITH SLICKENSIDES AT 25 DEG.; 35.50-																				
R P	23.93	99.35		35.60M SLICKENSIDES AT 10 DEG.; FROM 2MM TO 2CM THICK COMMON IN																				
R P	23.93	99.35		THE PGI.																				
R D	29.26	38.36		DIORITE: WITH GREATER THAN THE USUAL NUMBER OF QUARTZ VEINS.																				
N D	29.26	38.36		X DIOR			MX EQ 4 5 5 5					D	V+										D.	
L				GA								7	V*	H1										
R D	38.36	46.62		DIORITE: INTENSE SHEARING AT 20 DEG. WITH MINOR GOUGE FROM																				
R D	38.36	46.62		38.36-38.70M																				
N D	38.36	46.62		X DIOR			SH EQ 4 5 5 5					D	V)										D.	
L				GA								7	V*	H1										
R D	51.35	56.89		DIORITE: ABUNDANT SHEARING SIMILAR TO 38.36-46.62M. SHEARING AT																				
R D	51.35	56.89		51.45M IS AT 20 DEG. WITH GOUGE AT 20 DEG. AT 52.15-52.40M																				
R D	51.35	56.89		GOUGE ON FRACTURE AT 50 DEG. FAULT GOUGE FROM 52.75-53.03M AT																				
R D	51.35	56.89		50 DEG. SLICKENSIDES AT 45 DEG. AT 53.83-56.89M IS MOST GOUGE																				
R D	51.35	56.89		ON CORE ANGLES OF 20-30 DEG.																				
N D	51.35	56.89		X DIOR			SH EQ 4 5 5 5					0	V)										D.	
L				GA								7	V*	H1										
R D	62.04	67.41		DIORITE: ABUNDANT GOUGE ZONES. AT 62.04-62.59M THERE ARE																				
R D	62.04	67.41		GOUGE, SHEARING AND SLICKENSIDES ON FRACTURES AT 10 DEG. AND																				
R D	62.04	67.41		35 DEG. WITH UP TO 3CM OF GOUGE ON A SINGLE FAULT. IRREGULAR																				
R D	62.04	67.41		QUARTZ VEINS COMMON. AT 65.70-66.76 A GOUGE ZONE AT 0 AND 10																				
R D	62.04	67.41		DEG. FROM 65.70-66.10M GOUGE AT 15 DEG. THE																				
R D	62.04	67.41		ESTIMATED TRUE THICKNESS OF GOUGE IS ABOUT 12CM.																				
N D	62.04	67.41		X DIOR			SH EQ 4 5 5 5					0	V+										D.	

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DRILLHOLE/TRAVERSE : WS880014 (CONTINUED)

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  F  - I N T E R V A L -   CORE      %      TYPI- QAL  TEX-  GRAIN FRAC-        STRUCTUR-1 ALTERATION MINS  ORE-TYPE MINS
K  L (UNITS = MT)          RECOV-    M ROCK FYING MIN TURES CHARACS TURE                 H  H  H  H  H ANY H  H  H ANY
E  A                        ERY      I      TM TM MAT TX TX F C % M          T ID STK DIP  A  A  A  A  A MIN A  A  A MIN
Y  G   F R O M  -  T O     ( % )     X TYPE  1  2 QM1  1  2 F F C P  # TX    1    AZM  RT QZ MR CY AK SR XX PY CP LI YY  SUMMARY
- --- -----.--   -----.--  ----.- -- - ---- -- -- --- -- -- - - - - -- - -  - -- --- --- -- -- -- -- -- -- -- -- -- --  - - - -
K  F                       ROCK   FOR EN RT    TM QM2 TX TX S R S O DIP F    T ID STK DIP CA MU CL EP HE HA PR AS FS HA
E  L                       QUAL   MEM  V  Q LC- 3      3  4 O N H / SML I    2    AZM  RT       H  H  H  H  H  H  H  H
Y  G                       DESIG  AGE       COL             R D P C           STRUCTUR-2        A  A  A  A  A  A  A  A

L                                            GA                       7                  V*    H1
R D     68.58      81.40          DIORITE: WITH ABUNDANT QUARTZ STRINGERS, TYPICALLY AT
R D     68.58      81.40          0 AND 50 DEG.  SEVERAL FAULTS PRESENT AT
R D     68.58      81.40          73.82-74.32M WITH GOUGE ON FRACTURES AT 20 DEG., SLICKENSIDED
R D     68.58      81.40          PYRITE PRESENT. MAINLY GOUGED AT 77.20-77.62 AT 0-40 DEG.
R D     68.58      81.40          77.42-79.51M IS THE MOST QUARTZ RICH ZONE SO FAR IN THIS HOLE
R D     68.58      81.40          WITH 15% VEIN QUARTZ. 78.12-79.00M IS FAULTED AS INDICATED BY
R D     68.58      81.40          GOUGE. FAULT FROM 78.12-79.00M IS MOSTLY GOUGE. 79.60-80.40M IS
R D     68.58      81.40          GOUGED AT 10 AND 20 DEG. AND SLICKENSIDES AT 20 DEG., INCLUDING
R D     68.58      81.40          SLICKENSIDED PYRITE. AT 80.75-80.95M GOUGE AND SLICKENSIDES AT
R D     68.58      81.40          40 DEG. 81.08-81.38M IS GOUGED AND SLICKENSIDES AT 30 DEG.
N D     68.58      81.40              X DIOR          SH EQ 4 5 5 5      D               V+              D.
L                                            GA                       7                  V*    H1
R D     83.82      85.10          DIORITE: CONTAINING UNUSUALLY HEAVY QUARTZ (5%).
N D     83.82      85.10              X DIOR          MX EQ 4 5 5 5      D               V=              D(
L                                            GA                       7                  V*    H1
R M     85.10      88.80          GABBRO: FAULTING FROM 86.57-86.87M AT 0 DEG. FAULT AT 88.30M AT
R M     85.10      88.80          80 DEG. WITH GOUGE. FAULT AT 88.60M AT 30 DEG. WITH GOUGE.
N       85.10      88.80              X GABR          MX EQ 4 5 6 5      M               V*           TA D(
L                                            3G                                                       O*
R M     88.80      90.34          FELSIC DYKE: HORNBLENDE PHENOCRYSTS UP TO 2MM AND 1MM. WHITE
R M     88.80      90.34          FELDSPAR PHENOCRYSTS SET IN APHANITIC TO FINE GRAINED
R M     88.80      90.34          GROUNDMASS.
N       88.80      90.34              X O/FL          PP    2 5 = 5      N    LC      60 V)              D*
L                                            7A                       7                  V.
R M     90.34      96.36          GABBRO: THE LOWER CONTACT IS SHARP BUT IRREGULAR DUE TO VEINING
R M     90.34      96.36          AND POSSIBLY ALBITIZATION. SLICKENSIDED AND GOUGED FRACTURES AT
R M     90.34      96.36          0-15 DEG. AT 91.29-91.64M. FAULT AT 92.15M AT 25 DEG., GOUGE
R M     90.34      96.36          AND SLICKENSIDES WITH 2CM OF GOUGE. FAULT AT 93.25-93.30M AT
R M     90.34      96.36          10 DEG. FAULT AT 94.19M AT 50 DEG. WITH GOUGE MINOR. THIS IS A
R M     90.34      96.36          DRY AREA. FAULT AT 94.88M AT 45 DEG. INCLUDING GOUGE AT
R M     90.34      96.36          90.36-93.35M.
N       90.34      96.36              X GABR          MX EQ 4 5 6 5      M               V)              DO
L                                            3G       SH                                 V.
R D     96.36      97.35          DIORITE: CONTAINS RELATIVELY ABUNDANT QUARTZ AS VEINS; NO
R D     96.36      97.35          VISIBLE SULPHIDE.
N D     96.36      97.35              X DIOR          MX EQ 4 5 5 5      D               V1              PO
L                                            GA                       7                  V*    H1

P       97.35     243.25                SERP          MX    4 5 6 7      P               VO        P3    PO
L                                            3G                       X                  VO             (.
R P     97.35     243.25          SERPENTINITE: CONTAINS VARIABLE AMOUNTS OF PYROXENE SET IN A
R P     97.35     243.25          MASSIVE BLACK TO DARK GREEN GROUNDMASS WHICH IS PRESUMED TO BE
R P     97.35     243.25          ALTERED OLIVINE. STRONGLY MAGNETIC DUE TO MAGNETITE RESULTING
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DRILLHOLE/TRAVERSE : WS880014 (CONTINUED)

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  F  - I N T E R V A L -   CORE      %      TYPI- QAL  TEX-  GRAIN FRAC-        STRUCTUR-1 ALTERATION MINS  ORE-TYPE MINS
K L (UNITS = MT)           RECOV-    M ROCK FYING MIN TURES CHARACS TURE                   H  H  H  H  H ANY H  H  H ANY
E A                         ERY      I      TM TM MAT TX TX F C % M         T ID STK DIP  A  A  A  A  A MIN A  A  A MIN
Y G   F R O M  -  T O      ( % )     X TYPE  1  2 QM1  1  2 F F C P  # TX   1    AZM  RT QZ MR CY AX SR XX PY CP LI YY  SUMMARY
- --- -----.--  -----.--   ----.- -- - ---- -- -- --- -- -- - - - - -- -- -  - -- --- --- -- -- -- -- -- -- -- -- -- --  - - - -
K F                        ROCK  FOR EN RT   TM QM2 TX TX S R S O DIP F     T ID STK DIP CA MU CL EP HE HA PR AS FS HA
E L                        QUAL  MEM  V  Q LC- 3      3  4 O N H / SML I    2   AZM  RT        H  H  H  H  H  H  H  H
Y G                        DESIG AGE      COL            R D P C             STRUCTUR-2         A  A  A  A  A  A  A  A

R P    97.35     243.25       FROM THE SERPENTINIZATION. PYRRHOTITE COMMONLY OCCURS ON
R P    97.35     243.25       SLICKENSIDED FRACTURES. SERPENTINE SLIPS VERY COMMON
R P    97.35     243.25       AND AS THEY ARE FREQUENTLY SLICKENSIDED CONSTITUTE MINOR
R P    97.35     243.25       FAULTS.
R D    97.35     112.78       SERPENTINITE: INTENSELY FAULTED WITH ABUNDANT SLICKENSIDED
R D    97.35     112.78       FRACTURES. FAULT AT 97.67-97.82M WITH GOUGE AT 45 DEG. FAULT
R D    97.35     112.78       AT 98.56-102.11M WITH GOUGE; NO CORE ANGLE. FAULT AT 100.30M
R D    97.35     112.78       AT 55 DEG. AUGEN CATACLASTIC FEATURE AT 100.35-101.00M AT 15
R D    97.35     112.78       DEG. FAULT FROM 103.96 TO 110.00M WITH SLICKENSIDES COMMON AND
R D    97.35     112.78       SHORT SECTIONS OF GOUGE UP TO 10CM WITH CORE ANGLES HIGHLY
R D    97.35     112.78       VARIABLE FROM 10-50 DEG. SLICKENSIDED PYRRHOTITE COMMON AT
R D    97.35     112.78       103.96-110.00M. GOUGE AT 112.30-112.68M AT 40 DEG.
N D    97.35     112.78          X SERP         SH    4 5 6 7       D               VO        P3    PO
L                                       3G                       X               VO              <.
R O   118.07     123.00       SERPENTINITE: WITH NUMEROUS FAULTS. THE MAIN ONES AT
R O   118.07     123.00       118.07-118.42M WHICH IS MOSTLY GOUGE, AT 119.50-119.60M
R D   118.07     123.00       AT 60 OEG., AT 120.25-123.00M WITH SLICKENSIDED FRACTURES
R D   118.07     123.00       VARIOUSLY AT 0, 40 AND 50 DEG.
N D   118.07     123.00          X SERP         SH    4 5 6 7       D               VO        P3    PO
L                                       3G                       X               VO              <.
R O   123.55     124.00       SERPENTINITE: BLEACHED IN AREAS OF SHEARING WITH CORE ANGLES OF
R O   123.55     124.00       SHEARS 53-60 DEG.
N O   123.55     124.00          X SERP      BL8 SH    4 5 6 7       D               VO        P3    OO
L                                       3G                       X               VO              OO
R M   132.80     133.20       FELDSPAR PORPHYRY (?): ALTERED AND DEFORMED. NO QUARTZ VEINING
R M   132.80     133.20       OR SULPHIDE.
N     132.80     133.20          X OYKE      BL8 SH PP 2 5 1 5       M                     H8       TA
L                                       MW                       3                              <(
R M   139.20     140.00       UNCLASSIFIED OYKE: POSSIBLE FELDSPAR PORPHYRY SHEARED.
N     139.20     140.00          X DYKE      BL8 SH PP 4 5 3 6       M   LC       70 VO          TA DO
L                                       MW                           FC       70 VO    HX    <( DO
R D   140.51     141.68       SERPENTINITE: SHEARED AT 140.51-141.10M AT 15-75 DEG. SHEARED
R O   140.51     141.68       AT 15 OEG. AT 141.68M.
N D   140.51     141.68          X SERP         SH    4 5 6 7       D               VO        P3    PO
L                                       3G                       X               VO              <.
R D   143.80     161.35       SERPENTINITE: THE CORE CONTAINS ABUNDANT SERPENTINITE SLIPS
R D   143.80     161.35       WITH 27, 49, 62 AND 84 FRACTURES MINIMUM FOR CORE BOXES NO.
R D   143.80     161.35       23-26, RESPECTIVELY. CORE ANGLES IN BOX 23 TYPICALLY 10, 30 AND
R D   143.80     161.35       50 OEG. WITH 30-50 DEG. DOMINANT. IN BOX 24 15-30 DEG. CORE
R D   143.80     161.35       ANGLES DOMINATE AND 10-20 DEG. IN BOX 25 AND 0-25 OEG. IN BOX
R O   143.80     161.35       26. PYRRHOTITE BEARING SLICKENSIDED FRACTURES COMMON
R D   143.80     161.35       PARTICULARLY AT 58.50-161.35M.
N D   143.80     161.35          X SERP         SH    4 5 6 7       D               VD        P3    PO
L                                       3G                       X               VO              <.
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DRILLHOLE/TRAVERSE : MS880014 (CONTINUED)

KEY	FLAG	FROM - INTERVAL (UNITS = MT)	TO	CORE RECOVERY (%)	% MINERAL X	ROCK TYPE	TYPIFYING MINERAL 1	TYPIFYING MINERAL 2	QAL TEXTURES QM1	MIN TEXTURES 1	TEX TEXTURES 2	GRAIN CHARACS F	FRAC C	FRAC %	FRAC P	FRAC #	FRAC TK	STRUCTUR-1 T	STRUCTUR-1 ID	STRUCTUR-1 STK AZM	STRUCTUR-1 DIP RT	ALTERATION MINS H QZ	ALTERATION MINS H MR	ALTERATION MINS H CY	ALTERATION MINS H AK	ALTERATION MINS H SR	ALTERATION MINS H ANY MIN	ORE-TYPE MINS H XX	ORE-TYPE MINS H PY	ORE-TYPE MINS H CP	ORE-TYPE MINS H LI	ORE-TYPE MINS H ANY MIN	SUMMARY
K	F			ROCK QUAL DESIG	FOR MEM AGE	EN V	RT Q	LC- 3 COL	QM2	TX 3	TX 4	S O R D	N H P C	R S H /	O DIP SML	F I		STRUCTUR-2 T	STRUCTUR-2 ID	STRUCTUR-2 STK AZM	STRUCTUR-2 DIP RT	H QZ A	H MR A	H CY A	H AK A	H SR A	H ANY MIN A	H XX A	H PY A	H CP A	H LI A	H ANY MIN A	
R	M	161.35	162.90																														FELDSPAR PORPHYRY(?): INTENSELY SHEARED. SLICKENSIDED FRACTURES
R	M	161.35	162.90																														AT 0 DEG.
M		161.35	162.90			X	D/FP		BL8	PP	SH	2	5	1	5		N	UC		5	V0		H7				D0	
L								7G									X					V0						<-	
R	D	167.64	175.50																														SERPENTINITE: MUCH SHEARING AND FAULTING. FREQUENT SLICKENSIDED
R	D	167.64	175.50																														FRACTURES AND GOUGE IN THE PRINCIPAL AREAS OF FAULTING, NAMELY
R	D	167.64	175.50																														AT 167.64-167.84M WITH SLICKENSIDED PYRRHOTITE AT 10 AND 40 DEG.
R	D	167.64	175.50																														AT 168.80-169.16M SLICKENSIDED AND GOUGED FRACTURES AT 15 DEG.
R	D	167.64	175.50																														AT 169.82-170.89M GOUGE AND SLICKENSIDED FRACTURES WITH HIGHLY
R	D	167.64	175.50																														POLISHED PYRRHOTITE AT 0, 15 AND 20 DEG. AT 172.12-172.52M
R	D	167.64	175.50																														ABOUT 50% GOUGE WITH SLICKENSIDES AT 10 AND 40 DEG. AT
R	D	167.64	175.50																														BLEACHED AND SHEARED FELDSPAR PORPHYRY(?)AT 172.90-173.34 AS AT
R	D	167.64	175.50																														161.35-162.90M WITH SHARP BUT IRREGULAR UPPER CONTACT AT 25
R	D	167.64	175.50																														DEG. LOWER CONTACT AT 40 DEG. STRONGLY CLAY ALTERED. NO
R	D	167.64	175.50																														SULPHIDES. FAULT GOUGE AT 173.34-173.74M AT 30 DEG. AND
R	D	167.64	175.50																														SLICKENSIDED FRACTURE AT 5 DEG. SLICKENSIDED FRACTURE WITH
R	D	167.64	175.50																														PYRRHOTITE AT 20 AND 40 DEG. AT 174.96-175.50M.
N	D	167.64	175.50			X	SERP		SH		4	5	6	7		D					V0				P3		P0					
L								3G									X					V0						<.				
R	D	176.70	180.00																														SERPENTINITE: SHEARED, PYRRHOTITE COMMON. PYRRHOTITE IS
R	D	176.70	180.00																														SPECTACULAR ON SLIPS BUT VOLUMETRICALLY LOW. AT 176.60-178.31M
R	D	176.70	180.00																														SHEARING IS STRONG AT 10-15 DEG. GOUGE AT 178.31M.
R	D	176.70	180.00																														PRONOUNCED PYRRHOTITE WITH SLICKENSIDES AT 178.75-179.93M AT
R	D	176.70	180.00																														15-30 DEG. GOUGE AT 179.73-179.83M AT 60 DEG.
N	O	176.70	180.00			X	SERP		SH		4	5	6	7		D					V0				P3		P0					
L								3G									X					V0						<.				
R	D	182.94	183.04																														SERPENTINITE: MINOR GOUGE AT 90 DEG.
N	O	182.94	183.04			X	SERP		SH		4	5	6	7		D					V0				P3		P0					
L								3G									X					V0						<.				
R	M	184.70	185.57																														UNDIFFERENTIATED DYKE: APPEARS TO BE INTENSELY ALBITIZED.
R	M	184.70	185.57																														LOWER CONTACT IS GRADATIONAL, UPPER IS SHARP BUT IRREGULAR AT
R	M	184.70	185.57																														ABOUT 60 DEG.
M		184.70	185.57			AB	X DYKE		SH							N																	
L								MV																									
R	O	187.15	187.75																														SERPENTINITE: FAULTING AT 0 AND 40 DEG. ALSO SLICKENSIDED
R	D	187.15	187.75																														PYRROTITE.
N	D	187.15	187.75			X	SERP		SH		4	5	6	7		O					V0				P3		P0					
L								3G									X					V0						<(				
R	D	191.81	208.18																														SERPENTINITE: INTENSELY FRACTUREO AND SLICKENSIDED: 191.71M
R	D	191.81	208.18																														AT 0 DEG.; 192.73M AT 10 DEG.; 201.00M AT 10 DEG. AND
R	D	191.81	208.18																														60 DEG.; 202.70M AT 30 DEG.; 203.81M AT 10 DEG.; 207.00M AT 15
R	O	191.81	208.18																														DEG. THE ABOVE SLICKENSIDED SURFACES GENERALLY CONTAIN
R	D	191.81	208.18																														PYRRHOTITE
N	D	191.81	208.18			X	SERP		SH		4	5	6	7		O					V0				P3		P0					

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DRILLHOLE/TRAVERSE : WS880014 (CONTINUED)

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  F  - I N T E R V A L -   CORE     %      TYPI- QAL  TEX-  GRAIN FRAC-      STRUCTUR-1 ALTERATION MINS  ORE-TYPE MINS
K L (UNITS = MT)           RECOV-   M ROCK FYING MIN TURES CHARACS TURE                 H  H  H  H  H ANY H  H  H ANY
E A                         ERY     I      TM TM MAT TX TX F C % M          T ID STK DIP  A  A  A  A  A MIN A  A  A MIN
Y G  F R O M  -  T O       ( % )    X TYPE  1  2 QM1  1  2 F F C P  # TK    1    AZM  RT QZ MR CY AK SR XX PY CP LI YY  SUMMARY
- --- -----.--   -----.--  ----.- -- - ---- -- -- --- -- -- - - - - - -- -  - -- --- --- -- -- -- -- -- -- -- -- -- --  - - - -
K F                        ROCK   FOR EN RT    TM QM2 TX TX S R S O DIP F   T ID STK DIP CA MU CL EP HE HA PR AS FS HA
E L                        QUAL   MEM  V  Q LC- 3      3  4 O N H / SML I   2    AZM  RT       H  H  H  H  H  H  H  H
Y G                        DESIG  AGE       COL             R D P C          STRUCTUR-2        A  A  A  A  A  A  A  A

L                                       3G                     X                  V0              <(
R N     208.18     208.90        ALBITITE(?): MASSIVE, CUT BY A QUARTZ VEINLET 1CM THICK. (NOTE:
R N     208.18     208.90        209.30-209.55M IS A SHORT INTERSECTION OF ROCK THE SAME AS
R N     208.18     208.90        208.18-208.90M. ITS UPPER CONTACT IS 53 DEG., LOWER IS 60 DEG.
R N     208.18     208.90        NO SULPHIDE NOTED.)
N       208.18     208.90            X ALBT           SH    4 5 1 6        M    UC       40 V)    O(            D0
L                                       WW                                      LC       10                     00
R D     210.95     215.19        SERPENTINITE: ABUNDANT SLICKENSIDED FRACTURES BUT ONLY
R D     210.95     215.19        TRACES OF PYRRHOTITE ON THEM. THE PRINCIPAL CORE ANGLES OF
R D     210.95     215.19        FAULTS ARE: 10 DEG. AT 210.15M, 25 DEG. AT 212.43M AND 15 DEG.
R D     210.95     215.19        215.00M.
N D     210.95     215.19            X SERP           SH    4 5 6 7        D                  V0          P3    D0
L                                       3G                     X                  V0              <-
R D     216.56     217.32        SERPENTINITE: SHEARING AT 216.56M IS 60 DEG., 216.70M IS 15
R D     216.56     217.32        DEG.. INCLUDES 26CM OF ALBITITE STARTING AT 217.00M. LOWER
R D     216.56     217.32        CONTACT OF ALBITITE IS 53 DEG.
N D     216.56     217.32            7 SERP           SH    4 5 6 7        D                  V0 0-       P3    P0
L                                       3G                     X                  V0              <.
R N     217.32     218.14        GABBRO: LOWER CONTACT IS FAULTED WITH GOUGE AND SLICKENSIDES
R N     217.32     218.14        INCLUDING PYRRHOTITE
N       217.32     218.14            X GABR           MX EQ 4 5 7 6        M    FC       60                     TA D0
L                                       3G                                                                  O( <.
R D     218.90     226.17        SERPENTINITE: MANY SLICKENSIDED FRACTURES THROUGHOUT WITH THE
R D     218.90     226.17        MOST PROMINANT AT 218.00M AT 15 DEG., AT 219.35M AT 35 DEG., AT
R D     218.90     226.17        223.42-224.33M AT 15-45 DEG.
N D     218.90     226.17            X SERP           SH    4 5 6 7        D                  V0          P3    PD
L                                       3G                     X                  V0              <.
R D     227.77     229.20        SERPENTINITE: WITH THREE ALBITIZED DYKELETS AT
R D     227.77     229.20        227.77-227.97M, 228.86-229.00M AND 229.10-229.20M WITH CORE
R D     227.77     229.20        ANGLES TYPICALLY OF 30-55 DEG.
N D     227.77     229.20            9 SERP           MX    4 5 6 7        D                  V0          P3    P0
L                                       3G                     X                  V0              <.
R D     232.87     243.23        SERPENTINITE: SLICKENSIDES AT 231.65M AT 40 DEG., AT 233.50M AT
R D     232.87     243.23        20 DEG.. AT 232.87-233.07M SHEARING OF DYKE AT 20 DEG., AT
R D     232.87     243.23        238.22M GOUGE AT 30 DEG. AT 235.00M SLICKENSIDES AT 20 DEG. AT
R D     232.87     243.23        237.33M SLICKENSIDES AT 0 DEG., AT 238.46M AT 15 DEG.
R D     232.87     243.23        BLEACHED FINE GRAINED FELDSPATHIC DYKE AT 238.95-239.28M. LOWER
R D     232.87     243.23        CONTACT FAULTED AT 35 DEG. BLEACHED FELDSPATHIC DYKE AT 239.70-
R D     232.87     243.23        240.00M. MASSIVE WHITE MINERAL IN VEIN AT 240.75-241.10M.
R D     232.87     243.23        SHEARING AT 241.10-242.01M INCLUDING UP
R D     232.87     243.23        TO 1CM OF GOUGE ON SLICKENSIDED FRACTURES AT 25-50 DEG.
R D     232.87     243.23        SHEARING WITH MINOR GOUGE AT 10 AND 50 DEG. TO
R D     232.87     243.23        CORE ANGLES AT 242.51-243.23M.
N D     232.87     243.23            X SERP           SH    4 5 6 7        D                  V0 O(       P3    P0
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DRILLHOLE/TRAVERSE : WS880014 (CONTINUED)

KEY	FROM	TO	CORE RECOVERY (%)	% ROCK TYPE	TYPIFYING MINERAL 1	TYPIFYING MINERAL 2	QUALIFYING MINERAL	TEXTURES TX 1	TEXTURES TX 2	GRAIN CHARACS F	C	%	M	FRACTURE #	FRACTURE TK	STRUCTURE-1 T	ID	STK AZM	DIP RT	ALTERATION H A QZ	H A MR	H A CY	H A AK	H A SR	MINS H ANY MIN XX	ORE-TYPE H A PY	H A CP	H A LI	MINS H ANY MIN YY	SUMMARY
K	F		ROCK	FOR	EN	RT		TM	QM2	TX	TX	S	R	S	Q	DIP	F	T	ID	STK	DIP	CA	MU	CL	EP	HE	HA	PR	AS	FS	HA	
E	L		QUAL	MEM	V	Q	LC-	3		3	4	O	N	H	/	SML	I	2		AZM	RT			H	H	H	H	H	H	H	H	
Y	G		DESIG	AGE			COL					R	D	P	C			STRUCTUR-2						A	A	A	A	A	A	A	A	
L							3G									X						VO										<

S U M M A R Y R E M A R K S

DRILL HOLE WS880014 WAS COLLARED 100M NE OF HOLE WS880013 AND WAS DRILLED TO TEST A STRONG VLF EM-16 ANOMALY. THE HOLE, LOCATED ON THE SW DIORITE ZONE, WAS DRILLED AT AN AZIMUTH OF 227 DEG. AND A DIP OF -50 DEG. FOR A TOTAL DEPTH OF 243.23M.

OVERBURDEN WAS TRICONED TO 23.93M. DIORITE CUT BY UP TO 1% QUARTZ VEINS WAS INTERSECTED FROM 23.93-97.35M. ZONES OF SHEARING ARE FOUND THROUGHOUT THIS INTERVAL. SERPENTINITE OCCURS FROM 97.35-243.25M AND IS CUT IN PLACES BY FELDSPAR PORPHYRY DYKES.

M577 - WS660014 - SAMPLE INTERVALS

LINE	FROM	TO	NUMBER	LENGTH
1	0.00	23.93		
2	23.93	26.21	79929	2.28
3	26.21	28.40	79930	2.19
4	28.40	29.26	79931	0.86
5	29.26	31.39	79114	2.13
6	31.39	33.22	79115	1.83
7	33.22	35.36	79116	2.14
8	35.36	36.58	79117	1.22
9	36.58	38.36	79118	1.78
10	38.36	41.45	79119	3.09
11	41.45	43.28	79120	1.83
12	43.28	46.02	79121	2.74
13	46.02	49.07	79932	3.05
14	49.07	50.60	79933	1.53
15	50.60	53.03	79934	2.43
16	53.03	56.69	79935	3.66
17	56.69	59.74	79936	3.05
18	59.74	61.79	79937	2.05
19	61.79	62.79	79122	1.00
20	62.79	64.50	79123	1.71
21	64.50	66.70	79124	2.20
22	66.70	68.88	79938	2.18
23	68.88	70.10	79939	1.22
24	70.10	72.40	79125	2.30
25	72.40	74.52	79126	2.12
26	74.52	77.42	79940	2.90
27	77.42	79.51	79127	2.09
28	79.61	81.08	79128	1.57
29	81.08	82.08	79129	1.00
30	82.08	83.82	79130	1.74
31	83.82	85.20	79131	1.38
32	85.20	87.30	79132	2.10
33	87.30	88.80	79133	1.50
34	88.80	90.34	79134	1.54
35	90.34	92.30	79135	1.96
36	92.30	94.49	79136	2.19
37	94.49	96.36	79137	1.87
38	96.36	97.35	79138	0.99
39	97.35	100.89	79139	3.54
40	100.89	103.33	79140	2.44
41	103.33	105.50	79141	2.17
42	105.50	107.95	79142	2.45
43	107.95	110.45	79143	2.50
44	110.45	112.93	79144	2.48
45	112.93	114.61		
46	114.61	117.60	79145	2.99
47	117.60	118.57	79146	0.97
48	118.57	120.70	79147	2.13
49	120.70	123.55	79148	2.85
50	123.55	124.00	79149	0.45
51	124.00	126.00	79150	2.00
52	126.00	129.85	79151	3.85
53	129.85	131.67	79152	1.82
54	131.67	132.80	79153	1.13

M577 - WS880014 - SAMPLE INTERVALS

LINE	FROM	TO	NUMBER	LENGTH
55	132.80	133.20	79154	0.40
56	133.20	136.25	79155	3.05
57	136.25	139.20	79156	2.95
58	139.20	140.00	79157	0.80
59	140.00	141.58	79158	1.58
60	141.58	144.63	79159	3.05
61	144.63	146.30	79160	1.67
62	146.30	148.12		
63	148.12	150.57	79161	2.45
64	150.57	154.53		
65	154.53	156.36	79162	1.83
66	156.36	157.89	79163	1.53
67	157.89	159.90	79164	2.01
68	159.90	161.35	79165	1.45
69	161.35	162.90	79166	1.55
70	162.90	167.64		
71	167.64	169.66	79167	2.02
72	169.66	171.00	79168	1.34
73	171.00	172.87	79169	1.87
74	172.87	174.96	79170	2.09
75	174.96	176.17	79171	1.21
76	176.17	178.31	79172	2.14
77	178.31	181.22	79173	2.91
78	181.22	184.66		
79	184.66	185.50	79174	0.84
80	185.50	191.71		
81	191.71	193.85	79175	2.14
82	193.85	196.29	79176	2.44
83	196.29	198.42	79177	2.13
84	198.42	200.56	79178	2.14
85	200.56	202.30		
86	202.30	204.83	79179	2.53
87	204.83	206.26	79180	1.43
88	206.26	208.18	79181	1.92
89	208.18	208.95	79182	0.77
90	208.95	210.62	79183	1.67
91	210.62	211.53	79184	0.91
92	211.53	213.05	79185	1.52
93	213.05	215.19		
94	215.19	217.32	79186	2.13
95	217.32	218.14	79187	0.82
96	218.14	223.42		
97	223.42	226.16	79188	2.74
98	226.16	227.77		
99	227.77	229.20	79189	1.43
100	229.20	232.87		
101	232.87	235.01	79190	2.14
102	235.01	238.96		
103	238.96	240.18	79191	1.22
104	240.18	241.10	79192	0.92
105	241.10	243.23	79193	2.13

Chevron Minerals Ltd.
M577

DRILLHOLE/TRAVERSE : MS880015

PROJECT IDEN : M577	START DATE : 88/ 8/30	COMPLETION DATE : 88/ 8/31	GEOLOGGED BY : RUB + SGM
COLLAR NORTHING: 5834795.00	COLLAR EASTING : 511085.00	COLLAR ELEVATION: 900.00	GRID AZIMUTH : 0.00
	TOTAL LENGTH : 103.33	CORE/HOLE SIZE : NQ	

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING
000	0.00		217.00	-50.00		
001	102.72		217.00	-50.00		

K E Y	F L A G	- INTERVAL - FROM - TO (UNITS = MT)	CORE RECOVERY (%)	% M I X	ROCK TYPE	TYPIFYING MIN 1	QAL MIN 2	MAT QM1	TEXTURES TX 1	TX 2	GRAIN CHARACS F	C	% M	FRACTURE C	P	#	TK	STRUCTUR-1 T	ID	STK AZM	DIP RT	ALTERATION MINS H QZ	H A MR	H A CY	H A AK	H A SR	ANY MIN A XX	H A PY	H A CP	H A LI	ANY MIN YY	SUMMARY
K E Y	F L G		ROCK QUAL DESIG	FOR MEM AGE	EN V	RT Q	TM LC- COL	QM2 3	TX 3	TX 4	S O R	R N D	S H P	O / C	DIP SML	F I	TK	T 2 STRUCTUR-2	ID	STK AZM	DIP RT	CA H A	MU H A	CL H A	EP H A	HE H A	HA H A	PR H A	AS H A	FS H A	HA H A	
P		0.00 7.70					OVER								P																	
R P		0.00 7.70					OVERBURDEN: CLAY AND BOULDERS.																										
P		7.70 64.38					SERP		MX		4	5	5	5	P																SR
L							3G																								PX
R P		7.70 64.38					SERPENTINITE: EXTENSIVELY FAULTED AS INDICATED BY WIDESPREAD																										
R P		7.70 64.38					GOUGE AND SLICKENSIDES. NO VEINS. FAULTING AT 8.00M AT 35 DEG.,																										
R P		7.70 64.38					AT 8.20M AT 60 DEG., INCLUDING 5CM OF GOUGE, AT 8.50-8.54M																										
R P		7.70 64.38					GOUGE AT 30 DEG. CLAY SEAM AT 10.16M. SHEARING WITH GOUGE AT																										
R P		7.70 64.38					17.50M AT 20 DEG. GOUGED AT 15 DEG. AT 18.10-18.59M AND																										
R P		7.70 64.38					21.12-21.43M. SHEARED AND GOUGED AT 20 DEG. AT 27.78-27.98M.																										
R P		7.70 64.38					GOUGED AT 0 DEG. AT 28.15-28.65M. SLICKENSIDED AT 0-20 DEG. AT																										
R P		7.70 64.38					30.55-30.80M. STRONG GOUGE DEVELOPMENT AT 30 DEG. WITH UP TO																										
R P		7.70 64.38					50% GOUGE AT 31.00M, 35.70M AND 36.10M. SLICKENSIDED AND GOUGED																										
R P		7.70 64.38					AT 10 AND 50 DEG. AT 36.73-37.03M. SHEARED AND GOUGED AT 80 DEG.																										
R P		7.70 64.38					AT 38.24-38.74M. SHEARS, SLICKENSIDES AND GOUGE AT 0 AND 10																										
R P		7.70 64.38					DEG. AT 40.17-42.00M. GOUGE AT 10 DEG. AT 44.00M. SHEAR AT 20																										
R P		7.70 64.38					DEG. AT 44.50M. SHEAR AT 10 DEG. AT 45.00M. FAULT AT 0 DEG. AT																										
R P		7.70 64.38					49.30-49.78M. FAULT AT 30 DEG. AT 51.90-52.00M.																										
R N		10.67 17.50					GABBRO: MASSIVE, FINE TO MEDIUM GRAINED, BLEACHED AND CLAY																										
R N		10.67 17.50					ALTERED. 5CM OF FAULT GOUGE AT 11.65M AT 40 DEG.																										
R N		10.67 17.50					SLICKENSIDES, GOUGE AND SHEARING AT 0, 30 AND 40 DEG. AT																										
R N		10.67 17.50					12.90-13.72M. INTENSE SHEARING WITH SOME GOUGE AND SLICKENSIDES																										
R N		10.67 17.50					AT 10-20 DEG., MOSTLY AT 14.50-16.00M.																										
N		10.67 17.50					8L X GABR		MS		4	5	3	6	N																H4	
L							5A									X						V(									
R D		31.00 32.00					SERPENTINITE: SHEARED.																										
N D		31.00 32.00					X SERP		SH		4	5	5	5	D		F/		0												SR	
L							3G																								PX	
R D		45.50 48.00					SERPENTINITE: SHEARED.																										
N D		45.50 48.00					X SERP		SH		4	5	5	5	D		F/		5												SR	
L							3G										F/		10												PX	
R D		57.00 62.78					SERPENTINITE: ZONE OF INTENSE SHEARING, SLICKENSIDES AND GOUGE																										

Chevron Minerals Ltd.
M577

DRILLHOLE/TRAVERSE : MS880015 (CONTINUED)

KEY	FLAG	FROM	TO	CORE RECOVERY (%)	% MINI X	ROCK TYPE	TYPIFYING MINERAL 1	TYPIFYING MINERAL 2	QUALIFYING MATERIAL	TEXTURES 1	TEXTURES 2	GRAIN CHARACS F	C	% M	P	# TK	FRACTURE	STRUCTUR-1 T	ID	STK AZM	DIP RT	ALTERATION H A QZ	H A MR	H A CY	H A AK	H A SR	MINS ANY XX	ORE-TYPE H A PY	H A CP	MINS H A LI	ANY YY	SUMMARY
KEY	FLAG			ROCK QUAL DESIG	FOR MEM AGE	EN V	RT Q	LC- COL	TN 3	QM2	TX 3	TX 4	S O R D	R N P	S H C	O /	DIP SML	F I	STRUCTUR-2 T	ID	STK AZM	DIP RT	CA	MU	CL H A	EP H A	HE H A	HA H A	PR H A	AS H A	FS H A	HA H A	
RD		57.00	62.78		DEVELOPMENT.																											
ND		57.00	62.78		X	SERP			SH		4	5	5	5		D		UC		20						SR						
L							3G											LC		50						PX						
P		64.38	99.33			SERP			MX	SH	4	5	5	5		P																
L							3G																									
RP		64.38	99.33		SERPENTINITE: THIS SECTION IS MORE INTENSELY ALTERED THAN																											
RP		64.38	99.33		SERPENTINITE AT 7.70-64.38M. FAULT AT 74.90-75.59M WITH GOUGE																											
RP		64.38	99.33		AND SLICKENSIDES AT 20 DEG. FAULT AT 30 DEG. AT 76.09M. FAULT																											
RP		64.38	99.33		AT 20 DEG. AT 76.39. FAULT FROM 77.71-78.11M HAS SLICKENSIDES																											
RP		64.38	99.33		AT 50 DEG.																											
RD		64.38	74.68		SERPENTINITE: PERVASIVELY SLICKENSIDED AND EXTENSIVELY GOUGED.																											
RD		64.38	74.68		CORE ANGLES ARE GENERALLY 0-20 DEG. VERY RARE FINE GRAINED																											
RD		64.38	74.68		SULPHIDES, MAY BE ARSENOPYRITE IN PART, PYRRHOTITE FOR CERTAIN.																											
ND		64.38	74.68		X	SERP			MX	SH	4	5	5	5	X	D		UC		15												
L							3G											LC		40							<*		D-			
RD		79.36	99.33		SERPENTINITE: PERVASIVELY SLICKENSIDED AND EXTENSIVELY GOUGED.																											
RD		79.36	99.33		THE CORE IS VERY INCOMPETENT. THE LOWER CONTACT IS A FAULT																											
RD		79.36	99.33		INCLUDING 3CM OF GOUGE. VERY THIN SHEARS OF PYRRHOTITE. THE																											
RD		79.36	99.33		MORE SULPHIDE IN THIS SECTION THAN IN THE SECTION ABOVE.																											
RD		79.36	99.33		PARTICULARILY HEAVY GOUGING FROM 95.10-99.53M.																											
ND		79.36	99.33		X	SERP			SH	SH	4	5	5	5		D		F/		10												
L							3G								X			FC		10									F5	Q.		
P		99.33	103.33			SILT			BX	SH	3	3	X	3		P		SH		15												
L							A				3	2		0		7													F5	Q.		
RN		99.33	103.33		SILTSTONE: DARK SILTSTONE IS THE MATRIX OF ANGULAR GREY																											
RN		99.33	103.33		SILTSTONE FRAGMENTS. SHEARED AND GOUGED AT 99.33-100.90M.																											
RN		99.33	103.33		TRACES OF UNIDENTIFIED FINE SULPHIDES, EG. AT 100.96M. THE																											
RN		99.33	103.33		SILTSTONE IS LOCALLY GRAPHITIC. CORE ANGLES OF FRACTURES																											
RN		99.33	103.33		GENERALLY LESS THAN 20 DEG.																											
N		99.33	103.33		4	SILT			BX	SH	2	2	X	2		N																
L							N				3					7		SH		15									F5	Q.		

S U M M A R Y R E M A R K S

DRILL HOLE MS880015 WAS COLLARED 350M NE OF HOLE MS880014 AND WAS DRILLED TO TEST A STRONG VLF EM-16 ANOMALY. THE HOLE, LOCATED ON THE SW DIORITE ZONE, WAS DRILLED AT AN AZIMUTH OF 217 DEG. AND A DIP OF -50 DEG. FOR A TOTAL DEPTH OF 103.33M. OVERBURDEN EXTENDS TO 7.70M. HIGHLY FAULTED AND LOCALLY SHEARED SERPENTINITE OCCURS FROM 7.70-99.33M. THE HOLE ENDS IN SILTSTONE FROM 99.33-103.33M.

M577 - WS880015 - SAMPLE INTERVALS

LINE	FROM	TO	NUMBER	LENGTH
1	0.00	10.67		
2	10.67	13.00	79194	2.33
3	13.00	15.54	79195	2.54
4	15.54	16.95	79196	1.41
5	16.95	24.90		
6	24.90	26.77	79197	1.87
7	26.77	29.45	79198	2.68
8	29.45	32.25	79199	2.80
9	32.25	34.44		
10	34.44	36.88	79200	2.44
11	36.88	39.93		
12	39.93	41.76	79201	1.83
13	41.76	44.00		
14	44.00	47.24	79202	3.24
15	47.24	49.68	79203	2.44
16	49.68	52.12	79204	2.44
17	52.12	59.13		
18	59.13	62.79	79205	3.66
19	62.79	65.84		
20	65.84	68.00	79206	2.16
21	68.00	71.93		
22	71.93	74.00	79207	2.07
23	74.00	75.59	79208	1.59
24	75.59	77.11	79209	1.52
25	77.11	79.36	79210	2.25
26	79.36	81.08	79211	1.72
27	81.08	83.52	79212	2.44
28	83.52	85.00	79213	1.48
29	85.00	87.80	79214	2.80
30	87.80	89.93	79215	2.13
31	89.93	92.00	79216	2.07
32	92.00	94.50	79217	2.50
33	94.50	96.93	79218	2.43
34	96.93	99.33	79219	2.40
35	99.33	101.00	79220	1.67
36	101.00	103.33	79221	2.33

Chevron Minerals Ltd.
M577

DRILLHOLE/TRAVERSE : WS880016

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PROJECT IDEN    : M577          START DATE     : 88/ 7/31      COMPLETION DATE : 88/ 8/ 5     GEOLOGGED BY : RUB + SGM
COLLAR NORTHING: 5634734.00     COLLAR EASTING : 511253.00     COLLAR ELEVATION: 856.00       GRID AZIMUTH : 0.00
                                TOTAL LENGTH   : 293.22        CORE/HOLE SIZE : NQ
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SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING
000	0.00		209.00	-50.00		
001	168.86		209.00	-49.00		

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  F  - I N T E R V A L -   CORE      %     TYPI- QAL  TEX-  GRAIN FRAC-       STRUCTUR-1 ALTERATION MINS  ORE-TYPE MINS
K L (UNITS = MT)           RECOV-    M ROCK FYING MIN TURES CHARACS TURE                 H  H  H  H  H ANY H  H  H ANY
E A                         ERY      I      TM TM MAT TX TX F C % M          T ID STK DIP  A  A  A  A  A MIN A  A  A MIN
Y G  F R O M  -  T O       ( % )     X TYPE  1  2 QM1  1  2 F F C P  # TK    1    AZM  RT QZ MR CY AK SR XX PY CP LI YY  SUMMARY
- --- -----.--  -----.--   ----.- -- - ---- -- -- --- -- -- - - - - -- - -  - -- --- --- -- -- -- -- -- -- -- -- -- --  - - - -
K F                        ROCK   FOR EN RT    TM QM2 TX TX S R S O DIP F    T ID STK DIP CA MU CL EP HE HA PR AS FS HA
E L                        QUAL   MEM  V  Q LC- 3      3  4 O N H / SML I    2    AZM  RT       H  H  H  H  H  H  H  H
Y G                        DESIG  AGE       COL              R O P C            STRUCTUR-2       A  A  A  A  A  A  A  A

P       0.00      4.57            OVER                            P
R P     0.00      4.57        OVERBURDEN: TILL AND ASH.

P       4.57     77.00            DIOR          EQ MX 4 5 2 5     P    VN      35 V*                  D.    T-
L                                     AG        PA               6    VN                 H2
R P     4.57     77.00        DIORITE: CONTAINS DYKLETS OF LESS MAFIC VARITIES OF
R P     4.57     77.00        DIORITE AND OR GRANITE AND THESE COMPRISE 4-5% OVERALL. QUARTZ
R P     4.57     77.00        VEINLETS ARE TYPICALLY 2-5MM THICK. FELDSPARS ARE GENERALLY
R P     4.57     77.00        FRESH. NO CALCITE VEINS. MINOR FAULT AT 40 DEG. INCLUDING GOUGE
R P     4.57     77.00        AT 6.70M. FAULT AT 25 DEG. AT 17.07-17.27M. FOLIATED AT 40-50
R P     4.57     77.00        DEG. AT 32.00-34.36M. ABUNDANT SHEARING WITH GOUGE AT
R P     4.57     77.00        36.44-37.32M.  ANDESITE DYKE AT 60 DEG. (LOWER CONTACT) AT
R P     4.57     77.00        41.25-41.70M. THE DYKE IS CUT BY BARREN QUARTZ VEINLETS. AN-
R P     4.57     77.00        DESITE DYKES AT 44.02-42.19M, 42.49-45.00M AND 45.53-45.62M
R P     4.57     77.00        ARE AS ABOVE. FINE GRAINED PORPHYRITIC DYKE WITH 1-2MM (5%)
R P     4.57     77.00        FELDSPAR PHENOCRYSTS IN VERY FINE GRAINED GREENISH-GREY GROUND
R P     4.57     77.00        MASS AT 64.05-64.30M. INTENSE SHEARING AT 40 DEG. AT
R P     4.57     77.00        52.80-53.07M
R N    26.20     32.00        GRANITE: CONTACTS WITH DIORITE ARE SHARP. THIS SECTION IS
R N    26.20     32.00        THE MOST HIGHLY SILICIFIED SECTION IN THIS HOLE, IF
R N    28.20     32.00        NOT IN THE ENTIRE DRILLING PROGRAM TO DATE.
N      26.20     32.00          X GRAN      BL9 EQ MX 4 5 6 6     N    FC      75 V=    H2          D(
L                                               BX               9    LC      45 V(    H=
R D    32.00     34.56        DIORITE:
N D    32.00     34.56          X DIOR          FO MX 4 5 2 5     D    FO      40 V*                  D.    T-
L                                     AG        PA               6    VN                 H2
R N    34.56     40.75        GRANITE: CONTAINS LOCALLY ABUNDANT  BLACK MICROFRACTURES WITH
R N    34.56     40.75        CHLORITE(?). LOWER CONTACT IS SLICKENSIDED WITH HEAVY QUARTZ.
R N    34.56     40.75        STOCKWORK IN LAST 10CM. ALBITIZED AND CRACKLED ZONE WITH
R N    34.56     40.75        ABUNDANT MICROFRACTURES CONTAINING A BLACK UNIDENTIFIED MINERAL
R N    34.56     40.75        AT 38.68-39.10M.
N      34.56     40.75          X GRAN      BL6 PP BX 4 5 6 8     N    FC      45 V*    H1          D.
L                                    5A                          9             V(
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Chevron Minerals Ltd.
M577

DRILLHOLE/TRAVERSE : WS880016 (CONTINUED)

KEY	FL	FROM	TO	CORE RECOVERY (%)	% IN ROCK	TYPIFYING MINERAL 1	TYPIFYING MINERAL 2	QAL MAT QM1	TEXTURES 1	TEXTURES 2	GRAIN CHARACS F	GRAIN CHARACS C	GRAIN CHARACS %	FRACTURE #	FRACTURE TK	STRUCTUR-1 T	STRUCTUR-1 ID	STRUCTUR-1 STK AZM	STRUCTUR-1 DIP RT	ALTERATION MINS H QZ	ALTERATION MINS H MR	ALTERATION MINS H CY	ALTERATION MINS A AK	ALTERATION MINS A SR	ALTERATION MINS A XX	ORE-TYPE MINS H PY	ORE-TYPE MINS H CP	ORE-TYPE MINS A LI	ORE-TYPE MINS A YY	SUMMARY
KEY	FL			ROCK QUAL DESIG	FOR MEM AGE	EN V	RT Q	TM LC- COL	QM2 3	TX 3	TX 4	S R	R D	S P	O C	DIP SML	F I	STRUCTUR-2 T	STRUCTUR-2 ID	STRUCTUR-2 STK AZM	STRUCTUR-2 DIP RT	CA H A	MU H A	CL H A	EP H A	HE H A	HA H A	PR H A	AS H A	FS H A	HA H A	
R	N	47.35	53.55						GRANITE: BLEBS AND DISSEMINATIONS OF A BEIGE MINERAL THAT IS																						
R	N	47.35	53.55						EASILY SCRATCHED BY A KNIFE. SAMPLE TAKEN FOR THIN SECTION AT																						
R	N	47.35	53.55						48.15-48.70M WHERE THIS MINERAL APPEARS TO BE MOST ABUNDANT.																						
R	N	47.35	53.55						ABUNDANT BLACK MICROFRACTURES.																						
N		47.35	53.55			X	GRAN	BL9	EQ	MX	4	5	6	6	N	FC	30	V=			H1			X1						
L							8A		KR					9				V(			<1			B1						
R	N	72.75	74.00						GRANITE:																						
N		72.75	74.00			X	GRAN	BL3	PP	MX	4	5	5	6	N	FC	70	V-			H.			P.						
L							8A		KR					8							H.									
P		77.00	93.15				DIOR		EQ	MX	4	5	2	5	P	VN	15	V=						P.						
L							AG							6		VN	50	V.			H1									
R	P	77.00	93.15						DIORITE: SIMILAR TO 4.57-77.00M BUT CONTAINING MORE GRANITIC																						
R	P	77.00	93.15						DYKES > 50 CM THICK.																						
R	N	80.86	82.80						GRANITE: LOWER CONTACT SHEARED AT 20 DEG. PLAGIOCLASE GENERALLY																						
R	N	80.86	82.80						HARD TO KNIFE AND THEREFORE FRESH.																						
N		80.86	82.80			X	GRAN		EQ	MX	4	5	5	6	N	LC	20	V(			H.									
L							8A		KR	SH				8							H.			P.						
R	N	85.00	88.90						GRANITE: LOWER CONTACT SHARP AT 50 DEG. LITTLE QUARTZ, WEAK																						
R	N	85.00	88.90						ALBITIZATION.																						
N		85.00	88.90			AB	= GRAN		EQ	MX	4	5	5	6	N	LC	50	V(			H(			P(						
L														7																
P		93.15	97.05				GRAN	BL5	EQ	MX	4	5	5	6	P	FC	65	V+						P(						
L							8A									VN	40	V(			H+									
R	P	93.15	97.05						GRANITE: INTRUDES DIORITE BUT GRANITE IS THE PRINCIPAL UNIT																						
R	P	93.15	97.05						VOLUMETRICALLY.																						
R	N	93.15	97.05						DIORITE: DIORITE IS INTRUDED BY GRANITE DYKES UP TO 0.84M WIDE.																						
N		93.15	97.05			3	DIOR		EQ	MX	4	5	2	5	M	VN	40	V*						D(						
L							AG									VN	40				H1									
P		97.05	99.00				GRAN		EQ	MX	4	5	5	6	P	VN	40	V*						D(						
L							8A									LC	20				H+									
R	P	97.05	99.00						GRANITE:																						
P		99.00	121.00				DIOR		EQ	MX	4	2	2	5	P	VN	50	V*						D)						
L							AG							6							H1									
R	P	99.00	121.00						DIORITE: BLEACHED GRANITE DYKES AT 106.55-107.80M.																						
R	N	99.00	121.00						GRANITE: FORMS DYKES IN DIORITE.																						
N		99.00	121.00			3	GRAN		EQ	MX	4	5	5	6	N	VN	75	V+												
L							8A									VN	55				H+			D(						
P		121.00	122.35				O/IN	BL4	MX		4	4	=	4	6	P	UC	80	V.						O(						
L																	LC	30												

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DRILLHOLE/TRAVERSE : WS880016 (CONTINUED)

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  F  - I N T E R V A L -  CORE      %      TYPI- QAL  TEX-  GRAIN FRAC-       STRUCTUR-1 ALTERATION MINS  ORE-TYPE MINS
K L (UNITS = MT)          RECOV-    M ROCK FYING MIN TURES CHARACS TURE                 H  H  H  H  H ANY H  H  H ANY
E A                        ERY      I      TM TM MAT TX TX F C % M        T ID STK DIP  A  A  A  A  A MIN A  A  A MIN
Y G  F R O M  -  T O      ( % )     X TYPE  1  2 QM1  1  2 F F C P  # TK    1    AZM  RT QZ MR CY AK SR XX PY CP LI YY  SUMMARY
- --- -----.--   -----.--   ----.- -- - ---- -- -- --- -- -- - - - - -- -  - -- --- --- -- -- -- -- -- -- -- -- -- --  - - - -
K F                       ROCK  FOR EN RT    TM QM2 TX TX S R S O DIP F   T ID STK DIP CA MU CL EP HE HA PR AS FS HA
E L                       QUAL  MEM  V  Q LC- 3      3  4 O N H / SML I   2   AZM  RT       H  H  H  H  H  H  H  H
Y G                       DESIG AGE       COL             R D P C         STRUCTUR-2         A  A  A  A  A  A  A  A

R P   121.00    122.35       INTERMEDIATE DYKE: CUT BY GRANITIC DYKE AT 120.80M. THE
R P   121.00    122.35       GRANITIC DYKE APPEARS CHILLED AGAINST THE INTERMEDIATE DYKE.

P     122.35    141.10            DIOR         EQ MX 4 2 2 5      P              V)             D.
L                                      AG      SH              8                      H3
R P   122.35    141.10       DIORITE: INTRUDED BY IRREGULAR GRANITIC DYKES RANGING FROM A
R P   122.35    141.10       FEW CM UP TO 50 CM THICK. MINOR SHEAR AT 65 DEG. AT 123.25M.
R P   122.35    141.10       SHEARING AT 0 DEG. AT 126.20-136.60M. FINE GRAINED DIORITIC
R P   122.35    141.10       DYKELET WITH IRREGULAR UPPER CONTACT AND BLEACHED LOWER CONTACT
R P   122.35    141.10       IS INTRUDED BY GRANITIC DYKELETS AND CUT BY CALCITE VEINS AT
R P   122.35    141.10       129.35-130.20M. MORE THAN NORMAL PYRITE IN THIS DYKE. SHEARING
R P   122.35    141.10       AT 131.40-132.00M.
R N   122.35    141.10       GRANITE: SEVERAL FINE GRAINED INTERMEDIATE DYKES FROM 20-70CM
R N   122.35    141.10       THICK AT 134.50-141.10M. OCCASIONALLY CONTAINS UP TO 60% BEIGE
R N   122.35    141.10       MINERAL. (SEE 47.35-53.55M ABOVE).
N     122.35    141.10          3 GRAN         EQ MX 4 5 5 6      N                          X1
L                                      8A                      8              V)   H+        P1 D.

P     141.10    159.34            D/FP      BL7 PP KR 4 5 7 8     P    LC     15 V(   H2        X1 D(
L                                      7G      SH              8              V1   H+        P3
R P   141.10    159.34       FELDSPAR PORPHYRY DYKE: FELDSPAR PHENOCRYSTS SET IN FINE
R P   141.10    159.34       GRAINED GROUND MASS. INTENSELY ALTERED. COLOR VARIES
R P   141.10    159.34       DEPENDING ON ALTERATION FROM LIGHT GREEN TO BEIGE.
R P   141.10    159.34       UPPER CONTACT OBSCURED BY ALTERATION. THE GRAIN SIZE
R P   141.10    159.34       IS QUITE VARIABLE AND IS ESTIMATED AT 154.18M.
R P   141.10    159.34       PLAGIOCASE OCCASIONALLY GREENISH DUE TO CLAY ALTERATION.
R P   141.10    159.34       MINERAL X1 PRESENT COULD BE A PECULIAR COLORED
R P   141.10    159.34       FELDSPAR. FAULT AT 131.75-131.85M WITH SHEARING AT 20 DEG. AND
R P   141.10    159.34       SLICKENSIDED. SHEARING AT 142.00M IS AT 15 DEG. SHEARING AT
R P   141.10    159.34       144.20-144.70M IS FAULTED WITH GOUGE AT 65 DEG. SLICKENSIDED
R P   141.10    159.34       FRACTURE AT 35 DEG. AT 155.75M. SHEARING AT 0 DEG. FROM
R P   141.10    159.34       158.00-158.36M. ABUNDANT BLACK MICROFRACTURES. CALCITE VEINS AT
R P   141.10    159.34       0-50 DEG. AT 150.59-151.50M.

P     159.34    164.39            DIOR         EQ MX 4 5 5 5      P              V(             D(
L                                      AG                      7              V)   H1
R P   159.34    164.39       DIORITE: CONTAINS BARREN QUARTZ AND CALCITE STRINGERS. FINE
R P   159.34    164.39       GRAINED ANDESITE DYKE CUT BY GRANITIC DYKLETS AT
R P   159.34    164.39       163.63-164.39M.

P     164.39    189.80            GRAN         EQ MX                P    UC     30               D(
L                                      8A                                     V-   H)
R P   164.39    189.80       GRANITE: MEDIUM GRAINED WITH ABUNDANT BLACK MICROFRACTURES.
R D   172.53    174.00       GRANITE: WITH OCCASIONAL SHORT INTERSECTIONS OF DIORITE -
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DRILLHOLE/TRAVERSE : WS880016 (CONTINUED)

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  F  - I N T E R V A L -  CORE     %     TYPI- QAL  TEX-  GRAIN FRAC-       STRUCTUR-1 ALTERATION MINS  ORE-TYPE MINS
K  L (UNITS = MT)         RECOV-   M ROCK FYING MIN TURES CHARACS TURE                H  H  H  H  H ANY H  H  H ANY
E  A                       ERY     I       TM TM MAT TX TX F C % M           T ID STK DIP  A  A  A  A  A MIN A  A  A MIN
Y  G   F R O M  -  T O    ( % )    X TYPE  1  2 QM1  1  2 F F C P  # TK     1    AZM  RT QZ MR CY AK SR XX PY CP LI YY  SUMMARY

K  F                      ROCK   FOR EN RT    TM QM2 TX TX S R S O DIP F     T ID STK DIP CA MU CL EP HE HA PR AS FS HA
E  L                      QUAL   MEM  V  Q LC- 3       3  4 O N H / SML I    2    AZM  RT       H  H  H  H  H  H  H  H
Y  G                      DESIG  AGE       COL              R D P C              STRUCTUR-2        A  A  A  A  A  A  A  A
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KEY FLG	FROM	TO	DATA
R D	172.53	174.00	PROBABLY DYKES. EG. 175.33-176.19M, 176.87-177.82M AND
R D	172.53	174.00	181.36-181.57M
N D	172.53	174.00	AB X GRAN EQ MX D UC 30 V* D(
L			8A V- H)
R N	183.07	189.80	DIORITE:
N	183.07	189.80	2 DIOR EQ MX 4 2 2 5 N V+ D(
L			AG 8 V+ H3
P	189.80	191.42	X O/IN BL5 MX KR 4 5) 5 P UC 65 V. D(
L			AG 8 V(
R P	189.80	191.42	INTERMEDIATE DYKE: SIMILAR TO 134.10-141.10M IN THIS HOLE.
R P	189.80	191.42	QUITE PYRITIC IN THE UPPER HALF WHERE FRACTURING IS MOST
R P	189.80	191.42	INTENSE.
P	191.42	203.00	DIOR MX EQ 45 55 P V) D(
L			AG SH 8 V) H1
R P	191.42	203.00	DIORITE: MEDIUM GRAIN, CHLORITIZED. A FAULT ZONE WITH GOUGE AT
R P	191.42	203.00	65 DEG. AT 194.50-191.55M.
P	203.00	228.05	DIOR EQ MX 4 5 5 5 P FO 30 V= D(
L			AG PA SH 5 V. H1
R P	203.00	228.05	DIORITE: MEDIUM GRAINED WITH GRANITIC INTERVALS AND MORE
R P	203.00	228.05	QUARTZ THAN ABOVE. SHEARING AT 40 DEG. INCLUDING GOUGE AT
R P	203.00	228.05	209.64-209.79M. FOLIATION LOCALLY DEVELOPED SUCH AS AT 209.80M
R P	203.00	228.05	AT 30 DEG. AND 211.10M AT 35 DEG. SHEARING AND GOUGE AT 50 DEG.
R P	203.00	228.05	AT 204.80-205.00M. SLICKENSIDED FRACTURE AT 40 DEG. WITH HEAVY
R P	203.00	228.05	SLICKENSIDED PYRITE AT 220.35M. SHEARING AT 60 DEG. AT
R P	203.00	228.05	23.36-223.40M. SHEARING AT 40-65 DEG. WITH MINOR GOUGE AT
R P	203.00	228.05	225.90-226.30M.
R N	203.00	228.05	GRANITE: FORMS IRREGULAR DYKES IN THIS SOMEWHAT FINER GRAINED
R N	203.00	228.05	DIORITE. MINOR MAGMATIC BRECCIA SUCH AS AT 217.40-217.75M.
R N	203.00	228.05	UNUSUALLY HEAVY QUARTZ AND FRACTURING IN GRANITIC SECTION AT
R N	203.00	228.05	218.38-238.80M.
N	203.00	228.05	1 GRAN EQ MX 4 5 5 6 M V) O(
L			8A BX 8 V)
P	228.05	240.96	DIOR MX EQ 3 4 1 5 P V) D(O/
L			GA V) H/
R P	228.05	240.96	DIORITE: ABUNDANT DYKELETS OF GRANITE. TRACES OF CHALCOPYRITE
R P	228.05	240.96	AT 233.66M. SHEARING AT 236.04-236.25M INCLUDING MINOR GOUGE
R P	228.05	240.96	AT 60 DEG. SLICKENSIDES AT 15 DEG. AT 237.30-237.40M.
P	240.96	248.84	DIOR MX EQ 4 5 5 5 P V= O(
L			AG SH 8 V(H1

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DRILLHOLE/TRAVERSE : MS880016 (CONTINUED)

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  F  - I N T E R V A L -  CORE      %      TYPI- QAL  TEX-  GRAIN FRAC-      STRUCTUR-1 ALTERATION MINS  ORE-TYPE MINS
K L (UNITS = MT)          RECOV-    M ROCK FYING MIN TURES CHARACS TURE                 H  H  H  H  H ANY H  H  H ANY
E A                        ERY      I      TM TM MAT TX TX F C % M         T ID STK DIP  A  A  A  A  A MIN A  A  A MIN
Y G  F R O M  -  T O      ( % )     X TYPE  1  2 QM1  1  2 F F C P  # TX   1    AZM  RT QZ MR CY AK SR XX PY CP LI YY  SUMMARY
- --- -----.--  -----.--  ----.- -- - ---- -- -- --- -- -- - - - - -- -- - - -- --- --- -- -- -- -- -- -- -- -- -- --  - - - -
K F                       ROCK   FOR EN RT    TM QM2 TX TX S R S O DIP F   T ID STK DIP CA MU CL EP HE HA PR AS FS HA
E L                       QUAL   MEM  V  Q LC- 3       3  4 O N H / SML I   2    AZM  RT    H  H  H  H  H  H  H  H
Y G                       DESIG  AGE       COL             R D P C          STRUCTUR-2        A  A  A  A  A  A  A  A

R P    240.96     248.84        DIORITE: MEDIUM GRAINED CUT BY GRANITIC DYKES. SLICKENSIDES AT
R P    240.96     248.84        75 DEG. AT 245.69M. SHEARING AT 20 DEG. AT 243.97M.
R M    240.96     248.84        GRANITE:
M      240.96     248.84            1 GRAN      BL4 MX EQ 4 5 5 6       M                V=              D(
L                                          7A        SH                8                 V(    H1

P      248.84     256.63              DIOR          MX EQ 4 5 5 5       P                V1              D(
L                                          GA        SH                9                       H2
R P    248.84     256.63        DIORITE: CUT BY GRANITIC DYKELETS. SHEARED AT 85 DEG. AT
R P    248.84     256.63        251.20-251.31M. SHEARED AT 60 DEG. AT 254.00M.
R M    248.84     256.63        GRANITE: OCCURS AS DYKES INTRUDING DIORITE.
M      248.84     256.63            2 GRAN          MX EQ 4 5 7 5       M                V1
L                                          7A                          9                       H)              D(

P      256.63     259.60          AB   GRAN         MX EQ               P    FC       50 V)
L                                          7A        PP                4                       H)              D)
R P    256.63     259.60        GRANITE: SHEARING AT 20 AND 50 DEG. AT 259.50-259.70M. PYRITE
R P    256.63     259.60        IS SLICKENSIDED.

P      259.60     260.91              DIOR          MX EQ 4 5 5 5       P    SH        0 V*              D)
L                                          GA                          3
R P    259.60     260.91        DIORITE: CHLORITIC WITH FEW QUARTZ VEINS AT LOWER CONTACT.

P      260.91     266.47              GRAN          EQ MX 4 5 6 6       P    LC       80 V1           X1 D(
L                                          7A                                            V)           B2
R P    260.91     266.47        GRANITE: INTENSELY ALTERED, ABUNDANT VEINS AND AN ABUNDANCE OF
R P    260.91     266.47        MINERAL X1 (SEE 47.35-53.55M). THE COLOR VARIES
R P    260.91     266.47        FROM GREENISH-PINK TO DARK GREY AND LIGHT GREEN AT
R P    260.91     266.47        141.10-159.34M.

P      266.47     273.10              DIOR          MX EQ 4 5 5 5       P                V1              D(
L                                          AG        PA                2
R P    266.47     273.10        DIORITE: MEDIUM GRAINED, DARK DIORITE WITH GRANITIC DYKES
R P    266.47     273.10        PRESENT, PARTICULARILY IN THE LOWER 2M OF THE SECTION.
R M    266.47     273.10        GRANITE: FROMS DYKES IN DIORITE.
M      266.47     273.10            2 GRAN          MX EQ 4 5 5 6       M                V)              D(
L                                          7A                          8

P      273.10     277.23              DIOR          MX EQ 3 4 1 5       P                V(              D.
L                                          AG                                                      H1
R P    273.10     277.23        DIORITE: FINE GRAINED SIMILAR TO 228.05-240.96M.
R M    273.10     277.23        GRANITE: THIS SCETION IS SIMILAR TO THE GRANITE OF
R M    273.10     277.23        228.05-240.56M. ABUNDANT BLACK FRACTURES CUTTING THE GRANITE.
M      273.10     277.23            4 GRAN          MX EQ 4 5 5 6       M                V)              D.
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DRILLHOLE/TRAVERSE : WS880016 (CONTINUED)

KEY	FLAG	FROM - INTERVAL (UNITS = MT)	TO	CORE RECOVERY (%)	%M I X	ROCK TYPE	TYPIFYING MINERAL 1	TYPIFYING MINERAL 2	QAL MIN MAT QM1	TEXTURES 1	TEXTURES 2	GRAIN CHARACS F	GRAIN CHARACS C	GRAIN CHARACS %	GRAIN CHARACS M	FRACTURE P	FRACTURE #	FRACTURE TK	STRUCTUR-1 T	STRUCTUR-1 ID	STRUCTUR-1 STK AZM	STRUCTUR-1 DIP RT	ALTERATION H QZ	ALTERATION H MR	ALTERATION H CY	ALTERATION H AK	ALTERATION H SR	ALTERATION H ANY MIN	ORE-TYPE H AS	ORE-TYPE H CP	ORE-TYPE H LI	ORE-TYPE H ANY MIN	SUMMARY
KEY	FLAG			ROCK QUAL DESIG	FOR MEM AGE	EN V	RT Q	TM LC-COL 3	QM2	TX 3	TX 4	S R O R	R N D	S H P	O / C	DIP SML	F I	STRUCTUR-2 T	ID 2	STK AZM	DIP RT	CA	MU H A	CL H A	EP H A	HE H A	HA H A	PR H A	AS H A	FS H A	HA H A	
L					7A																											
P		277.23	293.22		DIOR AG			BLO	EQ PA	MX	4	5	6	6	P 8			V)					H2								DO	
R	P	277.23	293.22	DIORITE: QUARTZ VEINS TYPICALLY AT 45-65 DEG. QUARTZ VEINS																												
R	P	277.23	293.22	FOUND THROUGHOUT, BUT DECREASE NOTICEABLY BELOW 287.12M.																												
R	P	277.23	293.22	FAULTING INDICATED BY SLICKENSIDES AT 20 DEG. AT																												
R	P	277.23	293.22	279.86-281.33M.																												
R	N	277.23	293.22	GRANITE: DYKELETS IN DIORITE. THE GRANITE TYPICALLY CONTAINS																												
R	N	277.23	293.22	ABUNDANT BLACK MICROFRACTURES. OCCASIONALLY MINOR BROWN BIOTITE																												
R	N	277.23	293.22	OCCURS IN THE GRANITE DYKES. FINE GRAINED DIORITE DYKELET AT																												
R	N	277.23	293.22	293.00-293.22M .																												
N		277.23	293.22	1 GRAN					EQ	4	5	5	6	N				V)														
L					7A										8								H+								DO	

S U M M A R Y R E M A R K S

DRILL HOLE WS880016 WAS COLLARED 150M SE OF HOLE WS880015 AND WAS DRILLED TO TEST A MAGNETOMETER LOW FLANKED BY A VLF EM-16 ANOMALY. THE HOLE, LOCATED ON THE SW DIORITE ZONE, WAS DRILLED AT AN AZIMUTH OF 209 DEG. AND A DIP OF -50 DEG FOR A TOTAL DEPTH OF 293.22M.
OVERBURDEN WAS TRICONED TO 4.57M. DIORITE WITH ZONES OF GRANITE OCCURS FROM 4.57-293.22M AND IS LOCALLY BLEACHED AND CUT BY MINOR QUARTZ STRINGERS. A HIGHLY BLEACHED FELDSPAR PORPHYRY DYKE OCCURS AT 141.10-159.34M.

M577 - WS880016 - SAMPLE INTERVALS

LINE	FROM	TO	NUMBER	LENGTH
1	0.00	4.57		
2	4.57	7.01	79222	2.44
3	7.01	9.45	79223	2.44
4	9.45	11.50	79224	2.05
5	11.50	14.02	79225	2.52
6	14.02	16.50	79226	2.48
7	16.50	19.00	79227	2.50
8	19.00	21.40	79228	2.40
9	21.40	23.50	79229	2.10
10	23.50	26.20	79230	2.70
11	26.20	28.53	79231	2.33
12	28.53	32.00	79232	3.47
13	32.00	34.56	79233	2.56
14	34.56	36.45	79234	1.89
15	36.45	39.30	79235	2.85
16	39.30	41.85	79236	2.55
17	41.85	43.82	79237	1.97
18	43.82	46.03	79238	2.21
19	46.03	47.33	79239	1.30
20	47.33	49.30	79240	1.97
21	49.30	51.50	79241	2.20
22	51.50	53.55	79242	2.05
23	53.55	55.55	79243	2.00
24	55.55	57.91	79244	2.36
25	57.91	60.97	79245	3.06
26	60.97	63.00	79246	2.03
27	63.00	65.00	79247	2.00
28	65.00	67.00	79248	2.00
29	67.00	69.00	79249	2.00
30	69.00	71.00	79250	2.00
31	71.00	72.75	79251	1.75
32	72.75	74.00	79252	1.25
33	74.00	76.00	79253	2.00
34	76.00	78.00	79254	2.00
35	78.00	80.00	79255	2.00
36	80.00	82.00	79256	2.00
37	82.00	84.00	79257	2.00
38	84.00	86.00	79258	2.00
39	86.00	88.00	79259	2.00
40	88.00	90.00	79260	2.00
41	90.00	92.00	79261	2.00
42	92.00	94.00	79262	2.00
43	94.00	96.00	79263	2.00
44	96.00	98.00	79264	2.00
45	98.00	100.00	79265	2.00
46	100.00	102.00	79266	2.00
47	102.00	104.00	79267	2.00
48	104.00	106.00	79268	2.00
49	106.00	108.00	79269	2.00
50	108.00	110.00	79270	2.00
51	110.00	112.00	79271	2.00
52	112.00	114.00	79272	2.00
53	114.00	116.00	79273	2.00
54	116.00	118.00	79274	2.00

M577 - WS880016 - SAMPLE INTERVALS

LINE	FROM	TO	NUMBER	LENGTH
55	118.00	120.00	79275	2.00
56	120.00	122.00	79276	2.00
57	122.00	124.00	79277	2.00
58	124.00	126.00	79278	2.00
59	126.00	128.00	79279	2.00
60	128.00	130.00	79280	2.00
61	130.00	132.00	79281	2.00
62	132.00	134.00	79282	2.00
63	134.00	136.00	79283	2.00
64	136.00	138.00	79284	2.00
65	138.00	138.99	79285	0.99
66	138.99	141.10	79286	2.11
67	141.10	143.00	79287	1.90
68	143.00	145.00	79288	2.00
69	145.00	147.00	79289	2.00
70	147.00	149.06	79290	2.06
71	149.06	151.00	79291	1.94
72	151.00	153.00	79292	2.00
73	153.00	155.00	79293	2.00
74	155.00	157.00	79294	2.00
75	157.00	159.34	79295	2.34
76	159.34	161.54	79296	2.20
77	161.54	163.39	79297	1.85
78	163.39	165.81	79298	2.42
79	165.81	167.81	79299	2.00
80	167.81	169.81	79300	2.00
81	169.81	171.81	79301	2.00
82	171.81	173.81	79302	2.00
83	173.81	176.00	79303	2.19
84	176.00	178.00	79304	2.00
85	178.00	180.00	79305	2.00
86	180.00	182.00	79306	2.00
87	182.00	184.00	79307	2.00
88	184.00	186.00	79308	2.00
89	186.00	188.00	79309	2.00
90	188.00	190.00	79310	2.00
91	190.00	192.00	79311	2.00
92	192.00	194.00	79312	2.00
93	194.00	196.00	79313	2.00
94	196.00	198.00	79314	2.00
95	198.00	200.00	79315	2.00
96	200.00	202.00	79316	2.00
97	202.00	204.00	79317	2.00
98	204.00	206.00	79318	2.00
99	206.00	208.00	79319	2.00
100	208.00	210.00	79320	2.00
101	210.00	212.00	79321	2.00
102	212.00	214.00	79322	2.00
103	214.00	216.00	79323	2.00
104	216.00	218.00	79324	2.00
105	218.00	220.00	79325	2.00
106	220.00	222.00	79326	2.00
107	222.00	224.00	79327	2.00
108	224.00	226.00	79328	2.00

M577 - MS880016 - SAMPLE INTERVALS

LINE	FROM	TO	NUMBER	LENGTH
109	226.00	228.00	79329	2.00
110	228.00	230.00	79330	2.00
111	230.00	232.00	79331	2.00
112	232.00	234.00	79332	2.00
113	234.00	236.00	79333	2.00
114	236.00	238.00	79334	2.00
115	238.00	240.00	79335	2.00
116	240.00	242.00	79336	2.00
117	242.00	244.00	79337	2.00
118	244.00	246.00	79338	2.00
119	246.00	248.00	79339	2.00
120	248.00	250.00	79340	2.00
121	250.00	252.00	79341	2.00
122	252.00	254.00	79342	2.00
123	254.00	256.83	79343	2.83
124	256.83	258.27	79344	1.84
125	258.27	260.91	79345	2.64
126	260.91	263.00	79346	2.09
127	263.00	265.00	79347	2.00
128	265.00	266.47	79348	1.47
129	266.47	268.47	79349	2.00
130	268.47	270.47	79350	2.00
131	270.47	273.10	79351	2.63
132	273.10	275.10	79352	2.00
133	275.10	277.23	79353	2.13
134	277.23	279.20	79354	1.97
135	279.20	281.33	79355	2.13
136	281.33	283.00	79356	1.67
137	283.00	285.00	79357	2.00
138	285.00	287.12	79358	2.12
139	287.12	289.12	79359	2.00
140	289.12	291.00	79360	1.88
141	291.00	293.22	79361	2.22

Chevron Minerals Ltd.
M577

DRILLHOLE/TRAVERSE : MS880017

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PROJECT IDEN    : M577          START DATE     : 88/ 8/ 5       COMPLETION DATE : 88/ 8/ 7     GEOLOGGED BY : RUB + SGM
COLLAR NORTHING: 5635035.00     COLLAR EASTING : 511497.00      COLLAR ELEVATION: 810.00       GRID AZIMUTH : 0.00
                                TOTAL LENGTH   : 107.90         CORE/HOLE SIZE : NQ
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SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING
000	0.00		205.00	-50.00		
001	87.78		205.00	-50.00		

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  F  - I N T E R V A L -  CORE      %    TYPI- QAL  TEX-  GRAIN FRAC-       STRUCTUR-1 ALTERATION MINS  ORE-TYPE MINS
K L (UNITS = MT)          RECOV-    M ROCK FYING MIN TURES CHARACS TURE                H  H  H  H  H ANY H  H  H ANY
E A                        ERY      I      TM TM MAT TX TX F C % M          T ID STK DIP  A  A  A  A  A MIN A  A  A MIN
Y G  F R O M  -  T O      ( % )     X TYPE  1  2 QM1  1  2 F F C P  # TK    1    AZM  RT QZ MR CY AK SR XX PY CP LI YY  SUMMARY
- --- -----,--  -----,--  ----,- -- - ---- -- -- --- -- -- - - - - -- -- -  - -- --- --- -- -- -- -- -- -- -- -- -- --  - - - -
K F                       ROCK   FOR EN RT    TM QM2 TX TX S R S O DIP F    T IO STK DIP CA MU CL EP HE HA PR AS FS HA
E L                       QUAL   MEM  V  Q LC- 3       3  4 O M H / SML I   2    AZM  RT       H  H  H  H  H  H  H  H
Y G                       DESIG  AGE       COL             R D P C            STRUCTUR-2        A  A  A  A  A  A  A  A

P       0.00      3.35          OVER                            P
R P     0.00      3.35       OVERBURDEN: BOULDER TILL.

P       3.35     26.52          CHRT          MX KR 1 1 X 1     P                V3                      T-
L                                       6A                    X
R P     3.35     26.52       CHERT: INTENSELY CRACKLED WITH RESULTING FRACTURES FILLED WITH
R P     3.35     26.52       QUARTZ. RUSTY FRACTURES MAY CONTAIN PARTLY OXIDIZED SULPHIDES.
R P     3.35     26.52       ALSO ABUNDANT MICROFRACTURES THROUGHOUT CONTAINING MN MINERALS.
R P     3.35     26.52       HEAVY LIMONITE IN FRACTURES TO 10M DEPTH.
R D     7.93      9.00       CHERT: BRECCIATED WITH ANGULAR CLASTS OF CHERT.
M D     7.93      9.00        X CHRT          BX KR 1 1 X 1     D                V3                   P. D. T-
L                                       6A                    X

P      26.52     48.18          CHRT          MX    1 1 X 1     P                V3                   V.
L                                       6A                                              V.
R P    26.52     48.18       CHERT: SIMILAR TO CHERT ABOVE BUT WITH A REDDISH TINT. CHLORITE
R P    26.52     48.18       AND HEMATITE ARE ASSOCIATED WITH THE CHALCOPYRITE LOCALLY.
R P    26.52     48.18       FAIRLY ABUNDANT CHALCOPYRITE AT 33.30-33.60M. PYRITE IS
R P    26.52     48.18       ASSOCIATED WITH CHALCOPYRITE AT 38.60M.
R D    38.60     45.00       CHERT: FAULT BRECCIATED CHERT WITH ANGULAR CHERT FRAGMENTS
R D    38.60     45.00       LARGELY SET IN A CHLORITE AND SILICA GROUNDMASS. GRAPHITIC
R D    38.60     45.00       GOUGE AT 30 DEG. AT 43.00-43.20M.
M D    38.60     45.00        X CHRT          BX    1 1 X 1     D                V3                   D. D.
L                                       6A                                              V.

P      48.18     63.13          GNST          MX SH 1 1 X 1     P   UC      20                        D.
L                                       7G                          FC      55 V*
R P    48.18     63.13       GREENSTONE(?): WITH A PARTICULARILY STRIKING LIGHT GREEN COLOR
R P    48.18     63.13       OVER LENGTHS UP TO SEVERAL METERS SEPERATED BY BLACK HIGHLY
R P    48.18     63.13       SHEARED ROCK INCLUDING CATACLASTIC SECTIONS. AUGENS DO OCCUR
R P    48.18     63.13       AND IT APPEARS THAT A LITHOLOGY THAT PREVIOUSLY UNDERWENT
R P    48.18     63.13       CATACLASTIC METAMORPHISM HAS BEEN SUBJECT TO LATER FAULTING.
R P    48.18     63.13       CATACLASTIC TEXTURE AT 60 DEG. IN THE GREENSTONE AT 51.50M.
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Chevron Minerals Ltd.
MS77

DRILLHOLE/TRAVERSE : MS880017 (CONTINUED)

KEY	FROM	TO	
RP	48.18	63.13	FRAGMENTS OF THE GREEN LITHOLOGY OCCUR IN THE CATACLASTIC
RP	48.18	63.13	ZONES. AUGEN DEVELOPMENT AT 51.56-52.00M.
RD	55.25	63.13	GREENSTONE: ZONE OF PARTICULARILY INTENSE SHEARING AT 55.59M AT
RD	55.25	63.13	85 DEG. AND 56.69-58.00M AT 50 DEG. A BLOCK OF RED CHERT CAUGHT
RD	55.25	63.13	UP IN THE FAULT ZONE IS AT 58.85-90.00M. A RED CHERT BLOCK IS
RD	55.25	63.13	AT 62.50-63.13M.
ND	55.25	63.13	X GNST MX SH 1 1 X 1 D UC 20 D.
L			7G FC 55 V*
P	63.13	107.90	SERP MX EQ P FC 20
L			3G SH V. D.
RP	63.13	107.90	SERPENTINITE: VERY INTENSELY SHEARED. OCCASIONALLY FRAGMENTS OF
RP	63.13	107.90	CHERT AND THE GREENSTONE OCCUR. PYRRHOTITE IS OCCASIONALLY
RP	63.13	107.90	FOUND ON SLICKENSIDED FRACTURES AS SMEARS. SPECIFIC INTERVALS
RP	63.13	107.90	OF GOUGE AND SLICKENSIDES INCLUDE 65.70-65.84M AT 45 DEG. AND
RP	63.13	107.90	66.53-66.73M AT 20 DEG. A CATACLASTIC ZONE THAT SHOWS SIGNS OF
RP	63.13	107.90	LATER FAULTING IS AT 67.53-67.60M. GOUGE AT 10 DEG. AT
RP	63.13	107.90	67.53-67.73M. ABUNDANT FRAGMENTS OF GREENSTONE IN A CATACLASTIC
RP	63.13	107.90	SETTING ARE FOUND AT 68.58-70.50M. FAULT AT 82.60 AT 20 DEG. NO
RP	63.13	107.90	QUARTZ VEINING AND VERY RARE CALCITE VEINING.
RD	71.20	80.97	SERPENTINITE: THIS SECTION CONSISTS ESSENTIALLY OF ROCK WITH
RD	71.20	80.97	THE COMPETENCY OF GOUGE. SOME CORE ANGLES ARE: 0 DEG. AT
RD	71.20	80.97	71.63M, 40 DEG. AT 72.63M, 25 DEG. AT 75.38M, 25 DEG. AT
RD	71.20	80.97	75.30M, 25 DEG. AT 77.10M AND 35 DEG. AT 79.80M.
ND	71.20	80.97	X SERP MX EQ D FC 25
L			3G SH V. D.
RD	88.85	104.40	SERPENTINITE: INTENSELY SHEARED SERPENTINITE WITH VERY
RD	88.85	104.40	ABUNDANT SLICKENSIDED FRAGMENTS FREQUENTLY CONTAINING SPECS OF
RD	88.85	104.40	PYRRHOTITE. LITTLE GOUGE DEVELOPMENT AS IN 71.20-80.97M.
RD	88.85	104.40	SLICKENSIDES AT 87.46M AT 0 AND 10 DEG., AT 15 DEG. AT 90.93M,
RD	88.85	104.40	AT 65 DEG. AT 92.20M AND AT 103.33M AT 80 DEG.
ND	88.85	104.40	X SERP MX EQ D FC 20
L			3G SH V. D(
RD	106.00	107.90	SERPENTINITE: FAULT INCLUDING 5CM GOUGE AT 106.00-106.25M AT 50
RD	106.00	107.90	DEG. GOUGE AND SLICKENSIDES AT 60 DEG. AT 106.50-106.75M.
ND	106.00	107.90	X SERP MX EQ D FC 20
L			3G SH V. D.

SUMMARY REMARKS

DRILL HOLE MS880017 WAS COLLARED 400M NE OF HOLE MS880016 AND WAS DRILLED TO TEST THE STRONG VLF EM-16 ANOMALY THAT MARKS THE NE CONTACT OF THE SW DIORITE WITH THE ADJACENT CHERT. THE HOLE, LOCATED ON THE SW DIORITE ZONE, WAS DRILLED AT AN AZIMUTH

Chevron Minerals Ltd.
MS77

DRILLHOLE/TRAVERSE : MS880017 (CONTINUED)

S U M M A R Y R E M A R K S

OF 205 DEG. AND A DIP OF -50 DEG. FOR A TOTAL DEPTH OF 107.90M. OVERBURDEN WAS TRICONED TO 3.85M. CHERT OCCURS FROM 3.35-48.18M A ZONE OF SHEARED GREENSTONE WAS INTERSECTED AT 48.18-83.13M. THE HOLE ENDS IN CHERT THAT EXTENDS FROM 83.13-107.90M. THE DIORITE-CHERT CONTACT WAS NOT INTERSECTED AND MUST DIP TO THE WEST.

M577 - WS880017 - SAMPLE INTERVALS

LINE	FROM	TO	NUMBER	LENGTH
1	0.00	3.35		
2	3.35	5.00	79401	1.65
3	5.00	7.00	79402	2.00
4	7.00	9.00	79403	2.00
5	9.00	11.00	79404	2.00
6	11.00	13.00	79405	2.00
7	13.00	15.00	79406	2.00
8	15.00	17.07	79407	2.07
9	17.07	19.00	79408	1.93
10	19.00	21.00	79409	2.00
11	21.00	23.00	79210	2.00
12	23.00	25.00	79411	2.00
13	25.00	27.00	79412	2.00
14	27.00	29.00	79413	2.00
15	29.00	31.00	79414	2.00
16	31.00	33.00	79415	2.00
17	33.00	35.00	79416	2.00
18	35.00	37.00	79417	2.00
19	37.00	39.00	79418	2.00
20	39.00	41.00	79419	2.00
21	41.00	43.00	79420	2.00
22	43.00	45.00	79421	2.00
23	45.00	47.00	79422	2.00
24	47.00	48.18	79423	1.18
25	48.18	50.00	79424	1.82
26	50.00	52.00	79425	2.00
27	52.00	55.50	79426	3.50
28	55.50	60.00		
29	60.00	62.30	79427	2.30
30	62.30	67.00		
31	67.00	69.00	79428	2.00
32	69.00	72.00	79429	3.00
33	72.00	74.00	79430	2.00
34	74.00	76.00	79431	2.00
35	76.00	78.00	79432	2.00
36	78.00	80.00	79433	2.00
37	80.00	83.27		
38	83.27	85.65	79434	2.38
39	85.65	88.85	79435	3.20
40	88.85	90.83	79436	1.98
41	90.83	94.03	79437	3.20
42	94.03	97.54	79438	3.51
43	97.54	100.74	79439	3.20
44	100.74	103.94	79440	3.20
45	103.94	105.77	79441	1.83
46	105.77	107.90	79442	2.13

Chevron Minerals Ltd.
M577

DRILLHOLE/TRAVERSE : WS88D018

PROJECT IDEN : M577 START DATE : 88/ 8/ 7 COMPLETION DATE : 88/ 8/ 9 GEOLOGGED BY : RUB + SGM
COLLAR NORTHING: 5634865.00 COLLAR EASTING : 511236.00 COLLAR ELEVATION: 867.00 GRID AZIMUTH : 0.00
TOTAL LENGTH : 102.41 CORE/HOLE SIZE : NQ

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING
000	0.00		202.00	-50.00		
001	102.41		202.00	-49.00		

K E Y	F L A G	- INTERVAL - (UNITS = MT) FROM - TO	CORE RECOVERY (%)	% M I X	ROCK TYPE	TYPIFYING 1	TM 2	QAL MIN MAT QM1	TEXTURES 1	TX 2	GRAIN CHARACS F	C	X	M	FRACTURE P	#	TK	STRUCTUR-1 T	ID	STK AZM	DIP RT	ALTERATION H QZ	H MR	H CY	H AK	H SR	H XX	MINS ANY H PY	ORE-TYPE H CP	H LI	MINS ANY H YY	SUMMARY
K E Y	F L G		ROCK QUAL DESIG	FOR MEN AGE	EN RT V Q	LC- COL	TM 3	QM2	TX 3	TX 4	S O R	N H D	R / P	O DIP C	SML	F I		T 2	ID	STK AZM	DIP RT	CA	MU H	CL H	EP A	HE A	HA A	PR A	AS A	FS A	HA A		
P		0.00 9.75				OVER										P																	
R P		0.00 9.75				OVERBURDEN:																											
P		9.75 28.97				DIOR		MX	4	5	5	5				P		FC	70	V)									D.	D.	
L						GA										3					V-		H2	E-							
R P		9.75 28.97				DIORITE: THE HEAVIEST PYRITE IN AN INDIVIDUAL VEIN SEEN IN THE																												
R P		9.75 28.97				DRILLING PROGRAM TO DATE OCCURS AT 16.90M IN A 1.5CM THICK																												
R P		9.75 28.97				QUARTZ VEIN AT 65 DEG. MINERALIZATION OCCURS AS BLEBS. FAULTING																												
R P		9.75 28.97				AT 15 DEG. INCLUDING A GOUGE OCCURING IN THE CONTACT OF A																												
R P		9.75 28.97				BANDED QUARTZ VEIN 3CM THICK AT 19.71-19.91M. LOCALLY EPIDOTE																												
R P		9.75 28.97				OCCURS IN ENVELOPES OF FRACTURES. TRACES OF CHALCOPYRITE SEEN																												
R P		9.75 28.97				AT 23.00M.																											
R N		17.07 18.21				GRANITE:																											
N		17.07 18.21				X GRAN		MX	KR	5	5	5	6			N		UC	60	V)									D.		
L						5A										6		LC	60		H)											
P		28.97 37.75				CHRT		MX	KR	1	1	X	1			P				V)								X2				
L						6A										9				V+								V1				
R P		28.97 37.75				CHERT: CONTAINS A MEDIUM BROWN MATERIAL (X2) OCCURING AS VEINS																												
R P		28.97 37.75				TYPICALLY 1-3MM THICK WITH A HARDNESS OF ABOUT 6, PROBABLY A																												
R P		28.97 37.75				PLAGIOCLASE FELDSPAR. MINOR GOUGE AT 40 DEG. AT 29.80M. FAULT																												
R P		28.97 37.75				AT 15 DEG. INCLUDING 5CM OF GOUGE ON A FRACTURE AT 40 DEG. AT																												
R P		28.97 37.75				34.33-34.60M.																											
R N		35.37 37.75				CHERT: SHEARED AND SLICKENSIDED. SHEARING AT 35.55M AT 0 DEG.,																												
R N		35.37 37.75				AT 36.36M AT 30 DEG., AT 36.75M AT 35 DEG. AND AT 37.75M AT 50																												
R N		35.37 37.75				DEG. THIS IS ONE OF THE MOST PYRITIC SECTIONS SEEN.																												
N		35.37 37.75				X CHRT		SH	KR	1	1	X	1			N																	
L						4A																								B*			
P		37.75 39.82				DYKE		SH	MX	2	3	)	4			P		LC	65									X2		D.		
L																														V(			
R P		37.75 39.82				UNDIFFERENTIATED DYKE: APHANITIC TO FINE GRAINED, NO QUARTZ																												
R P		37.75 39.82				VEINS.																											

Chevron Minerals Ltd.
M577

DRILLHOLE/TRAVERSE : WS880018 (CONTINUED)

KEY	FL AG	- INTERVAL - (UNITS = MT) FROM	TO	CORE RECOVERY (%)	% IN ROCK TYPE	TYPIFYING MINERAL 1	TYPIFYING MINERAL 2	QAL MINERAL MATRIX	TEXTURES TX 1	TEXTURES TX 2	GRAIN CHARACS F	C	% M	P	#	FRACTURE TK	STRUCTUR-1 T	ID	STK AZM	DIP RT	ALTERATION MINS H QZ	H MR	H CY	H AK	H SR	H XX	ANY MIN H PY	ORE-TYPE MINS H CP	H LI	H YY	ANY MIN SUMMARY
KEY	FL AG			ROCK QUAL DESIG	FOR MEM AGE	EN V	RT Q	LC-3 COL	QM2	TX 3	TX 4	S O R D	R N P	S H C	O /	DIP SML	F I	T 2	ID	STK AZM	DIP RT	CA H A	MU H A	CL H A	EP H A	HE H A	HA H A	PR H A	AS H A	FS H A	HA H A	
P		39.82	44.60		CHRT			BX SH	PA	1 1 X 1					P		FC		10	V.					X2 V(						
L						6A										5																
P		44.60	47.50		FAUL			SH							P		UC		0												
L						GA											LC		15												
R P		44.60	47.50	FAULT ZONE: FRAGMENTS OF DYKE ROCK AT 47.50-58.30M AND CHERT																												
R P		44.60	47.50	INCORPORATED IN THE FAULT ZONE. SHEARING AT 45.00M AT 15 DEG.																												
R P		44.60	47.50	AND AT 47.50M AT 0 DEG.																												
P		47.50	54.24		DYKE			AG	CA	3 4 = 5					P																
L																5				V(	G=										
R P		47.50	54.24	UNDIFFERENTIATED DYKE: CATACLASTIC METAMORPHISM WITH AUGEN AT																												
R P		47.50	54.24	30 DEG. AT 48.85M. LIGHT GREY CHERT AT 49.25-50.00M.																												
R D		49.05	51.50	FAULT ZONE: SHEARING AND CATACLASTIC ACTIVITY.																												
N D		49.05	51.50	X	FAUL			AG	CA	3 4 = 5					D		FO		15												
L																5		FC		40 V(	G=										
R D		52.80	54.24	CHERT: MINOR REDDISH CHERT ALSO. SIMILAR CHERT IN THE UPPER																												
R D		52.80	54.24	PART OF WS880017. CONTAINS ABUNDANT QUARTZ VEINLETS.																												
N D		52.80	54.24	X	CHRT			MX	CA	1 1 X 1					D		LC		20												
L						6A										5				V+	G=										
P		54.24	63.33		CHRT			KR	SH	1 1 X 1					P					V)							V* D.				
L						3A		MX	BX											(+							D* D/				
R P		54.24	63.33	CHERT: ONE SPEC OF CHALCOPYRITE AT 60.45M. PYRITE OCCURS																												
R P		54.24	63.33	THROUGHOUT AS FRACTURE FILLINGS AND DISSEMINATIONS. CALCITE																												
R P		54.24	63.33	OCCURS AS MICROVEINS AND AS VEINS UP TO 4MM WIDE.																												
P		63.33	78.50		SILT			CT	SH	1 2 X 2					P																
L						3A		CA	BX							3				(+							D* D/				
R P		63.33	78.50	SILTSTONE: CONSISTS OF DARK GREY AND LIGHT GREY SILTSTONES THAT																												
R P		63.33	78.50	HAVE UNDERGONE BRECCIATION WITH LOCAL CATACLASTIC METAMORPHISM																												
R P		63.33	78.50	SUGGESTED BY AUGENS. MINOR CHERT FRAGMENTS INCLUDED IN THE																												
R P		63.33	78.50	SECTION AND THESE ARE PROBABLY TECTONICALLY INTRODUCED.																												
R P		63.33	78.50	FOLIATION AT 63.93M IA 65 DEG., AT 65.84M IS 50 DEG. AND AT																												
R P		63.33	78.50	75.30M IS 40 DEG. TRACES OF DISSEMINATED CHALCOPYRITE																												
R P		63.33	78.50	ASSOCIATED WITH THE PYRRHOTITE.																												
P		78.50	93.68		CHRT			RK	SH	1 1 X 1					P		BD										D(D/				
L						3A										3											D*				
R P		78.50	93.68	CHERT: THE BULK OF SULPHIDES OCCUR IN DISSEMINATED FORM WITHIN																												
R P		78.50	93.68	GENERALLY HARD BLACK STREAKS IN THE CHERT.																												
R N		80.40	82.59	SILTSTONE: CATACLASTIC AT 80.98M AT 30 DEG. PYRRHOTITE IS FOUND																												
R N		80.40	82.59	BOTH AS DISSEMINATED AND FRACTURE FILLINGS. LITTLE INDICATIONS																												

Chevron Minerals Ltd.
M577

DRILLHOLE/TRAVERSE : MS880018 (CONTINUED)

KEY	FLAG	FROM	TO	CORE RECOVERY (%)	% M INT X	ROCK TYPE	TYPIFYING MIN 1	TYPIFYING MIN 2	QAL MAT QM1	TEXTURES TX 1	TEXTURES TX 2	GRAIN CHARACS F	C	%	M	FRACTURE P	#	TX	STRUCTUR-1 T	ID	STK AZM	DIP RT	ALTERATION H A QZ	H A MR	H A CY	H A AK	H A SR	MINS ANY MIN XX	ORE-TYPE H A PY	H A CP	H A LI	MINS ANY MIN YY	SUMMARY
KEY	FLAG			ROCK QUAL DESIG	FOR MEM AGE	EN V	RT Q	LC- COL	TM QM2 3	TX 3	TX 4	S O R	R N D	S H P	O / C	DIP SML	F I		STRUCTUR-2 T	ID 2	STK AZM	DIP RT	CA H A	MU H A	CL H A	EP H A	HE H A	HA H A	PR H A	AS H A	FS H A	HA H A	
R	M	80.40	82.59																														OF FAULTING AS SUGGESTED BY SLICKENSIDES AND GOUGE.
N		80.40	82.59			X	SILT			CT		2	2	X	2		M																
L								5A		CA	BX					3							V*										‹*
P		93.68	101.25				SILT			CT	CA	2	2	X	2		P																
L								5A		PA						3							‹.										D*
R	P	93.68	101.25																														SILTSTONE: FAULT AT 94.40M AT 25 DEG. MINOR GRAPHITIC GOUGE.
R	N	93.68	101.25																														CHERT: ACCUMULATED CHERT WITHIN THIS PREDOMINANTLY SILTSTONE
R	N	93.68	101.25																														UNIT. THE LOWER CONTACT IS CATACLASTIC.
N		93.68	101.25			3	CHRT			BA	PA	1	1	X	1		N		LC		30												
L								3A		CA						3							‹.										D(
P		101.25	102.41				SILT			MX	CA	2	2	X	4		P																
L								AG								3							‹+										
R	P	101.25	102.41																														SILTSTONE: CATACLASTIC AT 102.37M AT 20 DEG.

S U M M A R Y R E M A R K S

DRILL HOLE MS880018 WAS COLLARED 140M N OF MS880016 AND WAS DRILLED TO TEST A STRONG VLF EM-16 ANOMALY THAT CONVERGES WITH A MAJOR NE TRENDING FAULT. THIS HOLE, LOCATED ON THE MS DIORITE ZONE, WAS DRILLED AT AN AZIMUTH OF 202 DEG. AND A DIP OF -50 DEG. FOR A TOTAL DEPTH OF 102.41M.
OVERBURDEN WAS TRICONED TO 9.75M. DIORITE WITH ABUNDANT PYRITE WAS INTERSECTED AT 9.75-28.97M. CHERT WITH MINOR ZONES OF SILTSTONE OCCURS FROM 28.97-102.41M. AN UNDIFFERENTIATED DYKE WITH A WELL DEVELOPED FAULT ZONE AT THE HANGING WALL CONTACT WAS INTERSECTED AT 47.50-54.24M.

M577 - WS880018 - SAMPLE INTERVALS

LINE	FROM	TO	NUMBER	LENGTH
1	0.00	9.75		
2	9.75	13.00	79443	3.25
3	13.00	16.00	79444	3.00
4	16.00	19.00	79445	3.00
5	19.00	22.00	79446	3.00
6	22.00	25.50	79447	3.50
7	25.50	28.97	79448	3.47
8	28.97	31.00	79449	2.03
9	31.00	33.00	79450	2.00
10	33.00	35.37	79451	2.37
11	35.37	37.75	79452	2.38
12	37.75	39.82	79453	2.07
13	39.82	42.67	79454	2.85
14	42.67	44.60	79455	1.93
15	44.60	47.50	79456	2.90
16	47.50	49.05	79457	1.55
17	49.05	51.82	79458	2.77
18	51.82	54.81	79459	2.99
19	54.81	56.69	79460	1.88
20	56.69	58.30	79461	1.61
21	58.30	60.05	79462	1.75
22	60.05	63.33	79463	3.28
23	63.33	65.84	79464	2.51
24	65.84	68.89	79465	3.05
25	68.89	71.93	79466	3.04
26	71.93	74.98	79467	3.05
27	74.98	76.83	79468	1.85
28	76.83	78.50	79469	1.67
29	78.50	80.40	79470	1.90
30	80.40	82.59	79471	2.19
31	82.59	84.62	79472	2.03
32	84.62	87.17	79473	2.55
33	87.17	90.22	79474	3.05
34	90.22	93.68	79475	3.46
35	93.68	96.32	79476	2.64
36	96.32	99.37	79477	3.05
37	99.37	101.25	79478	1.88
38	101.25	102.41	79479	1.16

Chevron Minerals Ltd.
M577

DRILLHOLE/TRAVERSE : WS880019

PROJECT IDEN : M577 START DATE : 88/ 8/10 COMPLETION DATE : 88/ 8/12 GEOLOGGED BY : RUB + SGM
COLLAR NORTHING: 5634180.00 COLLAR EASTING : 511328.00 COLLAR ELEVATION: 686.00 GRID AZIMUTH : 0.00
TOTAL LENGTH : 188.30 CORE/HOLE SIZE : NQ

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING
000	0.00		217.00	-60.00		

K	F L A G	- INTERVAL - (UNITS = MT) FROM	TO	CORE RECOVERY (%)	% M ROCK I X	TYPIFYING TM 1	TYPIFYING TM 2	QAL MIN MAT QM1	TEXTURES TX 1	TEXTURES TX 2	GRAIN CHARACS F	C	% M	P	# TK	FRACTURE	STRUCTUR-1 T	ID 1	STK AZM	DIP RT	ALTERATION MINS H A QZ	H A MR	H A CY	H A AK	H A SR	ANY MIN XX	ORE-TYPE MINS H A PY	H A CP	H A LI	ANY MIN YY	SUMMARY
K	F			ROCK QUAL DESIG	FOR MEM AGE	EM V	RT Q	LC- 3 COL	TM QM2	TX 3	TX 4	S Q R D	R N P	S H P	O / C	DIP SML	F I	T 2	ID	STK AZM	DIP RT	CA	MU	CL	EP	HE	HA	PR	AS	FS	HA	
E	L																														
Y	G																			STRUCTUR-2											
P		0.00	7.32		OVER												P														
R P		0.00	7.32	OVERBURDEN: GLACIAL TILL.																											
P		7.32	41.47		DIOR			EQ MX	4	5	5	5				P				V*						D(					
L						3A										5					H1										
R P		7.32	41.47	DIORITE: WEAKLY ALTERED, MINOR CHLORITIZATION AND STRONG																											
R P		7.32	41.47	BLEACHING. SHEARING AND DISSEMINATED PYRITE AT 22.24-22.48M. A																											
R P		7.32	41.47	3CM WIDE BARREN QUARTZ VEIN AT 30 DEG. AT 25.91M WITH SHEARED																											
R P		7.32	41.47	AND BLEACHED WALL ROCK. A 1CM WIDE QUARTZ VEIN WITH MINOR																											
R P		7.32	41.47	GOUGE AT 10 DEG. AT 27.50M. MINOR FAULT INDICATED BY A SINGLE																											
R P		7.32	41.47	SLICKENSIDED FRACTURE WITH PYRITE AT 10 DEG. AT 35.90M.																											
R D		7.32	10.54	DIORITE: STRONGLY BLEACHED WITH MORE ABUNDANT QUARTZ VEINING.																											
R D		7.32	10.54	FAIRLY HEAVY DISSEMINATED CHALCOPYRITE IN 4CM WIDE QUARTZ VEIN																											
R D		7.32	10.54	AT 50 DEG. AT 8.90M. THIS MINERALIZATION ACCOUNTS FOR THE BULK																											
R D		7.32	10.54	OF SULPHIDE IN THS INTERVAL. OVERALL SULPHIDE IS LOW.																											
N D		7.32	10.54		X DIOR			BL8 EQ MX	4	5	5	5				D				V*						D(					
L						8A										5					H1	D=					D(				
R N		28.03	28.96	INTERMEDIATE DYKE: VERY LOW SULPHIDE FOR THIS DEGREE OF																											
R N		28.03	28.96	BLEACHING AND QUARTZ VEINING.																											
N		28.03	28.96		X D/IN			BL8 EQ MX	3	3	X	3				N	UC		10	V=						D/					
L						8A										7	LC		30		H1										
R N		28.96	32.75	GRANITE: ALBITIZED WITH LOCAL HEAVY DISSEMINATED PYRITE.																											
R N		28.96	32.75	BARREN QUARTZ VEIN AT 40 DEG. AT 29.85-29.93M. FAULTING																											
R N		28.96	32.75	AT VEIN CONTACT INDICATED BY GOUGE.																											
N		28.96	32.75		AB X GRAN			BL8 EQ MX	4	5	7	6				N	LC		45	V1											
L						7A																									
R D		36.00	37.19	GRANITE: THE LOWER CONTACT IS SLICKENSIDED AT 10 DEG.																											
N O		36.00	37.19		AB X GRAN			BL8 EQ MX	4	5	7	6				D	FC		10	V*						D/					
L						7A		SH								8					H1										
P		41.47	44.00		FAUL			CA AG								P	UC		80	V2 O*						D(					
L								SH																							
R P		41.47	44.00	FAULT ZONE: THE ROCK IS UNIDENTIFIED FELDSPATHIC INTRUSIVE.																											

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DRILLHOLE/TRAVERSE : WS880019 (CONTINUED)

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  F  - I N T E R V A L -   CORE      %      TYPI- QAL  TEX-  GRAIN FRAC-       STRUCTUR-1 ALTERATION MINS  ORE-TYPE MINS
K L (UNITS = MT)           RECOV-    M ROCK FYING MIN TURES CHARACS TURE                    H  H  H  H  H ANY H  H  H ANY
E A                         ERY      I      TM TM MAT TX TX F C % M          T ID STK DIP  A  A  A  A  A MIN A  A  A MIN
Y G  F R O M  -  T O       ( % )     X TYPE  1  2 QM1  1  2 F F C P  # TK    1    AZM  RT QZ MR CY AK SR XX PY CP LI YY  SUMMARY
- --- -----.--   -----.--  ----.- -- - ---- -- -- --- -- -- - - - - -- -- -  - -- --- --- -- -- -- -- -- -- -- -- -- --  - - - -
K F                        ROCK   FOR EN RT    TM QM2 TX TX S R S O DIP F    T ID STK DIP CA MU CL EP HE HA PR AS FS HA
E L                        QUAL   MEM  V  Q LC- 3      3  4 O N H / SML I    2    AZM  RT       H  H  H  H  H  H  H  H
Y G                        DESIG  AGE       COL            R D P C           STRUCTUR-2         A  A  A  A  A  A  A  A

R P     41.47     44.00         PERHAPS WITH INTRODUCED FELDSPAR. THE HOST HAS UNDERGONE
R P     41.47     44.00         CATACLASTIC METAMORPHISM AT CORE ANGLES OF 50-55 DEG. THE
R P     41.47     44.00         DEFORMATION IS CONFORMABLE WITH ABUNDANT QUARTZ STRINGERS
R P     41.47     44.00         AND AUGENS. ESTIMATED 18% QUARTZ PRESENT WHICH IS CUT BY
R P     41.47     44.00         CHLORITIC SHEATING. MARIPOSITE OCCURS PRINCIPALLY IN THE
R P     41.47     44.00         QUARTZ, EG. AT 45.80M.

P       44.00     47.90                D/FP          PP    4 5 7 6       P    LC      15 V3 O)                D.       TA
L                                           TA                         8               V+                                G)
R P     44.00     47.90         FELDSPAR PORPHYRY DYKE: COLOUR VARYING FROM TAN-GREY TO
R P     44.00     47.90         PINKISH-GREY.

P       47.90     53.34                GABR          EQ SH 4 5 1 5       P                 V(
L                                           GA                                                  H1
R P     47.90     53.34         GABBRO: ALTERED WITH NUMEROUS GOUGE ZONES AT 20 DEG. AT
R P     47.90     53.34         48.46M. AND AT 40 DEG. AT 50.15-50.29M. GOUGE SLIPS AT 55
R P     47.90     53.34         DEG. AT 52.20-52.46M. SHEAR ZONE WITH MINOR GOUGE AT 10 DEG. AT
R P     47.90     53.34         70.75-71.65M. SHEARING AND SLICKENSIDES AT 30 DEG. AT
R P     47.90     53.34         76.00-76.31M. CONTAINS IRREGULAR GRANITIC MASSES.

P       53.34     56.00                D/FL          MX EQ 3 3 X 3       P    FC      80 V)                   D(       TA
L                                           GA       SH                7               V(   H+                       G*
R P     53.34     56.00         FELSIC DYKE: STRONGLY FAULTED IN PLACES. INTENSELY SHEARED WITH
R P     53.34     56.00         THE COMPETENCE OF GOUGE AT 53.80-54.46M. CORE ANGLE OF 40 DEG.
R P     53.34     56.00         AT 54.05-54.46M.

P       56.00     115.21               GABR          EQ MX 4 6 5 6       P                 V(                                TA
L                                           GA       SH                                                                  G*
R P     56.00     115.21        GABBRO: BECOMING MORE MAFIC WITH DEPTH. PRESUMED TO BE GABBRO
R P     56.00     115.21        AS FELDSPAR CONTENT IS LOW AND PYROXENE IS THE PRINCIPAL MAFIC.
R P     56.00     115.21        GRANITIC DYKELET AT 61.75-61.73M. SHEARING AT 60 DEG. AT
R P     56.00     115.21        56.00-57.00M. CORE CAN BE PICKED APART BY HAND BUT IS NOT YET
R P     56.00     115.21        GOUGE. INTENSE SHEARING AT 70 DEG. AT 57.40-58.20M. 10CM GOUGE
R P     56.00     115.21        AT 57.40M. SLICKENSIDED AT 10 DEG. AT 64.90M. FAULTING AT 10
R P     56.00     115.21        DEG. AT 86.24-87.08M. FAULT ZONE WITH SLICKENSIDES AT 0 AND 50
R P     56.00     115.21        DEG. AT 96.22-97.23M. SLICKENSIDED PYRRHOTITE AT 96.70M AT 10
R P     56.00     115.21        DEG. SHEARING AT 0 DEG. INCLUDING SLICKENSIDES AND MINOR GOUGE
R P     56.00     115.21        AT 98.20-98.94M. SHEAR ZONE AT 0 DEG. WITH SLICKENSIDES AND
R P     56.00     115.21        GOUGE AT 99.30-120.00M. SEVERAL MINOR FAULTS INCLUDED IN
R P     56.00     115.21        SECTION AT 106.20M AT 60 DEG., 107.79M AT 15 DEG., 108.60M AT 0
R P     56.00     115.21        DEG. AND 111.00M AT 20 DEG. GOUGE AT 111.35-111.40M.
R N     59.05     60.05         FELSIC DYKE: UPPER AND LOWER CONTACTS ARE GOUGED.
N       59.05     60.05             X D/FL           MX EQ               N    UC      60 V+                   D-
L                                                    SH                       LC      20 V+
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Chevron Minerals Ltd.
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DRILLHOLE/TRAVERSE : MS880019 (CONTINUED)

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  F  - I N T E R V A L -  CORE     %      TYPI- QAL  TEX-  GRAIN FRAC-       STRUCTUR-1 ALTERATION MINS  ORE-TYPE MINS
K  L (UNITS = MT)         RECOV-   M ROCK FYING MIN TURES CHARACS TURE                  H  H  H  H  H ANY H  H  H ANY
E  A                       ERY     I      TM TM MAT TX TX F C % M            T ID STK DIP  A  A  A  A  A MIN A  A  A MIN
Y  G  F R O M  -  T O     ( % )    X TYPE  1  2 QM1  1  2 F F C P  # TK     1    AZM  RT QZ MR CY AK SR XX PY CP LI YY  SUMMARY
- --- -----.--   -----.--  ----.- -- - ---- -- -- --- -- -- - - - - -- -- -  - -- --- --- -- -- -- -- -- -- -- -- -- --  - - - -
K  F                      ROCK  FOR EN RT    TM QM2 TX TX S R S O DIP F     T ID STK DIP CA MU CL EP HE HA PR AS FS HA
E  L                      QUAL  MEM  V  Q LC- 3       3  4 O N H / SML I    2    AZM  RT       H  H  H  H  H  H  H  H
Y  G                      DESIG AGE       COL              R D P C          STRUCTUR-2          A  A  A  A  A  A  A  A

R D    77.74     78.74        GABBRO: BLEACHED, INCLUDING HEAVY CALCITE VEINING AND ABUNDANT
R D    77.74     78.74        CHLORITIC MICROFRACTURES. LOWER CONTACT IS FAULTED. MINOR
R D    77.74     78.74        GOUGE.
N D    77.74     78.74            X GABR       BLS EQ MX 4 6 5 6     X D    FC      20 V(                          TA
L                                       GA        SH                                  V1                           G*

P     115.21    135.33              GABR           SH MX 4 6 5 6       P              V-
L                                       GA         EQ                 8               V.
R P   115.21    135.33        GABBRO: FAULTING INDICATED BY GOUGE AND SLICKENSIDES. SHEARING
R P   115.21    135.33        AT 115.21-115.70M, SLICKENSIDES AT 0 DEG. SLICKENSIDES AT 10
R P   115.21    135.33        DEG. AT 116.28M. GOUGE AND SLICKENSIDES AT 0 AND 10 DEG. AT
R P   115.21    135.33        117.26-119.70M. HEAVY SHEARING AND GOUGE DEVELOPMENT AT 10 DEG.
R P   115.21    135.33        AT 123.75-123.80M. FAULT ZONE AT 125.00-125.57M. SHEARING AT 10
R P   115.21    135.33        DEG. AT 129.00-129.85M  SLICKENSIDED AND GOUGED AT 30 DEG. AT
R P   115.21    135.33        131.90-132.28M. GOUGE AND SLICKENSIDES AT 20 DEG. AT
R P   115.21    135.33        134.90-135.00M.

P     135.33    196.60              DIOR           MX SH 4 6 1 6       P    FC      20 V(     H+              D.
L                                       8A         EQ                 6                       H1          D.
R P   135.33    196.60        DIORITE: LOW VEIN AND SULPHIDE CONTENT. FAULTING AT CONTACT.
R P   135.33    196.60        GOUGED AT 0, 25 AND 50 DEG. AT 135.75M. MINOR CHALCOPYRITE
R P   135.33    196.60        SEEN AT 138.50-160M. ABUNDANT MINOR GOUGE ZONES. SLICKENSIDED
R P   135.33    196.60        AND SHEARED AT 137.00M AT 15 DEG. SHEARED AT 138.38M AT 45 DEG.
R P   135.33    196.60        SLICKENSIDED AT 138.80M AT 35 DEG. SHEARING AND GOUGE AT 45
R P   135.33    196.60        DEG. AT 139.12-139.38M. DIORITIC DYKLETS AT 164.97-165.23M,
R P   135.33    196.60        174.00-174.34M AND 175.00-175.80M. DYKE AT 182.70-183.43M.
R N   154.10    156.60        FAULT ZONE: ABUNDANT GOUGE AND SHEAR ZONES. THE PRINCIPAL
R N   154.10    156.60        ZONE BEING 154.10-154.53M AT 20 DEG. SLICKENSIDES AT 40 AND 70
R N   154.10    156.60        DEG. AT 153.30-155.75M. STRONG SHEARING ,GOUGE AND SLICKENSIDES
R N   154.10    156.60        AT 40 DEG. AT 156.61-157.43M.
N     154.10    156.60            X FAUL                               N    FC      20 V1                 D.
L                                                                                     V)                  D.
R N   162.00    164.44        FAULT ZONE: GOUGE SLICKENSIDES. EG. AT 160.00M AT 30 DEG., AT
R N   162.00    164.44        160.20-160.43M. GOUGE AT 163.20M WITH SHEARING AT 0 DEG.
R N   162.00    164.44        SHEARING AT 20 DEG. AT 163.90M AND AT 20 DEG. AT 164.20M.
N     162.00    164.44            X FAUL                               N
R D   183.70    188.30        DIORITE: WITH SLIGHTLY HIGHER QUARTZ VEINING. GABBRO DYKE AT 40
R D   183.70    188.30        DEG. AT 187.82-188.10M
N D   183.70    188.30            X DIOR           MX SH 4 6 1 6       D -  FC      20 V*     H+              D.
L                                       8A         EQ                 6                       H1          D.
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Chevron Minerals Ltd.
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DRILLHOLE/TRAVERSE : WS880019 (CONTINUED)

S U M M A R Y R E M A R K S

DRILL HOLE WS880019 WAS COLLARED 470M SE OF WS880013 ON THE SW DIORITE ZONE AND WAS DRILLED TO TEST A STRONG VLF EM-16 ANOMALY . THIS HOLE WAS DRILLED AT AN AZIMUTH OF 217 DEG. AND A DIP OF -80 DEG. FOR A TOTAL DEPTH OF 196.60M.
OVERBURDEN WAS TRICONED TO 7.32M. DIORITE OCCURS FROM 7.32-41.47M. A FAULT ZONE WITH MINOR MARIPOSITE AND ABUNDANT QUARTZ STRINGERS WAS INTERSECTED AT 41.47-44.00M. THE HOLE ENDS IN DIORITE THAT EXTENDS FROM 115.21-196.60M.

M577 - WS880019 - SAMPLE INTERVALS

LINE	FROM	TO	NUMBER	LENGTH
1	0.00	7.32		
2	7.32	11.28	79485	3.96
3	11.28	14.33	79486	3.05
4	14.33	17.37	79487	3.04
5	17.37	20.42	79488	3.05
6	20.42	22.86	79489	2.44
7	22.86	25.91	79490	3.05
8	25.91	28.96	79491	3.05
9	28.96	31.00	79492	2.04
10	31.00	32.75	79493	1.75
11	32.75	35.75	79494	3.00
12	35.75	38.75	79495	3.00
13	38.75	41.47	79496	2.72
14	41.47	42.75	79497	1.28
15	42.75	44.00	79498	1.25
16	44.00	46.00	79499	2.00
17	46.00	47.90	79500	2.00
18	47.90	50.29	79501	2.39
19	50.29	53.34	79502	3.05
20	53.34	56.00	79503	2.66
21	56.00	59.05	79504	3.05
22	59.05	60.05	79505	1.00
23	60.05	63.09	79506	3.04
24	63.09	66.90	79507	3.81
25	66.90	69.90	79508	3.00
26	69.90	72.90	79509	3.00
27	72.90	75.50	79510	2.60
28	75.50	77.74	79511	2.24
29	77.74	78.74	79512	1.00
30	78.74	81.74	79513	3.00
31	81.74	84.74	79514	3.00
32	84.74	87.48	79515	2.74
33	87.48	90.48	79516	3.00
34	90.48	93.25	79517	2.77
35	93.25	96.25	79518	3.00
36	96.25	99.25	79519	3.00
37	99.25	102.25	79520	3.00
38	102.25	105.25	79521	3.00
39	105.25	108.25	79522	3.00
40	108.25	111.25	79523	3.00
41	111.25	113.65	79524	2.40
42	113.65	115.21	79525	1.56
43	115.21	117.50	79526	2.29
44	117.50	122.25	79527	4.75
45	122.25	125.27	79528	3.02
46	125.27	128.27	79529	3.00
47	128.27	130.80	79530	2.53
48	130.80	132.59	79531	1.79
49	132.59	135.33	79532	2.74
50	135.33	138.38	79533	3.05
51	138.38	141.38	79534	3.00
52	141.38	144.38	79535	3.00
53	144.38	147.00	79536	2.62
54	147.00	150.00	79537	3.00

M577 - WS880019 - SAMPLE INTERVALS

LINE	FROM	TO	NUMBER	LENGTH
55	150.00	152.00	79538	2.00
56	152.00	154.10	79539	2.10
57	154.10	156.00	79540	1.90
58	156.00	158.90	79541	2.90
59	158.90	162.00	79542	3.10
60	162.00	164.40	79543	2.40
61	164.40	167.40	79544	3.00
62	167.40	170.00	79545	2.60
63	170.00	172.80	79546	2.80
64	172.80	175.11	79547	2.31
65	175.11	178.31	79548	3.20
66	178.31	181.36	79549	3.05
67	181.36	183.70	79550	2.34
68	183.70	188.30		
69	188.30	190.65	79551	2.35
70	190.65	193.70	79552	3.05
71	193.70	196.60	79553	2.90

Chevron Minerals Ltd.
M577

DRILLHOLE/TRAVERSE : WS880020

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PROJECT IDEN   : M577             START DATE     : 88/ 8/12        COMPLETION DATE : 88/ 8/13      GEOLOGGED BY : RUB + SGM
COLLAR NORTHING: 5634180.00       COLLAR EASTING : 511328.00       COLLAR ELEVATION: 686.00        GRID AZIMUTH : 0.00
                                  TOTAL LENGTH   : 76.20           CORE/HOLE SIZE : NQ


          SURVEY FLAG     SURVEY POINT     FORESIGHT     AZIMUTH     VERTICAL ANGLE     NORTHING     EASTING
                           LOCATION                     (DEGREES)     (DEGREES)

              000            0.00                         217.00        -80.00

   F  - I N T E R V A L -  CORE      %     TYPI- QAL  TEX-  GRAIN FRAC-      STRUCTUR-1 ALTERATION MINS  ORE-TYPE MINS
K  L (UNITS = MT)          RECOV-    M ROCK FYING MIN TURES CHARACS TURE                H  H  H  H  H ANY H  H  H ANY
E  A                        ERY      I      TM TM MAT TX TX F C % M          T IO STK DIP  A  A  A  A  A MIN A  A  A MIN
Y  G   F R O M  -  T O     ( % )     X TYPE  1  2 QM1  1  2 F F C P  # TK    1    AZM  RT QZ MR CY AK SR XX PY CP LI YY  SUMMARY
- --- -----.--   -----.--  ----.- -- - ---- -- -- --- -- -- - - - - -- - -  - -- --- --- -- -- -- -- -- -- -- -- -- --  - - - -
K  F                       ROCK   FOR EN RT    TM QM2 TX TX S R S O DIP F    T ID STK DIP CA MU CL EP HE HA PR AS FS HA
E  L                       QUAL   MEM  V  Q LC- 3      3  4 O N H / SML I    2   AZM  RT     H  H  H  H  H  H  H  H
Y  G                       DESIG  AGE       COL            R D P C            STRUCTUR-2       A  A  A  A  A  A  A  A


P        0.00     7.32             OVER                               P
R P      0.00     7.32       OVERBURDEN: BOULDER TILL

P        7.32    51.05             DIOR          EQ MX 4 5 5 5        P                  V(                 D.
L                                     GA                                                 V-        D.       (.
R P      7.32    51.05       DIORITE: PYRITE APPEARS TO BE MORE ABUNDANT IN THE LEAST
R P      7.32    51.05       ALTERED SECTIONS. FAIRLY HEAVY PYRITE WITH ASSOCIATED
R P      7.32    51.05       PYRRHOTITE AT 14.65M. SEVERAL INTERMEDIATE DYKES ARE FOUND AS
R P      7.32    51.05       FOLLOWS; AT 22.92-23.40M AT 20 DEG., AT 24.64-25.17M AT 60
R P      7.32    51.05       DEG., AT 27.50-28.00M AT 70 DEG. AND AT 38.00-38.60M.  THESE
R P      7.32    51.05       INTERMEDIATE DYKES ARE OFTEN BLEACHED AND CONTAIN EPIDOTE.
R P      7.32    51.05       FAULT AT 28.60-28.75M WITH GOUGE AT 50 DEG. SLICKENSIDED
R P      7.32    51.05       FRACTURE AT 40 DEG. AT 38.10M.
R D      7.32    21.25       DIORITE: VARIABLY BLEACHED AND EPIDOTIZED. THIS SECTION
R D      7.32    21.25       CORRELATES WITH 7.32-10.54M IN WS880019.
N D      7.32    21.25          X DIOR       BL8 EQ MX 4 5 5 5        D                  V)                 D.
L                                     GA                                                 V(        D.       (.
R N     21.25    22.71       INTERMEDIATE DYKE:
N       21.25    22.71          X D/IN       BL7 EQ MX 3 3 X 3        N    UC       50 V)
L                                     5G         SH                                      V-
R N     39.73    40.69       GRANITE: ALBITIZED. THIS ZONE IS SIMILAR TO 28.96-32.75M IN
R N     39.73    40.69       WS880019. SHEARING FROM 40.57-41.00M AT 0 DEG.
N       39.73    40.69        AB X GRAN      BL7 PP MX 4 5 7 6        N    UC       45 V+                   D.
L                                     7A                                   LC       75 V=
R N     49.50    51.05       GRANITE:
N       49.50    51.05        AB 4 GRAN          EQ SH 4 5 7 6        N    UC          V)                   D(
L                                     7A         MX                                      V*    H+

P       51.05    52.77             D/FP      BL5 SH CA 3 4 7 6        P    UC       10 V1 H(
L                                     6A                                                 V+
R P     51.05    52.77       FELDSPAR PORPHYRY DYKE: CATACLASTIC AT 51.05-51.42M. HEAVY
R P     51.05    52.77       QUARTZ VEINING. THIS SECTION IS EQUIVALENT TO 41.47-44.00M IN
R P     51.05    52.77       WS880019. THE CATACLASTIC FOLIATION IS AT 40-60 DEG. LOCAL
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Chevron Minerals Ltd.
M577

DRILLHOLE/TRAVERSE : WS880020 (CONTINUED)

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  F  - I N T E R V A L -  CORE      %      TYPI- QAL  TEX-  GRAIN FRAC-       STRUCTUR-1 ALTERATION MINS  ORE-TYPE MINS
K  L (UNITS = MT)         RECOV-    M ROCK FYING MIN TURES CHARACS TURE                  H  H  H  H  H ANY H  H  H ANY
E  A                       ERY      I      TM TM MAT TX TX F C % M          T ID STK DIP  A  A  A  A  A MIN A  A  A MIN
Y  G   F R O M  -  T O    ( % )     X TYPE  1  2 QM1  1  2 F F C P  # TK     1    AZM  RT QZ MR CY AK SR XX PY CP LI YY  SUMMARY
- --- -----.--   -----.-- ----.- -- - ---- -- -- --- -- -- - - - - -- -- -  - -- --- --- -- -- -- -- -- -- -- -- -- --  - - - -
K  F                      ROCK   FOR EN RT    TM QM2 TX TX S R S O DIP F    T ID STK DIP CA MU CL EP HE HA PR AS FS HA
E  L                      QUAL   MEM  V  Q LC- 3       3  4 O N H / SML I    2    AZM  RT       H  H  H  H  H  H  H  H
Y  G                      DESIG  AGE       COL            R D P C             STRUCTUR-2          A  A  A  A  A  A  A  A

R P     51.05      52.77        BLEACHING.

P       52.77      58.83              D/FP           PP SH 4 5 6 5      P    UC       75 V= O.             D-
L                                          TA                                            V+
R P     52.77      58.83        FELDSPAR PORPHYRY DYKE: RANGES FROM TAN-GREY TO PINKISH.
R P     52.77      58.83        LOCALLY ALBITIZED. SIMILAR TO 44.00-47.90 IN WS880019.
R P     52.77      58.83        MARIPOSITE OCCURS IN AREAS OF SHEARING AT 54.70-55.00M.

P       58.83      76.20              GABR           MX EQ 4 5 1 5      P                V(
L                                          AG                                                   H4
R P     58.83      76.20        GABBRO: CONTAINS IRREGULAR GRANITIC MASSES, PERHAPS PARTLY
R P     58.83      76.20        ASSIMILATED INCLUSIONS. FAULT AT 64.25-64.40M AT 20 DEG. FAULT
R P     58.83      76.20        AT 65.60-65.65M. GOUGE AND TALCOSE SHEARS AT 73.00 AT 30
R P     58.83      76.20        DEG.
R D     64.16      73.47        GABBRO: GOUGE AT 64.16-64.36M AT 10 DEG. STRONGLY SHEARED AT
R D     64.16      73.47        15, 25 AND 40 DEG. AT 65.58-67.00M, INCLUDING SLICKENSIDES.
R D     64.16      73.47        GOUGE AT 40 DEG. AT 67.60M. SHEARING AT 68.50-68.97M AT 30 DEG.
R D     64.16      73.47        SHEARED AND GOUGED AT 20 DEG. AT 71.80-72.00M. SHEARED AND
R D     64.16      73.47        GOUGED AT 0 DEG. AT 73.22-73.47M, INCLUDING SLICKENSIDES.
N D     64.16      73.47            X GABR           SH EQ 4 5 1 5      D                V(
L                                          AG                                            V(     H4
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S U M M A R Y   R E M A R K S

DRILLHOLE WS880020 WAS COLLARED 470M SE OF WS880013 ON THE SW DIORITE ZONE AND WAS DRILLED TO TEST A STRONG VLF EM-16 ANOMALY . THIS HOLE WAS DRILLED AT AN AZIMUTH OF 217 DEG. AND A DIP OF -80 DEG. FOR A TOTAL DEPTH OF 76.20M.
OVERBURDEN WAS TRICONED TO 7.32M. DIORITE OCCURS FROM 7.32-51.05M. A FELDSPAR PORPHYRY DYKE WITH SOME QUARTZ VEINING AND MINOR MARIPOSITE OCCURS AT 51.05-58.83M. THE HOLE ENDS IN GABBRO THAT EXTENDS FROM 58.83-76.20M.

M577 - MS880020 - SAMPLE INTERVALS

LINE	FROM	TO	NUMBER	LENGTH
1	0.00	7.32		
2	7.32	10.28	79560	2.96
3	10.28	13.52	79561	3.24
4	13.52	16.42	79562	2.90
5	16.42	19.20	79563	2.78
6	19.20	21.25	79564	2.05
7	21.25	22.71	79565	1.46
8	22.71	25.71	79566	3.00
9	25.71	28.53	79567	2.82
10	28.53	31.50	79568	2.97
11	31.50	34.00	79569	2.50
12	34.00	37.00	79570	3.00
13	37.00	39.73	79571	2.73
14	39.73	40.69	79572	0.96
15	40.69	43.59	79573	2.90
16	43.59	46.63	79574	3.04
17	46.63	49.50	79575	2.87
18	49.50	51.05	79578	1.55
19	51.05	52.77	79577	1.72
20	52.77	53.77	79576	1.00
21	53.77	54.77	79579	1.00
22	54.77	55.78	79580	1.01
23	55.78	57.00	79581	1.22
24	57.00	58.63	79582	1.63
25	58.63	61.57	79583	2.74
26	61.57	64.16	79584	2.59
27	64.16	66.75	79585	2.59
28	66.75	69.80	79586	3.05
29	69.80	72.00	79587	2.20
30	72.00	73.47	79588	1.47
31	73.47	76.20	79589	2.73

Chevron Minerals Ltd.
M577

DRILLHOLE/TRAVERSE : MS880021

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PROJECT IDEN    : M577          START DATE      : 88/ 9/ 8       COMPLETION DATE : 88/ 9/11     GEOLOGGED BY : SGM + SGM
COLLAR NORTHING: 5634112.00     COLLAR EASTING : 511240.00       COLLAR ELEVATION: 695.00       GRID AZIMUTH : 0.00
                                TOTAL LENGTH    : 115.82         CORE/HOLE SIZE : NQ


             SURVEY FLAG     SURVEY POINT     FORESIGHT      AZIMUTH      VERTICAL ANGLE      NORTHING      EASTING
                               LOCATION                     (DEGREES)       (DEGREES)

                 000            0.00                          37.00          -45.00
                 001          115.82                          37.00          -44.00

  F   - I N T E R V A L -   CORE      %     TYPI- QAL  TEX-  GRAIN FRAC-        STRUCTUR-1 ALTERATION MINS  ORE-TYPE MINS
K  L (UNITS = MT)           RECOV-    M ROCK FYING MIN TURES CHARACS TURE                  H  H  H  H  H ANY H  H  H ANY
E  A                         ERY      I      TM TM MAT TX TX F C % M          T IO STK DIP  A  A  A  A  A MIN A  A  A MIN
Y  G   F R O M  -  T O      ( % )     X TYPE  1  2 QM1  1  2 F F C P  # TK    1     AZM  RT QZ MR CY AK SR XX PY CP LI YY  SUMMARY
- --- -----.--   -----.--   ----.- -- - ---- -- -- --- -- -- - - - - -- - -  - -- --- --- -- -- -- -- -- -- -- -- -- --  - - - -
K  F                        ROCK   FOR EN RT    TM QM2 TX TX S R S O DIP F    T ID STK DIP CA MU CL EP ME HA PR AS FS HA
E  L                        QUAL   MEM  V  Q LC- 3      3  4 O M H / SML I    2    AZM  RT       H  H  H  H  H  H  H  H
Y  G                        DESIG  AGE      COL               R D P C          STRUCTUR-2         A  A  A  A  A  A  A  A


P       0.00      12.19            OVER                         P
R P     0.00      12.19      OVERBURDEN: THIS INTERVAL WAS TRICONED.

P      12.19      14.02            DIOR         MX    4 5 5 5       P                        G1        TA
L                                     5A                           9                         )P        V*
R P    12.19      14.02      DIORITE: MEDIUM GREY, MEDIUM GRAINED, INITIAL PART OF INTERVAL
R P    12.19      14.02      IS VERY RUBBLY. INTERVAL FROM 13.75-14.02M IS A HIGHLY CLAY
R P    12.19      14.02      GOUGED FAULT ZONE.

P      14.02      14.43            ULMF         MX    4 5 5 5       P                                  TA
L                                     3G                           2                                   V) C(     <?
R P    14.02      14.43      ULTRA MAFIC: DARK GREEN, MEDIUM GRAINED, CUT BY DARK GREY
R P    14.02      14.43      VEINLETS < 1MM WIDE.

P      14.43      20.12            DIOR     BL4 MX    4 5 5 5       P              V)
L                                     AG                           5                         H)              <?
R P    14.43      20.12      DIORITE: GREY-GREEN, MEDIUM GRAINED, CUT BY 1% QUARTZ VEINS
R P    14.43      20.12      THAT AVERAGE 0.5CM WIDE. LOCALLY BLEACHED. BLACK MICROVEINLETS
R P    14.43      20.12      < 1MM WIDE (FINE SULPHIDES?) OCCUR THROUGHOUT THE INTREVAL
R P    14.43      20.12      ALONE AND AS SELVAGES TO QUARTZ VEINS. FAULT AT 40 DEG. AT
R P    14.43      20.12      16.39 M. QUARTZ VEINS ARE IRREGULAR AND RANGE FROM 20-80 DEG.
R P    14.43      20.12      TO CORE AXIS.

P      20.12      22.00            DYKE         MX    3 4 5 4       P   QV      80 V)                     D(
L                                     3G                           3   LC      40
R P    20.12      22.00      UNDIFFERENTIATED DYKE: DARK GREEN, FINE GRAINED, VERY
R P    20.12      22.00      HOMOGENOUS, 1% WHITE QUARTZ VEINS TO 0.5CM WIDE. UPPER CONTACT
R P    20.12      22.00      SHARP, BUT IRREGULAR. LOWER CONTACT IS OFF SET BY TWO
R P    20.12      22.00      QUARTZ-FILLED FRACTURES AT 60 DEG.

P      22.00      33.83            DIOR     BL4       4 5 5 5       P   QV      30 V+                     O*
L                                     7G                           5                                         <?
R P    22.00      33.83      DIORITE: LIGHT GREEN, WEAK PATCHY BLEACHING, MEDIUM GRAINED, UP
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Chevron Minerals Ltd.

M577

DRILLHOLE/TRAVERSE : WS880021 (CONTINUED)

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   F  - I N T E R V A L -   CORE      %      TYPI- QAL  TEX-  GRAIN FRAC-       STRUCTUR-1 ALTERATION MINS  ORE-TYPE MINS
K  L (UNITS = MT)           RECOV-    M ROCK FYING MIN TURES CHARACS TURE                   H  H  H  H  H ANY H  H  H ANY
E  A                         ERY      I      TM TM MAT TX TX F C % M             T ID STK DIP  A  A  A  A  A MIN A  A  A MIN
Y  G   F R O M  -  T O      ( % )     X TYPE  1  2 QM1  1  2 F F C P  # TK       1    AZM  RT QZ MR CY AK SR XX PY CP LI YY  SUMMARY
- --- -----.--   -----.--   ----.- -- - ---- -- -- --- -- -- - - - - -- -- -    - -- --- --- -- -- -- -- -- -- -- -- -- --  - - - -
K  F                        ROCK   FOR EN RT     TM QM2 TX TX S R S O DIP F      T ID STK DIP CA MU CL EP HE HA PR AS FS HA
E  L                        QUAL   MEN  V  Q LC- 3       3  4 O N H / SML I      2    AZM  RT        H  H  H  H  H  H  H  H
Y  G                        DESIG  AGE       COL              R D P C            STRUCTUR-2           A  A  A  A  A  A  A  A

R P     22.00     33.83        TO 3% WHITE QUARTZ VEINING. NUMEROUS BLACK CROSS-CUTTING
R P     22.00     33.83        VEINLETS < 1MM WIDE (FINE SULPHIDES PRESENT?). WHITE QUARTZ
R P     22.00     33.83        VEIN 0.5CM WIDE AT 23.80M AT 30 DEG. WHITE QUARTZ VEIN 1 CM
R P     22.00     33.83        WIDE AT 30 DEG. AT 24.00M.
R D     24.90     29.90        DIORITE: ZONE OF STRONG BUT PATCHY BLEACHING AND INCREASED
R D     24.90     29.90        QUARTZ VEINING, AS WELL AS UP TO 5% BLACK (FINE SULPHIDES?)
R D     24.90     29.90        CROSSCUTTING VEINLETS. INTENSELY BLEACHED ZONE AT 25.15-25.27M.
N D     24.90     29.90             X OIOR      BL7       4 5 5 5        D    QV      40 V-                D*
L                                          7G                        5                                          ()

P       33.83     35.54               ULMF            MX SH 4 5 5 5        P                           TA
L                                          3G                        7                                 V+
R P     33.83     35.54        ULTRAMAFIC: DARK GREEN, MEDIUM GRAINED, WEAKLY SHEARED, WELL
R P     33.83     35.54        FRACTURED, RUBBLY.

P       35.54     67.05               DIOR      BLO MX    4 5 5 5        P               V)    G(
L                                          5G                        5
R P     35.54     67.05        DIORITE: MEDIUM GREEN, LOCAL PATCHY BLEACHING. UP TO 1% WHITE
R P     35.54     67.05        QUARTZ VEINS TO A MAXIMUM WIDTH OF 1 CM. BLEACHED ZONE CUT BY
R P     35.54     67.05        5% QUARTZ VEIN AND BLACK VEINLETS FROM 35.53-36.20M. A FAULT
R P     35.54     67.05        WITH CLAY GOUGE MARKS THE LOWER CONTACT OF THIS ZONE. WHITE
R P     35.54     67.05        QUARTZ VEIN 1CM WIOE AT 20 DEG. AT 36.60M. IRREGULAR WHITE
R P     35.54     67.05        QUARTZ VEIN 0.5CM WIOE AT APPROXIMATELY 10 DEG. FROM
R P     35.54     67.05        38.40-38.66M. FAULT ZONE MARKED BY ZONE OF CLAY GOUGE FROM
R P     35.54     67.05        42.06-42.20M WITH UPPER CONTACT AT 25 OEG. SHEAREO FAULT ZONE
R P     35.54     67.05        FROM 44.15-44.35M. VUGGY WHITE QUARTZ VEIN 0.5CM WIOE AT 45.25M
R P     35.54     67.05        AT 35 OEG. VUGGY WHITE QUARTZ VEIN AT 20 OEG. AT 54.90M.
R N     43.15     44.15        FAULT ZONE: INTENSELY SHEARED ANO CLAY GOUGED OIORITE. QUARTZ
R N     43.15     44.15        STOCKWORK AT UPPER CONTACT WHICH IS GRAOATIONAL. LOWER CONTACT
R N     43.15     44.15        IS SHARP AT 20 DEG.
N       43.15     44.15             X FAUL            SH SK 0 4 4 5        N    LC      20 K+    G3         0)
L                                          3G                        X                         P+
R D     47.93     48.40        DIORITE: WEAKLY BLEACHED ZONE WITH UP TO 3% QUARTZ VEINLETS AT
R D     47.93     48.40        20 OEG.
N D     47.93     48.40             X DIOR      BL3 MX SH 4 5 5 5        D    QV      20 V+    G(
L                                          5G                        5
R N     48.40     48.70        FAULTZONE: INTENSELY SHEAREO, ABUNOANT CLAY AS GOUGE. UPPER
R N     48.40     48.70        CONTACT AT 20 OEG.
N       48.40     48.70             X FAUL            SH    0 4 4 5        N    UC      20       G3
L                                          3A
R N     49.50     49.80        QUARTZ VEIN: WHITE, MASSIVE. NO SULPHIOES VISIBLE, SLICKENSIOES
R N     49.50     49.80        AT BOTH CONTACTS.
N       49.50     49.80             X VNQZ            MX                   N    UC      20       G3
L                                                                    3      LC      35
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Chevron Minerals Ltd.
M577

DRILLHOLE/TRAVERSE : WS880021 (CONTINUED)

K	L	FROM	TO	CORE RECOVERY (%)	% ROCK TYPE	TYPIFYING MINERALS 1	TYPIFYING MINERALS 2	QAL MAT	TEXTURES 1	TEXTURES 2	GRAIN CHARACS F	GRAIN CHARACS C	FRACTURE %	FRACTURE P	FRACTURE #	FRACTURE TK	STRUCTUR-1 T	STRUCTUR-1 ID	STRUCTUR-1 STK AZM	STRUCTUR-1 DIP RT	ALTERATION MINS H QZ	ALTERATION MINS H MR	ALTERATION MINS H CY	ALTERATION MINS A AK	ALTERATION MINS A SR	ALTERATION MINS A XX MIN	ORE-TYPE MINS H PY	ORE-TYPE MINS H CP	ORE-TYPE MINS H LI	ORE-TYPE MINS A YY MIN	SUMMARY
R	D	66.56	67.05			DIORITE: ZONE WITH UP TO 20% WHITE, LOCALLY VUGGY QUARTZ																										
R	D	66.56	67.05			STOCKWORK AND VEINS. SHARP LOWER CONTACT.																										
M	D	66.56	67.05		X	DIOR		BLO	MX	SK	4	5	5	5		D				K2		G(								
L							5G		VN						5																
P		67.05	68.75			D/FP			PP	LM	3	5	+	5		P		UC		60	V1						D*			
L							3A		VN						3																
R	P	67.05	68.75			FELDSPAR PORPHYRY DYKE: DARK GREY, CHILLED UPPER CONTACT AT 60																										
R	P	67.05	68.75			DEG. UP TO 10% QUARTZ VEINS - VERY IRREGULAR.																										
P		68.75	115.82			DIOR			MX		3	4	1	5		P				V)							D(				
L							5A								5							P+					8(				
R	P	68.75	115.82			DIORITE: FINE TO MEDIUM GRAINED, MEDIUM GREY, TEXTURE IS																										
R	P	68.75	115.82			VARIABLE. UP TO 1% QUARTZ VEINS. GRADES LOCALLY INTO A VERY																										
R	P	68.75	115.82			MAFIC PHASE. STRONGLY BLEACHED ZONE AT 83.08-83.80M WITH 5%																										
R	P	68.75	115.82			QUARTZ VEINING. RUBBLY BROKEN ZONE FROM 92.30-92.66M. WHITE																										
R	P	68.75	115.82			QUARTZ VEIN 0.5CM WIDE AT 60 DEG. AT 94.91M. WHITE 1 CM WIDE																										
R	P	68.75	115.82			QUARTZ VEIN AT 30 DEG. AT 101.57M. FAULT WITH CLAY GOUGE AT																										
R	P	68.75	115.82			110.85-110.95M.																										
R	D	86.25	87.35			DIORITE: MEDIUM GREEN, HIGHLY SHEARED WITH TALC FORMING																										
R	D	86.25	87.35			COATINGS ON FRACTURES, HIGHLY FRACTURED.																										
M	D	86.25	87.35		X	DIOR			SH		3	4	1	5		D				V)						TA	D(				
L							5G								9							P+				C1	B(				

SUMMARY REMARKS

DRILL HOLE WS880021 WAS COLLARED 120 METERS SOUTHWEST OF HOLES WS880019 AND WS880020 AND WAS DRILLED TO TEST A STRONG NORTHWEST TRENDING VLF ANOMALY. THE HOLE WAS DRILLED AT AN AZIMUTH OF 37 DEG. WITH A DIP OF -45 DEG. FOR A TOTAL DEPTH OF 115.82M.
OVERBURDEN WAS TRICONED TO 12.19M. DIORITE THAT IS QUITE VARIABLE IN TEXTURE WAS CORED FROM 12.19 TO THE END OF THE HOLE AT 115.82 METERS. TWO STRONGLY SHEARED FAULT ZONES WITH ABUNDANT MASSIVE WHITE QUARTZ VEIN EXTENDS FROM 49.50-49.80M. QUARTZ VEINLETS UP TO 1 CM IN WIDTH OCCUR THROUGHOUT THE DIORITE. A SECTION OF VUGGY QUARTZ VEINS WAS FOUND FROM 45.25-56.29 METERS.

W577 - WS880021 - SAMPLE INTERVALS

LINE	FROM	TO	NUMBER	LENGTH
1	0.00	12.19		
2	12.19	14.02	79751	1.83
3	14.02	14.43	79752	0.41
4	14.43	16.50	79753	2.07
5	16.50	18.54	79754	2.04
6	18.54	20.12	79755	1.58
7	20.12	22.00	79756	1.88
8	22.00	23.45	79757	1.45
9	23.45	24.90	79758	1.45
10	24.90	26.56	79759	1.66
11	26.56	28.24	79760	1.68
12	28.24	29.90	79761	1.66
13	29.90	31.86	79762	1.96
14	31.86	33.83	79763	1.97
15	33.83	35.54	79764	1.71
16	35.54	36.20	79765	0.66
17	36.20	37.90	79766	1.70
18	37.90	39.60	79767	1.70
19	39.60	41.30	79768	1.70
20	41.30	43.15	79769	1.85
21	43.15	44.15	79770	1.00
22	44.15	46.04	79771	1.89
23	46.04	47.93	79772	1.89
24	47.93	48.40	79773	0.47
25	48.40	48.70	79774	0.30
26	48.70	49.50	79775	0.80
27	49.50	49.80	79776	0.30
28	49.80	52.00	79777	2.20
29	52.00	54.00	79778	2.00
30	54.00	56.00	79779	2.00
31	56.00	58.00	79780	2.00
32	58.00	60.00	79781	2.00
33	60.00	62.00	79782	2.00
34	62.00	64.00	79783	2.00
35	64.00	66.00	79784	2.00
36	66.00	66.56	79811	0.56
37	66.56	67.05	79785	0.49
38	67.05	68.75	79786	1.70
39	68.75	70.75	79787	2.00
40	70.75	72.75	79788	2.00
41	72.75	74.75	79789	2.00
42	74.75	76.75	79790	2.00
43	76.75	78.75	79791	2.00
44	78.75	80.75	79792	2.00
45	80.75	82.75	79793	2.00
46	82.75	84.75	79794	2.00
47	84.75	86.25	79795	1.50
48	86.25	87.35	79796	1.10
49	87.35	89.32	79797	1.97
50	89.32	91.00	79798	1.68
51	91.00	93.00	79799	2.00
52	93.00	95.00	79800	2.00
53	95.00	97.00	79801	2.00
54	97.00	99.06	79802	2.06

M577 - WS880021 - SAMPLE INTERVALS

LINE	FROM	TO	NUMBER	LENGTH
55	99.06	101.00	79803	1.94
56	101.00	103.00	79804	2.00
57	103.00	105.00	79804	2.00
58	105.00	107.00	79806	2.00
59	107.00	109.00	79807	2.00
60	109.00	111.00	79808	2.00
61	111.00	113.41	79809	2.41
62	113.41	115.82	79810	2.41

APPENDIX VIII

VLF-EM 16 DATA

		FACING:E (SEATTLE)			FACING: NE (ANNAPOLIS)		
NORTHING	EASTING	INPHASE	QUAD	FRASER FILTER	INPHASE	QUAD	FRASER FILTER
5000	2500	9	2		-5	-5	
5000	2525	10	4	-17	-10	-5	-12
5000	2550	16	6	-15	0	-10	-2
5000	2575	20	10	-11	-3	-11	12
5000	2600	21	11	-18	-5	-10	7
5000	2625	26	10	-21	-10	-10	0
5000	2650	33	13	-6	-5	-5	3
5000	2675	35	12	7	-10	-6	-7
5000	2700	30	13	2	-8	-20	-18
5000	2725	31	14	-18	0	0	-8
5000	2750	32	10	-20	0	0	0
5000	2775	47	9	3	0	0	5
5000	2800	36	8	8	0	0	20
5000	2825	40	8	11	-5	-10	30
5000	2850	35	7	17	-15	-6	20
5000	2875	30	5	14	-20	-10	5
5000	2900	28	2	10	-20	-8	0
5000	2925	23	5		-20	-2	
5000	2950	25	4		-20	-2	
4950	2425	2	1		-15	-1	
4950	2450	5	4	-6	-17	0	-2
4950	2475	5	5	-5	-10	0	18
4950	2500	8	4	-4	-20	-6	15
4950	2525	7	2	-20	-25	-4	0
4950	2550	10	4	-30	-20	-8	5
4950	2575	25	6	-15	-25	-8	2
4950	2600	22	14	-11	-25	-1	-3
4950	2625	28	13	-2	-22	2	-6
4950	2650	30	16	14	-25	-9	-11
4950	2675	22	12	0	-16	-5	-9
4950	2700	22	11	-8	-20	2	-14
4950	2725	30	12	-2	-12	2	-12
4950	2750	22	5	-15	-10	-4	3
4950	2775	32	8	-16	-10	-1	2
4950	2800	35	6	0	-15	-3	-3
4950	2825	35	8	15	-7	-3	3
4950	2850	32	8	24	-15	-5	13
4950	2875	23	8	19	-10	-6	30
4950	2900	20	7	7	-25	-2	25
4950	2925	16	9	-12	-30	-10	5
4950	2950	20	15	-17	-30	-10	-5
4950	2975	28	18		-30	-8	
4950	3000	25	17		-25	-8	
4900	2400	9	0		-5	-2	
4900	2425	6	0	-1	-5	-4	-5
4900	2450	10	3	-5	-5	-5	5
4900	2475	6	6	-16	0	-4	20
4900	2500	15	9	-12	-15	0	15
4900	2525	17	6	-2	-10	0	15
4900	2550	16	2	-6	-20	0	10

		FACING:E (SEATTLE)			FACING: NE (ANNAPOLIS)		
NORTHING	EASTING	INPHASE	QUAD	FRASER FILTER	INPHASE	QUAD	FRASER FILTER
4900	2575	18	4	-17	-20	-2	-5
4900	2600	21	5	-26	-20	-4	-5
4900	2625	30	10	-16	-15	-4	-5
4900	2650	35	9	3	-20	0	-5
4900	2675	32	8	15	-10	-2	15
4900	2700	30	11	15	-20	-2	20
4900	2725	22	10	0	-25	-2	-5
4900	2750	25	15	-7	-25	-5	-20
4900	2775	27	12	-6	-15	0	-1
4900	2800	27	10	-8	-15	-2	9
4900	2825	31	9	-5	-24	-2	1
4900	2850	31	6	1	-15	-6	6
4900	2875	32	4	5	-25	-2	-5
4900	2900	29	1	2	-20	-5	-15
4900	2925	29	4	-1	-15	-8	-5
4900	2950	30	8	0	-15	0	0
4900	2975	29	10		-15	-5	
4900	3000	30	12		-15	-5	
4850	2375	-2	3		-15	-4	
4850	2400	-2	2	-7	-18	-3	12
4850	2425	-2	4	-21	-20	-6	0
4850	2450	5	5	-24	-25	0	-7
4850	2475	12	8	-16	-13	-4	7
4850	2500	15	9	-12	-25	-4	-2
4850	2525	18	9	-9	-20	-8	-9
4850	2550	21	10	-2	-16	-2	14
4850	2575	21	8	-1	-20	0	24
4850	2600	20	2	-14	-30	-5	10
4850	2625	23	1	-24	-30	-12	-5
4850	2650	32	4	-9	-30	-4	-8
4850	2675	35	10	18	-25	-6	2
4850	2700	29	15	20	-27	0	-2
4850	2725	20	15	-2	-30	-5	-22
4850	2750	24	18	-13	-20	-2	-13
4850	2775	27	9	-6	-15	-2	7
4850	2800	30	7	3	-22	1	5
4850	2825	27	8	3	-20	-4	0
4850	2850	27	6	1	-22	-4	3
4850	2875	27	5	-2	-20	-2	3
4850	2900	26	6	-14	-25	-5	0
4850	2925	30	16	-20	-20	-6	4
4850	2950	37	18	-5	-25	-4	-1
4850	2975	39	15		-24	-4	
4850	3000	33	14		-20	-6	
4800	2325	-3	6		-8	-2	
4800	2350	-1	6	0	-12	-2	6
4800	2375	-3	5	-7	-13	-4	0
4800	2400	-1	4	-15	-13	-4	-4
4800	2425	4	4	-19	-12	-2	0
4800	2450	7	8	-23	-10	-2	10

		FACING:E (SEATTLE)			FACING: NE (ANNAPOLIS)		
NORTHING	EASTING	INPHASE	QUAD	FRASER FILTER	INPHASE	QUAD	FRASER FILTER
4800	2475	15	9	-20	-15	-6	10
4800	2500	19	8	-10	-17	-2	1
4800	2525	23	10	-9	-18	-6	-4
4800	2550	21	7	-12	-15	0	3
4800	2575	30	4	0	-16	-4	14
4800	2600	26	3	3	-20	0	4
4800	2625	25	4	-11	-25	-4	-8
4800	2650	28	4	-11	-15	-4	7
4800	2675	34	2	2	-22	-4	18
4800	2700	30	3	5	-25	-4	18
4800	2725	30	4	6	-30	-4	2
4800	2750	29	10	9	-35	0	-21
4800	2775	25	12	-1	-22	0	-25
4800	2800	25	8	-6	-22	0	-9
4800	2825	30	8	0	-10	0	18
4800	2850	26	6	0	-25	2	10
4800	2875	29	9	-1	-25	0	-5
4800	2900	27	11	-8	-20	0	-5
4800	2925	29	11	-22	-25	0	-15
4800	2950	35	15	-19	-15	2	-10
4800	2975	43	15		-15	1	
4800	3000	40	12		-15	-6	
4750	2325	5	5		-15	2	
4750	2350	3	8	13	-20	-1	9
4750	2375	-1	9	6	-22	-1	0
4750	2400	-4	6	-14	-22	-4	1
4750	2425	0	6	-31	-20	-1	0
4750	2450	9	10	-28	-25	0	-10
4750	2475	18	11	-14	-17	0	-4
4750	2500	19	10	-8	-18	2	5
4750	2525	22	7	-10	-20	-6	2
4750	2550	23	5	-13	-20	-2	8
4750	2575	28	6	-6	-20	-4	18
4750	2600	30	5	6	-28	-2	22
4750	2625	27	5	10	-30	-12	20
4750	2650	25	8	17	-40	-14	3
4750	2675	22	4	19	-38	-12	-8
4750	2700	13	0	-7	-35	-14	-18
4750	2725	15	2	-26	-35	-13	-25
4750	2750	27	4	-23	-20	-4	-3
4750	2775	27	8	-15	-25	0	7
4750	2800	38	7	-1	-27	-4	-2
4750	2825	31	9	-6	-25	-4	8
4750	2850	35	12	-24	-25	-12	15
4750	2875	40	15	-25	-35	-12	0
4750	2900	50	16	-1	-30	-12	-10
4750	2925	50	12	33	-30	-14	-15
4750	2950	41	8	43	-25	-8	-25
4750	2975	26	7		-20	0	
4750	3000	22	4		-10	0	

		FACING:E (SEATTLE)			FACING: NE (ANNAPOLIS)		
NORTHING	EASTING	INPHASE	QUAD	FRASER FILTER	INPHASE	QUAD	FRASER FILTER
4700	2250	15	3		-12	0	
4700	2275	15	8	10	-15	0	11
4700	2300	12	8	17	-20	-2	3
4700	2325	8	8	18	-18	-1	2
4700	2350	2	7	8	-20	0	2
4700	2375	0	7	-8	-20	0	0
4700	2400	2	7	-20	-20	-2	0
4700	2425	8	8	-19	-20	0	10
4700	2450	14	10	-13	-20	-2	28
4700	2475	15	9	-13	-30	-4	23
4700	2500	20	12	-12	-38	0	-3
4700	2525	22	10	-11	-35	2	-18
4700	2550	25	9	-9	-30	0	-10
4700	2575	28	12	-8	-25	2	20
4700	2600	28	10	-19	-30	-6	28
4700	2625	33	14	-16	-45	-9	-22
4700	2650	42	14	19	-38	2	-53
4700	2675	35	9	44	-15	10	-23
4700	2700	21	2	19	-15	5	5
4700	2725	12	6	-19	-15	10	12
4700	2750	25	12	-18	-20	-2	17
4700	2775	27	10	-8	-22	-8	23
4700	2800	28	6	-10	-30	-12	18
4700	2825	32	12	-16	-35	-17	5
4700	2850	33	12	-17	-35	-15	-5
4700	2875	43	17	9	-35	-12	-17
4700	2900	39	9	33	-30	-8	-30
4700	2925	28	6	37	-23	-2	-31
4700	2950	21	6	28	-12	-2	-15
4700	2975	9	1		-10	3	
4700	3000	12	3		-10	5	
4650	2250	15	5				
4650	2275	0	3	-3	-7	-4	
4650	2300	10	10	4	-7	0	6
4650	2325	8	12	22	-7	-3	13
4650	2350	-2	9	3	-13	-3	9
4650	2375	-2	6	-13	-14	1	8
4650	2400	5	10	-12	-15	-2	16
4650	2425	4	6	-24	-20	-5	1
4650	2450	11	7	-27	-25	-5	-19
4650	2475	22	9	-7	-11	0	-6
4650	2500	20	6	0	-15	0	1
4650	2525	20	5	-15	-15	-2	-14
4650	2550	22	5	-34	-12	-1	-18
4650	2575	33	8	-36	-4	2	-11
4650	2600	43	14	-12	-5	0	-4
4650	2625	48	8	28	0	5	10
4650	2650	40	5	55	-5	-2	10
4650	2675	23	1	51	-10	4	10
4650	2700	10	5	28	-5	0	20
4650	2725	2	2	-26	-20	0	0

		FACING:E (SEATTLE)			FACING: NE (ANNAPOLIS)		
NORTHING	EASTING	INPHASE	QUAD	FRASER FILTER	INPHASE	QUAD	FRASER FILTER
4650	2750	3	4	-65	-15	-4	-15
4650	2775	35	16	-33	-10	-2	-3
4650	2800	35	15	1	-10	-2	22
4650	2825	36	10	8	-12	-2	23
4650	2850	33	6	12	-30	-6	-12
4650	2875	30	5	14	-15	1	-22
4650	2900	27	3	22	-15	0	-12
4650	2925	22	3	31	-8	0	-5
4650	2950	13	2	20	-10	0	0
4650	2975	5	2		-8	0	
4650	3000	10	10		-10	0	
4600	2250	22	6		-15	-2	
4600	2275	52	12	75	-8	-13	14
4600	2300	2	13	57	-22	0	0
4600	2325	-3	10	-12	-15	0	-12
4600	2350	0	9	-22	-15	1	0
4600	2375	11	10	-11	-10	3	20
4600	2400	8	7	-13	-20	-5	11
4600	2425	14	8	-18	-25	-4	-7
4600	2450	18	6	-8	-16	-10	11
4600	2475	22	8	18	-22	-8	27
4600	2500	18	6	29	-30	-10	23
4600	2525	4	1	-2	-35	-2	15
4600	2550	7	0	-29	-40	-6	0
4600	2575	17	2	-27	-40	0	-28
4600	2600	23	4	-32	-35	4	-48
4600	2625	28	3	-38	-17	14	-42
4600	2650	44	6	-8	-10	13	-27
4600	2675	45	8	34	0	8	5
4600	2700	35	9	30	0	0	30
4600	2725	20	9	-15	-15	2	7
4600	2750	30	10	-40	-15	1	-3
4600	2775	40	16	-35	-7	-2	15
4600	2800	50	18	0	-20	-10	1
4600	2825	55	14	38	-17	0	-16
4600	2850	35	6	28	-11	2	-8
4600	2875	32	0	17	-10	6	-6
4600	2900	30	2	27	-10	2	-10
4600	2925	20	0	21	-5	5	-5
4600	2950	15	4	1	-5	3	0
4600	2975	14	5		-5	0	
4600	3000	20	12		-5	-1	
4550	2200	-19	-10		-19	-10	
4550	2225	-15	-15	-12	-15	-15	-12
4550	2250	-12	-32	-30	-12	-32	-12
4550	2275	-10	2	-47	-10	-2	-5
4550	2300	13	9	-28	-5	-2	6
4550	2325	12	6	-17	-12	-4	7
4550	2350	19	12	0	-9	-7	24
4550	2375	23	12	17	-15	-7	39

		FACING:E (SEATTLE)			FACING: NE (ANNAPOLIS)		
NORTHING	EASTING	INPHASE	QUAD	FRASER FILTER	INPHASE	QUAD	FRASER FILTER
4550	2400	8	6	-11	-30	-12	26
4550	2425	17	11	-21	-33	-8	10
4550	2450	25	11	4	-38	-6	-1
4550	2475	21	7	23	-35	-5	-3
4550	2500	17	2	20	-35	-3	0
4550	2525	6	1	5	-35	0	20
4550	2550	12	1	0	-35	4	55
4550	2575	6	1	-16	-55	4	40
4550	2600	12	2	-44	-70	-8	-25
4550	2625	22	8	-51	-60	-13	-55
4550	2650	40	8	-18	-40	-2	-40
4550	2675	45	14	35	-35	2	-30
4550	2700	35	14	44	-25	2	-30
4550	2725	15	12	-1	-20	0	-20
4550	2750	21	15	-39	-10	4	0
4550	2775	30	14	-44	-15	0	5
4550	2800	45	18	-15	-15	-4	-5
4550	2825	50	14	20	-15	6	-10
4550	2850	40	3	25	-10	4	-10
4550	2875	35	2	15	-10	4	-5
4550	2900	30	0	19	-5	4	0
4550	2925	30	4	24	-10	-2	0
4550	2950	16	0	1	-5	2	7
4550	2975	20	10		-10	3	
4550	3000	25	12		-12	0	
4500	2200	25	-4		0	-12	
4500	2225	24	-3	-56	-2	-20	-34
4500	2250	102	-10	110	30	-40	17
4500	2275	3	10	65	2	-6	21
4500	2300	13	10	-33	9	-2	16
4500	2325	27	10	-2	2	-8	29
4500	2350	22	10	14	-7	-11	26
4500	2375	20	12	14	-11	-11	37
4500	2400	15	5	-10	-20	-8	35
4500	2425	13	7	-24	-35	-10	7
4500	2450	32	10	9	-31	-8	0
4500	2475	20	3	21	-31	-2	-17
4500	2500	16	1	5	-35	-2	-52
4500	2525	15	4	-5	-10	-12	-39
4500	2550	16	2	-7	-4	-8	-11
4500	2575	20	5	-5	-2	-7	60
4500	2600	18	8	-7	-1	-9	127
4500	2625	23	7	-6	-65	-5	54
4500	2650	22	10	8	-65	0	-35
4500	2675	25	12	25	-55	-10	-105
4500	2700	12	1	12	-40	0	-90
4500	2725	10	5	-6	25	-5	40
4500	2750	15	7	-4	-30	5	35
4500	2775	13	3	-6	-25	2	-25
4500	2800	16	4	-11	-15	0	-15
4500	2825	18	0	-12	-15	-6	-15

		FACING:E (SEATTLE)			FACING: NE (ANNAPOLIS)		
NORTHING	EASTING	INPHASE	QUAD	FRASER FILTER	INPHASE	QUAD	FRASER FILTER
4500	2850	22	2	-10	-10	-4	-15
4500	2875	24	3	-19	-5	0	-5
4500	2900	26	0	-15	-5	0	2
4500	2925	39	1	21	-5	0	12
4500	2950	26	4	27	-7	0	18
4500	2975	18	7		-15	0	
4500	3000	20	4		-15	-15	
4450	2150	15	-1		-14	-8	
4450	2175	18	-2	-16	-4	-10	-19
4450	2200	21	-4	-129	-4	-14	-48
4450	2225	28	-11	-93	5	-15	-26
4450	2250	140	-10	149	35	-30	60
4450	2275	2	12	95	-8	0	53
4450	2300	17	12	-43	-12	-6	13
4450	2325	30	18	-18	-14	-8	17
4450	2350	32	14	-3	-19	-9	17
4450	2375	33	6	2	-24	-10	14
4450	2400	32	5	17	-26	-2	8
4450	2425	31	2	30	-31	-2	-6
4450	2450	17	-1	15	-27	-2	-13
4450	2475	16	0	-1	-24	-4	-6
4450	2500	17	2	-6	-21	-2	4
4450	2525	17	0	-12	-24	-6	2
4450	2550	22	3	-6	-25	-6	-9
4450	2575	24	6	8	-22	-6	-14
4450	2600	21	7	15	-18	-4	-7
4450	2625	17	2	13	-15	-8	1
4450	2650	13	1	5	-18	-6	1
4450	2675	12	2	-3	-16	-10	4
4450	2700	13	0	-5	-18	-10	6
4450	2725	15	2	-10	-20	-8	12
4450	2750	15	8	-21	-20	-8	25
4450	2775	23	11	-23	-30	-12	15
4450	2800	28	11	-12	-35	-14	-15
4450	2825	33	15	7	-30	-8	-30
4450	2850	30	6	16	-20	-2	-25
4450	2875	24	0	13	-15	0	-18
4450	2900	23	-3	12	-10	5	-8
4450	2925	18	-3	8	-7	0	-2
4450	2950	17	-2	3	-10	4	-7
4450	2975	16	-1		-5	3	
4450	3000	16	4		-5	2	
4400	2050	9	2		6	-2	
4400	2075	15	2	-13	7	-6	-4
4400	2100	17	2	-6	9	-9	-7
4400	2125	20	1	-11	8	-11	-15
4400	2150	18	-5	-104	15	-18	-29
4400	2175	30	-12	-57	17	-16	1
4400	2200	112	-17	134	35	-26	59
4400	2225	-7	17	63	-4	-2	44

		FACING:E (SEATTLE)			FACING: NE (ANNAPOLIS)		
NORTHING	EASTING	INPHASE	QUAD	FRASER FILTER	INPHASE	QUAD	FRASER FILTER
4400	2250	15	14	-59	-3	-9	12
4400	2275	27	7	-43	-10	-17	2
4400	2300	40	18	-18	-9	-10	-15
4400	2325	45	8	8	-6	-7	-15
4400	2350	40	2	22	2	-6	-3
4400	2375	37	2	31	-2	-4	34
4400	2400	26	0	27	1	-4	65
4400	2425	20	0	15	-35	-10	28
4400	2450	16	0	3	-31	-8	0
4400	2475	15	2	-9	-31	-2	-1
4400	2500	18	2	-9	-35	-2	-15
4400	2525	22	4	3	-26	2	-9
4400	2550	20	2	9	-25	0	-14
4400	2575	17	1	10	-27	0	-35
4400	2600	16	0	6	-10	1	-20
4400	2625	11	4	-4	-7	2	13
4400	2650	16	4	-3	-10	-8	18
4400	2675	15	3	4	-20	-6	10
4400	2700	15	0	7	-15	-5	20
4400	2725	12	2	-9	-25	-5	10
4400	2750	11	0	-24	-30	-11	-18
4400	2775	25	8	-10	-20	-15	-18
4400	2800	22	6	-3	-17	-4	-16
4400	2825	24	4	0	-15	0	-23
4400	2850	26	1	12	-6	-2	-18
4400	2875	20	0	11	-3	2	-9
4400	2900	18	2	5	0	4	-3
4400	2925	17	-1	-11	0	3	0
4400	2950	16	0	-32	0	2	0
4400	2975	30	4		0	-10	
4400	3000	35	6		0	0	
4350	2050	3	4		-15	0	
4350	2075	3	3	-16	-10	-1	-7
4350	2100	8	6	-16	-10	-4	-6
4350	2125	14	8	-8	-8	-2	-10
4350	2150	13	2	-25	-6	-6	-12
4350	2175	17	0	-24	-2	-4	-13
4350	2200	35	-2	37	0	-8	16
4350	2225	19	2	42	5	-20	43
4350	2250	-4	21	-28	-23	2	12
4350	2275	16	15	-48	-15	-2	-9
4350	2300	27	16	-25	-15	-3	-14
4350	2325	33	2	-8	-14	-2	-29
4350	2350	35	2	2	-2	-2	-22
4350	2375	33	-4	0	2	-4	-13
4350	2400	33	-5	-1	4	-7	-16
4350	2425	35	-7	-1	9	-9	-20
4350	2450	32	-8	-4	13	-9	-14
4350	2475	37	-2	4	20	-6	-8
4350	2500	34	2	13	16	-4	-5
4350	2525	31	2	15	25	-8	16

		FACING:E (SEATTLE)			FACING: NE (ANNAPOLIS)		
NORTHING	EASTING	INPHASE	QUAD	FRASER FILTER	INPHASE	QUAD	FRASER FILTER
4350	2550	27	-4	15	16	-10	22
4350	2575	23	-1	11	9	-8	10
4350	2600	20	1	2	10	-15	9
4350	2625	19	2	-9	5	-10	4
4350	2650	22	8	-12	5	-4	-6
4350	2675	26	11	-3	6	-12	1
4350	2700	27	10	8	10	0	21
4350	2725	24	5	14	0	-8	25
4350	2750	21	-1	16	-5	-2	15
4350	2775	16	-6	10	-10	-4	3
4350	2800	13	-6	3	-10	-5	-4
4350	2825	14	-7	5	-8	0	-5
4350	2850	12	-6	3	-8	0	-9
4350	2875	10	-6	-5	-5	0	-11
4350	2900	13	-6	-8	-2	0	-10
4350	2925	14	-5	-9	0	1	-5
4350	2950	17	-2	-8	3	0	3
4350	2975	19	1		0	0	
4350	3000	20	1		0	0	
4300	2000	5	-1		0	0	
4300	2025	8	0	2	-1	-4	8
4300	2050	6	1	3	-5	2	-2
4300	2075	5	3	-3	-4	-6	-12
4300	2100	6	4	-10	0	-4	-5
4300	2125	8	3	-15	3	0	0
4300	2150	13	5	-26	-2	6	-4
4300	2175	16	2	-42	5	2	-2
4300	2200	31	7	-65	0	6	-20
4300	2225	40	4	49	5	-8	25
4300	2250	72	-13	157	20	0	70
4300	2275	-50	10	-8	-40	-2	-25
4300	2300	5	20	-99	-5	0	-75
4300	2325	25	12	-34	10	2	-40
4300	2350	29	0	-21	20	2	-25
4300	2375	35	-2	-21	25	-2	-25
4300	2400	40	0	-5	30	2	-25
4300	2425	45	-4	15	40	0	-10
4300	2450	35	-2	10	40	-12	5
4300	2475	35	-4	-5	40	-10	5
4300	2500	35	-6	-6	35	-8	0
4300	2525	40	-1	1	40	-8	0
4300	2550	36	1	6	35	-14	-5
4300	2575	38	8	9	40	-10	5
4300	2600	32	-1	6	40	-15	25
4300	2625	33	6	-1	30	-6	35
4300	2650	31	8	-10	25	-4	35
4300	2675	35	10	-3	10	-6	22
4300	2700	39	10	23	10	-6	15
4300	2725	30	0	34	3	0	11
4300	2750	21	-9	22	2	-8	5
4300	2775	14	-7	5	0	0	2

		FACING:E (SEATTLE)			FACING: NE (ANNAPOLIS)		
NORTHING	EASTING	INPHASE	QUAD	FRASER FILTER	INPHASE	QUAD	FRASER FILTER
4300	2800	15	-6	-2	0	-2	0
4300	2825	15	-10	-5	0	0	0
4300	2850	16	-8	-8	0	4	0
4300	2875	19	-4	-10	0	0	0
4300	2900	20	0	-6	0	0	0
4300	2925	25	2	8	0	8	0
4300	2950	20	6	14	0	0	0
4300	2975	17	4		0	0	
4300	3000	14	8		0	0	
4250	2075	0	4		-12	-4	
4250	2100	2	4	-25	-5	0	13
4250	2125	12	5	-34	-10	-2	25
4250	2150	15	5	-38	-20	-8	0
4250	2175	33	12	-4	-20	-10	-35
4250	2200	32	0	23	-10	-4	-50
4250	2225	20	-10	-3	5	-1	-40
4250	2250	22	-14	-69	15	2	-50
4250	2275	33	-16	-26	20	0	-15
4250	2300	78	-25	93	50	-2	54
4250	2325	3	4	46	0	0	9
4250	2350	15	-4	-32	16	-1	-44
4250	2375	20	-7	-30	25	-2	-29
4250	2400	30	-12	-22	35	0	-5
4250	2425	35	8	-9	35	0	13
4250	2450	37	-5	-3	30	-4	8
4250	2475	37	-4	1	27	-6	0
4250	2500	38	-3	5	30	-6	-20
4250	2525	35	-1	1	27	0	-23
4250	2550	35	2	0	50	-2	20
4250	2575	37	4	9	30	-5	41
4250	2600	33	4	10	27	-2	35
4250	2625	30	5	-1	12	-6	19
4250	2650	30	6	-9	10	-8	4
4250	2675	34	10	4	10	-5	8
4250	2700	35	10	24	8	-8	14
4250	2725	25	-3	24	4	-8	11
4250	2750	20	-8	19	0	-4	-2
4250	2775	16	-7	19	1	-3	-2
4250	2800	10	-8	6	5	-3	5
4250	2825	7	-9	-12	-2	0	0
4250	2850	13	-6	-17	3	0	5
4250	2875	16	-4	-10	0	-3	12
4250	2900	21	0	10	-4	-4	2
4250	2925	18	3	24	-5	-3	-8
4250	2950	9	2	1	-1	0	-6
4250	2975	6	4		0	1	
4250	3000	20	13		0	0	
4200	2100	3	2				
4200	2125	4	0	-12	-14	-2	
4200	2150	4	-1	-27	-10	0	-2

		FACING:E (SEATTLE)			FACING: NE (ANNAPOLIS)		
NORTHING	EASTING	INPHASE	QUAD	FRASER FILTER	INPHASE	QUAD	FRASER FILTER
4200	2175	15	5	-19	-14	0	-16
4200	2200	20	4	-8	-8	0	-25
4200	2225	18	-1	-7	0	5	-16
4200	2250	25	8	3	3	8	-10
4200	2275	20	-7	9	5	2	-14
4200	2300	20	-6	-1	8	0	-28
4200	2325	16	-9	-30	14	-2	-33
4200	2350	25	-8	-43	27	0	-12
4200	2375	41	-8	-35	28	-4	5
4200	2400	43	-1	-16	25	-4	11
4200	2425	58	1	14	25	-44	18
4200	2450	42	0	35	17	-10	11
4200	2475	45	-1	36	15	-12	0
4200	2500	20	4	8	16	-12	0
4200	2525	31	12	5	16	-10	6
4200	2550	26	-8	6	15	-7	10
4200	2575	20	3	-20	11	-8	3
4200	2600	31	4	-20	10	-2	-2
4200	2625	35	10	-5	13	-2	3
4200	2650	36	8	1	10	-2	1
4200	2675	35	12	-4	10	0	-10
4200	2700	35	2	-7	12	0	-16
4200	2725	40	-2	3	18	8	-10
4200	2750	37	3	27	20	10	16
4200	2775	35	8	42	20	16	38
4200	2800	15	-6	14	2	-2	21
4200	2825	15	-5	-13	0	0	2
4200	2850	21	-2	-11	1	0	4
4200	2875	22	2	1	-1	0	4
4200	2900	25	0	14	-2	0	-1
4200	2925	17	0	8	-2	-4	-3
4200	2950	16	2		0	0	-1
4200	2975	18	-1		-1	2	
4200	3000				0	5	
4150	1925	-6	3		-13	-2	
4150	1950	-8	4	-6	-15	0	-15
4150	1975	-8	4	-19	-8	0	-13
4150	2000	0	7	-11	-5	-2	2
4150	2025	3	6	6	-5	-4	10
4150	2050	0	4	11	-10	-3	2
4150	2075	-3	2	-1	-10	-4	-3
4150	2100	-5	-1	-21	-7	0	1
4150	2125	3	1	-28	-10	0	3
4150	2150	10	2	-11	-8	-8	4
4150	2175	16	4	13	-12	-8	0
4150	2200	8	0	15	-10	-6	0
4150	2225	5	-2	4	-10	-4	-8
4150	2250	4	-1	1	-12	-10	-24
4150	2275	5	-5	-4	0	-6	-14
4150	2300	3	-5	-27	2	-10	-3
4150	2325	10	-13	-40	0	-12	-13

		FACING:E (SEATTLE)			FACING: NE (ANNAPOLIS)		
NORTHING	EASTING	INPHASE	QUAD	FRASER FILTER	INPHASE	QUAD	FRASER FILTER
4150	2350	25	0	-23	5	-12	-13
4150	2375	28	-1	-17	10	-12	-8
4150	2400	30	-8	-17	8	-10	-7
4150	2425	40	-2	9	15	-12	-7
4150	2450	35	2	25	10	-10	-15
4150	2475	26	-8	10	20	-10	-10
4150	2500	24	-5	-7	20	-15	10
4150	2525	27	-3	-10	20	-7	18
4150	2550	30	-1	-1	10	-10	13
4150	2575	31	-5	7	12	-8	12
4150	2600	27	7	3	5	-8	5
4150	2625	27	8	-5	5	-1	-7
4150	2650	28	5	-16	7	-3	-15
4150	2675	31	4	-27	10	0	-15
4150	2700	40	6	-14	17	0	2
4150	2725	46	3	11	15	0	15
4150	2750	39	6	29	10	0	17
4150	2775	36	6	38	7	1	16
4150	2800	20	-1	20	1	0	13
4150	2825	17	-1	-2	0	0	9
4150	2850	19	0	-1	-5	-2	1
4150	2875	20	-2	12	-3	-2	-3
4150	2900	17	0	22	-3	-4	-2
4150	2925	10	0	25	-2	-2	-3
4150	2950	5	0	8	-2	0	-5
4150	2975	-3	2		0	1	
4150	3000	10	12		1	3	
4100	1975	-11	0		-5	-3	
4100	2000	-12	2	-19	-5	-3	-10
4100	2025	-6	4	-27	0	2	-5
4100	2050	2	8	-12	0	0	0
4100	2075	7	7	8	0	1	2
4100	2100	1	2	4	0	0	12
4100	2125	0	1	-11	-2	-3	18
4100	2150	4	2	-17	-10	-8	8
4100	2175	8	3	-17	-10	-8	0
4100	2200	13	4	-4	-10	-6	0
4100	2225	16	7	16	-10	-6	0
4100	2250	9	5	21	-10	-3	-5
4100	2275	4	2	7	-10	-10	0
4100	2300	0	-4	-13	-5	-8	17
4100	2325	6	-6	-28	-15	-18	12
4100	2350	11	-2	-33	-17	-21	-8
4100	2375	23	1	-22	-15	-22	-18
4100	2400	27	-4	-6	-9	-12	-19
4100	2425	29	2	19	-5	-21	-19
4100	2450	27	-4	31	0	-20	-22
4100	2475	10	-14	-12	5	-13	-27
4100	2500	15	-15	-39	12	-13	-18
4100	2525	34	0	-16	20	-8	5
4100	2550	30	7	-2	15	-9	16

		FACING:E (SEATTLE)			FACING: NE (ANNAPOLIS)		
NORTHING	EASTING	INPHASE	QUAD	FRASER FILTER	INPHASE	QUAD	FRASER FILTER
4100	2575	35	7	5	12	-8	14
4100	2600	31	4	2	7	-4	8
4100	2625	29	9	-14	6	-4	6
4100	2650	35	1	-20	5	-1	7
4100	2675	39	9	-21	2	0	-2
4100	2700	45	5	-19	2	-6	-15
4100	2725	50	5	-3	7	-6	-18
4100	2750	53	10	29	12	-3	-8
4100	2775	45	7	44	15	-1	14
4100	2800	29	4	27	12	-1	24
4100	2825	25	2	10	1	-2	9
4100	2850	22	3	9	2	-3	-3
4100	2875	22	1	18	2	0	-4
4100	2900	16	1	17	4	-1	-2
4100	2925	10	-4	10	4	-1	1
4100	2950	11	-4	5	4	-1	3
4100	2975	5	8		3	1	
4100	3000	11	9		2	-2	
4050	2000	9	4		-5	-6	
4050	2025	14	5	15	-5	-8	2
4050	2050	21	6	32	-5	-6	9
4050	2075	-13	3	-30	-7	-6	15
4050	2100	16	3	-44	-12	1	11
4050	2125	22	2	-14	-15	-5	3
4050	2150	25	5	-9	-15	-8	-5
4050	2175	27	9	-2	-15	-6	-10
4050	2200	29	8	11	-10	-6	-5
4050	2225	25	6	24	-10	-8	5
4050	2250	20	5	20	-10	-8	10
4050	2275	10	-3	-8	-15	-10	5
4050	2300	15	-2	-28	-15	-10	10
4050	2325	23	1	-25	-15	-11	15
4050	2350	30	5	-14	-25	-20	-9
4050	2375	33	-4	-6	-20	-18	-24
4050	2400	34	-4	-1	-11	-16	-15
4050	2425	35	-2	13	-10	-18	-15
4050	2450	33	-8	27	-6	-18	-18
4050	2475	23	-14	20	0	-8	-8
4050	2500	18	-13	8	2	-14	2
4050	2525	18	-7	-1	0	-18	2
4050	2550	15	-2	-13	0	-18	0
4050	2575	22	6	-14	0	-6	5
4050	2600	24	10	-9	0	-8	14
4050	2625	27	12	-6	-5	-8	12
4050	2650	28	8	-11	-9	-8	6
4050	2675	29	8	-22	-8	-8	1
4050	2700	37	8	-21	-12	-6	-14
4050	2725	42	6	-6	-6	-6	-18
4050	2750	45	4	15	0	-3	-6
4050	2775	40	10	34	0	-4	0
4050	2800	32	4	36	0	-3	-2

		FACING:E (SEATTLE)			FACING: NE (ANNAPOLIS)		
NORTHING	EASTING	INPHASE	QUAD	FRASER FILTER	INPHASE	QUAD	FRASER FILTER
4050	2825	19	1	22	0	-4	-3
4050	2850	17	1	15	2	-2	-1
4050	2875	12	-2	14	1	-4	-1
4050	2900	9	-5	7	2	-4	1
4050	2925	6	-7	9	2	-2	7
4050	2950	8	-1	7	0	-4	7
4050	2975	-2	2		-3	0	
4050	3000	9	9		-2	0	
4000	2000	-15	4		-5	0	
4000	2025	-10	5	-23	-10	-6	5
4000	2050	-4	6	-21	-10	-15	5
4000	2075	2	8	-7	-10	0	10
4000	2100	5	7	5	-15	0	6
4000	2125	0	4	-4	-15	-10	-9
4000	2150	2	3	-19	-16	-10	-19
4000	2175	7	5	-10	-5	-10	-5
4000	2200	14	10	17	-7	-6	7
4000	2225	5	2	16	-9	-4	1
4000	2250	-1	-3	-10	-10	-4	-4
4000	2275	4	0	-25	-7	-8	1
4000	2300	10	4	-18	-8	-4	10
4000	2325	18	5	-4	-10	-8	29
4000	2350	14	-3	0	-15	-8	22
4000	2375	18	5	0	-32	-22	-22
4000	2400	14	-3	-8	-15	-17	-27
4000	2425	18	-3	3	-10	-10	-7
4000	2450	22	0	0	-10	-20	-10
4000	2475	7	-12	-26	-8	-14	-19
4000	2500	33	-6	-6	-2	-15	-16
4000	2525	22	-11	11	3	-15	-2
4000	2550	24	-4	6	3	-18	6
4000	2575	20	-8	-6	0	-14	3
4000	2600	20	-6	-24	0	-12	-1
4000	2625	30	10	-20	0	-10	-1
4000	2650	34	12	-8	1	-6	-2
4000	2675	36	10	-4	0	-6	3
4000	2700	36	4	-9	3	-10	13
4000	2725	38	2	-18	-5	-9	3
4000	2750	43	5	-14	-5	-7	-10
4000	2775	49	11	11	0	-6	-7
4000	2800	46	4	34	0	-7	-2
4000	2825	35	5	28	2	-9	-13
4000	2850	26	2	10	0	-7	-25
4000	2875	27	-3	-8	15	2	-7
4000	2900	24	-5	-33	12	-2	5
4000	2925	37	-4	6	10	-3	5
4000	2950	47	4	43	12	-3	9
4000	2975	8	10		5	-2	
4000	3000	33	19		8	2	
3950	1875	-10	-2		-15	-2	

		FACING:E (SEATTLE)			FACING: NE (ANNAPOLIS)		
NORTHING	EASTING	INPHASE	QUAD	FRASER FILTER	INPHASE	QUAD	FRASER FILTER
3950	1900	-8	6	22	-15	-2	35
3950	1925	5	-10	57	-20	-2	37
3950	1950	2	-2	14	-20	-6	50
3950	1975	-7	10	18	-25	-8	63
3950	2000	3	10	-19	-40	-8	10
3950	2025	5	14	-12	-40	-8	-15
3950	2050	10	6	-3	-35	-6	-13
3950	2075	10	7	9	-30	-1	7
3950	2100	8	2	12	-32	-8	18
3950	2125	3	2	-5	-40	-10	8
3950	2150	3	0	-16	-40	-8	0
3950	2175	13	4	1	-40	-10	-10
3950	2200	9	4	1	-40	-8	0
3950	2225	6	8	-10	-30	-2	10
3950	2250	15	8	1	-50	-5	-17
3950	2275	10	10	-5	-30	-8	-17
3950	2300	10	-1	-11	-33	-10	-3
3950	2325	20	-1	4	-30	-10	-3
3950	2350	11	-3	-10	-30	-6	-5
3950	2375	15	-5	-35	-30	-6	-10
3950	2400	26	4	-9	-25	-5	5
3950	2425	35	3	36	-25	-15	15
3950	2450	15	-6	17	-35	-12	0
3950	2475	10	-10	-10	-30	-18	-22
3950	2500	23	-2	6	-30	-20	-44
3950	2525	12	-3	4	-13	-18	-30
3950	2550	15	-2	-4	-3	-8	9
3950	2575	16	-5	-1	-10	-14	10
3950	2600	15	-4	-6	-15	-10	-9
3950	2625	17	-2	-7	-8	-8	-7
3950	2650	20	1	-12	-8	-8	0
3950	2675	19	0	-25	-8	-8	0
3950	2700	30	-1	-21	-8	-5	-2
3950	2725	34	6	-3	-8	-7	-6
3950	2750	36	4	19	-6	-4	-10
3950	2775	31	2	29	-4	-2	-8
3950	2800	20	3	14	0	-3	3
3950	2825	18	8	1	-2	-3	3
3950	2850	19	10	7	-5	-4	-7
3950	2875	18	9	15	0	-1	-8
3950	2900	12	9	5	0	-2	-3
3950	2925	10	6	-7	3	-2	1
3950	2950	15	4	-1	0	-4	-1
3950	2975	14	-2		2	5	
3950	3000	12	3		2	5	
3900	1875	-3	-2		-20	-4	
3900	1900	-9	-7	8	-17	-6	28
3900	1925	-10	5	-9	-15	-5	42
3900	1950	-10	6	-31	-27	-6	30
3900	1975	0	12	-35	-30	-8	17
3900	2000	11	11	-13	-25	-2	-12

		FACING:E (SEATTLE)			FACING: NE (ANNAPOLIS)		
NORTHING	EASTING	INPHASE	QUAD	FRASER FILTER	INPHASE	QUAD	FRASER FILTER
3900	2025	14	6	10	-20	-2	3
3900	2050	10	3	21	-23	-5	22
3900	2075	5	6	22	-25	-8	32
3900	2100	-2	2	18	-40	-14	20
3900	2125	-5	4	3	-40	-13	5
3900	2150	-10	2	-15	-45	-14	0
3900	2175	0	4	-13	-40	-15	0
3900	2200	0	0	-17	-45	-15	-10
3900	2225	3	2	-36	-40	-12	-15
3900	2250	14	8	-27	-35	-5	-10
3900	2275	25	12	4	-35	-5	-10
3900	2300	19	6	14	-30	-5	-3
3900	2325	16	2	-4	-30	-8	2
3900	2350	14	-4	-25	-32	-4	-2
3900	2375	25	1	-21	-30	-10	-2
3900	2400	30	5	6	-30	-8	-5
3900	2425	30	4	25	-30	-8	0
3900	2450	19	-3	20	-25	-8	0
3900	2475	16	-6	12	-35	-12	-23
3900	2500	13	-10	9	-20	-14	-28
3900	2525	10	-8	-2	-17	-13	-10
3900	2550	10	-6	-6	-10	-12	5
3900	2575	15	-5	-1	-17	-12	3
3900	2600	11	-5	-3	-15	-15	-12
3900	2625	15	-2	-3	-15	-15	-25
3900	2650	14	0	-3	-5	-8	-25
3900	2675	15	-4	-4	0	-4	-15
3900	2700	17	1	-2	5	-5	-3
3900	2725	16	-1	-5	5	1	1
3900	2750	18	0	-8	3	-2	-4
3900	2775	20	-3	-4	6	-1	-1
3900	2800	22	-6	-2	6	-2	6
3900	2825	20	-2	-12	4	-1	11
3900	2850	24	0	-9	2	-2	10
3900	2875	30	1	16	-3	-2	-2
3900	2900	23	1	21	-1	2	-1
3900	2925	15	4	5	2	4	4
3900	2950	17	5	2	-5	-1	-5
3900	2975	16	7		2	6	
3900	3000	14	2		0	4	
3850	1825	-8	-1		-7	-4	
3850	1850	-4	5	1	-7	-5	47
3850	1875	-7	7	-11	-10	-7	63
3850	1900	-6	9	-36	-20	-8	77
3850	1925	6	9	-37	-13	-5	89
3850	1950	17	2	-14	-2	-3	97
3850	1975	20	5	8	-6	-7	106
3850	2000	17	7	15	-12	-8	30
3850	2025	12	8	21	-22	-6	27
3850	2050	10	10	35	-26	-6	32
3850	2075	-2	8		-35	-5	46

		FACING:E (SEATTLE)			FACING: NE (ANNAPOLIS)		
NORTHING	EASTING	INPHASE	QUAD	FRASER FILTER	INPHASE	QUAD	FRASER FILTER
3850	2100	-11	6		-45	-4	42
3850	2125				-62	-20	5
3850	2150				-60	-18	-8
3850	2175	-9	3		-52	-15	-5
3850	2200	-7	2	-13	-62	-10	19
3850	2225	-3	1	-24	-45	-13	20
3850	2250	0	1	-28	-88	-9	-60
3850	2275	14	9	-5	-39	-7	-58
3850	2300	11	5	7	-34	-3	1
3850	2325	8	3	-6	-35	-7	2
3850	2350	10	2	-15	-39	-10	-12
3850	2375	15	3	-13	-32	-10	-11
3850	2400	18	2	-5	-30	-6	-12
3850	2425	20	2	8	-30	-12	-16
3850	2450	18	1	17	-20	-4	-3
3850	2475	12	-5	16	-24	-5	9
3850	2500	9	-6	6	-23	-22	13
3850	2525	5	-6	4	-30	-18	5
3850	2550	10	-3	12	-30	-14	-2
3850	2575	0	-2	6	-28	-16	-11
3850	2600	3	6	-6	-30	-18	-25
3850	2625	1	10	-6	-17	-16	-29
3850	2650	8	10	-5	-16	-6	-32
3850	2675	2	-4	-18	-2	-2	-17
3850	2700	12	4	-27	1	-3	-1
3850	2725	16	1	-26	-2	0	-3
3850	2750	25	3	-16	2	-4	-4
3850	2775	29	4	0	0	-2	-9
3850	2800	28	5	5	4	3	-11
3850	2825	26	7	11	7	8	-2
3850	2850	26	8	29	8	6	6
3850	2875	17	-2	20	5	6	5
3850	2900	6	-6	-8	4	4	-1
3850	2925	17	0	9	4	5	6
3850	2950	14	2	31	6	8	14
3850	2975	0	4		-4	6	
3850	3000	11	18		-3	6	
3800	1800	-6	-3		21	2	
3800	1825	2	4	-33	21	1	19
3800	1850	20	8	5	15	-3	32
3800	1875	9	7	8	4	-6	13
3800	1900	8	5	-19	8	-2	20
3800	1925	13	8	-44	0	-3	12
3800	1950	23	4	-84	-2	-12	20
3800	1975	42	10	-83	-8	-5	-6
3800	2000	78	16	-8	-2	-9	16
3800	2025	70	19	53	-14	-6	1
3800	2050	58	12	52	-2	0	21
3800	2075	37	8	27	-12	2	-22
3800	2100	39	9	34	-15	2	22
3800	2125	29	15	53	-25	12	-38

		FACING:E (SEATTLE)			FACING: NE (ANNAPOLIS)		
NORTHING	EASTING	INPHASE	QUAD	FRASER FILTER	INPHASE	QUAD	FRASER FILTER
3800	2150	13	9	37	23	2	54
3800	2175	2	12	18	-24	3	59
3800	2200	3	9	12	-25	5	15
3800	2225	-6	-8	-16	-32	-2	17
3800	2250	-1	-5	-49	-35	-7	-5
3800	2275	14	4	-40	-32	-8	1
3800	2300	28	9	-7	-39	-6	-8
3800	2325	25	6	0	-30	-4	-15
3800	2350	24	2	-9	-29	-8	-12
3800	2375	29	6	-7	-33	-2	-17
3800	2400	29	2	-3	-25	-4	-24
3800	2425	31	2	3	-14	-1	1
3800	2450	30	-4	7	-20	-3	16
3800	2475	27	-6	5	-20	-8	20
3800	2500	27	-6	-10	-20	-1	22
3800	2525	25	-4	-12	-30	-11	20
3800	2550	39	4	14	-40	-13	-8
3800	2575	25	2	21	-32	-11	-12
3800	2600	25	8	24	-30	-12	3
3800	2625	18	3	32	-30	-10	0
3800	2650	8	-1	16	-35	-6	-5
3800	2675	3	-5	-10	-25	-14	-8
3800	2700	7	-3	-27	-35	-14	-38
3800	2725	14	-5	-37	-17	-5	-47
3800	2750	23	-6	-38	-5	-8	-27
3800	2775	35	-4	-27	0	2	-20
3800	2800	40	-5	-8	5	0	-10
3800	2825	45	1	7	10	3	5
3800	2850	38	0	16	5	1	7
3800	2875	40	-1	81	5	8	7
3800	2900	27	-4	55	3	6	3
3800	2925	-30	-5	-82	0	0	-5
3800	2950	42	10	-60	5	4	2
3800	2975	37	8		3	4	
3800	3000	35	24		0	4	
3750	1775	-4	9		-16	-2	
3750	1800	-2	8	-94	-15	0	30
3750	1825	-3	10	-61	-15	0	35
3750	1850	2	12	-43	-20	-4	30
3750	1875	20	15	-11	-25	-4	33
3750	1900	33	12	42	-20	-5	53
3750	1925	35	8	91	-35	-7	63
3750	1950	30	5	108	-38	-6	100
3750	1975	15	4	-8	-55	-8	60
3750	2000	25	10	-48	-80	-8	-65
3750	2025	33	7	-30	-35	-4	-58
3750	2050	55	7	32	-35	6	-31
3750	2075	33	5	46	-22	4	-25
3750	2100	23	6	23	-17	4	-10
3750	2125	19	10	31	-15	6	5
3750	2150	14	12	56	-14	4	24

		FACING:E (SEATTLE)			FACING: NE (ANNAPOLIS)		
NORTHING	EASTING	INPHASE	QUAD	FRASER FILTER	INPHASE	QUAD	FRASER FILTER
3750	2175	-3	6	54	-23	-2	33
3750	2200	-20	-1	10	-30	-2	25
3750	2225	-23	-8	-33	-40	-6	7
3750	2250	-10	-2	-40	-38	-6	0
3750	2275	0	0	-36	-39	-7	3
3750	2300	7	2	-30	-39	-6	-1
3750	2325	19	2	-6	-41	-12	-11
3750	2350	18	5	9	-36	-6	-11
3750	2375	14	1	2	-33	-2	-6
3750	2400	14	-1	-6	-33	-6	-6
3750	2425	16	1	-2	-30	-5	-3
3750	2450	18	3	2	-30	-7	2
3750	2475	14	-1	-3	-30	-8	9
3750	2500	18	-5	-2	-32	-12	15
3750	2525	17	0	1	-37	-14	21
3750	2550	17	0	2	-40	-14	11
3750	2575	17	4	7	-50	-16	-7
3750	2600	15	8	17	-38	-10	-2
3750	2625	12	10	29	-45	-12	-1
3750	2650	3	4	30	-41	-10	-6
3750	2675	-5	0	18	-41	-14	2
3750	2700	-10	-1	1	-39	-12	10
3750	2725	-10	-2	-13	-45	-15	4
3750	2750	-6	-3	-23	-45	-18	-12
3750	2775	-1	-5	-36	-43	-14	-23
3750	2800	8	-10	-39	-35	-12	-23
3750	2825	21	-8	-15	-30	-12	-22
3750	2850	25	0	12	-25	-12	-19
3750	2875	19	5	4	-18	-6	-3
3750	2900	15	2	-13	-18	-2	1
3750	2925	25	12	-12	-22	-4	-15
3750	2950	22	7	-2	-15	-8	-12
3750	2975	30	18		-10	0	
3750	3000	19	18		-15	0	
3700	1800	0	3		-16	4	
3700	1825	4	5	-16	-10	-2	-10
3700	1850	8	10	-32	-7	-2	-4
3700	1875	12	12	-64	-9	0	-6
3700	1900	32	13	-64	-4	-1	1
3700	1925	52	13	-13	-6	0	12
3700	1950	56	3	39	-8	-8	15
3700	1975	41	5	46	-14	3	15
3700	2000	28	2	14	-15	4	38
3700	2025	23	6	-28	-22	6	53
3700	2050	32	4	-42	-45	4	9
3700	2075	47	8	0	-45	5	-49
3700	2100	50	6	32	-31	-4	-64
3700	2125	29	6	23	-10	4	-27
3700	2150	36	15	44	-2	8	15
3700	2175	20	8	75	-12	0	21
3700	2200	1	2	44	-15	2	8

		FACING:E (SEATTLE)			FACING: NE (ANNAPOLIS)		
NORTHING	EASTING	INPHASE	QUAD	FRASER FILTER	INPHASE	QUAD	FRASER FILTER
3700	2225	-20	-8	-25	-20	-4	-3
3700	2250	-3	-3	-47	-15	-3	3
3700	2275	9	0	-29	-17	-3	13
3700	2300	15	2	-20	-21	-3	12
3700	2325	20	1	-14	-24	-6	12
3700	2350	24	0	-8	-26	-5	6
3700	2375	25	-2	-4	-31	-6	-10
3700	2400	27	0	-8	-25	-2	-17
3700	2425	26	0	-13	-22	-8	-15
3700	2450	34	5	3	-17	-7	11
3700	2475	32	10	16	-15	-6	41
3700	2500	25	-6	6	-35	-14	23
3700	2525	25	-1	-2	-38	-20	-3
3700	2550	26	5	1	-35	-16	7
3700	2575	26	4	4	-35	-16	0
3700	2600	24	6	8	-45	-14	-35
3700	2625	24	10	16	-25	-4	-30
3700	2650	18	6	18	-20	-5	4
3700	2675	14	4	21	-20	-4	34
3700	2700	10	0	18	-29	-8	38
3700	2725	1	-11	-6	-45	-12	6
3700	2750	5	-11	-35	-42	-16	-17
3700	2775	12	-12	-56	-38	-12	-19
3700	2800	29	-6	-42	-32	-12	-21
3700	2825	44	2	-1	-29	-8	-22
3700	2850	39	4	8	-20	-12	-15
3700	2875	35	12	3	-19	-10	-18
3700	2900	40	8	16	-15	-7	-21
3700	2925	31	4	3	-6	-4	-7
3700	2950	28	-5	-18	-7	-5	-9
3700	2975	40	11		-7	-4	
3700	3000	37	7		3	-4	
3650	1800	-65	-7		-4	-9	
3650	1825	-7	8	-86	-5	-4	16
3650	1850	7	10	-17	-10	-2	20
3650	1875	7	10	-35	-15	-2	13
3650	1900	10	10	-81	-20	-4	-9
3650	1925	39	13	-54	-18	-5	-19
3650	1950	59	6	24	-8	-6	-1
3650	1975	44	0	45	-11	-6	9
3650	2000	30	0	18	-14	-6	9
3650	2025	28	1	8	-14	-3	10
3650	2050	28	4	14	-20	-2	-4
3650	2075	22	6	12	-18	0	-8
3650	2100	20	5	7	-12	0	3
3650	2125	18	8	13	-18	-2	5
3650	2150	17	12	42	-15	0	12
3650	2175	8	12	76	-20	-2	9
3650	2200	-15	6	52	-25	0	-5
3650	2225	-36	-2	-18	-19	-2	2
3650	2250	-23	0	-47	-21	-4	10

		FACING:E (SEATTLE)			FACING: NE (ANNAPOLIS)		
NORTHING	EASTING	INPHASE	QUAD	FRASER FILTER	INPHASE	QUAD	FRASER FILTER
3650	2275	-10	4	-39	-25	-6	4
3650	2300	-2	2	-32	-25	-6	-2
3650	2325	8	2	-21	-25	-8	3
3650	2350	12	0	-6	-23	-8	16
3650	2375	15	-2	6	-30	-7	16
3650	2400	11	1	3	-34	-8	11
3650	2425	10	0	-14	-35	-8	16
3650	2450	13	3	-21	-40	-14	2
3650	2475	22	8	-2	-45	-19	-23
3650	2500	22	2	14	-32	-12	-17
3650	2525	15	-4	8	-30	-6	-7
3650	2550	15	0	1	-30	-2	-7
3650	2575	14	2	-1	-25	-6	0
3650	2600	15	8	6	-28	-6	-1
3650	2625	15	8	16	-27	-6	-8
3650	2650	8	8	13	-25	-4	-3
3650	2675	6	6	15	-22	-6	18
3650	2700	4	8	29	-27	0	49
3650	2725	-5	-2	14	-38	-4	55
3650	2750	-14	-16	-23	-60	-12	17
3650	2775	-1	-12	-33	-60	-10	-13
3650	2800	5	-8	-27	-55	-17	-14
3650	2825	13	0	-18	-52	-15	-20
3650	2850	18	6	-1	-49	-10	-41
3650	2875	18	8	6	-38	-10	-48
3650	2900	14	1	-2	-22	-6	-28
3650	2925	16	-4	-8	-17	-5	-20
3650	2950	18	-2	-10	-15	-8	-22
3650	2975	20	0		-4	-2	
3650	3000	24	13		-6	-3	
3600	1775	-44	-6		0	-15	
3600	1800	13	7	-70	-5	-10	-6
3600	1825	18	6	-20	-1	-6	-13
3600	1850	21	8	-51	2	-8	-12
3600	1875	30	10	-69	5	-6	-4
3600	1900	60	13	-17	8	-8	7
3600	1925	60	0	32	3	-8	8
3600	1950	47	-7	26	3	-6	7
3600	1975	41	-7	8	0	-14	5
3600	2000	40	0	5	-1	-10	1
3600	2025	40	1	10	-1	-8	-3
3600	2050	36	2	9	-1	-6	1
3600	2075	34	6	0	2	-4	8
3600	2100	33	5	6	-5	-8	4
3600	2125	37	15	41	-2	-6	8
3600	2150	24	6	66	-5	-5	18
3600	2175	5	8	61	-10	-4	22
3600	2200	-10	4	15	-15	-4	12
3600	2225	-22	-2	-46	-22	-10	-7
3600	2250	2	1	-52	-15	-6	-7
3600	2275	12	0	-29	-15	-6	0

		FACING:E (SEATTLE)			FACING: NE (ANNAPOLIS)		
NORTHING	EASTING	INPHASE	QUAD	FRASER FILTER	INPHASE	QUAD	FRASER FILTER
3600	2300	20	4	28	-15	-9	-44
3600	2325	23	-3	82	-15	-8	-86
3600	2350	-19	-2	44	29	5	-43
3600	2375	-20	-2	0	27	6	-15
3600	2400	-20	-4	-6	30	8	-17
3600	2425	-19	-5	-10	41	8	12
3600	2450	-15	3	-7	33	1	25
3600	2475	-14	4	-5	26	3	11
3600	2500	-13	6	-3	23	3	-4
3600	2525	-11	4	4	25	6	-6
3600	2550	-13	3	-1	28	2	4
3600	2575	-15	-3	-14	26	3	14
3600	2600	-8	-4	-14	23	2	18
3600	2625	-6	-8	-7	17	0	16
3600	2650	-3	-9	0	14	0	9
3600	2675	-4	-9	-1	10	2	23
3600	2700	-5	-6	-19	12	2	53
3600	2725	-1	-1	-26	-11	-3	34
3600	2750	11	-4	-12	-20	5	7
3600	2775	9	-8	-1	-13	-2	12
3600	2800	13	-12	1	-25	-2	2
3600	2825	8	-8	-6	-20	-3	-13
3600	2850	13	-6	-10	-20	-4	-23
3600	2875	14	-9	-13	-12	-2	-20
3600	2900	17	-9	-19	-5	-3	-22
3600	2925	23	-11	-32	-7	-3	-39
3600	2950	27	-10	-43	12	-3	-20
3600	2975	45	4		15	-4	
3600	3000	48	12		10	-4	
3550	1775						
3550	1800	-25	5		-20	-2	
3550	1825	3	10	-32	-18	-9	-20
3550	1850	2	8	-53	-10	-8	-18
3550	1875	8	6	-80	-8	-8	-13
3550	1900	50	10	-15	-2	-5	-1
3550	1925	40	-4	29	-3	-9	16
3550	1950	33	-8	25	-6	-10	31
3550	1975	28	-4	23	-15	-12	19
3550	2000	20	0	11	-25	-12	5
3550	2025	18	4	0	-15	-7	5
3550	2050	19	8	0	-30	-12	-5
3550	2075	19	10	2	-15	-12	-4
3550	2100	18	12	14	-25	-8	-9
3550	2125	18	12	33	-16	-6	-11
3550	2150	5	13	33	-15	-6	1
3550	2175	-2	12	26	-15	-2	8
3550	2200	-8	8	17	-17	-2	9
3550	2225	-15	-4	-13	-21	-5	0
3550	2250	-12	0	-41	-20	-5	-5
3550	2275	2	2	-39	-18	-8	-5
3550	2300	12	2	20	-18	-6	-5

		FACING:E (SEATTLE)			FACING: NE (ANNAPOLIS)		
NORTHING	EASTING	INPHASE	QUAD	FRASER FILTER	INPHASE	QUAD	FRASER FILTER
3550	2325	17	2	14	-15	-6	4
3550	2350	-23	0	-69	-16	-8	10
3550	2375	38	4	-26	-21	-8	-2
3550	2400	25	2	33	-20	-8	-9
3550	2425	16	-6	12	-15	-4	-8
3550	2450	14	-6	-3	-17	-2	-9
3550	2475	15	-7	-6	-10	2	7
3550	2500	18	-4	-1	-13	-2	18
3550	2525	17	-4	6	-21	-6	3
3550	2550	17	-3	24	-20	-3	-9
3550	2575	12	0	32	-17	-4	-13
3550	2600	-2	0	7	-15	0	-17
3550	2625	-1	6	-10	-9	1	-14
3550	2650	4	10	1	-6	0	-6
3550	2675	3	7	7	-4	0	1
3550	2700	-1	1	2	-5	1	5
3550	2725	1	-2	3	-6	0	8
3550	2750	-1	-6	3	-8	0	7
3550	2775	-2	-10	-2	-11	0	3
3550	2800	-1	-10	-5	-10	2	0
3550	2825	0	-12	-11	-12	0	-3
3550	2850	2	-15	-16	-9	0	-8
3550	2875	8	-12	-35	-10	2	-13
3550	2900	10	-9	-63	-3	0	-6
3550	2925	35	0	-51	-3	-4	3
3550	2950	46	12	-10	-4	-7	3
3550	2975	50	18		-5	-8	
3550	3000	41	18		-5	-12	
3500	1775	42	-18		0	-8	
3500	1800	0	10	6	7	-12	11
3500	1825	19	10	-23	3	-10	27
3500	1850	17	4	-23	-7	-16	13
3500	1875	25	4	-34	-10	-17	-7
3500	1900	34	5	-43	-7	-14	-27
3500	1925	42	4	-74	-3	-12	-50
3500	1950	60	4	-60	13	-6	-38
3500	1975	90	3	29	27	-8	11
3500	2000	72	13	81	21	-12	40
3500	2025	49	0	52	8	-12	35
3500	2050	32	2	13	0	-13	12
3500	2075	37	7	17	-6	-13	-10
3500	2100	31	12	27	2	-16	-10
3500	2125	21	12	45	2	-12	-8
3500	2150	20	15	52	4	-9	-9
3500	2175	-13	8	0	8	-6	0
3500	2200	2	14	-25	7	-9	2
3500	2225	5	2	-18	5	-6	3
3500	2250	9	1	-32	8	14	6
3500	2275	16	0	-37	1	-4	2
3500	2300	30	4	-21	6	-6	6
3500	2325	32	3	-21	1	7	7

		FACING:E (SEATTLE)			FACING: NE (ANNAPOLIS)		
NORTHING	EASTING	INPHASE	QUAD	FRASER FILTER	INPHASE	QUAD	FRASER FILTER
3500	2350	35	5	-23	0	-12	-4
3500	2375	48	4	13	0	-8	2
3500	2400	42	0	81	5	-4	23
3500	2425	28	-8	64	-7	-8	22
3500	2450	-19	-8	-51	-11	-3	2
3500	2475	25	-7	-61	-13	-17	-12
3500	2500	35	-4	1	-7	-4	-8
3500	2525	32	-2	23	-5	0	-1
3500	2550	27	-4	35	-7	-6	-8
3500	2575	17	-2	32	-4	-8	-11
3500	2600	7	0	19	0	6	-9
3500	2625	5	6	5	0	-2	-10
3500	2650	0	4	-8	5	2	-5
3500	2675	7	6	-10	5	10	2
3500	2700	6	1	12	5	0	15
3500	2725	11	1	15	3	1	12
3500	2750	-10	-6	0	-8	1	-1
3500	2775	12	-12	0	4	8	-3
3500	2800	-11	-11	-28	-8	0	-18
3500	2825	13	-15	-30	7	2	-12
3500	2850	16	-16	-12	7	1	6
3500	2875	16	-13	-32	4	-2	6
3500	2900	25	-6	-70	4	-1	5
3500	2925	39	13	-75	1	-8	0
3500	2950	72	20	-16	2	-6	-2
3500	2975	67	16		3	-8	
3500	3000	60	22		2	-12	

LINE CODE	ST. CODE	STATION N	FACING: E (SEATTLE) INPHASE	QUAD	FRASER FILTER	FACING: N (ANNAPOLIS) INPHASE	QUAD	FRASER FILTER
A	43	4300	-17	-2		20	5	
A		4313	-31	-6	12	17	-2	7
A	42	4325	-30	-4	-6	15	2	2
A		4338	-30	-3	-14	15	4	-5
A	41	4350	-25	0	-16	15	1	-15
A		4363	-21	6	-16	20	0	-16
A	40	4375	-18	14	-9	25	-2	-3
A		4388	-12	16	17	26	0	-5
A	39	4400	-18	16	34	22	-2	-20
A		4413	-29	9	14	34	3	-38
A	38	4425	-35	10	-13	34	5	-32
A		4438	-26	13	-17	60	-4	30
A	37	4450	-25	15	-7	40	9	50
A		4463	-19	10	8	24	6	28
A	36	4475	-25	10	11	26	6	30
A		4488	-27	4	6	10	3	16
A	35	4500	-28	4	7	10	3	0
A		4513	-30	0	3	10	2	-3
A	34	4525	-32	-2	-8	10	8	-18
A		4538	-29	-6	-20	13	6	-26
A	33	4550	-25	-4	-22	25	2	-12
A		4563	-16	-6	-13	24	6	-9
A	32	4575	-16	-4	-10	26	9	-13
A		4588	-12	-5	-4	32	7	-2
A	31	4600	-10	-8	8	31	4	4
A		4613	-14	-8	8	29	4	4
A	30	4625	-16	-6	1	30	1	8
A		4638	-16	-8	3	26	1	14
A	29	4650	-15	-8	9	25	-10	-6
A		4663	-20	-9	2	17	-6	-33
A	28	4675	-20	-14	-5	40	-16	-18
A		4688	-17	-10	-1	35	-6	-8
A	27	4700	-18	-13	5	40	-6	-18
A		4713	-18	-11	7	43	-13	-1
A	26	4725	-22	-16	6	50	-11	19
A		4738	-21	-13	14	34	-5	8
A	25	4750	-25	-14	8	40	-8	1
A		4763	-32	-15	-8	36	0	2
A	24	4775	-22	-15	-3	37	2	8
A		4788	-27	-12	2	37	0	6
A	23	4800	-24	-13	4	28	9	-10
A		4813	-27	-15	12	40	8	3
A	22	4825	-28	-13	14	35	12	15
A		4838	-35	-14	1	30	10	-25
A	21	4850	-34	-12	-8	30	9	-30
A		4863	-30	-14	-2	60	16	30
A	20	4875	-31	-6	14	30	10	55
A		4888	-31	-4	37	30	18	65
A	19	4900	-44	-2	25	5	13	45
A		4913	-55	-10	-13	-10	8	-10
A	18	4925	-45	-8	-21	0	10	-21
A		4938	-41	-4	-13	5	11	-15

LINE CODE	ST. CODE	STATION N	FACING: E (SEATTLE) INPHASE	QUAD	FRASER FILTER	FACING: N (ANNAPOLIS) INPHASE	QUAD	FRASER FILTER
A	17	4950	-38	-6	-14	6	14	-21
A		4963	-35	-2	-13	14	14	-24
A	16	4975	-30	-4	-1	18	19	-14
A		4988	-30	-2	4	26	18	44
A	15	5000	-34	-4	-3	20	12	101
A		5013	-30	-6	0	-20	-18	60
A	1	5025	-31	-7	5	-35	-1	-30
A		5038	-33	-8	3	-25	-2	-40
A	2	5050	-33	-7	3	0	20	20
A		5063	-34	-10	8	-20	14	25
A	3	5075	-35	-10	11	-25	-8	-1
A		5088	-40	-15	7	-20	-3	4
A	4	5100	-40	-14	1	-24	20	1
A		5113	-42	-14	-1	-25	1	-9
A	5	5125	-39	-12	2	-20	-10	-5
A		5138	-42	-14	-1	-20	-18	2
A	6	5150	-41	-14	-2	-20	-8	10
A		5163	-39	-12	2	-22	-20	11
A	7	5175	-42	-12	-2	-28	-8	-3
A		5188	-40	-13	1	-25	4	-5
A	8	5200	-39	-12	5	-22	-4	5
A		5213	-44	-12	-3	-26	-8	13
A	9	5225	-40	-14	-6	-26	-6	2
A		5238	-40	-14	2	-35	-19	-6
A	10	5250	-38	-12	7	-19	-13	22
A		5263	-44	-12	0	-36	-22	20
A	11	5275	-41	-12	-4	-40	-12	-11
A		5288	-41	-10	-1	-35	-16	-3
A	12	5300	-40	-10	1	-30	-11	9
A		5313	-41	-8	-1	-42	-18	-10
A	13	5325	-41	-8	-8	-32	-2	-9
A		5338	-39	-2		-30	0	
A	14	5350	-35	-2		-35	-3	
B	38	4400	-14	11		0	0	
B		4413	-14	8	-18	1	2	-14
B	37	4425	-10	8	-28	5	6	-23
B		4438	0	4	-30	10	-5	-24
B	36	4450	4	10	-17	19	4	-21
B		4463	16	-4	3	20	-20	-16
B	35	4475	5	-21	-21	30	-20	-30
B		4488	12	-20	-53	25	-18	-40
B	34	4500	30	-18	-38	55	-16	-7
B		4513	40	-15	5	40	-16	13
B	33	4525	40	-10	32	47	-23	20
B		4538	25	-10	20	35	-10	19
B	32	4550	23	-9	25	32	-4	6
B		4563	22	-7	48	31	-8	-1
B	31	4575	1	-8	33	30	-9	-11
B		4588	-4	-13	0	34	6	-17
B	30	4600	-6	-6	-14	38	-6	-6
B		4613	3	0	-11	43	-16	1

LINE CODE	ST. CODE	STATION N	FACING: E (SEATTLE) INPHASE	QUAD	FRASER FILTER	FACING: N (ANNAPOLIS) INPHASE	QUAD	FRASER FILTER
B	29	4625	1	0	-6	35	-12	-7
B		4638	7	-2	4	45	-16	-2
B	28	4650	3	-6	0	40	-12	-12
B		4663	1	-9	-30	42	-12	-38
B	27	4675	9	-10	-22	55	-16	-9
B		4688	25	-4	26	65	-10	75
B	26	4700	7	-14	34	41	-6	70
B		4713	1	-12	5	4	-2	-22
B	25	4725	-3	-6	-16	32	10	-39
B		4738	6	-6	-4	35	8	-23
B	24	4750	8	-2	24	40	6	-28
B		4763	-1	-2	34	50	12	-18
B	23	4775	-9	-2	27	53	16	-12
B		4788	-18	-6	11	55	21	-2
B	22	4800	-19	-6	0	60	21	43
B		4813	-19	4	1	50	23	62
B	21	4825	-18	-2	5	22	24	28
B		4838	-21	0	5	26	10	16
B	20	4850	-21	1	10	18	13	17
B		4863	-23	2	14	14	14	10
B	19	4875	-29	-4	14	13	16	9
B		4888	-29	-3	14	9	15	-6
B	18	4900	-37	-8	0	9	14	-15
B		4913	-35	-2	-9	19	18	1
B	17	4925	-31	-4	1	14	16	5
B		4938	-32	-4	5	13	14	-5
B	16	4950	-35	-4	5	15	19	-6
B		4963	-33	-4	6	17	14	-3
B	15	4975	-39	-5		17	15	
B		4988	-35	-5		18	16	
B	14	5000						
B		5013						
B	13	5025	-35	-7		22	18	
B		5038	-34	-6	0	13	18	-10
B	12	5050	-35	-8	1	25	16	
B		5063	-34	-9	-3	20	12	
B	11	5075	-36	-10	-5			
B		5088	-30	-11	8			
B	10	5100	-35	-14	19			
B		5113	-39	-14	14			
B	9	5125	-45	-20	0			
B		5138	-43	-20	-8			
B	8	5150	-41	-22	-7			
B		5163	-39	-20	-11			
B	7	5175	-38	-20	-22			
B		5188	-31	-16	-23			
B	6	5200	-24	-12	-9			
B		5213	-22	-10	7			
B	5	5225	-24	-10	16			
B		5238	-29	-10	11			
B	4	5250	-33	-17	0			
B		5263	-31	-18	-9			

LINE CODE	ST. CODE	STATION N	FACING: E (SEATTLE) INPHASE	QUAD	FRASER FILTER	FACING: N (ANNAPOLIS) INPHASE	QUAD	FRASER FILTER
B	3	5275	-31	-16	-2			
B		5288	-24	-4	38			
B	2	5300	-36	-8	59			
B		5313	-57	-16				
B	1	5325	-62	-6				
C	18	4575	2	12		-4	3	
C		4588	0	6	-4	-25	2	-23
C	17	4600	0	2	-12	0	0	-14
C		4613	6	4	-8	-6	6	4
C	16	4625	6	4	-3	-5	2	-1
C		4638	8	4	5	-5	2	5
C	15	4650	7	4	17	-5	0	14
C		4663	2	6	20	-10	6	11
C	14	4675	-4	6	8	-14	4	-7
C		4688	-7	12	-17	-12	1	-36
C	13	4700	-3	11	-35	-5	-5	-62
C		4713	9	12	-25	15	2	-49
C	12	4725	16	11	-4	30	8	-14
C		4738	15	8	11	29	-4	0
C	11	4750	14	4	22	30	1	-5
C		4763	6	0	17	29	3	-13
C	10	4775	1	-6	0	35	6	-13
C		4788	2	-8	-16	37	8	-13
C	9	4800	5	-2	-24	40	10	-13
C		4813	14	0	-13	45	16	0
C	8	4825	17	3	11	45	10	25
C		4838	15	0	31	40	22	35
C	7	4850	5	0	39	25	12	28
C		4863	-4	2	37	25	17	28
C	6	4875	-15	0	21	12	20	17
C		4888	-21	-2	-1	10	18	-3
C	5	4900	-19	-2	-6	10	22	-11
C		4913	-16	2	12	15	24	-5
C	4	4925	-18	3	25	16	22	0
C		4938	-29	-2	14	14	18	-1
C	3	4950	-30	-6	4	17	22	4
C		4963	-31	-6	1	14	16	3
C	2	4975	-32	-4	-3	13	16	-5
C		4988	-30	-4		15	24	
C	1	5000	-30	4		17	9	

		FACING: NE (CUTLER)			FACING: E (SEATTLE)		
LINE	STATION	INPHASE	QUAD	FRASER FILTER	INPHASE	QUAD	FRASER FILTER
300 N	375.0 E	-90	1	75	-20	12	0
300 N	387.5 E	-90	-4	110	-50	34	100
300 N	400.0 E	-140	0	70	-40	10	190
300 N	412.5 E	-150	-20	10	-130	-8	130
300 N	425.0 E	-150	-15	0	-150	-10	20
300 N	437.5 E	-150	-6	0	-150	-2	-50
300 N	450.0 E	-150	-18	0	-150	2	-50
300 N	462.5 E	-150	-24		-100	44	
300 N	475.0 E	-150	-26		-150	-28	
350 N	375.0 E	2	12		-5	5	
350 N	387.5 E	-3	12	11	-4	10	-5
350 N	400.0 E	-2	8	17	1	9	10
350 N	412.5 E	-10	13	12	-5	12	14
350 N	425.0 E	-12	7	-5	-8	10	7
350 N	437.5 E	-12	8	-9	-10	14	3
350 N	450.0 E	-5	15	9	-10	14	2
350 N	462.5 E	-10	25	21	-11	38	8
350 N	475.0 E	-16	18	29	-11	20	35
350 N	487.5 E	-20	15	51	-18	18	66
350 N	500.0 E	-35	10	62	-39	-2	54
350 N	512.5 E	-52	7	60	-56	22	48
350 N	525.0 E	-65	1	115	-55	10	97
350 N	537.5 E	-82	-1	153	-88	-6	127
350 N	550.0 E	-150	-10	68	-120	-10	92
350 N	562.5 E	-150	-20		-150	-15	
350 N	575.0 E	-150	-23		-150	-26	
400 N	100.0 E	21	-3		-7	-10	
400 N	112.5 E	20	-2	5	-9	-12	1
400 N	125.0 E	18	-1	0	-7	-14	2
400 N	137.5 E	18	-2	0	-10	-18	-4
400 N	150.0 E	20	0	2	-8	-18	-14
400 N	162.5 E	16	-8	-4	-5	-18	-13
400 N	175.0 E	20	1	-8	1	-14	-8
400 N	187.5 E	20	-1	-4	-1	-16	-12
400 N	200.0 E	24	0	7	5	-14	-14
400 N	212.5 E	20	-2	2	7	-12	-13
400 N	225.0 E	17	6	-13	11	-10	-11
400 N	237.5 E	25	4	-7	14	-6	-2
400 N	250.0 E	25	6	8	15	-3	6
400 N	262.5 E	24	7	9	12	0	7
400 N	275.0 E	18	6	0	11	0	5
400 N	287.5 E	22	13	-1	9	0	5
400 N	300.0 E	20	14	1	9	2	1
400 N	312.5 E	21	14	6	6	5	-8
400 N	325.0 E	20	18	11	11	10	-10
400 N	337.5 E	15	18	7	12	12	1
400 N	350.0 E	15	14	11	15	14	15
400 N	362.5 E	13	9	15	7	7	12
400 N	375.0 E	6	7	6	5	0	3
400 N	387.5 E	7	12	-2	5	6	0
400 N	400.0 E	6	14	-1	4	20	-2
400 N	412.5 E	9	18	4	6	15	0

LINE	STATION	FACING: NE (CUTLER) INPHASE	QUAD	FRASER FILTER	FACING: E (SEATTLE) INPHASE	QUAD	FRASER FILTER
400 N	425.0 E	5	16	1	5	29	2
400 N	437.5 E	6	14	-4	5	22	1
400 N	450.0 E	7	14	0	4	20	-5
400 N	462.5 E	8	17	14	5	18	5
400 N	475.0 E	5	22	30	9	32	34
400 N	487.5 E	-4	10	-1	-5	18	9
400 N	500.0 E	-13	8	-42	-15	8	-35
400 N	512.5 E	15	13	-6	10	-4	-11
400 N	525.0 E	10	26	39	5	6	17
400 N	537.5 E	-2	26	34	1	20	15
400 N	550.0 E	-12	12	21	-3	18	13
400 N	562.5 E	-14	5	21	-6	10	15
400 N	575.0 E	-21	1	18	-9	11	19
400 N	587.5 E	-26	2		-15	6	
400 N	600.0 E	-27	0		-19	3	
450 N	375.0 E	21	11		15	4	
450 N	387.5 E	25	14	22	15	-18	9
450 N	400.0 E	17	11	23	16	-1	20
450 N	412.5 E	7	14	-3	5	11	11
450 N	425.0 E	12	12	-17	6	-10	-8
450 N	437.5 E	15	16	-9	4	-6	-1
450 N	450.0 E	21	16	6	15	8	28
450 N	462.5 E	15	14	8	-4	-2	20
450 N	475.0 E	15	16	11	-5	-2	-1
450 N	487.5 E	13	14	17	-4	-2	-5
450 N	500.0 E	6	18	16	-4	0	-7
450 N	512.5 E	5	18	23	0	-2	2
450 N	525.0 E	-2	18	38	-1	6	24
450 N	537.5 E	-10	16	0	-5	8	-10
450 N	550.0 E	-25	18	-77	-20	12	-109
450 N	562.5 E	13	4	-61	24	-2	-101
450 N	575.0 E	29	32	8	60	-16	7
450 N	587.5 E	20	12	29	45	-12	53
450 N	600.0 E	14	6	26	32	-7	43
450 N	612.5 E	6	1	16	20	-4	30
450 N	625.0 E	2	-1		14	-5	
450 N	637.5 E	2	0		8	-8	
500 N	100.0 E	23	-6		-3	-14	
500 N	112.5 E	38	-7	-7	-3	-16	-14
500 N	125.0 E	32	0	-1	2	-14	-12
500 N	137.5 E	36	-7	-1	6	-16	-4
500 N	150.0 E	35	1	5	5	-14	-6
500 N	162.5 E	34	4	13	7	-10	-8
500 N	175.0 E	32	3	17	10	-8	1
500 N	187.5 E	24	12	8	10	-3	14
500 N	200.0 E	25	2	8	6	-4	14
500 N	212.5 E	23	4	12	0	-6	4
500 N	225.0 E	18	6	4	2	-8	0
500 N	237.5 E	18	2	-3	0	-7	-8
500 N	250.0 E	19	2	-2	2	-5	-8
500 N	262.5 E	20	4	1	8	-4	6
500 N	275.0 E	19	6	-2	2	-5	9

LINE	STATION	FACING: NE (CUTLER) INPHASE	QUAD	FRASER FILTER	FACING: E (SEATTLE) INPHASE	QUAD	FRASER FILTER
500 N	287.5 E	19	12	-7	2	-3	3
500 N	300.0 E	22	2	-2	-1	-2	-1
500 N	312.5 E	23	14	5	2	-1	0
500 N	325.0 E	20	11	1	0	2	2
500 N	337.5 E	20	10	-10	1	2	2
500 N	350.0 E	22	6	-11	-1	2	0
500 N	362.5 E	28	7	5	0	4	-1
500 N	375.0 E	25	9	13	0	1	5
500 N	387.5 E	20	6	5	0	2	12
500 N	400.0 E	20	7	5	-5	-2	7
500 N	412.5 E	20	15	6	-7	-4	-1
500 N	425.0 E	15	10	8	-5	-2	-1
500 N	437.5 E	19	9	31	-6	-4	-2
500 N	450.0 E	8	16	36	-5	-1	-2
500 N	462.5 E	-5	-2	11	-4	-1	1
500 N	475.0 E	-4	-2	0	-5	-2	4
500 N	487.5 E	-4	-5	4	-5	-3	4
500 N	500.0 E	-5	0	6	-8	-4	2
500 N	512.5 E	-7	-2	5	-6	-8	4
500 N	525.0 E	-8	-7	-6	-9	-9	-6
500 N	537.5 E	-9	-9	-30	-9	-12	-27
500 N	550.0 E	0	-9	-46	0	-9	-44
500 N	562.5 E	13	-11	112	9	-9	123
500 N	575.0 E	24	-9	208	26	-12	225
500 N	587.5 E	-123	18	-56	-140	18	-22
500 N	600.0 E	-48	10	-167	-50	16	-103
500 N	612.5 E	5	14	-9	-42	13	-2
500 N	625.0 E	-9	20	65	-45	13	13
500 N	637.5 E	-25	11		-45	13	
500 N	650.0 E	-44	2		-55	24	
550 N	375.0 E	-3	2		-3	2	
550 N	387.5 E	0	2	9	0	4	10
550 N	400.0 E	-4	-4	12	-6	1	6
550 N	412.5 E	-8	1	3	-7	0	-3
550 N	425.0 E	-8	0	-24	-5	0	-1
550 N	437.5 E	-7	1	-37	-5	0	1
550 N	450.0 E	15	10	-14	-6	-1	-1
550 N	462.5 E	7	10	-6	-5	-2	-5
550 N	475.0 E	15	7	-6	-5	-2	-10
550 N	487.5 E	13	5	-6	-1	1	-2
550 N	500.0 E	15	5	-11	1	2	13
550 N	512.5 E	19	10	-11	-5	-5	16
550 N	525.0 E	20	18	-4	-8	-8	10
550 N	537.5 E	25	18	8	-12	-12	-4
550 N	550.0 E	18	22	14	-11	-9	-17
550 N	562.5 E	19	22	16	-5	-10	-16
550 N	575.0 E	10	21	18	-1	-6	-9
550 N	587.5 E	11	21	29	1	-6	-6
550 N	600.0 E	0	20	39	2	-8	-16
550 N	612.5 E	-8	18	-104	4	-9	119
550 N	625.0 E	-20	10	-167	15	-12	200
550 N	637.5 E	116	12	78	-128	14	-26
550 N	650.0 E	23	22	157	-53	8	-102

LINE	STATION	FACING: NE (CUTLER) INPHASE	QUAD	FRASER FILTER	FACING: E (SEATTLE) INPHASE	QUAD	FRASER FILTER
550 N	662.5 E	-5	15		-34	12	
550 N	675.0 E	-13	21		-45	14	
600 N	250.0 E	12	2		-5	-8	
600 N	262.5 E	17	-2	2	-1	-6	-9
600 N	275.0 E	13	5	-4	1	-2	2
600 N	287.5 E	14	3	-19	2	-2	10
600 N	300.0 E	20	2	-17	-4	-6	0
600 N	312.5 E	26	8	0	-3	-4	-8
600 N	325.0 E	25	4	16	1	2	3
600 N	337.5 E	21	2	17	0	3	11
600 N	350.0 E	14	-3	8	-5	2	5
600 N	362.5 E	15	-2	4	-5	2	-1
600 N	375.0 E	12	-2	2	-5	4	-1
600 N	387.5 E	13	3	-2	-4	2	1
600 N	400.0 E	12	2	-7	-5	4	6
600 N	412.5 E	15	4	-7	-5	0	6
600 N	425.0 E	17	1	-2	-10	4	-4
600 N	437.5 E	17	5	2	-6	0	-7
600 N	450.0 E	17	4	4	-5	-2	-2
600 N	462.5 E	15	4	2	-4	-2	0
600 N	475.0 E	15	2	-1	-5	-2	-6
600 N	487.5 E	15	5	-6	-4	1	-15
600 N	500.0 E	16	2	-7	1	3	-11
600 N	512.5 E	20	8	-7	5	4	4
600 N	525.0 E	18	5	-17	3	0	18
600 N	537.5 E	25	14	-27	-1	-3	27
600 N	550.0 E	30	15	-22	-9	-7	18
600 N	562.5 E	40	17	1	-16	-13	-5
600 N	575.0 E	37	28	19	-12	-12	-20
600 N	587.5 E	32	22	28	-8	-8	-14
600 N	600.0 E	26	22	32	0	-7	10
600 N	612.5 E	15	32	6	-6	-8	16
600 N	625.0 E	11	12	7	-12	-7	3
600 N	637.5 E	24	3	50	-10	-7	-7
600 N	650.0 E	-5	8	49	-11	-8	-21
600 N	662.5 E	-10	16	-33	-4	-10	46
600 N	675.0 E	-20	14	-64	4	-8	108
600 N	687.5 E	38	25		-65	12	
600 N	700.0 E	-4	38		-43	12	
650 N	375.0 E	7	-8		-8	2	
650 N	387.5 E	6	-6	-7	-6	1	3
650 N	400.0 E	7	-6	-20	-5	3	10
650 N	412.5 E	13	-2	-20	-12	1	-1
650 N	425.0 E	20	0	2	-9	-1	-8
650 N	437.5 E	20	0	17	-7	-2	-4
650 N	450.0 E	11	-3	-1	-6	0	-5
650 N	462.5 E	12	2	-17	-6	-2	-13
650 N	475.0 E	20	-8	-8	-2	1	-19
650 N	487.5 E	20	-4	-5	3	2	-22
650 N	500.0 E	20	1	-10	8	5	-18
650 N	512.5 E	25	8	-4	15	5	-5
650 N	525.0 E	25	1	0	14	4	12

		FACING: NE (CUTLER)			FACING: E (SEATTLE)		
LINE	STATION	INPHASE	QUAD	FRASER FILTER	INPHASE	QUAD	FRASER FILTER
650 N	537.5 E	24	0	-4	14	1	24
650 N	550.0 E	26	0	-13	3	-3	25
650 N	562.5 E	27	6	-13	1	-5	26
650 N	575.0 E	36	10	-2	-9	-5	20
650 N	587.5 E	30	18	-4	-13	-8	13
650 N	600.0 E	35	14	0	-15	-7	10
650 N	612.5 E	35	23	11	-20	-10	1
650 N	625.0 E	30	22	14	-18	-8	2
650 N	637.5 E	29	16	20	-18	-6	6
650 N	650.0 E	22	18	19	-22	-8	5
650 N	662.5 E	17	19	16	-20	-6	7
650 N	675.0 E	15	18	17	-25	-5	3
650 N	687.5 E	8	18		-24	-6	
650 N	700.0 E	7	11		-24	-5	
700 N	200.0 E	16	-2		-15	-11	
700 N	212.5 E	15	1	8	-16	-8	-15
700 N	225.0 E	15	-3	15	-9	-4	-10
700 N	237.5 E	8	-4	10	-7	-6	-4
700 N	250.0 E	7	-7	1	-8	-2	-1
700 N	262.5 E	6	-6	-6	-4	1	12
700 N	275.0 E	8	-3	-7	-10	-4	17
700 N	287.5 E	11	-5	-2	-14	-3	17
700 N	300.0 E	10	-1	0	-17	-5	13
700 N	312.5 E	11	-2	1	-24	-9	-3
700 N	325.0 E	10	-2	-1	-20	-7	-11
700 N	337.5 E	10	0	-3	-18	-3	-8
700 N	350.0 E	12	-2	5	-15	-2	-9
700 N	362.5 E	11	-1	4	-15	1	-15
700 N	375.0 E	6	-3	-3	-9	2	-17
700 N	387.5 E	13	0	5	-6	4	-13
700 N	400.0 E	7	-4	2	-1	4	-3
700 N	412.5 E	7	-4	-11	-1	1	3
700 N	425.0 E	11	-1	-10	-3	1	-6
700 N	437.5 E	14	-6	-14	-2	0	-7
700 N	450.0 E	14	-4	-26	4	4	4
700 N	462.5 E	25	4	-17	-2	1	-4
700 N	475.0 E	29	6	4	0	-2	-22
700 N	487.5 E	27	-1	10	6	2	-34
700 N	500.0 E	23	-5	11	14	8	-30
700 N	512.5 E	23	-10	10	26	12	5
700 N	525.0 E	16	-8	-1	24	8	31
700 N	537.5 E	20	-4	-10	11	0	32
700 N	550.0 E	20	-2	-14	8	-2	33
700 N	562.5 E	26	0	-14	-5	-3	25
700 N	575.0 E	28	4	-10	-9	-2	15
700 N	587.5 E	32	2	3	-13	-3	13
700 N	600.0 E	32	8	14	-16	-5	16
700 N	612.5 E	25	12	3	-19	-3	20
700 N	625.0 E	25	14	-3	-26	-8	18
700 N	637.5 E	29	18	3	-29	-10	7
700 N	650.0 E	24	18	-1	-34	-14	-5
700 N	662.5 E	27	20	2	-28	-12	-2
700 N	675.0 E	27	21	11	-30	-8	1

		FACING: NE (CUTLER)			FACING: E (SEATTLE)		
LINE	STATION	INPHASE	QUAD	FRASER FILTER	INPHASE	QUAD	FRASER FILTER
700 N	687.5 E	22	16		-30	-8	
700 N	700.0 E	21	14		-29	-10	
750 N	375.0 E	10	-1		-11	-2	
750 N	387.5 E	9	-2	5	-10	-5	-17
750 N	400.0 E	7	-4	7	-7	-2	-40
750 N	412.5 E	7	-6	4	3	6	-42
750 N	425.0 E	2	-22	-7	20	10	-10
750 N	437.5 E	8	-12	-21	18	8	13
750 N	450.0 E	8	-8	-41	15	7	17
750 N	462.5 E	23	-2	-48	10	2	5
750 N	475.0 E	34	-4	-28	6	-1	-14
750 N	487.5 E	45	-10	7	14	7	-20
750 N	500.0 E	40	3	18	16	8	-9
750 N	512.5 E	32	-4	12	24	4	15
750 N	525.0 E	35	0	22	15	2	23
750 N	537.5 E	25	-9	43	10	0	-1
750 N	550.0 E	20	-1	29	6	2	5
750 N	562.5 E	-3	2	-19	20	-6	48
750 N	575.0 E	19	-2	-21	-9	1	46
750 N	587.5 E	17	0	1	-13	1	28
750 N	600.0 E	20	0	19	-22	-4	33
750 N	612.5 E	15	5	32	-28	-4	36
750 N	625.0 E	3	7	17	-40	-10	50
750 N	637.5 E	0	3	2	-46	-12	36
750 N	650.0 E	1	5	-1	-72	-23	-17
750 N	662.5 E	0	9	-6	-50	-17	-30
750 N	675.0 E	2	6	-10	-51	-18	-18
750 N	687.5 E	5	10		-41	-14	
750 N	700.0 E	7	11		-42	-15	

APPENDIX IX

HANDSPECIMEN DESCRIPTIONS

ROCK DESCRIPTIONS

Samples JG8W-001 to 011 were collected by J.S. Getsinger between September 20 and 26, 1988

Sample: **JG8W-001**
Date Collected: 88-09-21; Traverse JG1
Location: UTM grid: 5,633,500N; 513,120E; about 53 m uphill 80° from L35+00N, 30+00E, at an elevation of about 1040 m; station JG4.

Rock type: Carbonate-altered greenstone

Description: Grab sample from outcrop of veined greenstone within 40 m of contact with chert. Foliation and calcite veins in the greenstone trend about 177/83E. Grey and white laminated calcite veinlets (≤1 mm to 2 mm) are interlayered with pale green, foliated greenschist layers. About 30-40% of the rock is composed of carbonate, which reacts vigorously in HCl, indicating mainly calcite. The only recognizable mineral in the greenstone is chlorite. No visible mineralization.

Results: < 5 ppb Au; 386 ppm Cr, 95 ppm Cu, 178 ppm Ni, 15W

Sample: **JG8W-002**
Date collected: 88-09-21; Traverse JG1
Location: UTM grid: 5,633,700N; 513,280E; on ridge about 1150 m elevation; station JG6.

Rock type: Chert lens in greenstone

Description: Grab sample from outcrop of folded, foliated vesicular greenstone. Sample is from lens (10-20 cm wide) of pinkish, cherty material which extends for 1 m. It pinches and swells in 2 more lenses along the foliation. A layer of salmon-coloured chert has been broken up by greyish-white quartz vein material; both are irregularly intruded by calcite.

Results: < 5 ppb Au; 4100 ppm Ba, 12.80% Ca, 1115 ppm Sr

Sample: **JG8W-003**
Dated collected: 88-09-21; Traverse JG1
Location: UTM grid: 5,633,865N; 513,375E; on ridge crest at about 1180 m elevation; station JG8.

Rock type: Quartz vein in greenstone

Description: Chip sample across 50 cm quartz vein which continues along strike for 6 m and trends 004/90. Host is locally foliated, vesicular greenstone. Vein is white to grey quartz with limonitic fractures and calcite veinlets. Some of the vein material looks like grey chert crosscut by smaller (0.5 cm) white quartz veinlets. No mineralization was noted.

Results: < 5 ppb Au

Sample: **JG8W-004**
Date collected: 88-09-22; Traverse JG2
Location: UTM grid: 5,634,875N; 513,115E; on cliff face at about 970 m elevation, about 100 m E of L49+50N, 30E; station JG11.

Rock type: Red cherty alteration in greenstone

Description: Grab sample from outcrop on greenstone cliff. Local foliated zones trend 166/87W. The reddish-purple zone from which the sample was taken was 10 cm wide and trends 070/58SE. Massive basaltic greenstone has grain size about 0.5 mm to 1 mm, and is mainly chloritic, with very minor disseminated pyrite (<< 1%). Sample includes both greenstone and brownish-red to purplish altered rock, as well as calcite veins at contact. Vigorous reaction to HCl throughout (except in reddish areas) indicates abundant calcite. Carbonate-veined areas weather recessively.

Results: < 5 ppb Au; 0.8 ppm Ag, > 15.00% Ca, 10,000 ppm Mn

Sample: **JG8W-005**
Dated collected: 88-09-22; Traverse JG2
Location: UTM grid: 3,634,700N; 513,040E; at base of cliff, west side around 910 m elevation, about 50 m above L47+00N, 29+75E; station JG12.

Rock type: Carbonate rock in greenstone

Description: Grab sample from outcrop at base of greenstone cliff. Sample is from pinkish-weathering face of fine-grained carbonate rock. Abundant white calcite veins criss-cross the rock. Rock resembles pinkish-brown micritic limestone. Part of sample includes white sparry calcite veins. Rock may be carbonate-altered greenstone or recrystallized limestone lens within greenstone.

Results: < 5 ppb Au; 0.8 ppm Ag, 15.00% Ca

Sample: **JG8W-006**
Date collected: 88-09-23
Location: UTM grid: 5,635,605N; 512885E; on road cut along south side of Carpenter Lake; station JG14.

Rock type: Altered greenstone

Description: Grab sample from outcrop of greenstone near fault contact with chert (sample JG8W-007), from red-orange weathering altered zone trending 015/68NW. This is parallel to carbonate veins but on an angle to greenstone foliation at 146/82W. On a fresh surface the rock is greyish-green rather than rusty-red. Calcite veinlets crosscut greenish fine-grained rock parallel to the altered zone. No mineralization was noted.

Results: < 5 ppb Au; 22 ppm Sc

Sample: **JG8W-007**
Date collected: 88-09-23; Traverse JG3
Location: UTM grid: 5,635,605N; 512,885E; road cut on south side of Carpenter Lake; station JG14.

Rock type: Folded chert and phyllite

Description: Grab sample from outcrop of chert in contact with fault slice of greenstone. Bedding and foliation in folded chert near the contact is 121/77E. Sample is from rusty-weathering chert near the contact with greenstone. Sample shows tight folding of thin-bedded (1 cm) chert and dark grey to silvery phyllitic argillaceous interbeds. Limonite-coated fractures are at a high angle to the fold axis. Sample does not react to HCl. Sample is clay-altered to some extent. No visible mineralization was noted.

Results: <5 ppb Au; 10 ppm As, 2 ppm Mo

Sample: **JG8W-008**
Date collected: 88-09-25; Traverse JG4
Location: UTM grid: 5,633,894N; 512,600E; on west side of gully below waterfall at L39+50N, 25+75E; station JG20.

Rock type: Black argillite

Description: Grab sample from outcrop of rusty-weathering, black, fissile argillite with incipient slaty cleavage. Bedding trends about 172/48W, with cleavage at 170/90. Outcrop on far side of ravine appears similar. Thickness of unit is at least 20 m. Rock does not react to HCl.

Results: < 5 ppb Au

Sample: **JG8W-009**
Date collected: 88-09-25; Traverse JG4
Location: UTM grid: 5,633,850N; 512,660E; near top of waterfall, south side, 20 m W of 38+50N, 26+50E; station JG21.
Rock type: Calcareous sandstone

Description: Grab sample from outcrop of blocky to tabular-breaking, somewhat rusty-weathering, massive-bedded sandstone(?). Rock is an even-grained, bluish grey, with grain size about 0.25 mm. Cleavage reflections may indicate micaceous feldspar, or carbonate minerals. Rock reacts well in HCl indicating abundant calcite component. This rock is the competent unit that holds up the top of the falls, overlying the argillite.

Results: < 5 ppb Au; 6.01% Fe, 14 ppm Pb, 148 ppm V

Sample:	**JG8W-010**
Date collected:	88-09-25; Traverse JG4.
Location:	UTM grid: 5,633,100N; 512,465E; on top of knobby hill at southern Wayside property boundary, at about 990 m elevation; station JG22.
Rock type:	Limestone-chert conglomerate
Description:	Grab sample from outcrop of limy conglomerate from knobby hill at southern end of property. Exposure is 100 m along strike and nearly as thick across strike of bedding or foliation at 140/85W. Rock is a matrix-supported pebble conglomerate, with a grey sandy limestone matrix. Pebbles are well-rounded, and composed of whitish chert, dark grey limestone, felsic(?) volcanics (pale green, fine-grained). Some parts of the matrix are silvery-phyllitic argillaceous partings.
Results:	< 5 ppb Au; 1.0 ppm Ag, 10 ppm Bi, > 15.00% Ca

Sample:	**JG8W-011**
Date collected:	88-09-26; Traverse JG5
Location:	UTM Grid: 5,634,380N; 512,865E; east side of ridge, elevation 1015 m.
Rock type:	Altered greenstone
Description:	Grab sample from outcrop of red-brown weathering altered greenstone about 20 m below outcrop of mixed greenschist, phyllite, and chert. Rock is fine-grained, green and white sandy to crystalline in texture, weakly layered, with small quartz and calcite veins (2 mm) that have rusty selvages. Near the selvages of the quartz and calcite veinlets, grey metallic specks were observed (non-magnetic).
Results:	< 5 ppb Au; 5 ppm W

ROCK DESCRIPTIONS

Samples DM8W-001 to 012 were collected by Dave McHardy between September 20 and 26, 1988

Sample: **DM8W-001**
Location: Wayside Ext. Claim, 35+20N, 31+20E

Rock type: Basaltic Greenstone

Description: Grab sample of outcrop
Medium green, medium grained, minor quartz veining and mm size, carbonate veining and fracture fills.

Chlorite	30%
Feldspar	15%
Mica and clay	40%
Hornblende	5%
Quartz	1%
Carbonate	1%

Results: < 5 ppb Au; 10 ppm As, 10 ppm W

Sample: **DM8W-002**
Location: Wayside Ext. Claim, 35+70, 33+60

Rock type: Veined and silicified greenstone

Description: Grab sample of outcrop
Light green, weakly foliated, medium grained, silicified and carbonate altered, hand sample is 40-50% quartz vein material with ruddy brown carbonate in mm size fractures

Chlorite	30% - pervasive
Feldspar	10% - possibly altered
Hornblende	2% - altered up to 1 mm
Mica	10%
Clay	5%
Carbonate	2-3% (veins)
Quartz	40% (veins)

Results: < 5 ppb Au; 10 ppm As, 5 ppm W

Sample: **DM8W-003**
Location: Wayside Ext. Claim, 45+20N, 27+30E

Rock type: Altered chert

Description: Grab sample of outcrop
Brown, fine grained - hematitic chert, mm and cm size quartz veining (grey to white) + cutting layering.
Numerous fractures with black oxide coating
Layering 1-2 cm thick

Results: < 5 ppb Au; 10 ppm As

a8/24/5

Sample:	**DM8W-004**
Location:	Wayside Ext. Claim, 44+20N, 30+70E
Rock type:	Carbonate altered greenstone
Description:	Grab sample of float Green with rusty and white carbonate Quartz - carbonate veining up to 2 cm wide Rock is highly altered, abundant clay and chlorite, minor hematite on some fractures Clay - green - 30% Chlorite - 20% Quartz carbonate veining - 30% Hematitic chert - .5 - 1% Chert - grey black clots - 10-12% Mica - 5%
Results:	< 5 ppb Au

Sample:	**DM8W-005**
Location:	Wayside Ext. Claim, 43+40N, 30+90E
Rock type:	Altered greenstone
Description:	Grab sample of float Hematitic greenstone, quartz veins and patches up to 3 cm (5-10%) Minor calcite, quite altered, 1 mm fracture fill of hematitic material
Results:	< 5 ppb Au; 5.51% Fe, 2570 ppm P, 5 ppm W, 112 ppm Zn

Sample:	**DM8W-006**
Location:	Wayside Ext. Claim, 40+25N, 23+80E
Rock type:	Cherty conglomerate
Description:	Grab sample of outcrop Limestone and grey chert matrix - 40%, chert - 70%, limestone - 30%, clasts - 60% Grey limestone up to 14 cm - rounded - 70-80% Grey quartzite - rounded - 20-30% Quartz diorite to granite rounded - 5%
Results:	< 5 ppb Au; 5.14% Ca, 15 ppm W

Sample: **DM8W-006A**
Location: Wayside Ext. Claim, 36+30N, 31+40E

Rock type: Altered Greenstone

Description: Grab sample of outcrop
Sheared greenstone, fine grained, carbonate patches up to 5 cm and layers parallel to foliation of mm thickness
Quite altered

Results: < 5 ppb Au; 15 ppm As, 20 ppm La

Sample: **DM8W-007**
Location: Wayside Ext. Claim, 36+30N, 31+40E

Rock type: Grey chert

Description: Grab sample of outcrop
Grey chert, slightly chloritized, white quartz veining up to 2 mm wide, minor calcite in fractures
Sample from below shear zone

Results: < 5 ppb Au

Sample: **DM8W-008**
Location: Wayside Ext. Claim, 36+30N, 31+40E

Rock type: Silicified greenstone and chert

Description: Grab sample of outcrop
Sheared, silicified greenstone, grey-white quartz patches
Both parallel and cross cutting foliations
Slightly chloritized and minor amount of clay present.

Results: < 5 ppb Au; 10 ppm As, 18 ppm Pb

Sample: **DM8W-009**
Location: Wayside Ext. Claim, 36+70N, 31+40E

Rock type: Carbonate altered greenstone

Description: Grab sample of outcrop
Carbonate veins up to 5 cm wide, fine to coarse
Grained calcite, grey to white/brown
Sheared greenstone, between veins, up to 2 cm thick
Shear zone rock
Minor hematitic material in greenstone
Carbonate vein - 80%, sheared greenstone - 20%

Results: < 5 ppb Au; 0.6 ppm Ag, 10 ppm As

Sample: **DM8W-010**
Location: Wayside Ext. Claim, 44+20N, 35+60E

Rock type: Altered greenstone

Description: Grab sample of outcrop
Dark green/purple greenstone with carbonate filled vesicles up to 5 mm in diameter, fine grained
Chlorite - 40%
Carbonate - 30%
Hornblende - 5% - up to 2 mm
Feldspar - 25% - may be altered

Results: < 5 ppm Au; 10 ppm W

Sample: **DM8W-0011**
Location: Wayside Ext. Claim, 41+00N, 33+40E

Rock type: Altered greenstone

Description: Grab sample of outcrop
Medium green, fine grained greenstone
Quartz - carbonate veining up to 3 mm
Veining events - 2% (quartz vein crosscuts quartz vein)
clay - 25%
Chlorite - 40%
Carbonate vein - 10%
Quartz vein - 10%
Hornblende altered- 5%
Feldspar altered - 10%

Results: < 5 ppb Au; 10 ppm As, 10 ppm W

Sample: **DM8W-012**
Location: Wayside Ext. Claim, 31+80N, 32+50E

Rock type: Altered greenstone

Description: Grab sample of outcrop
Bright medium green, greenstone with altered porphyroblasts of hornblende, chert throughout as 2 mm zones
Chlorite - 40%
Hornblende altered- 5%
Calcite - 1%
Chert - 40%
Feldspar - 15% altered to micas

Results: < 5 ppb Au; 10 ppm W

APPENDIX X

STATEMENT OF WORK - CASH PAYMENTS

file 4571 claim

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources
MINERAL RESOURCES DIVISION – TITLES BRANCH

MINERAL ACT

DOCUMENT No. _____ OFFICE USE ONLY

SUB-RECORDER
RECEIVED
OCT 19 1988
M.R. # ..... $ .....
VANCOUVER, B.C.
RECORDING STAMP

Statement of Work — Cash Payment

I, Sandy Gael McAllister (Name)
Valid subsisting FMC No. 299114
201 – 1286 W 14th Ave (Address)
Vancouver, B.C.
V6H 1P9 (Postal Code) 736-2149 (Telephone Number)

Agent for Chevron Minerals Ltd. (Name)
Valid subsisting FMC No. 305153
1900 – 1055 West Hastings St. (Address)
Vancouver, B.C.
V6E 2E9 (Postal Code) 668-5491 (Telephone Number)

STATE THAT: [NOTE: If only paying cash in lieu, turn to reverse and complete columns G to J and S to V.]

1. I have done, or caused to be done, work on the WAYSIDE GROUP
see Schedule A Claim(s)
Record No(s). see schedule A
Situate at Bold Bridge in the Lillooet Mining Division,
Work was done from Feb 1, 19 88, to Oct 1, 19 88

TYPE OF WORK

PHYSICAL: Work such as trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails. Details as required under section 13 of the Regulations, including the map and cost statement, must be given on this statement.

PROSPECTING: Details as required under section 9 of the Regulations must be submitted in a technical report. Prospecting work can only be claimed once by the same owner of the ground, and only during the first three years of ownership.

GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL, DRILLING: Details must be submitted in a technical report conforming to sections 5 through 8 (as appropriate) of the Regulations.

PORTABLE ASSESSMENT CREDIT (PAC) WITHDRAWAL: A maximum of 30% of the approved value of geological, geophysical, geochemical and/or drilling work on this statement may be withdrawn from the owner's or operator's PAC account and added to the work value on this statement.

TYPE OF WORK (Specify Physical (include details), Prospecting, Geological, etc.)	VALUE OF WORK Physical	*Prospecting	*Geological etc.	
Physical Work (see schedule B)				
Cat 225 Excavator 128 hrs @ $95	12160.00			
D-6 Cat 11.5 hrs @ $85	977.50			
Low Bed 15 hrs @ $70	1,050.00			
Geological (report to follow within 90 days)			200,000.00	*
* minimum - see actual cost statement in report for actual total				
TOTALS	A 14,187.50 +	B	+ C 200,000.00 =	D 214,187.50
PAC WITHDRAWAL — Maximum 30% of Value in Box C Only			E →	E
from account(s) of _____			TOTAL	F 214,187.50

* Who was the operator (provided the financing)? Name Chevron Minerals Ltd.
Address 1900 – 1055 W. Hastings St.
Vancouver BC Phone: 668-5491

Transfer amount in Box F to reverse side of form and complete as required.

F $214,187.50 I WISH TO APPLY $ 21,600 OF THE TOTAL VALUE FROM BOX F AS FOLLOWS:

Columns G through R inclusive MUST BE COMPLETED before work credits can be granted to claims.
Columns G through J and S through V inclusive MUST BE COMPLETED before a cash payment or rental payment can be credited.
Columns not applicable need not be completed.

Cash Payment

CLAIM IDENTIFICATION | **APPLICATION OF WORK CREDIT** | **CASH IN LIEU OF WORK OR LEASE RENTAL**

	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
	CLAIM NAME (one claim/lease per line)	RECORD No	No. OF UNITS*	CURRENT EXPIRY DATE	WORK TO BE APPLIED: VALUE	YEARS	EXCESS CREDIT	RECORDING FEES 5% OF K	PENALTY FEES 10% OF K	FROM EXCESS CREDIT BEING USED	NEW EXPIRY DATE	EXCESS CREDIT REMAINING	C $	RECORDING FEE 12½ OF $	MINERAL LEASE RENTAL	NEW EXPIRY DATE
1	Counsel 2	724	1	Jan 14/93	400	2		20			Jan. 16, 1995					
2	Counsel 3	725	1	"	400	2		20			Jan. 16, 1995					
3	Cabinet 3	726	1	"	400	2		20			Jan. 16, 1995					
4	Sat 1	728	1	"	400	2		20			Jan. 16, 1995					
5	Sat 3	727	1	"	400	2		20			Jan. 16, 1995					
6	Hillside 4	989	1	Oct 26/90	1,000	5		50			Oct. 26, 1995					
7	Hillside Fr. + Riverside	990	1	"	1,000	5		50			Oct. 26, 1995					
8	Lodge Ext 1 + Lodge Ext Fr	1022	1	NOV. 9/90 SM	1,000	5		50			NOV. 9, 1995 SM	SM				
9	Wayside B Fr	1044	1	NOV 16/90	1,000	5		50			NOV. 16, 1995					
10	Port Fr	1045	1	"	1,000	5		50			NOV. 16, 1995					
11	Cabinet 2	1023	1	NOV. 9/90	1,000	5		50			NOV. 9, 1995					
12	Lake 3	3008	1	NOV. 2/93	400	2		20			NOV. 2, 1995					
13	Lake 2	3009	1	"	400	2		20			NOV. 2, 1995					
14	Lake 1	3010	12	NOV 2/90	12,000	5		600			NOV. 2, 1995					
15	Lake 1 Fr	3011	1	NOV 2/93	400	2		20			NOV 2, 1995					
16	Lake 2 Fr	3012	1	"	400	2		20			NOV. 2, 1995					
17																
18																
					21,600 TOTAL OF K			1080 TOTAL OF N	TOTAL OF O				TOTAL OF S	TOTAL OF T	TOTAL OF U	

NOTICE TO GROUP No. 3640 RECORDED Dec 22/87

* 2 POST FRACTION, REV CROWN GRANT APE * UNIT EACH

Value of work to be credited to portable assessment credit (PAC) account(s).
(May only be credited from the approved value of Box C not applied to claims.)

	Name	AMOUNT
1	Chevron Minerals Ltd.	Balance
2		
3		

I, the undersigned Free Miner hereby acknowledge and understand that it is an offence to knowingly make a false statement or provide false information under the *Mineral Act*. I further acknowledge and understand that if the statements made, or information given, in this Statement of Exploration and Development are found to be false and the exploration and development has not been performed, as alleged in this Statement of Exploration and Development, then the work reported on this statement will be cancelled and the subject mineral claim(s) may, as a result, forfeit to and vest back to the Province.

A. M. Eccles

Signature of Free Miner

Schedule A1

Table 1

CLAIM STATUS

Claim Name	Record No.	Units	Expiry Date (after submission of this report)
Argon	417	1	January 10, 1995
Radium	418	1	January 10, 1995
Queen City Fr	420	1	January 10, 1995
Rodeo	421	1	January 10, 1995
Commodore Fr.	422	1	January 10, 1995
Lodge	423	1	January 10, 1995
Alpha	424	1	January 10, 1995
Beta	425	1	January 10, 1995
Gamma	426	1	January 10, 1995
Cabinet	427	1	January 10, 1995
Counsel	428	1	January 10, 1995
Newport	429	1	January 10, 1995
Camp Denison	430	1	January 10, 1995
Sun	431	1	January 10, 1995
City 1	432	1	January 10, 1995
Spring A	433	1	January 10, 1995
Spring B	435	1	January 10, 1995
Spring C	436	1	January 10, 1995
Spring Fr	434	1	January 10, 1995
Lodge B	437	1	January 10, 1995
Rodeo Fr	438	1	January 10, 1995
Wayside 2	439	1	January 10, 1995
Lodge 2 Fr.	440	1	January 10, 1995
*Counsel 2	724	1	January 16, 1995
*Counsel 3	725	1	January 16, 1995
*Cabinet 3	726	1	January 16, 1995
*Sat 1	728	1	January 16, 1995
* Sat 3	727	1	January 16, 1995
Wayside Ext. #2	1089	18	December 27, 1995
Wayside Fr #1	1247	1	March 10, 1995
Wayside Fr #2	1248	1	March 10, 1995
Wayside Fr #3	1249	1	March 10, 1995
A-Fraction	1229	1	February 11, 1995
Hillside 4	989	1	October 26, 1995
* Hillside Fr & Riverside	990	1	October 26, 1995
*Lodge Ext 1 & Lodge Ext. Fr	1022	1	November 9, 1995
*Wayside B Fr	1044	1	November 16, 1995
*Port Fr	1045	1	November 16, 1995
*Cabinet 2	1023	1	November 9, 1995
*Lake 3	3008	1	November 2, 1995
*Lake 2	3009	1	November 2, 1995
*Lake 1	3010	12	November 2, 1995
*Lake 1 Fr	3011	1	November 2, 1995
*Lake 2 Fr	3012	1	November 2, 1995
M-57	Mineral Lease		

* work filed on these claims

SCHEDULE B

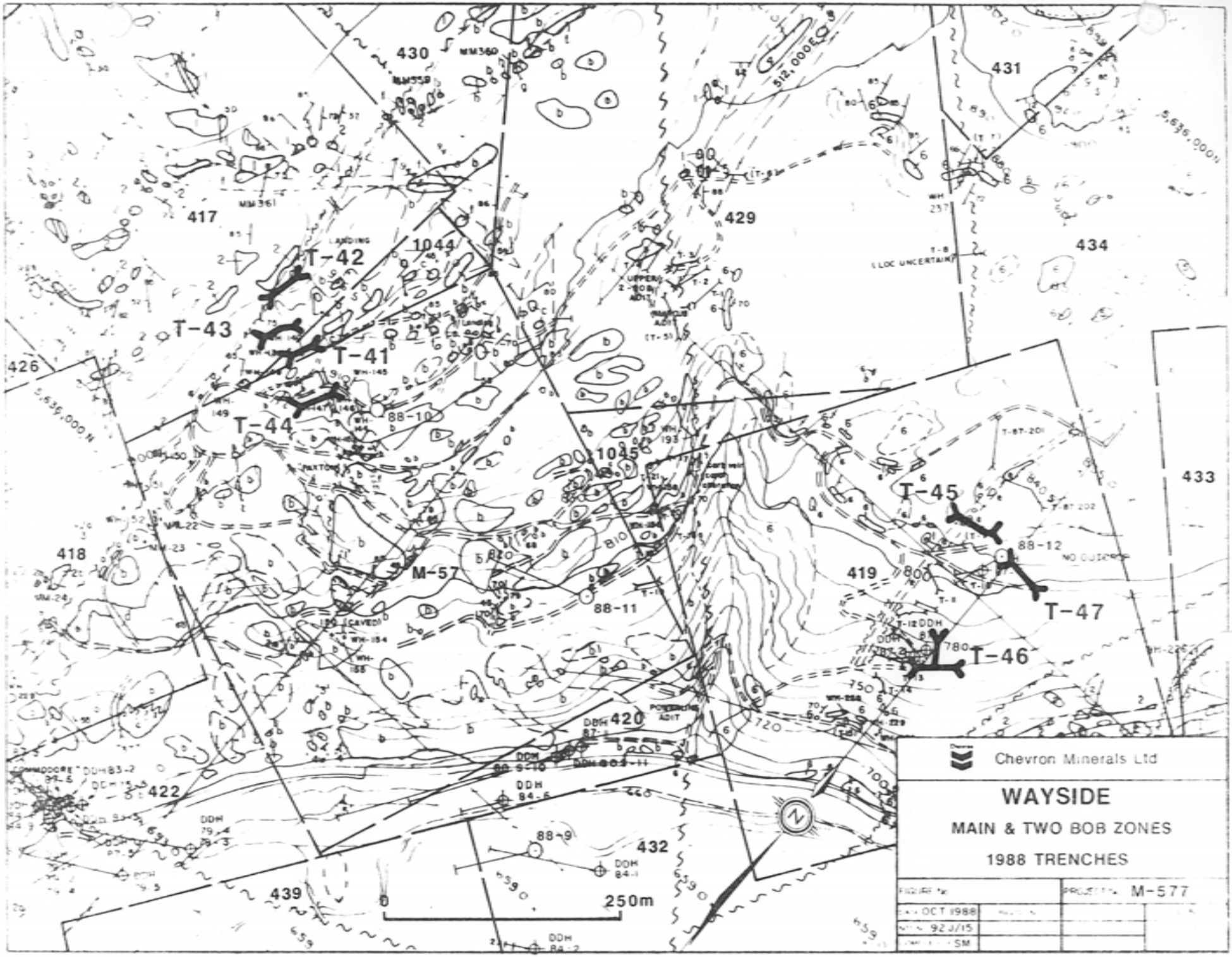
TRENCH, ROAD AND DRILL PAD DIMENSIONS

Trench #	Length (m)	Width (m)
*T-39	1	34
*T-40	1	11
*T-41	1	26
*T-42	1	28
*T-43	1	29
T-44	1	31
*T-45	1	52
*T-46	1	81
*T-47	1	38
*T-48	1	25
	Total Area	355 m^2

Roads	Width (m)	Length (m)	Area (m^2)
TO 88-11	4	150	600
TO 88-14	4	210	840
TO 88-15	4	90	360
T0 88-19/20	4	60	240
TO 88-21	4	100	400
		Total Area	2,440 m^2

Drill Pad	Width (m)	Length (m)	Area (m^2)
88-11	10	10	100
88-13	14	18	252
88-14	20	10	200
88-15	12	10	120
88-16	10	12	120
88-17	10	14	140
88-18	10	14	140
88-19/20	10	12	120
88-21	10	12	120
		Total Area	1,312 m^2

*indicates that this trench has been reclaimed.


Chevron Minerals Ltd
WAYSIDE
MAIN & TWO BOB ZONES
1988 TRENCHES
M-577
OCT 1988
92J/15
SM
250m
T-42
T-43
T-41
T-44
T-45
T-46
T-47
M-57
88-10
88-11
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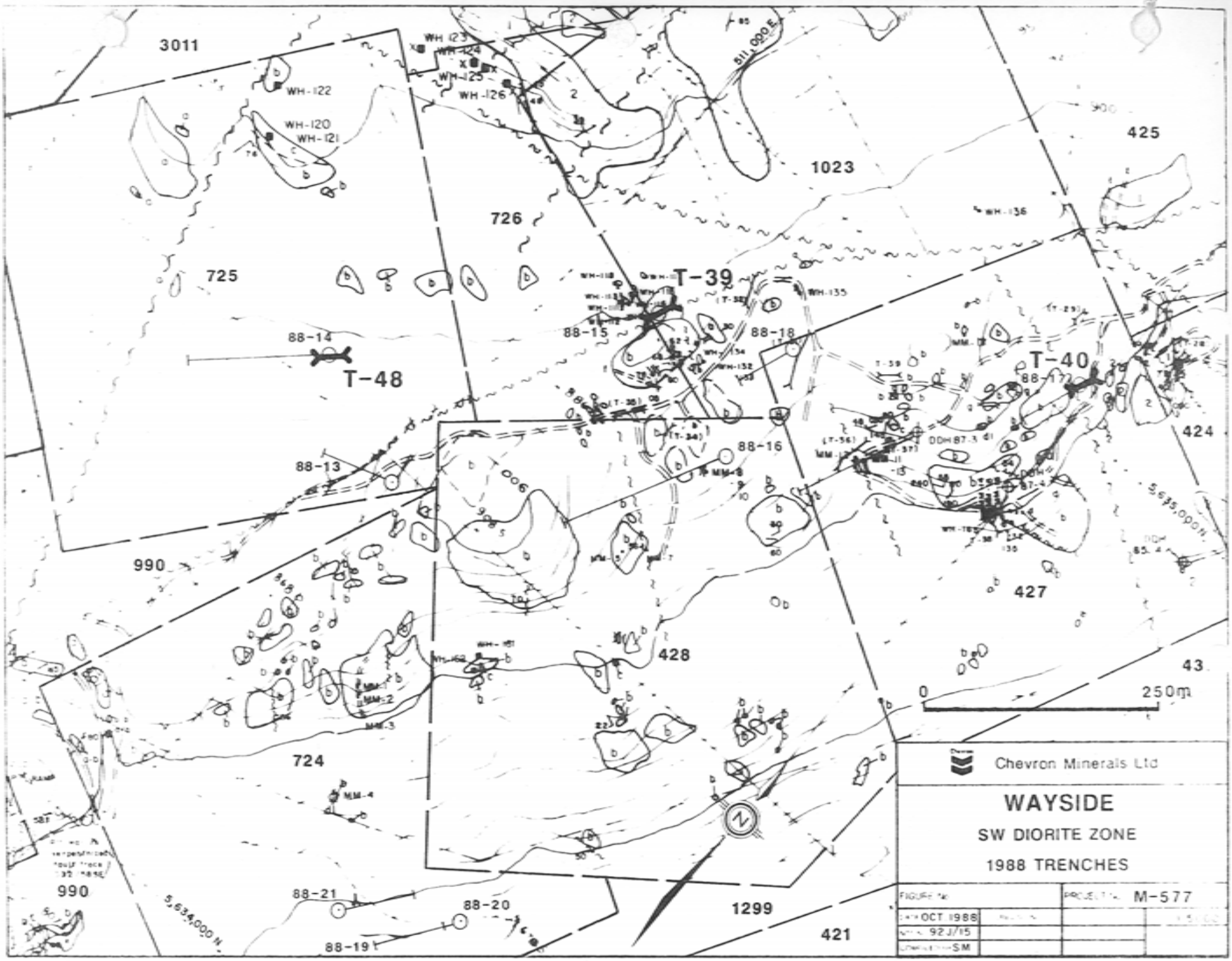
434
439

84-74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WH-124
WH-125
WH-126
WH-122
WH-120
WH-121
5,635,000E
425
1023
726
725
T-39
WH-135
88-14
T-48
88-15
88-18
T-40
88-17
424
88-16
88-13
990
427
428
43
0
250m
724
MM-4
MM-2
MM-3
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88-21
88-20
1299
88-19
421
5,634,000N
Chevron Minerals Ltd
WAYSIDE
SW DIORITE ZONE
1988 TRENCHES
FIGURE No.
PROJECT No. M-577
DATE OCT 1988
92J/15
DRAWN BY SM