REPORT ON

EXPLORATION PROGRAMMES

WAYSIDE PROPERTY
October 1991 - April 1993

1. Surface Drilling, October-November 1991
2. Rehabilitation of #5 portal, October 1992 and Dewatering Levels 5-9, October - November 1992
3. Underground sampling programmes by Chris J. Sampson, November 1992 and David Rhys, December 1992
4. Topographic Survey, February 1993
5. Underground drilling, January-April 1993

BRALORNE AREA, LILLOOET MINING DIVISION

NTS: 92-J-15W

50° 55'
122° 50'

by

Chris J. Sampson, P.Eng.
Consulting Geologist

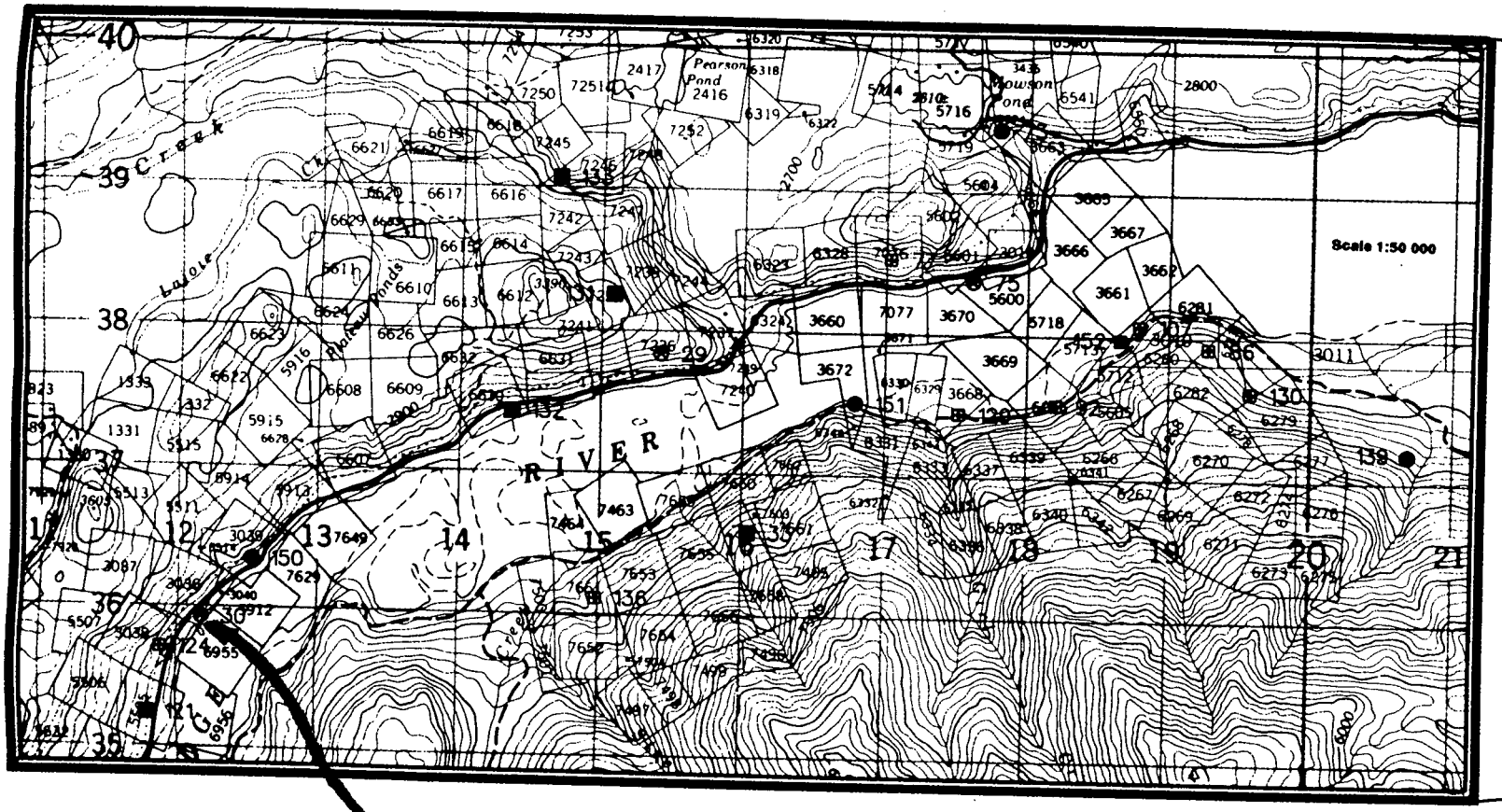
Vancouver, B.C.
18 May 1993

SAMPSON ENGINEERING INC.
2696 West 11th Avenue
Vancouver, BC V6K 2L6

INDEX

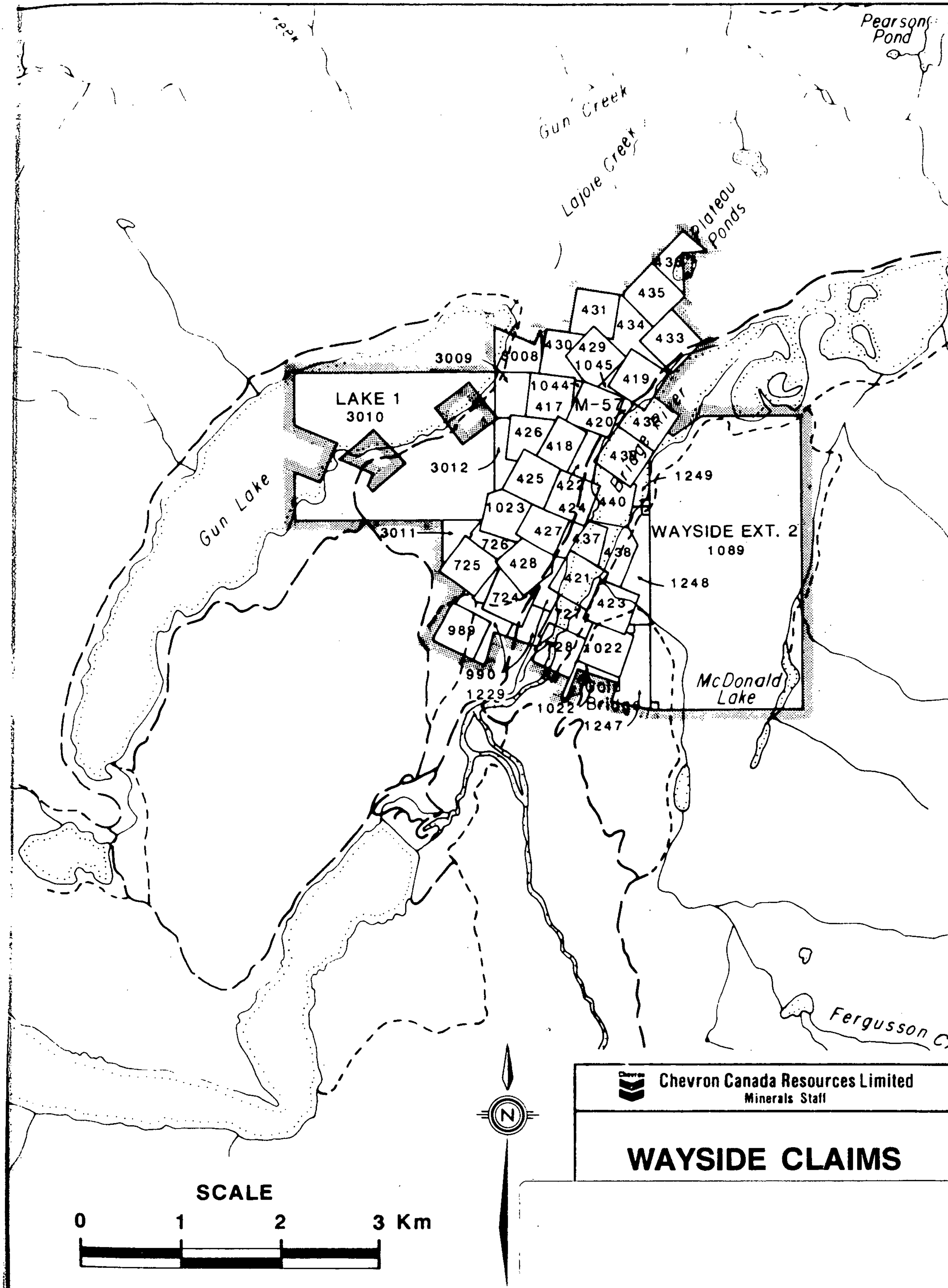
LIST OF FIGURES

BAMPSON ENGINEERING INC.
2696 West 11th Avenue
Vancouver, BC V6K 2L6



LOCATION MAP
WAYSIDE MINE

1:50 000


Pearson Pond
Gun Creek
Lajoie Creek
Plateau Ponds
LAKE 1
3010
3009
3008
3012
3011
Gun Lake
430
429
431
434
435
433
1045
419
1044
417
M-57
420
426
418
425
1023
427
726
725
428
724
989
990
1229
1022
1247
1248
1249
421
423
422
424
437
438
439
440
WAYSIDE EXT. 2
1089
McDonald Lake
Fergusson Cr
N
Chevron Canada Resources Limited
Minerals Staff
WAYSIDE CLAIMS
SCALE
0
1
2
3 Km

SUMMARY, CONCLUSIONS, RECOMMENDATIONS

1. The Wayside property is situated 3 kms. north of Goldbridge, B.C. on the north shore of Carpenter Lake. It is crossed by the Goldbridge-Lillooet highway. The property consists of 45 contiguous mining claims and 1 mining lease and totals 73 units covering approximately 1825 hectares.

2. The property is situated in the Bridge River gold camp, which was the most prolific gold producing area in British Columbia - having produced over 4.5 million ounces from vein deposits associated with major fault structures at Bralorne/Pioneer, Wayside, Minto, etc.

3. Ten levels of workings were developed at the Wayside mine site on a single vein system (the Main vein/shear zone) between 1911 and 1952. The major period of production was 1934-1936 when 40,761 tons grading 0.13 oz/ton was produced initially mostly from 0-5 levels (i.e. above the valley floor) but by 1936 from the lower 7, 8 and 9 levels.

4. During 1947-1952 the mine was reopened, dewatered and rehabilitated. Although some production occurred most activity consisted of underground exploration, i.e. crosscutting, some raising and drilling 18 diamond holes.

5. Further programmes of underground exploration were done in 1971 (Elwell, dewatering and sampling levels 7 and 8) and 1982 (Arik, dewatering, sampling levels 7 and 8, 3 diamond drill holes - as shown Figure 2).

6. Besides underground programmes, several programmes of surface drilling have been done during the past forty years in order to explore the Main Wayside vein/shear structure.

.../2

7. Conclusions from the programmes of rehabilitation, dewatering, sampling and underground drilling described in this present report (October 1991-April 1993) are as follows:

A) The two programmes of mapping and sampling by Sampson and Rhys indicate that all ore grade material has been extracted from levels 7, 8 and 9 apart from pillars remaining around the winze and left for support in the stopes.

B) During the 1947-1952 period, muck was produced from the 0-5 levels of the mine probably by partially robbing pillars. This has resulted in subsequent extensive caving (the present "Glory Hole"). Attempts were made in recent months to explore levels 2 and 3 but the unsafe condition of the workings makes entry impossible.

C) Sampling and mapping of 9 level and the 1993 underground drill programme indicates that although the "Main" Wayside vein shear is present as a strong, well developed, structure both on and beneath the 9 level, contained gold values are well below ore grade. As seen on 9 level and in drill holes below that level the Main Wayside vein/shear is up to 15 ft. width, carries well ribboned quartz veining (usually in bands on the hanging and footwall sides of the vein separated in the centre by brecciated vein material) has associated extensive ankerite-sericite-fuchsite alteration and both vein and in some cases wallrock alteration carry abundant disseminated arsenopyrite and pyrite, i.e. the vein/shear looks as though it should carry good gold values but gold content is far below ore grade.

D) During the years of operation at Bralorne/Pioneer a zone of low gold values was noted in the vein systems. Although the veins are well developed within this zone, gold values were found to be below ore grade. The zone is from 600 to 800 ft. vertical

extent and was first encountered below the 14 level in the King Lorne workings at Bralorne.

It is possible that a similar situation is present at Wayside. Both surface and underground drill programmes confirm that the Main Wayside vein/shear zone is strongly developed below the 9 level but the structure has so far been tested a maximum of 300-400 ft. below 9 level.

E) In order to establish whether the Wayside Main vein/shear is gold bearing at depth a programme of underground or surface drilling would be required to drill the structure at depth, i.e. 1000 ft. below 9 level. This would require use of large capacity drills capable of 2000 ft. holes (from surface - through 300 ft. of overburden) or 1500 ft. holes from underground.

BAMPSON ENGINEERING INC.
2696 West 11th Avenue
Vancouver, BC V6K 2L6

INTRODUCTION

This report summarizes results of various exploration programmes carried out at the Wayside Mine Property at Goldbridge, B.C. in the former producing Bralorne/Pioneer Gold Mining camp during the period October 1991 to April 1993.

Wayside Gold Mines and Brigadier Resources, the current owners of the property, have a large inventory of data concerning work programmes carried out on the Wayside Property over the past 80 years. It is not therefore the intent of this report to outline the history of exploration and production from the property, nor provide details of claim holdings, location, access to the property, geology of the property, regional geology, and description of the various showings located on the Wayside Property. For such details the reader is referred to "Summary Geological Report on the Wayside Property for Amazon Petroleum Corporation, Carpenter Lake Resources by Peter D. Leriche and Roger G. Kidlark of Reliance Geological Services Inc., 14 May 1991". This present report is concerned solely with those exploration programmes carried out between October 1991 and April 1993 on the main Wayside vein/shear zone, and in particular on those programmes of exploration carried out on the area of the main vein/shear zone below the #5 level.

1. SURFACE DIAMOND DRILLING - 30 OCTOBER-17 NOVEMBER 1991

During the period of 30 October-17 November 1991, a programme of surface diamond drilling was carried out in order to explore the extension of the main vein shear system below the #9 level, and in particular to try to relocate two areas of gold mineralization which had been intersected in previous drill programmes. Hole 80-S10 had intersected the Wayside main vein-shear structure at 685-700.2 feet down hole. This included an intersection of 685.1-694.9 feet assaying 2.63 oz/gold per ton and 1.02 oz/silver per ton; the vein intersection 685-700.2 feet assayed 1.76 oz/gold per ton at a location approx. 160 feet down the dip of the

vein/shear structure below #9 level. In addition, hole 87-1 drilled by Chevron Minerals had intersected gold mineralization in the Notman vein. This vein is situated in the hanging wall Bralorne diorite, and may represent a shallower dipping splay off the main Wayside shear vein. Hole 87-1 intersected 588.61-594.0 (5.36 feet) which assayed 1.84 oz/gold per ton.

As shown in Figure 1 available drill sites from which to test this area of the main Wayside vein shear and Notman vein are limited by topography. Most of the area north of the Goldbridge/Lillooet Highway on the east side of the Wayside workings consists of steep rock bluffs of Bralorne diorite. Most of the ground on the south side of the highway is for most of the year flooded by Carpenter Lake. At certain times of the year however this reservoir is at a low level and it is possible to set up on the lake bed. There is however approx. 300 feet of glacial overburden which fills the valley floor. Presence of large boulders in this till have lead to abandonment of several holes in previous drilling programmes. At the time of the October-November 1991 surface drill programmes, the lake was at a high level and drilling from the lake bed was thus not feasible. All four holes were thus drilled from one site squeezed between the highway and the shore of the lake as shown on Figure 1.

The four drill holes on the Wayside property totaling 3052 feet, intersected the main Wayside vein/shear zone and the Notman vein below the 9th level of the old Wayside mine workings, as follows:

Hole	Azimuth	Dip	Intersection Main Wayside Vein		Feet
91-1	232°	-85°	668.5	684.4	15.9
91-2	246°	-80°	588.0	615.4	27.4
91-3	260°	-75°	563.0	567.0	4.0
91-4	210°	-70°	511.5	519.0	7.5

Hole	Azimuth	Dip	Intersection Notman Vein		Feet
91-1	232°	-85°	161.5	169.0	7.5
91-2	246°	-80°	178.7	184.8	6.0
91-3	260°	-75°	183.3	194.0	9.5
91-4	210°	-70°	278.0	286.0	8.0

In summary, the 1991 drill holes successfully intersected the "Main Wayside Vein" and the "Notman Vein" or (Hanging Wall Vein) proving that the ore bearing structure continues down dip below the 9th level of the old workings. Intersections in 91-1, 2 and 4 indicate that the Main Vein/Shear has a true width in excess of minimum mining width (approximately 5 feet). The intersection in 91-3 is narrower, probably because the vein is intersected by a fault on the footwall side. Gold values intersected by the four holes are below ore grade:

Hole	Intersection Main Wayside Vein		Width (feet)	Gold ppb	Arsenic ppm
91-1	668.5	672.4	3.9	180	1018
91-2	588.0	592.0	4.0	420	1803
91-2	592.0	596.0	4.0	290	1014
91-2	611.0	614.0	3.0	144	319
91-3	563.0	567.0	4.0	034	N/A
91-4	511.5	515.0	3.5	034	N/A
91-4	515.0	519.0	4.0	420	N/A

Hole	Intersection Notman Vein		(feet)	ppb	ppm
91-1	161.5	169.0	7.5	004	104
91-2	178.7	184.8	6.0	006	74
91-3	183.3	194.0	9.5	034	N/A
91-4	278.0	286.0	8.0	102	N/A

2. REHABILITATION OF #5 LEVEL AND DEWATERING

The #5 level is the main access level to the Wayside workings and was used as the main haulage level in previous mining operations. The initial 90 feet of #5 level is through overburden, immediately underneath the Goldbridge/Lillooet highway. This section of the #5 level was supported by timber sets and cribbing. Over the past years, several of these sets had failed leading to slumping of the bank above the adit portal and erosion which had cut back to within 1 metre of the paved surface of the highway, i.e. the slumping of the bank had already removed part of the

soft shoulder of the highway. Following an inspection of the situation by the Department of Highways regional engineer, it was agreed that the Department of Highways would supply four lengths of culvert - 28 metres (92 feet) of 3100 mm. (10.17 ft.) diameter - and that Wayside would pay the cost of excavating the old timber sets and installing the culvert. This was carried out during 8-12 October 1992, when a Cat 225 backhoe, operated by Randy Polischuk was used to excavate the 60 foot high overburden bank above the #5 portal back to bedrock. The four lengths of culvert were then installed and covered with 10-12 feet of sand. Department of Highways then backfilled, dropping the material from the highway above and restoring the resulting slope to a grade of 1 to 1.5 (60 ft. vertical x 90 ft. horizontal).

Inspection of the #5 level revealed it to be in a very good condition with no major rock falls. Two 13 H.P submersible pumps were installed in the winze to the lower levels and the dewatering of the lower levels 7, 8 and 9 was carried out between 12 October and 9 November 1992. Most of the timbering, such as ladders and supports in the lower levels of the mine was found to be in good condition as is usual with mine timbers that have been flooded. A small crew of local experienced miners - Paul Eagan, Bill Smith and Mike Yanciw - was used to carry out rehabilitation of the small compressed air hoist, ladders, compressed air and water lines, etc. The metal pipe was not in such good shape as the timbers and a new 4 inch compressed air line was installed to the bottom level.

3. UNDERGROUND SAMPLING PROGRAMMES - FALL 1992

Once access was gained to the lower levels, underground sampling and geological mapping could commence. During the period 5-9 November 1992 the writer, accompanied by Brian Game and Mike Yanciw carried out a programme of geological mapping and sampling on 7 level (21 samples), 8 level (42 samples), 9 level (18 samples) and in the winze (24 samples) plus 5 miscellaneous samples - a total 110 samples.

During the period 6-9 December 1992, David Rhys carried out a further programme collecting 106 samples, principally from #9 level and the raise between levels 8 & 9. The following section which is taken from the report by David Rhys describes the results of both of these sampling programmes.

"REPORT ON THE GEOLOGY AND SAMPLING OF THE LOWER LEVELS OF THE WAYSIDE MINE, AND RECOMMENDED DRILLING

For Wayside Gold Mines Ltd.
and Brigadier Resources Ltd.

By David A. Rhys
B.Sc., M.Sc. in prep. Geology

January 2, 1993

INTRODUCTION:

This report describes the results of a detailed sampling and geologic mapping program carried out on the 9 level of the Wayside Mine between December 6 and 9, 1992 by the author and J. Moors (B.Sc., geology), subsequent to the recent dewatering of the workings. The results of a previous program completed by Chris Sampson (of Sampson Engineering Ltd.) on 7, 8 and 9 levels, and sampling done by J. Frank Callaghan (of Wayside Gold Mines Ltd.) are also reported here.

A recent compilation by Leriche and Kidlark (1991) outlines the geologic setting, history and previous work at the Wayside Gold Mine, and the reader is referred to their report for detailed information. 10 levels of workings were developed at the mine site on a single vein system, the Main zone, between 1911 and 1952. Mining was concentrated primarily in the upper levels of the mine (0 to 5 levels). A total of 40,761 tons of ore grading 0.13 ounces per ton was produced primarily during 1936 when 37,535 tons were milled (Stevenson, 1952). The veins in some stopes were reported to have averaged from half an ounce per ton to greater than an ounce per ton over 1 to 2 feet, prior to dilution during mining at a minimum 5 foot width (Cairnes, 1937).

GEOLOGY OF THE WAYSIDE MINE:

The veins at Wayside are hosted by two phases of the Bralorne diorite. Medium-grained hornblende diorite is the most common lithology in the mine workings. The hornblende is commonly replaced by dark green to black chlorite. Hornblende granite to granodiorite intrudes in the lower mine levels, and is abundant on 9 level.

Northeast-dipping vein-filled shear zones cut the diorite and granite units. The zone which is developed by the mine workings, the Main zone, strikes 325 to 340 degrees and dips 45 to 60 degrees northeast. This zone comprises a usually 1 to 12 foot wide phyllitic to schistose zone of strongly chlorite + sericite $\pm$ ankerite $\pm$ fuchsite altered wallrock. Foliation parallel quartz-carbonate veins and veinlets are common within the shear zones. The most continuous of the veins range up to several feet in thickness and are traceable along the shear zones for tens to hundreds of feet. These veins usually consist of massive quartz and rarer ankerite. Brecciated sericite-pyrite-fuchsite altered wallrock fragments are common in some veins. Veins are often ribboned with multiple thin pyrite-arsenopyrite-graphite laminae. These laminae, and similar thin sulphide-rick black vein selvages sometimes contain flakes and streaks of gold. Silicified quartz-sulphide breccias, consisting of angular quartz fragments, 0.5-5 centimetres in diameter, set in a dark-grey matrix of purverized quartz and sulphides are developed in some veins.

Foliation within the shear zones on 7, 8 and 9 levels ranges from subvertical to shear-zone boundary parallel. Synthetic shear bands are common, and dip more shallowly than the zone itself. Slickensides and quartz fibres developed on the foliation usually plunge directly down-dip. The subvertical oblique foliation, shear bands and slickensides indicate a reverse sense of motion, with little or no strike-slip component.

Carbonate alteration strongly affects the wallrocks from a few inches up to 15 feet from the veins and shear zones, bleaching them to a cream colour (Stevenson, 1952). The carbonate, predominantly ankerite, is accompanied by silica, sericite and pyrite. The pyrite commonly replaces mafic mineral grains in the host rock. Fuchsite is common immediately adjacent to the veins. In some places, silica-carbonate alteration has altered the wallrock so pervasively that the rock is almost indistinguishable from the veins themselves. The gradational contact with less altered wallrock, however, indicate that these zones are not dilatant veins. Altered wallrock does not usually contain significant gold values (Kelly, 1972).

Ore shoots occur where lensoidal gold-bearing veins are developed in the shear zones. The stoped shoots on 7 and 8 levels and in the upper levels of the mine plunge down-dip with a slight westerly rake, approximately parallel to the slip direction on the shear zone. The shoots, and associated veins, are developed where the Main zone dips between 45 to 55 degrees, and are absent at steeper dips (60 to 65 degrees; Stevenson, 1952). This type of vein development and ore shoot control is common in systems which have a reverse sense of motion, since movement on the zone results in dilatancy of the shallower-dipping sections.

Several significant veins occur subparallel to the Main zone in its hangingwall and footwall. The most promising of these, the Notman vein, occurs 150 to 200 feet in the hangingwall of the Main zone. It is continuous for at least 1,000 feet elevation between 0 level and 9 levels in the upper mine workings, as indicated by mine plans and recent drilling

(Sampson, 1992), and probably to below 9 level, as suggested by drill intersections obtained by Chevron (e.g. drillhole 87-1, which intersected 5.2 feet of vein grading 1.84oz/t at the elevation of 9 level; Leriche and Kidlark, 1991). This vein lacks well-developed foliation and has a shallower dip than the Main zone (10-20 degrees shallower), indicating that it is predominantly dilational (Stevenson, 1952). Other veins include the 3T vein, Commodore vein, East Drift vein, and several other small veins intersected in drilling programs both in the hangingwall and footwall of the Main zone. Many of these veins, like the Notman, also have shallower dips than the main zone, and appear predominantly dilational.

9 level geology:

During the sampling program 9 level was mapped (Figure 2). The Main shear zone on this level ranges from 1 to 12 feet in thickness. Through most of 9 level, the zone has a strike ranging between 310 and 345 degrees, except in the southern third of the level, where it increases up to 350 degrees. Dip angles typically vary between 45 and 65 degrees to the east. At the south end of mine level, the dip of the zone is relatively shallow, 35 to 40 degrees. Here, the dip increases to 55 degrees as the zone enters the floor of the drift.

Several lensoidal veins are developed within the zone. The largest of these veins, at the north end of the level, is 50 feet long and up to 5 feet wide. A second major vein, in the center of the level, contains a well-developed quartz-sulphide breccia. Where the main zone dips snallowly at the south end of 9 level a third major vein is developed.

1992 SAMPLING PROGRAM:

A total of 106 samples were taken on 9 level and the raise between the south ends of 8 and 9 levels (Figure 2). The Main zone was panel sampled every 6 feet. Often more than one sample was taken if both beins and shear zone were present, and could be sampled independently. The sample width was dictated by the width of the zone, and ranged from a few inches to 5 feet. 1 to 2 kilograms of rock chips were taken across the entire face (six foot length) of the panel to provide the best representation possible of the material in each panel. Where the zone was exposed in both the back and the floor, both sides were sampled separately. The panel width was increased to 8-20 feet where zones of alteration were sampled, or where lack of variability in the structure suggested a closer spacing would be unnecessary. The samples were submitted to Chemex Labs Ltd. for gold analysis by fire assay.

This sampling program corroborates the sampling done by Chris Sampson and J. Frank Callaghan in October and November, 1992 on 5, 7, 8 and 9 levels. A total of 81 samples were taken by Chris Sampson on these levels (7 level 21 samples; 8 level 42 samples; 9 level 15 samples) and 16 by J. Frank Callaghan. These were also analysed by Chemex Labs.

Sample locations are results are shown in Figure 2 and Appendix 2.

SAMPLING RESULTS:

9 Level:

No significant gold assays were obtained from this level (Appendix 2, Table 1). Only 11 samples returned gold values>0.030 oz/t gold. These were as follows:

#554167 (0.049 oz/t) and #554244 (0.033 oz/t), of shear zone with quartz breccia vein; #554171 (0.039 oz/t), #554198 (0.039 oz/t) and #554200 (0.032 oz/t) of quartz veins; #554183 (0.031 oz/t) and 554240 (0.037 oz/t) of shear zone with quartz veinlets and gouge; #554192 (0.044 ozt) of carbonate-altered wallrock with quartz veinlets; #554201 (0.033 oz/t) and #554203 (0.030 oz/t) of thin (3-6") vein-filled shear zones at the north end of 9 level.

Where veins and shear zone were sampled separately at individual sample intervals, veins usually returned higher assays than the shear zones. Quartz-sulphide breccia veins, known to contain good gold grades in the upper mine levels (Stevenson, 1952), and common in the central portion of 9 level, returned low gold values, generally less than 0.004 oz/t.

The 18 samples collected by Chris Sampson on 9 level returned similar results to those described above. Only two samples from the south end of 9 level, returned values greater than 0.030 oz/t (#06922 /0.043 oz/t/ of quartz vein, and #06920 /0.033 oz/t/ of shear zone with fault gouge).

Raise, between the south end of 8 and 9 level:

Two samples from the raise returned gold assays over 0.03 oz/t gold. Both of these samples (#554303, 0.068 oz/t and #554309, 0.046 oz/t) were of shear zone material with quartz veins and veinlets. A selected grab sample taken from a muckpile at the base of the raise on 9 level by J. Frank Callaghan assayed 2.63 oz/t gold (Sample 101391; Table 6). The sample was taken of ribboned quartz vein material. The source of this material is not know, but it is probably muck from the last mined material on 8 level, since the veins in the raise do not have this grade.

7 and 8 levels:

12 samples taken by Crhis Sampson on these levels returned values close to or greater than 0.1 oz/t gold:

Sample #	Au (oz/t)	Width (m)	Description
42702	0.264	1.3m	Shear vein
09695	0.098	1.9m	Shear zone
09700	0.304	0.75m	Shear vein
09657	0.120	0.8m	Shear vein
09665	0.220	0.6m	Quartz vein
09667	0.542	0.8m	Quartz vein
42721	0.112	-	Quartz vein
42745	0.436	1.6m	Sheared vein
09677	0.120	0.6m	Quartz vein
09689	0.091	0.2m	Quartz vein
06904	0.313	0.46m	Ribboned vein
06905	0.142	0.91m	Breccia vein

Seven chip samples were taken on 7 level and one on 8 level in November, 1992 by J. Frank Callaghan (Appendix 2, Tables 3 and 4, respectively). Three significant results were obtained:

(i) Sample 542466, taken at the same location as sample 42745 (above) from the Main zone 8 feet south of the winze on 7 level, returned 1.467 oz/t gold.
(ii) Sample 542465, was taken from the faulted footwall of the Main zone 6 feet north of the winze on 7 level returned 0.673 oz/t gold.
(iii) Sample 542468, taken from a pillar of vein in the stoped area of 8 level, near sample 09667, returned 2.287 ozt gold.

Most of these samples listed above were taken in stoped areas from unmined pillars and remnants of the Main zone. These stoped areas define at least two westerly-plunging ore shoots:

The first of these shoots is reflected by samples 09667, 09665, 06904, 06905 and 542468 on 8 level and 09689 on 7 level. The workings plan (Figure 2) show that this ore shoot is almost completely mined out. The western end of this shoot projects through the trace of the raise between 8 and 9 levels. However, mapping and sampling in this raise (Figure 2) demonstrate that the shoot has thinned, and the gold grade has dropped, indicating that teh shoot has ended. The disappearance of the 8 level zone halfway down the raise suggests that the lower end of the shoot does not continue to 9 level, and that the 9 level zone may represent a different structure, en echelon in the footwall of the 8 level zone. Thus, little tonnage may remain of this shoot between 8 and 9 levels.

The second ore shoot, represented by samples 09657 and 09700 on 8 level, and by 09678 and 09677 on 7 level, has also been stoped between the two levels. The lack of anomalous samples on 9 level suggest that this shoto does not project to that level.

A third possible ore shoot is suggested by samples 42745, 42721, 542466 and 542465, which occur adjacent to each other on the south and north sides of the winze on 7 level. These may indicate the presence of an ore shoot which terminates before reaching 8 level, since the grades do not project to that level.

The remaining anomalous samples occur at the north ends of 7 and 8 levels. Sample 42702 is from a small stoped area at the north end of 8 level. Sample 09695 occurs in isolation on central 8 level.

The highest grades come from quartz veins with well-developed sulphide ribboning, some of which are faulted by later (post-vein) movement. The lack of well ribboned veins on 9 level may explain the low gold grades obtained.

Notman Vein:

In addition to all of the samples described above, J. Frank Callaghan took 6 samples from the Notman vein on 5 level in October, 1992. One of the samples returned 0.508 oz/t gold (sample 542456; Table 5)."

4. TOPOGRAPHIC SURVEY

An orthophoto had been made of the property in 1985 by Hugh Hamilton Ltd. and during the Chevron Minerals option of the property. Chevron's surveyors tied in several of the important surface topographic features, particularly mine portals, diamond drill collars, etc. These were plotted on the orthophoto base at scale 1:2000 and 1:5000. The resultant maps of the property were then quite accurate, but comparison of drill sections with underground data indicated a discrepancy between the original mine survey elevations and surface data of approx. 50 feet. We therefore retained Mr. Larry Marshik to run a topographic survey, which tied in various surface features to the #5 level portal, ran along the #5 level and down the winze to level 7, 8 & 9. The survey confirmed that locations indicated on the 1:2000 and 1:5000 scale maps of the property are accurate. Marshik also calculated that the elevation of the #5 portal as snown by a red spad in the roof is 672.66 metres ASL (2206.99 feet). The original mine survey (1936) had shown the elevation of #5 portal at 2147.6 feet. Marshik survey confirmed that the distance between levels is as shown on the original mine survey and thus it is clear that the original mine survey underestimated the elevation of the initial reference point by 59.39 feet. All elevations in the mine workings have therefore been increased by 59.39 feet. All surface elevations had been correctly calculated by Chevron surveyors and plotted at correct elevations on the 1:2000 and 1:5000 surface maps.

5. UNDERGROUND DRILLING JANUARY-APRIL 1993

During January-April 1993, a programme of underground drilling consisting of 27 holes, totalling 5,552 feet was carried out using a compressed air operated small JV diamond drill which produced AQ core and was operated principally by Mr. Larry Gagnon.

Locations of these holes are shown on Figure 2. Details are as follows:

Hole No.	Bearing	Dip(°)	Length (ft)	Comments
From Set Up A (9 level at winze)				
9-1	050	0	362	Target:
9-2	050	+14	202	Notman vein
9-3	065	+14	190	
9-4	065	+40	112	
9-5	050	-18	222	
9-6	065	-20	242	
9-7	035	-20	317	
9-8	065	-55	327	Target: Main vein
9-9	065	-50	292	Shear down dip
9-10	065	-65	55	below 9 level
From Set Up B (9 level 60 m. south of winze)				
9-11	065	-55	402	Target: Main vein
9-12	065	-45	350	below 9 level,
9-13	065	-65	152	i.e. down dip
9-14	075	-50	350	
From Set Up C (9 level hanging wall x cut)				
9-15	205	-85	182	Target: Main vein
9-16	205	-70	232	Shear below s. end
9-17	180	-80	193	9 level from
9-18	185	-60	127	hanging wall, i.e.
9-19	150	-60	196	not down dip
9-20	070	-20	92	Notman vein
9-21	307	-64	172	To intersect Main vein
9-22	345	-65	165	in area of 9-11 Main vein

Hole No.	Bearing	Dip(°)	Length (ft)	Comments
From Set Up D (9 level large room, southern end)				Target: down plunge of Main vein below slopes.
9-23	120	-25	58	Abandoned due to poor ground.
9-24	100	-35	237	
9-25	120	-25	28	Abandoned - high water flow.
9-26	135	-15	223	
9-27	070	-50	72	Downdip; abandoned due to caving.
Total Footage Drilled:			5552 ft.	

Intersections of the two veins (Wayside Main vein/shear zone and Notman) were as follows:

Holes 93 9-1 to 7: Drilled from Set Up A by the Grizzly in front of the Winze on 9 level. This location provided a high back (the Winze) for easy movement of drill rods. All 7 holes were aimed at the Notman vein to locate and explore the intersection discovered by Chrevron Minerals in Hole 87-1: 588.61-593.86 ft. (179.4-181.0 m.), i.e. 5.25 ft. which assayed 1.84 oz/ton gold.

All 7 of the holes intersected the Notman vein as follows:

Hole	Bearing	Dip	Intersection(ft)	Assay oz/t Au	Comments
9-1	050	0°	138.4-141.0	0.001	Notman vein
			141.0-144.0	0.001	
9-2	050	+14°	69.5- 72.0	0.003	Notman vein
			72.0- 74.0	0.028	Alteration
9-3	065	+14°	89.8- 91.0	0.002	Notman vein
			91.0- 92.0	0.002	Alteration
9-4	065	+40°	37.5- 40.0	0.0005	Notman vein
9-5	050	-18°	193.6-196.3	0.0005	Notman vein
9-6	065	-20°	148.5-149.5	0.0005	Notman vein
9-7	035	-20°	180.5-183.0	0.0015	Weak alteration
			183.0-186.0	0.0005	+ vein probably Notman

Holes 93 9-8 to 10: Also drilled from Set Up A but drilled in order to explore the Main Wayside Shear/Vein Structure down dip:

Hole	Bearing	Dip	Intersection(ft)	Assay oz/t Au	Arsenic ppm	Comments
9-8	065	-55	8.5- 12.5	0.0180	660	Main vein
			12.5- 14.5	0.0105	458	
			213.5-217.0	0.009	1180	Alteration
			217.0-222.0	0.0175	2950	in Bralorne
			222.0-227.0	0.0175	3150	diorite
			272.0-322.0/50ft.	0.0417	4500	Alteration in Bralorne diorite
9-9	065	-50	26.8- 32.0	0.0005	48	Main vein
			132.0-136.0	0.067	3700	
9-10	065	-65	12.0- 15.0	0.0105	810	Main vein
			15.0- 18.0	0.0090	488	

Holes 93 9-11 to 14: Drilled from Set Up B to 9 level approx. 60 m. south of the Winze, in front of a raise to 8 level which provided a high back for ease of moving drill rods. The holes explored the Main Wayside Shear/Vein down dip:

Hole	Bearing	Dip	Intersection(ft)	Assay oz/t Au	Arsenic ppm	Comments
9-11	065	-55	135-140	0.0130	2090	Alteration
			140-145	0.018	1360	
			145-148	0.298	5220	Main vein
			148-152.5	0.015	1590	
			152.5-155.0	0.0210	2940	
			(135-155) 20 ft.	0.058	2370	
9-12	065	-45°	115-160 (45 ft)	0.0241	2493	Alteration
			170-180 (10 ft)	0.0550	6085	in soda granite
9-13	065	-65°	13.0- 23.5 (10ft)	0.0160	930	Main vein
9-14	075	-50°	115-132 (17 ft)	0.010	769	Alteration in soda granite

Holes 93 9-15 to 22: Drilled from Set Up C on 9 level at the end of a crosscut in the Hanging Wall. Hole 9-20 at 0° dip was drilled to explore the Notman vein in this locality. The other holes explored the Main Shear/Vein on both sides of the crosscut:

Hole	Bearing	Dip	Intersection (ft)	Comments	Gold (oz/ton)	Arsenic (ppm)
9-15	205	-85	72.0- 91.5	Main vein	0.033	Not assayed
			91.5-127.0 (35.5)	Alteration and veining in footwall	0.047	" "
			117-122 (5.)		0.2425	" "
9-16	180	-80	69- 70	Main vein	0.020	2890
			72- 77		0.575	4270
			77- 82		0.0480	8410
			82- 87		0.0300	4050
			87- 92		0.0205	2540
			92- 94		0.0190	1710
9-18	185	-60	68- 70		0.230	3180
			70- 75		0.0220	1840
			75- 80		0.0200	1860
			80- 92		0.0065	974
			82- 87	Main vein	0.0045	220
			87- 92		0.0055	360
			92- 97		0.0010	8
			97-102		0.0180	40
			102-107		0.0030	218
			107-112.5		0.0010	138
9-19	150	-60	84- 87	Main vein	0.0005	90
			87- 92		0.0035	304
			92- 97		0.0045	540
			97-102.5		0.0045	530
			102.5-112.5		0.0010	138
9-19	150	-60	84- 87	Main vein	0.0005	90
			87- 92		0.0035	304
			92- 97		0.0045	540
			97-102.5		0.0045	530
			102.5-107	Altered Bralorne Diorite)		
9-20	070	-20°	39.5-42.5	Notman vein	0.0005	35
9-21	307	-64	87- 92		0.0005	8
			92- 97	Main vein	0.0020	160
			97-102		0.0410	3720
			102-107		0.0545	4730

Hole	Bearing	Dip	Intersection (ft)	Comments	Gold (oz/t)	Arsenic (ppm)
9-22	345	-65	97-100	Main vein	0.0390	6430
			112.5-115		0.0515	5750
			115-120		0.0180	3100
			135-138	Altered diorite	0.0615	9250

Holes 9-23 to 9-27 were drilled from Set Up D (in large room extreme south end of 9 level):

9-23	120	-25	35- 37	Altered diorite	0.0005	138
9-24	100	-35	86.8- 92.0	Hole was	0.0120	1370
			92.0- 97.0	drilled down	0.0130	62
			97.0-102.0	plunge of	0.0125	1285
			102.0-107.0	mineralization	0.0185	3290
			107.0-112.0	in vein	0.0065	642
			112.0-117.0		0.0020	136
			117.0-122.0		0.0070	1610
			122.0-127.0		0.0100	1140
			127.0-132.0		0.012	
			132.0-137.0		0.005	
			137.0-140.2		0.004	
9-25	120	-25	Attempt to redrill 9-23 was also abandoned at 28 ft. due to high water pressure and caving ground.			
9-26	135	-15°	107.5-163.1	Drilled down vein, sampled at 5 ft. lengths but only low values ranging 0.011 to 0.052 oz/t Au.		
9-27	070	-50°	Attempted to drill down dip. Abandoned at 72 ft. due to caving.			

REFERENCES

Cairnes, C.E. (1937): Geology and Mineral Deposits of the Bridge River Mining Camp, British Columbia; Geological Survey of Canada, Memoir 212, 140 pages.

Elwell, J.P. (1980): Report on the Exploration of the Wayside Property; Carpenter Lake Resources Ltd., internal company report, 14 pages.

Kelly, S.F. (1972): Report to Dawson Range Gold Mines on the Wayside Mine Property.

Leitch, C.H.B. (1990): Bralorne: a Mesothermal, shield-type vein gold deposit of Cretaceous age in southwestern British Columbia; Canadian Institute of Mining Bulletin, September, 1990, pages 53-80.

Leriche, P.D., and Kidlark, R.G. (1991): Summary Geological Report on the Wayside Property; Reliance Geological Services Inc., 50 pages.

Rhys, David A. (1993): Report on the Geology and Sampling of the Lower Levels of the Wayside Mine and Recommended Drilling for Wayside Gold Mines and Brigadier Resources.

Sampson, C. (1992): 1991 Drill Program, Wayside Gold Mine; Sampson Enginering Ltd., 4 pages.

Stevenson, J.S. (1952): Wayside; unpublished British Columbia Department of Mines Open File, 14 pages.

CERTIFICATE

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

1. I am a graduate (1966) of the Royal School of Mines, London University, England with a Bachelor of Science degree (Honours) in Economic Geology.

2. I have practised my profession of mining exploration for the past 26 years in Canada, Europe, United States and Central America. For the past 16 years I have been based in British Columbia.

3. I am a consulting geologist. I am a registered member in good standing of the Association of Professional Engineers of British Columbia.

4. I have written several reports on properties within 10 kilometres of the Wayside Mine.

5. I have not received, nor do I expect to receive, any interest, direct or indirect, in the properties or securities of Wayside Gold Mines Ltd./Brigadier Resources Ltd. or their associated companies.

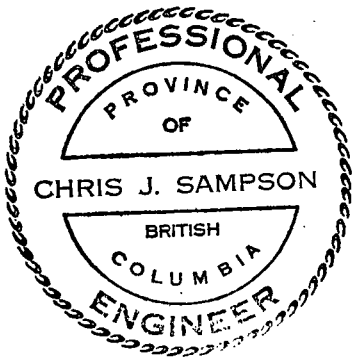
6. Wayside Gold Mines Ltd./Brigadier Resources Ltd. and affiliates are hereby authorized to use this report in, or in conjunction with, any prospectus or statement of material facts.

7. I have no interest in any property or company holding property within 10 kilometres of the Wayside claims.

Chris J. Sampson

Vancouver, B.C.
18 May 1993

Christopher J. Sampson, P.Eng.
Consultant Geologist



SAMPSON ENGINEERING INC.
2696 West 11th Avenue
Vancouver, BC V6K 2L6

APPENDIX 1

Surface Diamond Drill Programme (30 October-17 November 1991)

DRILL LOGS

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

DIAMOND DRILL RECORD

PROPERTY WAYSIDE.

HOLE No. WS 91-1.

1ft = 30.5cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-85°	

Hole No. WS 91-1 Sheet No. _____
Section _____
Date Begun 30 OCTOBER 91.
Date Finished 4 NOVEMBER 91.
Date Logged 4 NOVEMBER 91.

Lat. _____
Dep. _____
Bearing 232°.
Elev. Collar 2195 Ft.

Total Depth 843 ft.
Logged By CHRIS SAMPSON
Claim _____
Core Size BQ

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au(ppb)	As(ppm)		
0	38		CASING.								
38	843		BRALORNE DIORITE.								
			gray green medium grained with some serpentine, talc along fractures and 1 mm-5cm quartz stringers at various L's to C/A.								
			63.0-67.0 prob. Soda Granite, v. siliceous, minp. 90.5-91.2 1cm vein cpy								
			90.5-91.7, 104.9-105.2 Soda granite 148.9-149.5, Soda Granite	42711	90.5	91.2		4	5		
			149.0-150.0 Quartz vein unmin HW cont 10°C/A FW 50°C/A.								
			161.5-169.0 QUARTZ VEIN contacts missing. quartz	A2709	161.5	165.0		5	104		
			minp. much cpy.	42710.	165.0	169.0		3	92		
			277.6-278.3 Soda. Granite HW contact missing								
			FW contact at 30°C/A.								
			304.6-304.9 qv. contacts at 40° C/A.								
			323.5-324.0 qv contacts 80° C/A.	42712	323.5	324.0		8	2		

DIAMOND DRILL RECORD

PROPERTY _____ HOLE No. WS91-1.

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. _____ Sheet No. _____ Lat. _____ Total Depth _____

Section _____ Dep. _____ Logged By _____

Date Begun _____ Bearing _____ Claim _____

Date Finished _____ Elev. Collar _____ Core Size _____

Date Logged _____

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au (ppb)	As (ppm)		
			349.5-350.0 fg marg pyrite in silicified section.								
			352.0-359.0 Soda Granite.								
			388.0-389.0 qv. contacts 60°C/A irreg.								
			473.7-480.5 Soda Granite diss + fract filling py. contacts irregular								
			542.2-542.5 qv contacts 45°C/A.								
			544.6-544.8 qv. both contacts missing 0.2-0.3ft silicification HW and FW side.	42701	544.4	545.0		5	3		
			568.3-571.8 - SODA GRANITE: blue gy quartz, approx diss py + sulphides: HW contact 35°C/A. FW contact 60°C/A.	42702	568.3	571.8		4	2		
			573.7-582.0 SODA GRANITE: blue gy quartz some dissem. py. HW cont 20°C/A, FW not discernible.								
			585.7-586.3, 587.5-588.4, SODA GRANITE some dissem py.								
			605.1-606.4 SODA GRANITE: white quartz with many fine grey partings, approx. carbonate dissem assoc. HW contact - 45°C/A FW contact broken.	42703	605.1	606.4		3	9		

DIAMOND DRILL RECORD

PROPERTY ______________________ **HOLE No.** WS 91-1.

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. ________ Sheet No. ________ Lat. ________ Total Depth ________

Section ________ Dep. ________ Logged By ________

Date Begun ________ Bearing ________ Claim ________

Date Finished ________ Elev. Collar ________ Core Size ________

Date Logged ________

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	(ppb) Au	(ppm) As		
			609.9-610.4 SODA GRANITE:- contacts 60° C/A.								
			611.5-615.3 SODA GRANITE: contacts missing								
			blue grey quartz some carbonate, minor								
			dissem sulphides								
			627.1-628.0 SODA GRANITE: bl. gy qtz, contacts								
			45° C/A.								
			629.1-630.4 SODA GRANITE: apprec. diss py.	42704	629.1	630.4		3	3		
			637.4-638.5 QUARTZ VEIN: 0.1 ft 5° C/A unmin.								
		LOST CORE	668.5-675.2 WAYSIDE SHEAR ZONE: Strong	42705	668.5	672.4		180	10.8		
		50% REC.	schistosity at 15°-20° C/A some narrow	42706.	672.4	679.0		4	7		
			qvs - irregular and fractured 672.5-674.0								
			mylonitized, very soft ie. serpentine gouge								
			675.2-681.4 QUARTZ VEIN with fg mariposite								
			much dissem ankerite. Fw contact 45° C/A	42707	679.0	683.0		7	118		
			705.0-709.2 fs ttp aplite Fw contact 60° C/A,	42708	683.0	684.4		2	52		
			719.5-728.3 fsttp aplite Fw contact 60° C/A.								
			734.1-741.0 SODA GRANITE.								
			HW contact 60° C/A Fw contact								
			missing								

DIAMOND DRILL RECORD

PROPERTY _____ HOLE No. WS 91-1.

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. _____ Sheet No. _____ Lat. _____ Total Depth _____

Section _____ Dep. _____ Logged By _____

Date Begun _____ Bearing _____ Claim _____

Date Finished _____ Elev. Collar _____ Core Size _____

Date Logged _____

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE
			752.7 – 756.5: FELDSPAR PORPHYRY DIKE				
			1mm fs phenocrysts in grey massive				
			aplite matrix. HW, FW contacts at 5-10° C/A				
			756.7 – 777.0 SODA GRANITE: HW contact				
			sharp at 10° C/A. FW contact gradational				
			Matrix white to pale grey, leucocratic, py				
			along hairline fractures				
			809.0 – 821.0 Carbonate alteration: very fg.				
			not mineralized				
	843		END OF HOLE.				

DIAMOND DRILL RECORD

PROPERTY _____ HOLE No. WS 91-2.

1ft = 30.5cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-80°	

Hole No. 91-2. Sheet No. _____ Lat. _____ Total Depth 733Ft.

Section _____ Dep. _____ Logged By C. SAMPSON

Date Begun 3 NOV 91. Bearing 246° Claim _____

Date Finished 8 NOV 91. Elev. Collar 219.5° Core Size _____

Date Logged 8 Nov 91.

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	(ppb) Au	(ppm) As.		
0	34		CASING.								
34	733		BRALORNE DIORITE								
			massive green to dark green, medium to coarse grained								
			48.0-53.0 well altered with 0.1-0.2Ft qvs. disseminated Kerite								
			69.5-87.7 carb, silic. alteration some veining + marip.								
			127.1-127.3 Soda Granite								
			146.3-146.7 Soda Granite	42713.	176.0	176.6		11	87		
			178.7-184.8 QUARTZ VEIN: appreciable marip, carb,	42714	178.6	181.5		6	74		
			(177.2-179.6 Rubbaning at ~45°C/A) 176.0-178.7	42715	181.5	184.6		5	2.		
			increasing carb. alteration								
			204-208 barren qv along core axis								
			213.5-214.6 veining + silicification contacts 45°C/A.								
			215.0-215.8 Quartz Vein good marip on FW.								
			263.6-283.9 Quartz vein - barren.								

DIAMOND DRILL RECORD

PROPERTY _____ HOLE No. WS 91-2.

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. _____ Sheet No. _____ Lat. _____ Total Depth _____

Section _____ Dep. _____ Logged By _____

Date Begun _____ Bearing _____ Claim _____

Date Finished _____ Elev. Collar _____ Core Size _____

Date Logged _____

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	(ppb) Au	(ppm) As		
			312.7-313.0 Quartz Vein: barren contacts missing								
			313-320. Some quartz veining 0.1-0.3 ft.								
			manip alt.								
			320.0 - 321.3 barren meg. qv. contacts irreg. at 10°C/A.								
			417.4 - 419.0 HW contact 30°C/A. FW contact	42716.	417.4	419.0		3	9		
			60°C/A. Quartz vein some ribboning								
			431.3 - 483.0 manposte, some siliceous alt.								
			450.0 - 456.0 Soda Granite								
			485.5 - 495.8 Soda Granite (485.5-486.0 ankerite								
			alt. some qvs. also 491-493) 504.7-504.9 qv.								
			contacts 60°C/A. barren.	42717	586.0	588.0		1	2		
			528.5 - 588.0 Soda Granite: gradational	42718	588.0	592.0		420	1803		
			HW contact. Uniform	42719.	592.0	596.0		290	1014		
				42720	596.0	599.0		3	37		
			588.0 - 615.4 WAYSIDE MAIN VEIN								
			pale grey to white quartz with fine ribboning	42721	599	603.0		4	51		
			apprec. manposte, disseminated pyrite, some ankerite	42722	603	607.0		17	124		
			588.0 Sharp contact 50°C/A.	42723	607	611.0		33	277		
			615.4 FW contact sharp at 50°C/A.	42724	611	614.0		144	319		
			595.0 - 597.0 much gouge at 10°C/A.	42725	614	615.4		51	216		
				42726	615.4	618.0		5	5		

NEVILLE CROSBY IND.
TELEPHONE: USE-4343

DIAMOND DRILL RECORD

PROPERTY _____ HOLE No. WS 91-2.

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. _____ Sheet No. _____
Section _____
Date Begun _____
Date Finished _____
Date Logged _____

Lat. _____
Dep. _____
Bearing _____
Elev. Collar _____

Total Depth _____
Logged By _____
Claim _____
Core Size _____

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE
			648.5 - 649.3 Soda Granite.				
			681.9 - 683.0 Silicification and some anhydrite				
	733		733.0 END OF HOLE.				

DIAMOND DRILL RECORD

PROPERTY _____ HOLE No. WS 91-3

1 ft = 30.5 cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-75°	

Hole No. WS 91-3 Sheet No. _____ Lat. _____ Total Depth 743 ft.

Section _____ Dep. _____ Logged By CHRIS SAMPSON

Date Begun 9 NOV 91. Bearing 260° Claim WAMSIDE.

Date Finished 13 NOV 91. Elev. Collar 2195 ft Core Size BQ.

Date Logged 20 NOV 91.

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au oz/t.			
0.	34		CASING.								
34	743		BRAL ORNETDIORITE.								
			183.5 - 194.0 vneg qvs and manp.	A2742	183.5	189.0		0.001			
				A2743	189.0	194.		0.001			
			563.0 - 567.0 qv. some manposite								
			567.0 . 0.1 ft fault gouge,	A2744	563.0	567.0		0.001			
	743		END OF HOLE.								

NEVILLE CROSBY IND.
TELEPHONE: USE-4343

DIAMOND DRILL RECORD

PROPERTY _____ **HOLE No.** WS 91-4.

1 ft = 30.5 cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-70°	

Hole No. WS 91-4 Sheet No. _____ Lat. _____ Total Depth 733 FT.

Section _____ Dep. _____ Logged By CHRIS J. SAMPSON

Date Begun 14 NOV 91. Bearing 218 Claim WAYSIDE

Date Finished 17 NOV 91. Elev. Collar 2195 ft. Core Size BQ

Date Logged 20 NOV 91.

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au oz/t.
0	40.		CASING.					
40	733		BRALORNE DIORITE.					
			MASSIVE medium to coarse grained green mottled, some dark green sections					
			156.5 - 156.6 qv. 45° c/a. wm min.					
			153 - 193. Soda granite, irreg contacts					
			189.9 - 190.3 qv. contacts 20° c/a. wm min.					
			218.4 - 218.5 qv. 45° c/a.					
			268 - 322. Soda granite.					
			278 - 286 Carbonate + minp alteration	42739	278	282		0.001
				42740	282	286		0.006
			384.0 - 385.0 quartz vein (barren)	42741	384.0	385.0		0.001
			384 - 440. Soda Granite.					
			452.0 - 511.5 Alteration Zone: Ankerite and	42727	473	478		0.004
			from 470 → vein intense manpos.te	42728	478	483		0.001
			irreg veining and diosem fg, aspy.	42729	483	488		0.001
				42730	488	493		0.002

DIAMOND DRILL RECORD

PROPERTY _____ **HOLE No.** WS 91-4

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. _____ Sheet No. _____ Lat. _____ Total Depth _____

Section _____ Dep. _____ Logged By _____

Date Begun _____ Bearing _____ Claim _____

Date Finished _____ Elev. Collar _____ Core Size _____

Date Logged _____

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au oz/t.
			511.5 – 519.0 MAIN WAYSIDE VEIN: variable amount	42731	493	498		0.001
			white qtz, frct diorite, much fg aspy on fracts	42732	498	503		0.001
			518.0 approx 0.1A gouge, approx 45°C/A.	42733	503.0	508.0		0.001
			519.0 – 550.0 Soda granite.	42734	508.0	511.5		0.001
			486.8 – 487.0 fault gouge, soft serpentinite	42735	511.5	515.0		0.001
				42736	515.0	519.0		0.012
			589.4 – 591.9 Soda granite.	42737	519.0	523.0		0.006
				42738	523.0	528.0		0.003
			663.5 – 664.2 qv. barren.					
	733.4		733.4 END OF HOLE					

NEVILLE CROSBY IND.
TELEPHONE: USE-4343

APPENDIX 2

Undrground Sampling Programmes
J. Frank Callaghan Oct., Nov. 1992
Chris J. Sampson, 5-9 November 1992
David A. Rhys 6-9 December 1992

ASSAYS

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

TABLE 1
WAYSIDE 9 LEVEL SAMPLING BY D. RHYS AND J. MOORS

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

[redacted] GO[redacted]NES [redacted]

604 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : FALL-93
Comments:

[redacted]umbe[redacted]
Total Pa[redacted] :1
Certifica[redacted]ate: 29-OCT-92
Invoice No. : I9223437
P.O. Number :
Account :JLI

#5 LEVEL

CERTIFICATE OF ANALYSIS A9223437

SAMPLE	PREP CODE		Au oz/T
542451	208	274	0.019
542452	208	274	0.002
542453	208	274	0.013
542454	208	274	0.004
542455	208	274	0.003
542456	208	274	0.508

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: WAYSIDE GOLD MINES LTD.

604 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : WAYSIDE 9L SAMPLING
Comments: ATTN: FRANK CALLAGHAN CC: DAVID RHYS

Certificate Date: 15-DEC-92
Invoice No. : I9226345
P.O. Number :
Account : JLI

9 LEVEL

CERTIFICATE OF ANALYSIS A9226345

SAMPLE	PREP CODE		Au oz/T					SAMPLE WIDTH (FEET)		SAMPLE LENGTH (FEET)		
554151	208	274	< 0.001	Altered diorite				3.0		9		
554152	208	274	< 0.001	" "	, with qz-sericite fuchsite veins			3.0		9		
554153	208	274	< 0.001	" "	" " " " "			3.5		12		
554154	208	274	0.011	[illegible]	Altered wallrock with veinlets			6.0		15		
554155	208	274	0.003	Quartz vein				2.0		6		
554156	208	274	< 0.001	Shear zone				2.5		6		
554157	208	274	0.002	Quartz vein				1.5		6		
554158	208	274	0.002	Shear zone, some vein				2.5		6		
554159	208	274	0.002	Shear zone				3.0		6		
554160	208	274	< 0.001	" "				3.0		6		
554161	208	274	< 0.001	Shear zone, some veins				3.5		6		
554162	208	274	0.018	" " " "				1.5		6		
554163	208	274	0.006	" " " "				3.0		6		
554164	208	274	0.007	Shear zone				4.0		6		
554165	208	274	0.010	" "				4.0		6		
554166	208	274	0.010	Quartz vein				1.0		6		
554167	208	274	0.049	Shear zone with breccia vein				3.0		6		
554168	208	274	0.020	Quartz vein + altered Footwall.				5.0		6		
554169	208	274	0.004	Quartz vein				3.25		6		
554170	208	274	0.004	" "	and shear zone			4.0		6		
554171	208	274	0.039	Quartz vein				0.5		6		
554172	208	274	0.004	Qz-sulphide breccia vein.				4.0		6		
554173	208	274	0.002	" " " "				3.0		6		
554174	208	274	< 0.001	" " " "				2.0		6		
554175	208	274	< 0.001	" " " "				2.5		6		
554176	208	274	0.012	Altered + veined footwall to zone				3.0		6		
554177	208	274	< 0.001	Breccia vein + shear zone				1.0		6		
554178	208	274	< 0.001	Breccia vein				2.0		6		
554179	208	274	< 0.001	Breccia vein and shear zone				2.5		6		
554180	208	274	< 0.001	Altered + veined footwall + breccia vein.				3.5		6		
554181	208	274	< 0.001	Shear zone + breccia vein				3.0		6		
554182	208	274	< 0.001	" " " "				2.5		6		
554183	208	274	0.031	Shear zone, some veins. Muscovite in vein.				2.0		6		
554184	208	274	0.017	" " " "				2.5		6		
554185	208	274	0.011	Altered wallrock with vein stockwork.				2.0		6		
554186	208	274	0.009	Altered wallrock + thin shear zone.				1.5		6		
554187	208	274	< 0.001	" " " "				1.5		6		
554188	208	274	< 0.001	" " " "				4.0		6		
554189	208	274	0.018	Vein and Fault zone.				1.5		6		
554190	208	274	0.004	Altered + veined Footwall.				2.0		6		

CERTIFICATION: [signature]

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: WAYSIDE GOLD MINES LTD.

604 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project: WAYSIDE 9L SAMPLING
Comments: ATTN: FRANK CALLAGHAN CC: DAVID RHYS

Certificate Date: 15-DEC-92
Invoice No. : I9226345
P.O. Number :
Account :JLI

9 LEVEL

CERTIFICATE OF ANALYSIS A9226345

SAMPLE	PREP CODE		Au oz/T		SAMPLE WIDTH (FEET)	SAMPLE LENGTH (FEET)
554191	208	274	0.011	Altered footwall + gouge zone.	2.5	6
554192	208	274	0.044	Altered footwall + stockwork.	2.5	6
554193	208	274	0.025	Gouge zone + altered footwall.	2.0	6
554194	208	274	0.020	Altered footwall + gouge zone.	3.5	6
554195	208	274	0.007	Qz breccia + altered footwall.	2.5	6
554196	208	274	0.020	" " " "	3.5	6
554197	208	274	0.007	" " " "	3.5	6
554198	208	274	0.039	Qz vein + altered footwall.	3.5	6
554199	208	274	< 0.001	Qz vein, brecciated.	3.5	6
554200	208	274	0.032	" " " with altered footwall.	2.5	6
554201	208	274	0.033	6" shear vein.	0.5	
554202	208	274	< 0.001	8" " "	0.7	
554203	208	274	0.030	3" " "	0.25	
554204	208	274	< 0.001	Shear zone + fault gouge.	3.0	9
554205	208	274	< 0.001	Shear zone	8.0	
554206	208	274	< 0.001	Shear zone.	5.0	10
554207	208	274	< 0.001	5" shear vein.	0.45	10
554208	208	274	0.004	Quartz vein.	1.0	6
554209	208	274	< 0.001	Shear zone	1.2	6
554210	208	274	0.004	Quartz vein.	1.0	6
554211	208	274	0.007	Quartz vein	2.0	6
554212	208	274	0.006	Shear zone	0.8	6
554213	208	274	0.010	Quartz vein	2.0	6
554214	208	274	0.004	Shear zone.	1.5	6
554215	208	274	0.002	Quartz vein with altered wallrock.	3.8	9
554216	208	274	< 0.001	Quartz vein	3.0	6
554217	208	274	0.003	Shear zone.	1.0	6
554218	208	274	0.002	" "	4.0	6
554219	208	274	0.002	" "	2.5	6
554220	208	274	0.024	" "	3.0	6
554221	208	274	0.004	" "	3.0	6
554222	208	274	0.005	" "	3.0	6
554223	208	274	0.010	" "	3.5	4
554224	208	274	< 0.001	" "	2.0	6
554225	208	274	0.014	Quartz vein	1.3	6
554226	208	274	0.001	Shear zone	1.7	6
554227	208	274	0.007	Quartz vein.	2.0	6
554228	208	274	0.005	Shear zone with clay gouge.	1.5	6
554229	208	274	0.011	Quartz vein.	1.4	6
554230	208	274	0.015	Shear zone, with clay gouge.	1.6	6

CERTIFICATION: [signature]

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

TO: WAYSIDE GOLD MINES LTD.
604 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : WAYSIDE 9L SAMPLING
Comments: ATTN: FRANK CALLAGHAN CC: DAVID RHYS

Page Number :3
Total Pages :3
Certificate Date: 15-DEC-92
Invoice No. :19226345
P.O. Number :
Account :JLI

9 LEVEL.

CERTIFICATE OF ANALYSIS A9226345

SAMPLE	PREP CODE		Au oz/T					SAMPLE WIDTH (FEET)		SAMPLE LENGTH (FEET)		
554231	208	274	0.014	Shear zone	with veins			2.9		6		
554232	208	274	0.006	Shear zone,	fuchsitic,			3.5		6		
554233	208	274	0.004	" "	with gouge			2.5		6		
554234	208	274	0.001	" "				3.0		6		
554235	208	274	0.002	" "	" "			3.6		6		
554236	208	274	< 0.001	Shear zone,	with sulphide-qz breccia vein.			3.1		6		
554237	208	274	< 0.001	Shear zone.				3.5		6		
554238	208	274	< 0.001	Shear zone	with gouge.			1.0		6		
554239	208	274	0.003	Shear zone	+ ribboned vein.			1.1		9		
554240	208	274	0.037	Shear zone	with gouge.			1.6		6		
554241	208	274	0.009	Qz-sulphide	breccia vein + shear zone.			1.5		6		
554242	208	274	0.012	Shear zone.				1.5		6		
554243	208	274	0.008	Shear zone	with brecciated quartz.			2.0		6		
554244	208	274	0.033	Shear zone	with breccia vein.			2.6		6		
554245	208	274	0.026	Shear zone	with quartz vein.			2.0		6		
554249	208	274	0.040	Quartz vein				1.5		9		
554250	208	274	0.020	Quartz vein +	altered footwall			3.0		15	FACE	
554301	208	274	0.025	Shear zone	with vein			2.0		10		
554302	208	274	0.023	Shear zone	" "			2.5		10		
554303	208	274	0.068	Shear zone				1.5				
554304	208	274	0.013	Quartz-chlorite vein.				0.7		20		
554305	208	274	0.002	Shear zone	with qz veins.			3.0		10		
554306	208	274	0.005	Shear zone				2.0		10		
554307	208	274	0.003	Shear zone				2.5		10		
554308	208	274	0.002	" "				3.0		15		
554309	208	274	0.046	Shear zone	+ vein.			2.5		10		

CERTIFICATION: Frank Vorbe

TABLE 2
WAYSIDE 7, 8 AND 9 LEVEL SAMPLING BY CHRIS SAMPSON

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: WAYSIDE GOLD MINES LTD.

604 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project :
Comments:

Page Number 1
Total Pages 3
Certificate Date 19-NOV-92
Invoice No. I-9224515
P.O. Number :
Account :

CERTIFICATE OF ANALYSIS A9224515

SAMPLE DESCRIPTION	PREP CODE		Au oz/T
09657	208	274	0.120
09658	208	274	0.019
09659	208	274	0.024
09660	208	274	0.052
09661	208	274	0.022
09662	208	274	0.031
09663	208	274	0.070
09664	208	274	0.056
09665	208	274	0.220
09666	208	274	0.021
09667	208	274	0.542
09668	208	274	0.013
09669	208	274	0.007
09670	208	274	0.015
09671	208	274	0.008
09672A	208	274	0.007
09672B	208	274	0.018
09673	208	274	0.018
09674	208	274	0.008
09675	208	274	0.039
09676	208	274	0.020
09677	208	274	0.120
09678	208	274	0.372
09679	208	274	0.029
09680	208	274	0.071
09681	208	274	0.018
09682	208	274	0.008
09683	208	274	0.002
09684	208	274	0.007
09685	208	274	0.004
09686	208	274	0.008
09687	208	274	0.007
09688	208	274	0.076
09689	208	274	0.091
09690	208	274	0.015
09691	208	274	0.069
09692	208	274	0.050
09693	208	274	0.048
09694	208	274	0.075
09695	208	274	0.098

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: WAYSIDE GOLD MINES LTD.

604 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project :
Comments:

Page Number 2
Total Pages 3
Certificate Date 19-NOV-92
Invoice No. I-9224515
P.O. Number :
Account :

CERTIFICATE OF ANALYSIS A9224515

SAMPLE DESCRIPTION	PREP CODE		Au oz/T
09696	208	274	0.066
09697	208	274	0.056
09698	208	274	0.035
09699	208	274	0.015
09700	208	274	0.304
42702	208	274	0.264
42703	208	274	0.032
42704	208	274	0.017
42705	208	274	< 0.001
42706	208	274	0.036
42707	208	274	0.005
42708	208	274	0.026
42709	208	274	0.056
42710	208	274	0.013
42711	208	274	0.013
42712	208	274	0.034
42713	208	274	0.029
42714	208	274	0.030
42715	208	274	0.083
42716	208	274	0.030
42717	208	274	0.014
42718	208	274	0.073
42719	208	274	0.023
42720	208	274	0.007
42724	208	274	0.003
42725	208	274	0.003
42726	208	274	0.006
42727	208	274	0.036
42728	208	274	0.003
42729	208	274	0.015
42730	208	274	0.002
42731	208	274	0.010
42732	208	274	0.012
42733	208	274	0.017
42734	208	274	0.008
42735	208	274	0.004
42736	208	274	0.004
42745	208	274	0.436
42746	208	274	0.100
42748	208	274	0.010

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: WAYSIDE GOLD MINES LTD.

604 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project :
Comments:

Page Number 3
Total Pages 3
Certificate Date 19-NOV-92
Invoice No. I-9224515
P.O. Number :
Account :

CERTIFICATE OF ANALYSIS A9224515

SAMPLE DESCRIPTION	PREP CODE		Au oz/T
42749	208	274	0.041
42750	208	274	0.015
SOUTH END 8 LEV	208	274	0.006

CERTIFICATION:

TABLE 3
WAYSIDE 7 LEVEL SAMPLING BY J. FRANK CALLAGHAN

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: WAYSIDE GOLD MINES LTD.

604 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project :
Comments:

Page Number 1
Total Pages 1
Certificate Date: 6-NOV-92
Invoice No. I-9223893
P.O. Number :
Account :

#7 LEVEL

CERTIFICATE OF ANALYSIS A9223893

SAMPLE DESCRIPTION	PREP CODE		Au oz/T
542460	208	274	0.005
542461	208	274	0.022
542462	208	274	0.025
542463	208	274	0.066
542464	208	274	0.033
542465	208	274	0.673
542466	208	274	1.467
542467	208	274	0.166

TABLE 4
WAYSIDE 8 LEVEL SAMPLING BY J. FRANK CALLAGHAN

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: WAYSIDE GOLD MINES LTD.

604 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project :
Comments:

Page Number :1
Total Pages :1
Certificate Date: 18-NOV-92
Invoice No. : I9224668
P.O. Number :
Account : JLI

8 LEVEL

CERTIFICATE OF ANALYSIS A9224668

SAMPLE	PREP CODE		Au tot oz/T	Au - oz/T	Au + mg	Wt. - grams	Wt. + grams					
542468 RESPLIT	207	234	2.287	0.750	14.633	262	10.50					

CERTIFICATION: Barbara Vonk

APPENDIX 3

Underground Drilling Programmes January-April 1993

DRILL LOGS AND ASSAYS

SAMPSON ENGINEERING INC.
2696 West 11th Avenue
Vancouver B.C V6K 2L6

DIAMOND DRILL RECORD

PROPERTY WAYSIDE. HOLE No. 93 UG 9-1

1ft = 30.5 cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	0°	
362	0°	

Hole No. 93 UG 9-1 Sheet No. ____ Lat. ____ Total Depth 362 ft.
Section 9 LEVEL NORTH Dep. ____ Logged By DAVID RHYS
Date Begun 2 JAN 93 Bearing 050. Claim WAYSIDE
Date Finished 5 JAN 93 Elev. Collar 9 LEVEL Core Size AQ
Date Logged 6 JAN 1993

FEET

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION
0	29.0		BROADRNEDIORITE

Medium to coarse grained, equigranular with chloritised mafics 15-30%, grains 1-5mm. Subrounded clots and patches of chlorite up to 4cm wide are common (probable xenoliths). Milky white quartz veins and veinlets occur throughout, generally between 60 and 90 degrees TCA. These are 0.5 to 5 cm wide and have no associated alteration; they often contain brecciated diorite fragments. The veinlets are most abundant in ther first 12 feet where they occur at a spacing of 0.5-1.5 feet.
7.8-10.8; 12.3-14.4; 19.1-23; and 26.5-28.5: Fine-grained dark grey andesite or basaltic dykes or large xenoliths, weakly phyllitic with approx. 50-60% chlorite and 40% plagioclase. Grain size <3mm. These sometimes show gradational boundaries with the diorite.
16.0-18.0: Foliation defined by alignment of chlorite and plagioclase at 0-35 degrees TCA.

29.0	130.3		SODA GRANITE (ALTERED)

Cream-colored quartz-pyrite-chlorite-sericite altered medium-grained altered intrusive rock, with quartz replacing feldspars and pyrite replacing chloritic or micaceous brown mafics. Rock is approx. 20-60% quartz and 30-75% feldspars. A brown mica (1-4%; up to 10% in some areas), probably biotite or chlorite, with accesory pyrite and chlorite often comprises all of the mafics (especially from 55-130.3), forming blebs 0.3-1mm. Elsewhere (29-51 feet) mafics are replaced by pyrite (1-4%), chlorite (3-5%) and minor muscovite as <0.5-2mm blebs replacing mafics 29-51 feet. Chloritic fractures comprise 1-2% often at 55-65 degrees TCA parallel to a weak foliation. No quartz

CORE					SLUDGE			
SAMPLE No.	FROM	TO	GOLD ppb/oz. ton	As ppm	FROM	TO	GOLD ppb/oz. t.	As ppm

PROPERTY WAYSIDE. HOLE No. 93-G-[illegible]

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE

55-57: Intense chlorite-filled fracturing and clots give a darker color and brecciated appearance, separating 2-15mm quartsose fragmants.
74-75: Tan colored carbonate (probably ankerite) selectvely replaces approx. 30% of the grains, mainly feldspars.. Weakly foliated at 55-60 degrees TCA. Chlorite and muscovite are abundant.
93.5-95.8: Medium-grained chloritic, 45-55% chlorite and 50% feldspars.
95.8-97: Abundant chloritic fractures.

130.3	137.5		BRALORNE DIORITE.

Chlorite-altered medium-coarse-grained diorite. Chlorite-altered mafics and chlorite blebs 35%, with minor sericite and carbonate. Grain shape suggests mafics are altered pyroxenes (6-sided). Grains 1-5mm. 0.3-1.5cm quartz veins are common at 45-90 degrees TCA, without alteration.

137.5	146.0		BRALORNE DIORITE - ALTERED WITH QTZ/CALC VEINS.

Bleached, mafics altered to greenish sericite and chlorite. Feldspars altered to tan-light green sericite and carbonate. Silica (white) bands alter and replace the matrix. Complete replacement by fine-grained tan carbonate and sericite with chlorite fractures occurs in some areas. Fokliation at 70 degrees TCA. Thin carbonate filled fractures (<0.1mm) are extremely abundant throughout the intersection, and impart a perthitic texture. These are oriented at 60 degrees TCA and 50-70 degrees to the foliation. Remanant intrusive texture is common, especially in less altered patches. Foliation and carbonate fracturing is strongest in areas of most intense alteration.
138.6-139: Laminated calcite-quartz vein, with 1-2% fuchsite and minor chlorite at 50 degrees TCA and 60 degrees to foliation.
140.7-140.95: A second laminated vein at 35 degrees TAC with minor fuchsite and fragments of greenish sericite-carbonate (ankerite?) altered wallrock
142.5-144.0: Several black fine-grained graphite or sulphide-filled fractues at 55 degrees TCA, 0.3-1cm thick, laminated, and foliation parallel. Separated by altered wallrock.

PROPERTY WAYSIDE HOLE No. 9[redacted]G[redacted]1

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au oz/t
			ASSAYS: 138.4-141.0 (Sample #554310), containing the two veins and altered diorite. 141.0-144.0 (Sample #554311), altered wallrock with sulphidic fractures.	554310	138.4	141.0		0.001
				554311	141.0	144.0		<0.001
146.0	362.0		BRALORNE DIORITE.					

Medium-coarse-grained chlorite-altered diorite. Massive to weakly foliated at 60 degrees TCA; equigranular. Grain size 0.5-5mm. Widely spaced quartz veins (0.3-3.0cm; no alteration envelopes) at 45-70 degrees TCA 1-2 per 2 feet. Opaque white feldspars are commonly replaced by translucent light grey quartz. Mafics (35-60%) are usually altered to chlorite, but elsewhere a green silvery amphibole is common, sometimes partially chloritised. Granite dykes occur commonly throughout the interval as follows: 178-180; 189.8-192; 201.15-202; 202.4-202.9; 202-210 (several dykes and dykelets); 213-215.4; 232.5-232.8; 279.5-280.4; 281.6-282; 288.0-288.3; 300.3-300.6; 300.9-301.15; 301.5-302.5; 346-346.25; 350.9-356.8; and 360.1-360.5. These are massive, medium-grained with 1-5% brown mica or chlorite blebs (sometimes up to 10%) with minor pyrite, and 15% or more quartz. Diorite fragments are common. The dykes range from 5 feet to less than 2 inches in thickness. Contacts commonly range from 45 to 75 degrees TCA, and range from sharp to gradational with the surrounding diorite. Thin dykes often have the appearance of quartz veins, but the presence of brown mica flecks and blebs, and a weak intrusive texture indicate that these are dykes, possibly silicified. Some dykes have a chlorite selvage developed in the diorite.

PROPERTY [redacted] HOLE No. [redacted]

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE
			Other features of note in the diorite: 202.9-203.1: Laminated calcite-quartz vein at 35 degrees TCA. An adjacent granitic dyke is sericite-carbonate altered. 210.6-210.7: A 2cm wide chlorite+quartz>sericite laminated vein at 30 degrees TCA. 2cm alteration envelope replaces opaque white feldspars with grey quartz in the surrounding diorite. 222.8-224.8: Diorite is strongly sericitised with chloritised mafics almost completely replaced by sericite. Chlorite bands and fracture fillings, and quartz veinlets (0.5-1cm) define a spaced foliation at 50-60 degrees TCA. 235-253: Diorite is coarse to very coarse-grained. Chloritised mafics up to 2cm. 246.3-247 and 256-259: Medium-grained with chlorite content up to 60%. 265-265.8 and 272-276: Medium-grained chlorite-rich with almost equivalent sericite in some places. 294-296.5: Very fine grained chloritic dyke (diabase?). Dark greenish-grey with approx. 40-60 percent chlorite. 306-308: Quartz-rich diorite. 300-362: More mafic than previos diorite (up to 65% mafics). Alternates from medium to coarse-grained throughout.				
			362.0 End of hole				

DIAMOND DRILL RECORD

PROPERTY WAMSIDE.

HOLE No. 93 UG 9-2

1 Ft = 30.5cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	+ 14°	

Hole No. 93 UG 9-2 Sheet No. ____ Lat. ____ Total Depth 202 Ft

Section 9 LEVEL BY WINZE Dep. ____ Logged By CHRIS SAMPSON

Date Begun 6 JAN 93 Bearing 050 Claim ____

Date Finished 9 JAN 93 Elev. Collar ____ Core Size AQ

Date Logged 15 JAN 93

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION
0	36.8		BRALORNE DIORITE.
36.8	93.0		SODA GRANITE - ALTERED
			54.0 – 57.0 Approx diss sulphides
			67.0 – 69.5 Some diss sulph + carb. alt.
			36.8 Sharp contact at 45°C/A.
		VEIN	69.5 – 72.0 1-2 cm qvs + mobbaming at 45°C/A.
			Disseminated grey sulphides, some carb alt.
			72.0 – 74.0 Some diss sulph.
			93.0 Gradational Contact with Bralorne
			Diorite

CORE					SLUDGE			
SAMPLE No.	FROM	TO	GOLD ppb/oz. ton	As ppm	FROM	TO	GOLD ppb/oz. t.	As ppm
20584	54.0	57.0					<0.002	
20574	67.0	69.5					<0.002	
20515	69.5	72.0					0.003	
20576	72.0	74.0					0.028	

PROPERTY [redacted] SITE [redacted] HOLE No. [redacted]

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au oz/t
93.0	107.5		BRALORNE DIORITE					
			107.5-115.5 Soda Gran some diss py					
			95.5 – 96.0 Calcite vein. sharp contacts @ 45° C/A					
			96.0 Graphite fracture 40° C/A					
			102.8 – 105. fine grained grn.					
			115.4 1cm calcite vein 15° C/A					
107.5	117.5		SODA GRANITE					
			Gradational contacts	20577	107.5	112.5		<0.002
				20578	112.5	115.5		<0.002
117.5	202		BRALORNE DIORITE					
			porphyrial section of Soda granite otherwise					
			dark green, coarse grained					
			148.0 – 150.0 Soda granite gradational					
			contacts.					
			181.0 – 181.4 wreq qv barren.					
			183.0 – 183.3 qv. contacts 60° C/A					
			188.8 – 189.5 qv. wreq contacts					
	202		END OF HOLE					

DIAMOND DRILL RECORD

PROPERTY WAYSIDE.

HOLE No. 93UG 9-3

1ft = 30.5cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	+14°	

Hole No. 93UG 9-3 Sheet No.
Section 9 LEVEL NR WINZE
Date Begun 10 JAN 93
Date Finished 13 JAN 93
Date Logged 15 JAN 93

Lat.
Dep.
Bearing 065
Elev. Collar

Total Depth 190 FT.
Logged By CHRIS SAMPSON
Claim
Core Size AQ

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	CORE SAMPLE No.	CORE FROM	CORE TO	CORE GOLD ppb/oz. ton	CORE As ppm	SLUDGE FROM	SLUDGE TO	SLUDGE GOLD ppb/oz. t.	SLUDGE As ppm
0	40.0		BRALORNE DIORITE.									
			22.5 ½ cm calcite vein 80° c/a.									
			31.0-31.4 qtz vein barren									
40.0	57.0		SODA GRANITE									
			gradational contacts									
57.0	61.5		BRALORNE DIORITE.									
61.5	122.0		SODA GRANITE.									
			gradational contacts									
			74-75.7 carb alt HW cont 45° FW 20° c/A.									
			65.1-67.0 Carb alt + diss sulph. pale green.	20579	65.1	67.0					<0.002	
			85-86 calc vein HW contact [illegible] FW 50° c/A	80	85	86.					<0.002	
			89.8-91.0 VEIN 89.8 contact @ 15° c/A.	81	89.8	91.0					<0.002	
			90.0 [illegible] mariposite, bx frags < 1cm angular	82	91	92					<0.002	
			in darker mtx. 91-92 minor alt. 91.0 fw									

contact 15° c/A

NEVILLE CROSBY IND.
TELEPHONE USE-4343

PROPERTY [redacted] HOLE No. [redacted]U[redacted]-3

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au oz/t.
			99.1 – 99.3, 100 – 100.3 1 meq contact calc/qtz veins barren?	20583	99	102		<0.002
122.0	190.0		BRALORNE DIORITE					
			129.9 – 130.1 } Calcite veins, barren.					
			130.4 – 131.0 } HW contacts 45° c/a. FW meq.					
			136.5 – 137.0. calc. vein contacts missing					
			Some carb. alt.					
			140.9 – 141.5 fg felsite dyke contacts 45° c/a.					
	190		END OF HOLE					

DIAMOND DRILL RECORD

PROPERTY WAMSIDE.

HOLE No. 93 UG 9-4

1ft = 30.5cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	+46°	

Hole No. 93UG-9-4 Sheet No. 1
Section 9 LEVEL
Date Begun 14 JAN 93
Date Finished 16 JAN 93
Date Logged 31 JAN 93

Lat.
Dep.
Bearing 065
Elev. Collar 9 LEVEL

Total Depth 112 FT.
Logged By CHRIS SIMPSON
Claim
Core Size AQ

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION
0	66		BRAZERNE DIORITE.
			medium to coarse grained. numerous
			quartz calcite stringers veinlets 45° to C/A.
			1m - 1cm wide.
			3.0 - 3.2 Quartz vein 40° C/A barren.
			0 - 5 Minor carbonate alteration
			28.0 - 29.5 Soda granite
			38.5 - 40.0 Quartz vein 4W contact 30° C/A.
			FW contact 30° C/A.
			AT 38.3 - 38.5 some dissem sulph.
			minor manganese
			44.5 - 50.6 Soda granite.
			40 - 43 Carb. alteration
66.0	112.0		SODA GRANITE.
	112.0		END OF HOLE.

CORE					SLUDGE			
SAMPLE No.	FROM	TO	GOLD ppb/oz. ton	As ppm	FROM	TO	GOLD ppb/oz. t.	As ppm
55401	37.5	40.0					0.0005	

DIAMOND DRILL RECORD

PROPERTY WAYSIDE.

HOLE No. 93 UG 9-5.

1ft = 30.5cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-18°	

Hole No. 93 UG 9-5 Sheet No. 1

Section 9 LEVEL BY WINZE.

Date Begun 17 JAN 93

Date Finished 21 JAN 93

Date Logged 31 JAN 93

Lat.

Dep.

Bearing 050

Elev. Collar 9 LEVEL

Total Depth 222 FT

Logged By CHRIS SAMPSON

Claim

Core Size AQ

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	CORE SAMPLE No.	CORE FROM	CORE TO	CORE GOLD ppb/oz. ton	CORE As ppm	SLUDGE FROM	SLUDGE TO	SLUDGE GOLD ppb/oz. t.	SLUDGE As ppm
0	6.5		ALTERATION ZONE.									
			Part of main vein alteration zone.	554102	0	3.0					<0.0005	
			Ankerite, minor manganese replacing	554103	3.0	3.5					<0.0005	
			Bralorne Diorite									
6.5	30.5		BRALORNE DIORITE.									
30.5	85.0		SODA GRANITE.									
			31.9. 1 m/m fracture 45° C/A. fg dissem ~~554104~~.			31.9	NO SAMPLE					
			Py, aspy									
			40.5 - 40.7 QV Contacts 30° C/A.									
85.0	99.5		BRALORNE DIORITE									
			As above,									

NEVILLE CROSBY IND.
TELEPHONE LISE-4343

PROPERTY [redacted] HOLE No. [redacted]

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au oz/t
99.5	129.5		SODA GRANITE					
			As above, 129.5 contact @ 50°C/A.					
~~129.5~~								
129.5	186.5 ~~186.5~~		BRALORNE DIORITE					
			fine to coarse grained grey green with 1 mm – 1 cm QVS					
			135–137 Silicified zone.					
			145–146.7 FSTI dyke medium grey contacts 60° C/A.					
186.5	190.0		FELSITE PORPHYRY DYKE					
			Grey, subvecous matrix. 1 mm off white feldspar crystals (euhedral) HW contact 30° C/A. FW contact 45° C/A. minor disseminated pyrite.					
186.5	222		BRALORNE DIORITE					
			As above but with alteration zones:					
			193.6–196.3 SILICIFIED ZONE	55410 14	193.6	196.3		<0.0005
			Silicification with ankerite, 195.8–196.3 minor manganese stain					

PROPERTY [redacted] WA [redacted] ID [redacted] HOLE NO. [redacted] 42 [redacted] G [redacted] 05 [redacted]

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au oz/t			
			198.7 – 204.2 SILICIFIED ZONE	554105	198.7	204.2		<0.0005			
			1m – 1cm quartz veins 200 – 202								
			1cm quartz vein along CA . 202–204.2 .								
			some ankerite . minor disseminated sulphides								
	222.0		END OF HOLE								

DIAMOND DRILL RECORD

PROPERTY WAYSIDE.

HOLE No. 93 UG 9-6.

1ft = 30.5cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-20°	

Hole No. 93UG-9-6 Sheet No. _____ Lat. _____ Total Depth 242 FT

Section 9 LEVEL. Dep. _____ Logged By CHRIS SAMPSON

Date Begun 22 JAN 93 Bearing 065 Claim _____

Date Finished 26 JAN 93 Elev. Collar 9 LEVEL. Core Size AQ

Date Logged 31 JAN 93

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION
0	5.7		ALTERATION ZONE
			Part of Main Vein, pale green altered Braborne Diorite. Some qvs up to 4cm width various 2's to C/A. minor manganese.
5.7	46.0		BRABORNE DIORITE
			Generally massive dark green coarse to medium grained, 33-39 Soda granite.
			41.5-42.6 Quartz vein, contacts irregular, some pyrite along fracts.
46.0	76.5		SODA GRANITE
76.5	110.5		BRABORNE DIORITE
110.5	132.0		SODA GRANITE
			As above. At 114 some disem py.

CORE					SLUDGE			
SAMPLE No.	FROM	TO	GOLD ppb/oz. ton	As ppm	FROM	TO	GOLD ppb/oz. t	As ppm
554106	0	5.7					<0.0005	
554107	41.5	42.6					<0.0005	

NEVILLE CROSBY IND.
TELEPHONE USE-4343

PROPERTY [redacted] DG [redacted] HOLE No. [redacted]

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au oz/t			
132.0	242.0		BRANCRNE DIORITE								
			148.5 – 149.5. Irregular quartz rich zone poss. vein.	554108	148.5	149.5		<0.0005			
			180.7 – 184.0 fiSTT & dyke HW contact 80°C/A - FW contact 80°C/A.								
			210.0 – 213.4 Zone of Silicification + ankerite alteration with quart veining HW contact 40°C/A. FW contact missing Possible Notman Vein.	554109	210.0	213.4		<0.0005			
			215 – 232 Some leucocratic sections ie Sodic Granite								
	242.0		END OF HOLE.								

DIAMOND DRILL RECORD

PROPERTY WAYSIDE. HOLE No. 93UG 9-7

1ft = 30.5cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-20	

Hole No. 93UG9-7 Sheet No.
Section 9 LEVEL BY WINZE.
Date Begun 27 JAN 93
Date Finished 31 JAN 93
Date Logged 31 JAN 93.

Lat.
Dep.
Bearing 035
Elev. Collar 9 LEVEL.

Total Depth 317 ft
Logged By CHRIS SIMPSON
Claim WAYSIDE
Core Size AQ

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	CORE SAMPLE No.	CORE FROM	CORE TO	CORE GOLD ppb/oz. ton	CORE As ppm	SLUDGE FROM	SLUDGE TO	SLUDGE GOLD ppb/oz. t.	SLUDGE As ppm
0	7.0		ALTERATION ZONE.									
			Ankeritic, alteration some silicification	554110	0	7.0	<0.0005					
			quartz veins up to 1cm width at 40° C/A									
7.0	28.0		BRALORNE DIORITE.									
28.0	~~[illegible]~~	90.2	SODA GRANITE									
			mostly massive, grey to dark grey									
			72-76 Bralorne Diorite									
90.2	~~[illegible]~~	317.0	BRALORNE DIORITE									
			149.0 felspar									
			137.0 ~~155.5~~ ~~felsite~~ dyke HW contact									
			60° C/A. FW contact lost									
			111-124 Soda Granite									

NEVILLE CROSBY IND.
TELEPHONE [illegible]

Sheet 2 [redacted] PROPERTY [redacted] HOLE [redacted]

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au oz/t	As ppm
142	146.		Felspar porphyry dyke, massive gy groundmass with 1-2mm fs phenocrysts						
			173.7-174.0 quartz veining at 20°C/A.	554111	173.7	174.0		<0.0005	8
			180.5-186.0 Carbonate alteration, some quartz veining particularly 181.5-183.0 Contacts 50°C/A - POSSIBLE NOTTMAN VEIN	554112	180.5	183.0		0.0015	118
				554113	183.0	186.0		<0.0005	8
			209.75-215.2 fsTT dyke very siliceous pale grey.						
			· 209.75 broken contact - 30°C/A.	554114	210.0	213.0		<0.0005	4
			215.2. contact at 5°C/A.	-					
			213.0-217.5 Zone of intense silicification mutually altering fsTT dyke, remainder in country rock.	554115	213.0	217.5		<0.0005	2
			217.5 broken contact - 45°C/A.						
			233.5-239.7 Leucocratic ie Soda granite.						
			287.5-289.5 Quartz rich section						
317			END OF HOLE						

DIAMOND DRILL RECORD

PROPERTY ______

HOLE No. 93 UG 9-8

1ft = 30.5cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-55.	

Hole No. 93 UG9-8 Sheet No. 1.
Section ON 9 LEVEL BY WINZE.
Date Begun 2 FEB 93.
Date Finished 8 FEB 93
Date Logged 10 FEB 93.

Lat. ______
Dep. ______
Bearing 065.
Elev. Collar 9 LEVEL.

Total Depth 327 ft.
Logged By CHRIS SAMPSON
Claim WAYSIDE
Core Size AQ

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	CORE SAMPLE No.	CORE FROM	CORE TO	CORE GOLD ppb/oz. ton	CORE As ppm	SLUDGE FROM	SLUDGE TO	SLUDGE GOLD ppb/oz. t.	SLUDGE As ppm
0	102		MAIN WAYSIDE VEIN.									
			Alternates between sections of vein									
			and areas of carbonate alteration. Some									
			sections of poorly altered diorite country									
			rock (Bralorne Diorite) Some soda									
			granite as follows:-									
			2-8.5 altered B.D.									
			8.5-14.5 vein irreg. areas of qtz alt with	554116	8.5	12.5	0.0180	660				
			irreg dk gy ribboned material.	554117	12.5	14.5	0.0105	458				
			14.5-49.0 intense ankerite alt. with	554118	14.5	19.0	<0.0005	64				
			occ. qtz vein 1-2cms at 30° C/A.	554119	19.0	24.0	<0.0005	32				
				554120	24.0	29.0	"	26				
			49.0-57.0 Bralorne diorite, partly altered	554121	29.0	34.0	"	10				
			some soda granite. occ. area mariposite	554122	34.0	39.0	"	8				
				554123	39.0	44.0	"	16				
				554124	44.0	49.0	"	34				

PROPERTY: WAYSIDE HOLE No. 92WG [illegible]-8

SHEET

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au oz/t	As ppm
			57.0 – 89.0. Again ankerite alteration	554125	57	62.0		<0.0005	8
			with occ. 1-3 cm qtz calcite vein	26	62	67.0		"	16
			mostly at 30° C/A.	27	67	72.0		"	34
				28	72	77.0		"	20
			89.0 – 94.5 VEIN.	29	77.0	82.0		"	<2
			HW contact at 10° C/A. 89-90 Ribboned	30	82.0	89.0		0.0020	36
			texture 5-10° C/A. 90-92 breccia 1mm-						
			1cm frags qtz in grey siliceous mtx ("Head	31	89.0	92.0		<0.0005	36
			Cheese") occ spk mariposite	32	92.0	94.5		"	8
			92.0 – 94.5 Ribboned at 10° C/A FW						
			contact 10° C/A.	33	94.5	99.0		"	4
				34	99.0	102.0		"	14
			94.5 – 102.0 Ankerite alteration, as above.						
102.0	185.5		BRALORNE DIORITE						
			Altered in part but recognisable as						
			massive dk green B.D. Some sections						
			of soda granite.						
			105 – 109 weak carb. alteration.						
			112.5 – 115.0 " " "						
			121.5 – 123.0 irreg qtz veining HW contact						
			45° C/A. FW 60° C/A.						
			135.2 – 136.5 Carb. alteration some mariposite.						
			140.6 – 144.0 Soda Granite						

PROPERTY [redacted] HOLE No. [redacted]

SHEET

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au oz/t	As ppm
			161.5 - 167.0. Weak ankerite alteration						
			ankerite replaces feldspars. Some irreg.	554135	185.5	190.0		0.0005	440
			1mm - 2mm qvs.	36	190	195		0.0025	700
				37	195	200		0.0010	620
185.5	213.5		ALTERATION ZONE (LISTWANITE IN BRAL. DIORITE)	38	200	205		0.0005	300
				39	205	210		0.0010	384
			Altered Bralorne Diorite. Generally	40	210	213.5		0.0010	450
			ankerite with irreg quartz veins						
			occ spec. mariposite						
213.5	227.0		VEIN.	41	213.5	217.0		0.0090	1180
				42	217	222		0.0175	2950
			Hw contact 20°C/A. irregular grey selvages	43	222	227		0.0175	3150
			(ie irregular ribboning) with disseim py						
			and grey sulphides (ie tetrahedrite?)						
			through out. Fw contact at 5°C/A.						
227.0	232	20%	PROBABLE FAULT	44	227	232		0.0020	660
			Altered Bralorne Diorite ie. Listwanite						
			Generally intensely sheared to gouge.						
			Talcose						
232.0	272.0		ALTERATION ZONE (LISTWANITE IN BRAL. DI.)	45	232	237		<0.0005	70
				46	237	242		"	50
			232 - 242. Qtz schistose + talc schistosity	47	242	247		"	34
			at 5 - 20° C/A. Zone is altered (listwanite)	48	247	252		"	100
			Bralorne Diorite with some mariposite.	49	252	257		0.0015	324

PRO[redacted]RTY [redacted] HAYES DE. [redacted] [redacted]OLE [redacted] 75 UG 7-8

Sheet 4

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au oz/t	As ppm		
			258.1 - 258.5 2cm qv at 10° C/A shearing	554150	257	262		<0.0005	18		
			at 10° C/A.	554251.	262	267		"	32		
				252	267	272		"	15		
272.0	327.0		SODA GRANITE: Altered with quartz veins								
			(HW contact missing) Uniform texture throughout								
			mostly pale grey to off white quartz, fspar	554253	272	277		0.0575	3830		
			with irregular dark grey selvages indicating fabric at	4	277	282		0.0335	5180		
			20° C/A. Selvages are 0.5m average grey with	5	282	287		0.0430	5100		
			abundant dissem fg py and grey sulphide	6	287	292	50ft	0.0485	5800		
			(probably tetrahedrite) Many irreg 1mm - 1cm	7	292	297	0.0417	0.0505	4600	50	ft
			quartz veins. Lacks biotite of regular S.G.	8	297	302		0.0465	4500	4500	
			272 - 312 Recovery approx 95-100%	9	302	307		0.0430	4600	As	ppm
			312 - 322 Minimum recovery approx 5%	60	307	312		0.0260	3750		
			322 - 327. Low recovery approx 40-50%	61	312	322		0.0340	3830		
				62	322	327		0.0065	550		
				63	312	322	SLUDGE	0.0005	10		
	327		END OF HOLE: Ground too difficult, Hole								
			Caving - abandonned due to difficult								
			ground								

DIAMOND DRILL RECORD

PROPERTY WAYSIDE

HOLE No. 93 9-9.

1 ft = 30.5 cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-50°	

Hole No. 93 9-9. Sheet No.

Section 9LEVEL AT WINZE.

Date Begun 10FEB93

Date Finished 13FEB 93.

Date Logged 22 FEBUARY 1993

Lat.

Dep.

Bearing 065

Elev. Collar 9LEVEL.

Total Depth 292 FT

Logged By CHRIS SAMPSON

Claim WAYSIDE

Core Size AQ

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	CORE SAMPLE No.	CORE FROM	CORE TO	CORE GOLD ppb/oz. ton	CORE As ppm	SLUDGE FROM	SLUDGE TO	SLUDGE GOLD ppb/oz. t.	SLUDGE As ppm
0	26.8		ALTERATION ZONE									
			Listwanite altered Bralorne Diorite									
			~~Some mariposite~~									
			24.0 - 25.2. Quartz vein contacts missing	554265	24.0	25.2	<0.0005	20				
26.8	32.0		VEIN									
			HW contact 45° C/A. FW contact missing									
			Irreg gy 1mm fractures at various ∠'s	66	26.8	32.0	<0.0005	48				
			C/A.									
32.0	41.5		ALTERATION ZONE									
			As above - listwanite altered Bralorne									
			Diorite									
41.5	45.5		VEIN.	67	41.5	45.5	<0.0005	88				
			Ribbonned - particularly HW and FW									
			side for 10-20cms. Both contacts									
			missing. Pale gy/white, some marip,									

[redacted]PE[redacted] [redacted]S[redacted]E [redacted] [redacted]E N[redacted]

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au oz/t	As ppm		
115.5	132.0		ALTERATION ZONE								
			Altered Bralorne Diorite (as above)								
132.0	173.1		SODA GRANITE.								
			Contact 45°C/A. 132-136 Altered, mostly silicification some ribboning with fine grained sulphides								
			133.5-134.2 Quartz veining contacts 45°C/A Dissem fg sulphide (probably Aspy.)	554268	132.0	136.0		0.067	3700		
			173.1 Contact 80°C/A.								
173.1	292.0		BRALORNE DIORITE.								
			220.3-220.4 list alteration pale yellow/green contacts 45°C/A								
			264-267, 277.5-281, 289.5-292 leucocratic sections (Soda Granite) 289.5 contact at 45°C/A.								
			292.0 END OF HOLE								

DIAMOND DRILL RECORD

PROPERTY WAYSIDE.

HOLE No. 93 UG 9-10.

1ft = 30.5cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-65°	

Hole No. 93 9-10 Sheet No. 1.
Section 9 LEVEL AT WINZE.
Date Begun 13 FEB 93
Date Finished 14 FEB 93
Date Logged 22 FEB 93

Lat.
Dep.
Bearing 065
Elev. Collar 9 LEVEL.

Total Depth 55 FT
Logged By CHRIS SAMPSON
Claim WAYSIDE
Core Size AQ

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	CORE SAMPLE No.	CORE FROM	CORE TO	CORE GOLD ppb/oz. ton	CORE As ppm	SLUDGE FROM	SLUDGE TO	SLUDGE GOLD ppb/oz. t.	SLUDGE As ppm
0	18.0		WAYSIDE MAIN VEIN									
				554269	5.0	10.00	0.0010	82				
			pale gy to off white, much ribboning	70	10.0	12.00	0.0015	110				
			irreg L's 9A. 10-11 fault gouge.	71	12.00	15.00	0.0105	810				
			soft, sheared. lost core.	72	15.00	18.00	0.0090	488				
18.0	22.3		ALTERED BRALORNE DIORITE.									
				554273	18.00	22.3	<0.0005	48				
			Some spectacular mariposite									
			22.3 - 23.0 Soda granite.									
23.0	25.5		FELDSPAR PORPHYRY DYKE.									
			medium grey, felsic with 1mm-2mm fs									
			phenocrysts									
25.5	43.2		BRALORNE DIORITE									
			fine to medium grained, dark grn, unaltered									
43.2	50.0		SODA GRANITE. HW contact missing FW cont 45°/A									
50.0	52.0		BRALORNE DIORITE: Unaltered, m. dark grn									

NEVILLE CROSBY IND. TELEPHONE USE-4343

52.0 END OF HOLE.

DIAMOND DRILL RECORD

PROPERTY WAYSIDE. HOLE No. 93 UG 9-11

1ft = 30.5cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-55	

Hole No. 93 9-11 Sheet No. Lat.
Section 9 LEVEL 60m S OF WINZE (BY CHUTE) Dep.
Date Begun 16 FEB 93 Bearing 065
Date Finished 20 FEB 93 Elev. Collar 9 LEVEL
Date Logged 22 FEB 93

Total Depth 402 FT
Logged By CHRIS SAMPSON
Claim WAYSIDE
Core Size AQ

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	CORE SAMPLE No.	CORE FROM	CORE TO	CORE GOLD ppb/oz. ton	CORE As ppm	SLUDGE FROM	SLUDGE TO	SLUDGE GOLD ppb/oz. t.	SLUDGE As ppm
0	12.		ALTERED BRAZORNE DIORITE.									
			Carbonate altered Diorite. minor 1mm - 2mm									
			quartz veins.									
12.0	81.5		BRAZORNE DIORITE.									
			massive, dark green fine to coarse									
			grained.									
			21.0 - 24.5 leucocratic section.									
			68-81. hydrothermal alteration some mineralization									
			at 75.0 - 75.5									
81.5	309.0		SODA GRANITE.									
			Pale grey to off white with occ <1mm.									
			dk gy fracture selvage at high ∠ to C/A (80°)									
			High FS, qtz content occ spk py.									
			130 - 135 1mm - 2mm dk gy fract, numerous	554354	130	135	0.0030	330				
			in places 50% core. various ∠'s C/A.									

PROPERTY [redacted] HOLE NO [redacted] SHEET 2

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au oz/t	As ppm
			134 marnpsite very siliceous						
				554355	135.0	140.0		0.0130	2090
			145.0 — 148.0 VEINING IN SODA GRANITE						
			Section contains 1-6 cm wide qtz veins	554356	140.0	145.0		0.018	1360
			at high C/A (80°) Much dissem	57	145.0	148.0		0.298	5220
			tin-white sulphide i.e Aspy as fine	58	148.0	152.5		0.015	1590
			euhedra 2 Specks Native Gold 145.7.						
			Approx dissem sulph + fine grained	59	152.5	155.0		0.0210	2940
			sulphide along fracts (usually 0.5-1mm	554360	155.0	160.0		0.0045	822.
			wrag C/S to C/A)						
			· 140.3 - 160.0. much dissem sulph (aspy)						
			surrounding section 145.0 - 148.0						
				554274	160.0	165.0		0.0100	1350
			160.0 - 185.0. minor alteration, occ. 1-3cm.	75	165.0	170.0		0.0015	218
			patch marnpsite some carbonate	76	170.0	175.0		0.0345	996
				77	175.0	180.0		0.0045	826
			199.3 - 200.1 mafic fg ang. frags (<1cm) in	78	180.0	185.0		0.0045	720
			carb matrix. contacts 80° C/A.						
			217 - 227 minor veining with sulph along	554279	217	222		0.0075	728
			1mm dk gy fractures	554280	222	227		0.0040	368
			243.5 - 257. quartz rich section. very low	81	243.5	247		<0.0005	48
			mafic content. Minor ankerite along	82	247	252		0.0075	1200
			fractures. Some dissem sulphides	83	252	257		0.0120	1660
			mostly pyrite						

PROPERTY BOAMSIDE HOLE No. 93 [redacted] 9-4 SH 3

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au oz/t	As ppm		
309			BRALORNE DIORITE.								
			Massive dark gn. fine to coarse grained								
			307.5 - 313.6. Ankerite alteration, some.								
			veining up to 5 cm wide approx 60° C/A	554284	310.0	313.6		<0.0005	22		
			some diss sulph - esp. 310 - 313.								
			331 - 333.5 Soda granite								
			370 - 387. Occ. area of ankerite alt.								
			some. irreg veining esp. 381.5 - 382.5								
402			END OF HOLE.								

DIAMOND DRILL RECORD

PROPERTY WAYSIDE.

HOLE No. 93 UG 9-12.

1 ft = 30.5 cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-45°	

Hole No. 93 9-12 Sheet No. 1
Section 9 LEVEL 60m S. OF WINZE
Date Begun 21 FEB 93.
Date Finished
Date Logged 23 FEB 93

Lat.
Dep.
Bearing 065.
Elev. Collar 9 LEVEL.

Total Depth 350 FT.
Logged By CHRIS SAMPSON
Claim WAYSIDE
Core Size AQ

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION
0	81.		ALTERED PORPHYRITIC DIORITE.
			Heavy ankerite alteration replacing fs. Some 1 - 5 cm veins and manganese esp. 38-40.
			51.8 - 52.5 Quartz vein. HW contact ironing FW contact 58°C/A.
81.0	276		SODA GRANITE.
			pale grey to off white, with sections of qtz veining and silicious replacement dark grey 1mm fractures with fg aspy and/disseminated aspy. also py.
			150 - 170 Approx 60% quartz veining

CORE					SLUDGE			
SAMPLE No.	FROM	TO	GOLD ppb/oz. ton	As ppm	FROM	TO	GOLD ppb/oz t.	As ppm
551285	85	90	0.0170	1390				
86	90	95	0.0085	380				
87	95	100	0.0060	516				
—	100	105	20% RECOVERY.					
88	105	110	0.0020	144				
89	110	115	0.0010	60				
90	115	120	0.0155	1990				
91	120	125	0.0165	1840				
92	125	130	0.0170	1780				
93	130	135	0.0135	2130			45 Ft 0.0241	
94	135	140	0.0205	1570				Au.
95	140	145	0.0120	932			2493	AS
96	145	150	0.0315	2920				
97	150	155	0.0465	4370				
98	155	160	0.0445	4910				
	160	165	20% Recovery					
	165	170	40% Recovery					

PROPERTY [redacted] HOLE No. [redacted]

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au oz/t	As ppm.
				554299	170	175		0.0580	7180
81.0	276		SODA GRANITE.	554300	175	180		0.0530	4990
				554351	180	185		0.0075	852
			Sections of carbonate alteration and	554352	185	190		<0.0005	20
			dissem py + aspy. Some quartz veining	554353	190	195		0.0150	1300
			(irregular) grey selvages (fractures) < 1mm	554362	195	200		0.005	1340
			various L's to C/A.	554363	200	205		0.0210	1870
				554364	205	210		0.0075	1115
				554365	210	215		0.0220	3790
				554366	215	220		0.0190	2850
				554367	220	225		0.0275	2360
				554368	225	230		0.0275	2520
				554369	230	235		0.0055	738
				554370	235	240		0.0065	744
276.0	350		BEALORNE DIORITE.	554371	240	245		0.0090	1060
				554372	245	250		0.0125	1215
			massive, mottled green/pale grey,	554373	250	255		0.0075	818
			unaltered	554374	255	260		0.0085	606
				554375	260	265		0.0125	1375
			330.5 - 330.7 QV. HW contact 70° C/A.	554376	265	270		0.0215	3380
			FW contact 40° C/A.	554377	270	275		0.0140	2920
			338.5 - 339.2 grey fs ΠQ dyke. contacts						
			approx 80° C/A.						
350			END OF HOLE.						

DIAMOND DRILL RECORD

PROPERTY WAYSIDE.

HOLE No. 93 9-13

1ft = 30.5cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-65°	

Hole No. 93 9-13 Sheet No. _____ Lat. _____ Total Depth 152 Ft.

Section 9 LEVEL 60m S. OF WINZE Dep. _____ Logged By C. SAMPSON

Date Begun 24 FEB 93 Bearing 065 Claim WAYSIDE

Date Finished 25 FEB 93 Elev. Collar 9 LEVEL. Core Size AQ.

Date Logged 20 MARCH 1993

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION
0	13		ALTERED BRALORNE DIORITE.
0	7	20%	
7	12	20%	Altered hanging wall. Intensely carb.
12	17	50%	altered but unmin.
13.0	23.5		VEIN
			HW contact missing. diss fg absy
			FW contact 50° C/A
23.5	152.0		BRALORNE DIORITE.
			Initial 10 ft shows minor alteration
			remainder is massive grey green unalt.
152.0			END OF HOLE.

CORE					SLUDGE			
SAMPLE No.	FROM	TO	GOLD ppb/oz ton	As ppm	FROM	TO	GOLD ppb/oz t.	As ppm
554378	13.0	17.0	0.0220	904				
554379	17.0	23.5	0.0100	962				

DIAMOND DRILL RECORD

PROPERTY WAYSIDE. HOLE No. 93 9-14.

1ft = 30.5cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-50.	

Hole No. 93 9-14 Sheet No. 1. Lat.

Section Dep.

Date Begun 25 FEB 93. Bearing 075

Date Finished 12 MAR 93 Elev. Collar 9 LEVEL.

Date Logged 20 MAR 93

Total Depth 350 ft.

Logged By CHRIS SAMPSON

Claim WAYSIDE.

Core Size AQ.

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION
0	15		ALTERED BRALORNE DIORITE.
			Pervasive carbonate alteration,
0	5	10%	unmineralized, occ. quartz vein as at
5	10	20%	13.5 - 14.0 unmineralized
10	15	50%	28.5 - 30.5 fs TIO dike contacts at
			60°C/A.
15.0	79.0		BRALORNE DIORITE
			massive grey green unaltered
			37.5-38.0. Quartz vein. contacts 45°C/A
			62.8-63.2 Quartz vein contacts 65°C/A -
79.0	132.0		SODA GRANITE.
			Massive, pale gy to off white, some carb.
			alt - replacing mafic minerals also
			some disseim sulph: occ. 1cm qv. 45°C/A

CORE					SLUDGE			
SAMPLE No.	FROM	TO	GOLD ppb/oz. ton	As ppm	FROM	TO	GOLD ppb/oz. t.	As ppm

PROPERTY [redacted] HOLE NO. [redacted] (PAGE 2)

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au oz/t	As ppm
			120.0 – 132.0 Appreciable yellow green alteration	554380	115	120		0.012	1265
			(carbonate) some dissem sulphide.	554381	120	125		0.0055	464
				554382	125	130		0.0070	888
				554383	130	132		0.0150	458
132.0	161.		BEARDRNE DIORITE.						
			dark green, mafic						
			132.0 – 136.5 carbonate alteration, replacing felspars	554384	145	150		<0.0005	6
			some veining (<1cm)	554385	150	155		"	8
			144.8 – 145.1 Quartz vein contacts 45°C/A.	554386	155	160.		"	18
			145.1 – 159.0 much carbonate alteration						
			with some veined or siliceous sections						
			some dissem py.						
161.	221		SODA GRANITE.						
			mottled, medium grained, <1mm mafics						
			in pale grey matrix (felspar)						
			Occ altered section :- 168.5 – 170.						
			yellow carb. replacing felspar. minor						
			dissem sulph. mostly py.						
			202.5 – 203.5 ankerite alteration	554387	205	210.		<0.0005	6
			210.0 – 220.0 ankerite alteration some	554388	210.0	215		0.0015	96
			1 cm qvs veinlets L's C/A. dissem aspy	554389	215	220		0.0230	690

PROPERTY [redacted] HOLE No. [redacted]

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au oz/t	As ppm
221	350		BRALORNE DIORITE						
			mostly massive dark green with some						
			sections of Soda granite. as shown						
			229.5 - 231 Soda granite.						
			244 - 245, 249 - 250, 254.5 - 260.						
			263 - 274, 275.5 - 281.5, 282 - 285						
			286.9 - 288.2 silicification + carb alt.						
			286.9 - 338.2 Soda granite						
			Sections of siliceous alteration with	554390	291	295		<0.0005	6
			ankerite in Soda granite some diss	554391	295	298.5		"	14
			sulphide. as 291.0 - 298.5.						
			301.4 - 305.0, 306.6 - 310.0, 310 - 315,	554392	301.4	305		"	< 2
			315 - 320, 320 - 325, to 338.	554393	306.6	310		"	< 2
				554394		315		"	< 2
				554395		320		"	< 2
				554396		325		"	16
				554397		330		0.0110	1210
	350		END OF HOLE	554398		335		0.0005	62
				554399		338		<0.0005	2

DIAMOND DRILL RECORD

PROPERTY WAYSIDE

HOLE No. 93 9-15

1 ft = 30.5 cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-85°	

Hole No. 93 9-15 Sheet No. ____ Lat. ____ Total Depth 182 ft.

Section HW X CUT 9 LEVEL. Dep. ____ Logged By CHRIS SAMPSON

Date Begun 15 MARCH 93 Bearing 205° Claim ____

Date Finished 17 MARCH 93 Elev. Collar ____ Core Size ____

Date Logged 21 MARCH 93.

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION
0	55		BRALORNE DIORITE.
55	72.		ALTERED BRALORNE DIORITE.
			pervasive ankerite, silica alteration.
			some dissem. aspy. py.
72.0	91.5		VEIN AND ALTERATION ZONE.
			1 meg. areas pale grey quartz, ribboned
			narrow < 1mm g.y selvages much diss aspy
			some ankerite py.
91.5	131.8		SODA GRANITE
			Altered, veined, silicified in part. Some
			dissem sulphide.

CORE					SLUDGE			
SAMPLE No.	FROM	TO	GOLD ppb/oz. ton	As ppm	FROM	TO	GOLD ppb/oz. t.	As ppm
5544400	57	62.	0.0085	182.				
5544401	62	67	0.0045	144				
5544402	67	72	0.0380					
5544403	72	77	0.0380					
5544404	77	82	0.0350					
5544405	82	87	0.0280					
5544406	87	92.	0.0290					
5544407	92	97	0.0040					
5544408	97	102	0.0040					
5544409	102	107	0.0040					
5544410	107	112	0.0110					
5544411	112	117	0.0090					
5544412	117	122	0.2425					
5544413	122	127	0.0085					

PROPERTY [redacted] HOLE NO. [redacted]

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE
131.5	138.0		DIORITE / ANDESITE DYKE :-				
			Contacts 45°C/A. Generally massive grey green diorite with occ. fs phenocrysts.				
138	164		SODA GRANITE.				
			Generally massive, uniform unaltered except for 152.5 - 164.0. Zone of silicification	554414	152	157	<0.0005
				5	157	162	<0.0005
				6	162	165	0.0135
164	182		BEALORNE DIORITE				
			Massive dark green. 164 - 170. Altered lustvanite some mariposite.				
182			END OF HOLE.				

DIAMOND DRILL RECORD

PROPERTY WAYSIDE HOLE No. 93 9-16.

1 ft = 30.5 cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-70	

Hole No. 93 9-16. Sheet No. ____ Lat. ____ Total Depth 232 ft.

Section 9 LEVEL X CUT H'WALL. Dep. ____ Logged By CHRIS SAMPSON

Date Begun 17 MARCH 93 Bearing 205 Claim WAYSIDE.

Date Finished 19 MARCH 93 Elev. Collar 9 LEVEL. Core Size AQ

Date Logged 21 MARCH 1993

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	CORE SAMPLE No.	CORE FROM	CORE TO	CORE GOLD ppb/oz. ton	CORE As ppm	SLUDGE FROM	SLUDGE TO	SLUDGE GOLD ppb/oz. t.	SLUDGE As ppm
0	63.5		BRALORNE DIORITE									
			Mostly dark green massive with some leucocratic sections									
			27.5 – 29.0 fsTTQ dyke FW and HW contacts at 45° C/A.									
			32.1 – 33.5 fsTTQ contacts 45° C/A.									
			53 – 63.5 Strong alteration, listwanite									
			58 – 63.5 intense silicification, fracturing									
			(<1mm) dissem aspy.	554417	59.0	63.5	0.0015					
				554418	63.5	67.0	0.0230					
63.5	87.6		VEIN	554419	67	72	0.0255					
				554420	72	77	0.0010					
(72	77	50%)	pale grey to white, irreg ribbons i.e	554421	77	82	0.0010					
			selvages with carbonate, dissem py aspy	554422	82	87.6	<0.0005					
87.6	114		BRALORNE DIORITE									
			Massive dark green unaltered.									

PROPERTY [redacted] HOLE NO. [redacted]

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au oz/t	As ppm		
114	232		SODA GRANITE.								
			114 – 142 Veining 1–5 cms various 25	554423	114	117		0.0115			
117	122	50%	to C/A ex tensively ribboned with disseminated	554424	117	122		0.0130			
			aspy, py and fractures filling & graphite	554425	122	127		0.0115			
			on fractures. Remainder is uniform	554426	127	132		0.0285			
			leucogranite mottled	554427	132	137		0.0185			
				554428	137	142		0.0220			
			207.5 – 212 minor carbonate alteration								
2											
232			END OF HOLE.								

DIAMOND DRILL RECORD

PROPERTY WAYSIDE.

HOLE No. 93 9-17.

1ft = 30.5cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-80	

Hole No. 93 9-17 Sheet No.
Section 9 LEVEL H.W X CUT.
Date Begun 19 MARCH 93.
Date Finished
Date Logged 21 MARCH.

Lat.
Dep.
Bearing 180°
Elev. Collar 9 LEVEL.

Total Depth 193
Logged By CHRIS SAMPSON
Claim
Core Size AQ

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	CORE SAMPLE No.	CORE FROM	CORE TO	CORE GOLD ppb/oz. ton	CORE As ppm	SLUDGE FROM	SLUDGE TO	SLUDGE GOLD ppb/oz. t.	SLUDGE As ppm
0	69		BRALORNE DIORITE.									
			Massive, dark green.									
			22.8-25.0 FS dyke. contacts missing									
			57-69. listwanite alteration, some mar?									
			siliceous much ankerite									
				554429	69	72.	0.020	2890				
69	94.		VEIN.	554430	72	77	0.0575	4270				
				554431	77	82	0.0480	8410				
			HW contact irregular. Massive pale grey	554432	82	87	0.0300	4050				
72	77	50%	Ribboned and fractured, some 1mm	554433	87	92.	0.0205	2540				
			≤1cm vugs. Apprec. fg py, aspy	554434	92	94	0.0190	1710				
			dissem + in fracts.									
			FW contact missing									

PROPERTY [redacted]E HOLE No. [redacted]B 17

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au oz/ton	As		
94	101.		BRALORNE DIORITE. (ALTERED)								
			Irregular quartz veining 1mm - 2mm at 80° - 90°								
101	179.5		SODA GRANITE.								
			massive, pale grey, veined (1-3 cm) and mineralized 101 - 117 much diss py, aspy and in <1mm fractures	554435	102	107		0.0150	1280		
				36	107	112		0.0175	1520		
				37	112	117		0.0445	684		
			170.0 - 179.5 Silicified and veined (80-90°C/A) approx 1mm - 1cm. width. Much diss aspy	38	170.0	174		0.009	984		
				39	174	179.5		0.0035	496		
179.5	193		BRALORNE DIORITE.								
			Some silicification and alteration as at 184 - 189.	40	184	189.		0.0280	3400		
	193		END OF HOLE.								

DIAMOND DRILL RECORD

PROPERTY WAMSIDE. HOLE No. 93 9-18.

1ft = 30.5cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	−60°	

Hole No. 93 9-18 Sheet No. Lat. Total Depth 127

Section Dep. Logged By CHRIS SAMPSON

Date Begun 22 MAR 93 Bearing 185. Claim

Date Finished 28 MAR 93 Elev. Collar Core Size AQ

Date Logged 9 APRIL 93

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION
0	68		BRALORNE DIORITE.
			massive, medium grained dark green.
			0-12 leucocratic ie Soda granite minor epidote
			29-30 fs TTQ dike contacts 80° C/A.
			38.5-40 fs TTQ dike contacts 80° C/A
			61-68 extensive carbonate alteration
			68 - fault gouge.
68	112.5		VEIN
			pale grey to white, many fracts (hairline)
			variable LS C/A. grey much diss carb.
112.5	127		BRALORNE DIORITE
			massive, dark green, m-cg matl.
	127		END OF HOLE

CORE					SLUDGE			
SAMPLE No.	FROM	TO	GOLD ppb/oz. ton	As ppm	FROM	TO	GOLD ppb/oz. t.	As ppm
554441	68	70	0.0230	3180				
2	70	75	0.0220	1840				
3	75	80	0.0200	1860				
4	80	82	0.0065	974				
5	82	87	0.0045	220				
6	87	92	0.0055	360				
7	92	97	0.0010	8				
8	97	102	0.0180	40				
9	102	107	0.0030	218				
554450	107	112.5	0.0010	138				

DIAMOND DRILL RECORD

PROPERTY WAMSIDE. HOLE No. 93 9-19.

1ft = 30.5cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-60°	

Hole No. 9-19. Sheet No. Lat. Total Depth 196 ft.
Section Dep. Logged By CHRIS SAMPSON
Date Begun 23MAR 93 Bearing 150. Claim WAMSIDE.
Date Finished 26 MAR 93 Elev. Collar Core Size AQ
Date Logged 9 APR 93.

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	CORE SAMPLE No.	CORE FROM	CORE TO	CORE GOLD ppb/oz ton	CORE As ppm	SLUDGE FROM	SLUDGE TO	SLUDGE GOLD ppb/oz t.	SLUDGE As ppm
0	84		BRALORNE DIORITE.									
			massive, dk green to mottled gr/gy.									
			80-84 carbonate alteration									
				554451	84	87	0.0005	90				
84	102.5		VEIN	2	87	92	0.0035	304				
c				3	92	97	0.0045	540				
			Pale gy/off white narrow gy fracts various	4	97	102.5	0.0045	530				
			LS C/A disseim aspy and in fracts									
97	102	50%										
102	107	50%										
102.5	196.		BRALORNE DIORITE - ALTERED									
				554455	102.5	107	0.0850	7250				
			Some sections of Soda granite also,									
			much alteration (carb.)									
			102.5-107 heavy carb. alteration much diss aspy									
			125.5-151.5 Soda granite. 157-162.5 silicification	554456	157	162	0.0050	646				
			some carb alt. diss py. 162-168 carb alt + manp									
			(probable vein)									
196			END OF HOLE.									

DIAMOND DRILL RECORD

PROPERTY WAMSIDE.

HOLE No. 93 9-20

1ft = 30.5cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-20°	

Hole No. 9-20. Sheet No. ____ Lat. ____ Total Depth 92 ft

Section ____ Dep. ____ Logged By CHRIS SOMERSON

Date Begun 27 MAR 93. Bearing 070° Claim ____

Date Finished 28 MAR 93 Elev. Collar 9 LEVEL. Core Size AQ

Date Logged 9 APRIL 93.

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION
0	92.		BRADORE DIORITE
			massive, m-cg. green to dark green.
			9.0-22.0 3-4 cm qvs at 45°C/A and intense carb alteration
			39.5-42.5, carbonate alteration with quartz veining (initial 20 cms is banded quartz HW cont. 90°C/A FW 45°C/A)
			80.0-84.5 carbonate alteration with 5cm qtz veins. Some manganite.
	92		END OF HOLE

CORE					SLUDGE			
SAMPLE No.	FROM	TO	GOLD ppb/oz. ton	As ppm	FROM	TO	GOLD ppb/oz. t.	As ppm
59457	39.5	42.5	<0.0005	36				

DIAMOND DRILL RECORD

PROPERTY WAYSIDE

HOLE No. 93 9-21.

1 ft = 30.5 cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-64°	

Hole No. _____ Sheet No. _____ Lat. _____ Total Depth 172 ft

Section _____ Dep. _____ Logged By CHRIS SAMPSON

Date Begun 29MAR93 Bearing 307 Claim _____

Date Finished 30MAR93 Elev. Collar _____ Core Size AQ

Date Logged 10APRIL93

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION
0	85		BRALORNE DIORITE
			mostly massive dark green but with some irreg. sodic granite sections
			31.5 - 32.0 grey FSPP dyke.
			From 58 down becomes more leucocratic
			Some disseim sulphide mostly aspy
			some carb. alteration
82	87	50%	
85	108		VEIN.
92	97	30%	
97	102	50%	pale grey/off white much disseim
108	132		BRALORNE DIORITE.
132	147		ALTERED BRALORNE DIORITE
			carb. alt some mariip. un min.
147	172		SODA GRANITE
	172		END OF HOLE

CORE					SLUDGE			
SAMPLE No.	FROM	TO	GOLD ppb/oz. ton	As ppm	FROM	TO	GOLD ppb/oz. t.	As ppm
554458	62	67	0.0120	922				
554459	67	72	0.0090	1255				
554460	72	77	0.0160	2700				
554461	77	82	0.0075	1250				
554462	82	87	0.0080	1020				
554463	87	92	<0.0005	8				
554464	92	97	0.0020	160				
554465	97	102	0.0410	3720				
554466	102	107	0.0545	4730				

DIAMOND DRILL RECORD

PROPERTY WAMSIDE.

HOLE No. 93 9-22.

1ft = 30.5cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-65°	

Hole No. _____ Sheet No. _____

Section _____

Date Begun 31MAR93.

Date Finished 4APR93

Date Logged 10APR93.

Lat. _____

Dep. _____

Bearing 345

Elev. Collar _____

Total Depth 165ft.

Logged By CHRIS SAMPSON

Claim _____

Core Size AQ

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION
0	92		BRALORNE DIORITE.
			massive, dark green mottled uniform
			31.2-31.5 gy felsite dyke. contacts 45°C/A
92	97		ALTERED B.D: Carbonate, silicification
97	100		VEIN
			HW contact 45°C/A. fw contact missing
			pale gy well ribboned (1mm) much diss
			aspy.
100	112.5		ALTERED B.D: as above.
112.5	120		VEIN: pale gy much dissem aspy+py.
120	125		BRALORNE DIORITE
125	165		SODA GRANITE
			125-140 carb. alt and mineralization
	165		END OF HOLE.

CORE					SLUDGE			
SAMPLE No.	FROM	TO	GOLD ppb/oz. ton	As ppm	FROM	TO	GOLD ppb/oz. t.	As ppm
554161	92	97	0.0040	670				
68	97	100.	0.0555	8280				
69	112.5	115	0.0390	6430				
70	115	120.	0.0515	5750				
71	120	125	0.0180	3100				
72	135	138	0.0615	9250				

DIAMOND DRILL RECORD

PROPERTY WAYSIDE.

HOLE No. 93 9-23

1ft = 30.5cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-25	

Hole No. 93 9-23 Sheet No.

Section

Date Begun 5 APRIL.93

Date Finished 6 APRIL 93

Date Logged 10 APRIL 93

Lat.

Dep.

Bearing 120.

Elev. Collar

Total Depth 58 ft

Logged By CHRIS SAMPSON

Claim

Core Size AQ

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	CORE SAMPLE No.	CORE FROM	CORE TO	CORE GOLD ppb/oz. ton	CORE As ppm	SLUDGE FROM	SLUDGE TO	SLUDGE GOLD ppb/oz. t.	SLUDGE As ppm
0	58		BRALORNE DIORITE; ALTERED.									
			Listwanite altered Bralorne Diorite. Much carbonate, and mariposite. Footwall alteration zone.	554473	35	37	<0.0005	138				
0	10	No recovery										
10	15	30%										
15	20		Fault gouge: makes high pressure water									
	58		HOLE ABANDONNED DUE TO BAD GROUND.									

DIAMOND DRILL RECORD

PROPERTY WAYSIDE

HOLE No. 93 9-24

1ft = 30.5cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-35	

Hole No. 939-24 Sheet No. 1 Lat.

Section Dep.

Date Begun 6APRIL93 Bearing 100

Date Finished 13APRIL93. Elev. Collar 9LEVEL S.GND

Date Logged 10APRIL, 8MAY93

Total Depth 237 ft.

Logged By CHRIS SAMPSON

Claim

Core Size AQ.

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION
0	58.5		ALTERED BERALORNE DIORITE.
			much carbonate, manposite and silica
58.5	63.0		VEIN
			FW contact 5°C/A.
			pale grey to off white. some dusrim py + aspy.
63.0	86.8		ALTERED BERALORNE DIORITE
86.8	140.2.		VEIN
			HW contact mussing, pale gy qtz many irreg fracts + gy sulphide (aspy). FW contact 45°C/A.

CORE					SLUDGE			
SAMPLE No.	FROM	TO	GOLD ppb/oz. ton	AS ppm	FROM	TO	GOLD ppb/oz. t.	AS ppm
554474	58.5	61.0	0.0105	1960				
75	61.0	63.0	0.0130	828				
554476	86.8	92.0	0.0120	1370				
77	92	97	0.0130	62.				
78	97	102	0.0125	1285				
79	102	107	0.0185	3290				
80	107	112	0.0065	642				
81	112	117	0.0020	136				
82	117	122	0.0070	1610				
83	122	127	0.0100	1140				
553449	127	132	0.012					

HOLE 93 9-24

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au oz/t
140.2	162.2		BRALORNE DIORITE	553450	132	137		0.005
				553452	137	160.2		0.004
			Dark / medium green. Some ankerite, alt. occ 1 cm qv at 45°CA.					
162.2	237		SODA GRANITE					
			massive, grey to off white. Some 5-10 cm qv's at 45°CA with some diabasm aspy. and along irreg fracts < 0.1 mm.	553453	170	172		0.038
237			END OF HOLE.					

DIAMOND DRILL RECORD

PROPERTY WAYSIDE

HOLE No. 93 9-25

1 ft = 30.5cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-25°	

Hole No. 93 9-25 Sheet No. 1. Lat. Total Depth 28ft.

Section Dep. Logged By CHRIS SAMPSON

Date Begun 14 APRIL 93 Bearing 120° Claim

Date Finished 14 APRIL 93 Elev. Collar 9 LEVEL S. END. Core Size AQ

Date Logged 8 MAY 93.

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION
0	28		VEIN: Some manganosite and ank. alt.
			good 6x text (head cheese) minor diss apy.
		VERY POOR	Difficult drilling, very poor recovery
	28		HOLE ABANDONNED DUE TO CAVING.

	CORE					SLUDGE			
SAMPLE No.	FROM	TO	GOLD ppb/oz ton	As ppm		FROM	TO	GOLD ppb/oz t.	As ppm

DIAMOND DRILL RECORD

PROPERTY ______________________

HOLE No. 93-9-26.

1ft = 30.5cm

DIP TEST		
Footage	Angle Reading	Angle Corrected
0	-15°	

Hole No. 93-9-26. Sheet No. ______
Section ______
Date Begun 14 APRIL 93
Date Finished 20 APRIL 93
Date Logged 8 MAY 93.

Lat. ______
Dep. ______
Bearing 135
Elev. Collar 9 LEVEL S. END

Total Depth 223 ft.
Logged By CHRIS SAMPSON
Claim WAYSIDE
Core Size AQ

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	CORE SAMPLE No.	CORE FROM	CORE TO	CORE GOLD ppb/oz. ton	CORE As ppm	SLUDGE FROM	SLUDGE TO	SLUDGE GOLD ppb/oz. t.	SLUDGE As ppm
0	107.5		BRALORNE DIORITE. (ALTERED)									
			mostly massive dark green coarse mafic with some intensely altered and veined sections									
			0-38 heavily altered, silicified (irregular areas) ankerite and mariposite; minor dissem sulph (aspy py) - 115 soda granite									
			38-40 felsite dyke. contacts 40° C/A.	553454	87	89.5	0.013					
			87-89.5 VEIN: pale grey HW cont 45° C/A. FW 20° C/A.									
			103.0 - 103.4 FAULT: CLAY FAULT GOUGE.									
			104.1 - 104.4 barren white qv. 20° C/A.									
107.5	163.1.		VEIN									
			pale gy to off white, many dk gy areas numerous dk gy irreg fracts, diss aspy some py. HW contact missing FW contact obscure - grades into Soda Granite									

SHEET [redacted] HOLE [redacted] 9[redacted]26

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au oz/t
				55	107.5	113		0.025
			VEIN.	56	113	118		0.018
				57	118	123		0.051
				58	123	128		0.022
				59	128	133		0.006
				60	133	138		0.011
				61	138	143		0.044
				62	143	148		0.016
				63	148	153		0.024
				64	153	158		0.021
				65	158	163.1		0.014
163.1	181.5		SODA GRANITE.					
			salt ~~pepper~~ colours. medium to cg.					
181.5	199.3		BRALORNE DIORITE.					
			massive, dark green, mg to cg.	66	199.3	203		0.032
				67	203	208		0.006
199.3	213.1		VEIN	68	208	213.1		0.006
			HW contact 50°C/A · FW contact 50°C/A					
213.1	223		BRALORNE DIORITE					
			Altered some veining - irregular					
223			END OF HOLE					

DIAMOND DRILL RECORD

PROPERTY WAMSIDE

HOLE No. 93 9-27.

1ft = 30.5cm

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-50°	

Hole No. 93 9-27 Sheet No. ____ Lat. ____ Total Depth 72 ft.

Section ____ Dep. ____ Logged By CHRIS SAMPSON

Date Begun 20 APRIL 93 Bearing 070. Claim ____

Date Finished 21 APRIL 93 Elev. Collar ____ Core Size AQ

Date Logged 8 MAY 93

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION
0	5	NO RECOVERY	
5	10		VEIN
			Brecciated and Rubbonned. Diss py
			assay. core very broken, FW contact missing
10	67		LISTWANITE
			Altered Bralorne Diorite - Intense
			ankerite, silicification, manipostite
67	72.		VEIN
			As above. contact missing
72			END : Abandoned due to caving

CORE					SLUDGE			
SAMPLE No.	FROM	TO	GOLD ppb/oz ton	As ppm	FROM	TO	GOLD ppb/oz t.	As ppm
553469	5	10	0.022					
553470	67	72	0.016					

Dr. Fabrice Cordey
311-1080 Pacific Street
Vancouver, B.C., V6E 4C2 *ph (604) 684-6799*

REPORT ON RADIOLARIANS

1994

BRALORNE 92J/15
18 localities

TO:
Mr. Franck Callaghan
Wayside Gold Mines Limited
606-510 West Hastings
Vancouver V6B 1L8

Fabrice Cordey

January 4th, 1994

Content

Field No.: 93CH-6 (3 samples processed)
Collector: Cordey
LOCATION:
NTS: 92J/15
UTM: Zone 10U; E510200, N5635700
Description: Gun Lake, southeast shore
GEOLOGY:
Formation: Bridge River group
Lithology: grey/brown ribbon chert, bed thickness 0.5 to 5 cm, average 1.5 cm.
Outcrop: isolated, west of greenstone "1" (Chevron map)
RADIOLARIANS:
Pseudoalbaillella lomentaria Ishiga and Imoto
Pseudoalbaillella longicornis Ishiga and Imoto
Scharfenbergia sp.

AGE: Early Permian; late Asselian-early Artinskian.

Field No.: 93CH-7 (2 samples processed)
Collector: Cordey
LOCATION:
NTS: 92J/15
UTM: Zone 10U; E510400, N5635750
Description: Gun Lake, southeast shore
GEOLOGY:
Formation: Bridge River group
Lithology: black ribbon chert
Outcrop: isolated; east of greenstone "1"; argillite on west side
RADIOLARIANS:
poorly preserved shells
?*Canoptum* sp.

AGE: probably Middle or Late Triassic.

Field No.: 93CH-8 (3 samples processed)
Collector: Cordey
LOCATION:
NTS: 92J/15
UTM: Zone 10U; E510500, N5635800
Description: Gun Lake, southeast shore
GEOLOGY:
Formation: Bridge River group
Lithology: red and grey ribbon chert
Outcrop: isolated; 50 meters east of pillow-lavas
RADIOLARIANS:
Pseudostylosphaera helicata (Nakaseko and Nishimura)
Pseudostylosphaera japonica (Nakaseko and Nishimura)
Pseudostylosphaera longispinosa Kozur and Mostler
Pseudostylosphaera tenuis (Nakaseko and Nishimura)
Plafkerium cochleatum (Nakaseko and Nishimura)
Sarla cf. *kretaensis* Kozur and Krahl

AGE: Middle Triassic; Anisian-Ladinian.

Field No.: 93CH-9 (3 samples processed)
Collector: Cordey
LOCATION:
NTS: 92J/15
UTM: Zone 10U; E510950, N5636100
Description: Gun Lake, southeast shore
GEOLOGY:
Formation: Bridge River group
Lithology: grey and black ribbon chert
Outcrop: chert associated with thin greenstone slice (fault contact); chert located on the other side of greenstone is barren.
RADIOLARIANS:
Archaeosemantis sp.
unidentified entactiniids

AGE: possibly Early Triassic.

Field No.: 93CH-21 (1 sample processed)
Collector: Cordey
LOCATION:
NTS: 92J/15
UTM: Zone 10U; E510800, N5635900
Description: Gun Lake, southeast shore
GEOLOGY:
Formation: Bridge River group
Lithology: grey ribbon chert
Outcrop: disrupted chert section in contact with thin greenstone slice; contact is tectonic, possibly former stratigraphic contact previous to decollement.
RADIOLARIANS:
Follicucullus monacanthus Ishiga and Imoto

AGE: Late Permian; Kazanian.

Field No.: 93CH-22 (1 sample processed)
Collector: Cordey
LOCATION:
NTS: 92J/15
UTM: Zone 10U; E510700, N5635850
Description: Gun Lake, southeast shore
GEOLOGY:
Formation: Bridge River group
Lithology: grey/brown ribbon chert
Outcrop: isolated
RADIOLARIANS:
Hegleria cf. *mammifera* Nazarov and Ormiston
Pseudoalbaillella fusiformis (Holdsworth and Jones)
Pseudoalbaillella globosa Ishiga and Imoto
Quinqueremis cf. *robusta* Nazarov and Ormiston

AGE: Late Permian; Kungurian.

Field No.: 93CH-23 (1 sample processed)
Collector: Cordey
LOCATION:
NTS: 92J/15
UTM: Zone 10U; E510700, N5635700
Description: Gun Lake, southeast shore
GEOLOGY:
Formation: Bridge River group
Lithology: grey/brown ribbon chert
Outcrop: isolated
RADIOLARIANS:
Albaillella sinuata Ishiga and Imoto
Latentibifistula cf. *kamigoriensis* (De Wever and Caridroit)
Pseudoalbaillella fusiformis (Holdsworth and Jones)
Quadriremis sp.
Quinqueremis cf. *robusta* Nazarov and Ormiston

AGE: Permian; late Artinskian-Kungurian.

Field No.: 93CH-24 (1 sample processed)
Collector: Cordey
LOCATION:
NTS: 92J/15
UTM: Zone 10U; E510700, N5635600
Description: Gun Lake, southeast shore
GEOLOGY:
Formation: Bridge River group
Lithology: light grey/brown ribbon chert
Outcrop: isolated
RADIOLARIANS:
poorly preserved and undescribed conical forms

AGE: Permian or Triassic

Field No.: 93CH-11 (1 sample processed)
Collector: Cordey
LOCATION:
NTS: 92J/15
UTM: Zone 10U; E511500, N5636200
Description: between Gun and Carpenter lakes, south slope of hill
GEOLOGY:
Formation: Bridge River group
Lithology: red ribbon chert
Outcrop: isolated
RADIOLARIANS:
very poorly preserved spumellarians

AGE: Phanerozoic.

Field No.: 93CH-12 (1 sample processed)
Collector: Cordey
LOCATION:
NTS: 92J/15
UTM: Zone 10U; E511800, N5635300
Description: Carpenter Lake, northwest shore, along road
GEOLOGY:
Formation: Bridge River group
Lithology: grey ribbon chert
Outcrop: isolated
RADIOLARIANS:
poorly preserved spumellarians and nassellarians
?*Pseudostylosphaera* sp.

AGE: probably Middle or Late Triassic.

Field No.: 93CH-17 (1 sample processed)
Collector: Cordey
LOCATION:
NTS: 92J/15
UTM: Zone 10U; E511500, N5635000
Description: Carpenter Lake, northwest shore
GEOLOGY:
Formation: Bridge River group
Lithology: green/brown ribbon chert
Outcrop: isolated, but locally associated with greenstone
RADIOLARIANS:
?*Eptingium manfredi* Dumitrica
Oertlispongus inaequispinosus Dumitrica, Kozur and Mostler
Pseudostylosphaera aff. *compacta* (Nakaseko and Nishimura)

AGE: Middle Triassic; Anisian-Ladinian.

Field No.: 93CH-18 (1 sample processed)
Collector: Cordey
LOCATION:
NTS: 92J/15
UTM: Zone 10U; E511600, N5635600
Description: Carpenter Lake, northwest shore
GEOLOGY:
Formation: Bridge River group
Lithology: grey ribbon chert
Outcrop: isolated
RADIOLARIANS:
?*Plafkerium* sp.
Triassocampe sp.

AGE: Middle or Late Triassic; Anisian-Carnian.

Field No.: 93CH-19 (1 sample processed)
Collector: Cordey
LOCATION:
NTS: 92J/15
UTM: Zone 10U; E511600, N5635600
Description: Carpenter Lake, northwest shore
GEOLOGY:
Formation: Bridge River group
Lithology: grey ribbon chert
Outcrop: isolated
RADIOLARIANS:
Canoptum sp.
Paratriassoastrum sp.
Pseudostylosphaera sp.
Triassocampe sp.

AGE: Middle or Late Triassic; Ladinian-Carnian.

Field No.: 93CH-13 (1 sample processed)
Collector: Cordey
LOCATION:
NTS: 92J/15
UTM: Zone 10U; E512600, N5635400
Description: Carpenter Lake, southeast shore
GEOLOGY:
Formation: Bridge River group
Lithology: red ribbon chert
Outcrop: above cliff, south side of road
RADIOLARIANS:
very poorly preserved spumellarians, recristallized silica spheres
unidentifiable radiolarians

AGE: Phanerozoic.

Field No.: 93CH-14-2 (2 samples processed)
Collector: Cordey
LOCATION:
NTS: 92J/15
UTM: Zone 10U; E512700, N5635500
Description: Carpenter Lake, southeast shore, along road
GEOLOGY:
Formation: Bridge River group
Lithology: red ribbon chert
Outcrop: isolated
RADIOLARIANS:
very poorly preserved spumellarians
specimens evoke Triassic Sarlinae

AGE: probably Triassic.

Field No.: 93CH-14-3 (1 sample processed)
Collector: Cordey
LOCATION:
NTS: 92J/15
UTM: Zone 10U; E512700, N5635500
Description: Carpenter Lake, southeast shore, along road
GEOLOGY:
Formation: Bridge River group
Lithology: red ribbon chert
Outcrop: isolated
RADIOLARIANS:
poorly preserved spumellarians and nassellarians
?*Pseudostylosphaera* sp.
?*Sarla* sp.

AGE: Middle or Late Triassic.

Field No.: 93CH-25 (3 samples processed)
Collector: Cordey
LOCATION:
NTS: 92J/15
UTM: Zone 10U; E513800, N5624000
Description: Bralorne mine, entrance adit level 800
GEOLOGY:
Formation: ?Bridge River group
Lithology: siltstone with sandy levels
Outcrop: section along level 800; bedding tends to disappear to the east (increasing proximity of fault)
RADIOLARIANS:
?poorly preserved silica forms visible on surface of sample;
no identifiable fauna in residue

AGE: undetermined.

Field No.: 93CH-27
Collectors: Fabrice Cordey/ Jim Miller-Tait (ONIVA Int.)/ Franck Callaghan
LOCATION:
NTS: 92J/15
UTM: Zone 10U; E514300, N5625300
Description: 1 km north-east of Bralorne
GEOLOGY:
Formation: Bridge River group
Lithology: grey ribbon chert
Outcrop: isolated; greenstone in vicinity although no contact observed.
RADIOLARIANS:
?*Capnuchosphaera* sp.
?*Pseudostylosphaera* sp.
Sarla sp.

AGE: Middle or Late Triassic; possiby Carnian-Norian.

Radiolarian ages synthesis

1 - Gun Lake, southeast shore

93CH-6: Early Permian; late Asselian-early Artinskian
93CH-7: probably Middle or Late Triassic
93CH-8: Middle Triassic; Anisian-Ladinian
93CH-9: possibly Early Triassic
93CH-21: Late Permian; Kazanian
93CH-22: Late Permian; Kungurian
93CH-23: Middle or Late Permian; late Artinskian-Kungurian
93CH-24: Permian or Triassic
LOC.2(*): Middle or Late Permian; Sakmarian-Kazanian
LOC.4(*): Middle Triassic; Ladinian

2 - Carpenter Lake, northwest shore

93CH-11: Phanerozoic
93CH-12: probably Middle or Late Triassic
93CH-17: Middle Triassic; Anisian-Ladinian
93CH-18: Middle or Late Triassic; Anisian-Carnian
93CH-19: Middle or Late Triassic; Ladinian-Carnian

3 - Carpenter Lake, southeast shore

93CH-13: Phanerozoic
93CH-14-2: probably Triassic
93CH-14-3: Middle or Late Triassic

4 - Bralorne mine

93CH-25: undetermined
93CH-27: Middle or Late Triassic; possiby Carnian-Norian.

(*) Cordey, F., and Schiarizza, P., 1993: A long-lived panthalassic remnant: the Bridge River accretionnary complex, Canadian Cordillera; **Geology**, vol. 21, p. 263-266.

Conclusion

Chert exposures near Gold Bridge and Bralorne have been investigated in order to detect occurrences of radiolarian fauna.

Best radiolarian assemblages are encountered in Gun Lake area (Figure 2); chert slices exposed along the southeastern shore are associated with massive greenstone in fault slice and, in place, pillow-lavas. In this area, ribbon chert range in age from Early Permian to Middle or Late Triassic, including intermediate ages (late Asselian-early Artinskian, Kungurian, Kazanian, possibly Early Triassic, Anisian-Ladinian, Ladinian). Chert more closely associated with greenstone is Late Permian (93CH-21), possibly Early Triassic (93CH-9), and Middle or Late Triassic (93CH-8).

To the south on the northwest shore of Carpenter Lake (Wayside property), several localities turned out to be productive (Figure 3). Radiolarian preservation is poor to moderate, and chert ranges in age from Middle Triassic (Anisian-Ladinian) to Middle or Late Triassic (Ladinian-Carnian). Although not indicated at the scale of the geological map by Chevron, locality 93CH-17 (Middle Triassic; Anisian-Ladinian) is found in association with massive greenstone (contact not observed).

On the other side of Carpenter Lake (Figure 4), chert exposures yield poorly preserved radiolarians faunas. Radiolarian assemblage recovered at one locality (93CH-14-3) is Middle or Late Triassic in age. This age is potentially similar to the age obtained from chert on the other side of Carpenter Lake (93CH-12), indicating a possible correlation between the two packages.

Samples from Bralorne mine (entrance level 800, 93CH-25) have not been productive in spite of several extraction attempts. Chert exposures observed on the western side of Mount Fergusson Creek, as well as the outcrops exposed near Sucker Lake and headwaters of McDonald Creek have yielded no identifiable radiolarian fauna. However, a chert locality of the Bridge River group (93CH-27) has yielded identifiable radiolarians near Bralorne. This association is Middle or Late Triassic in age, possibly Carnian-Norian. This date overlaps previous ages obtained on chert packages of the Bridge River Group:
(1) on the north shore of Carpenter Lake, including Wayside property (locality 93CH-12, this report, p. 7).
(2) on the south side of Carpenter Lake, northeast of Gold Bridge (locality 93CH-14-3, this report, p. 10)
This date reinforce the interpretation that these chert packages are partly coeval and therefore correlative.

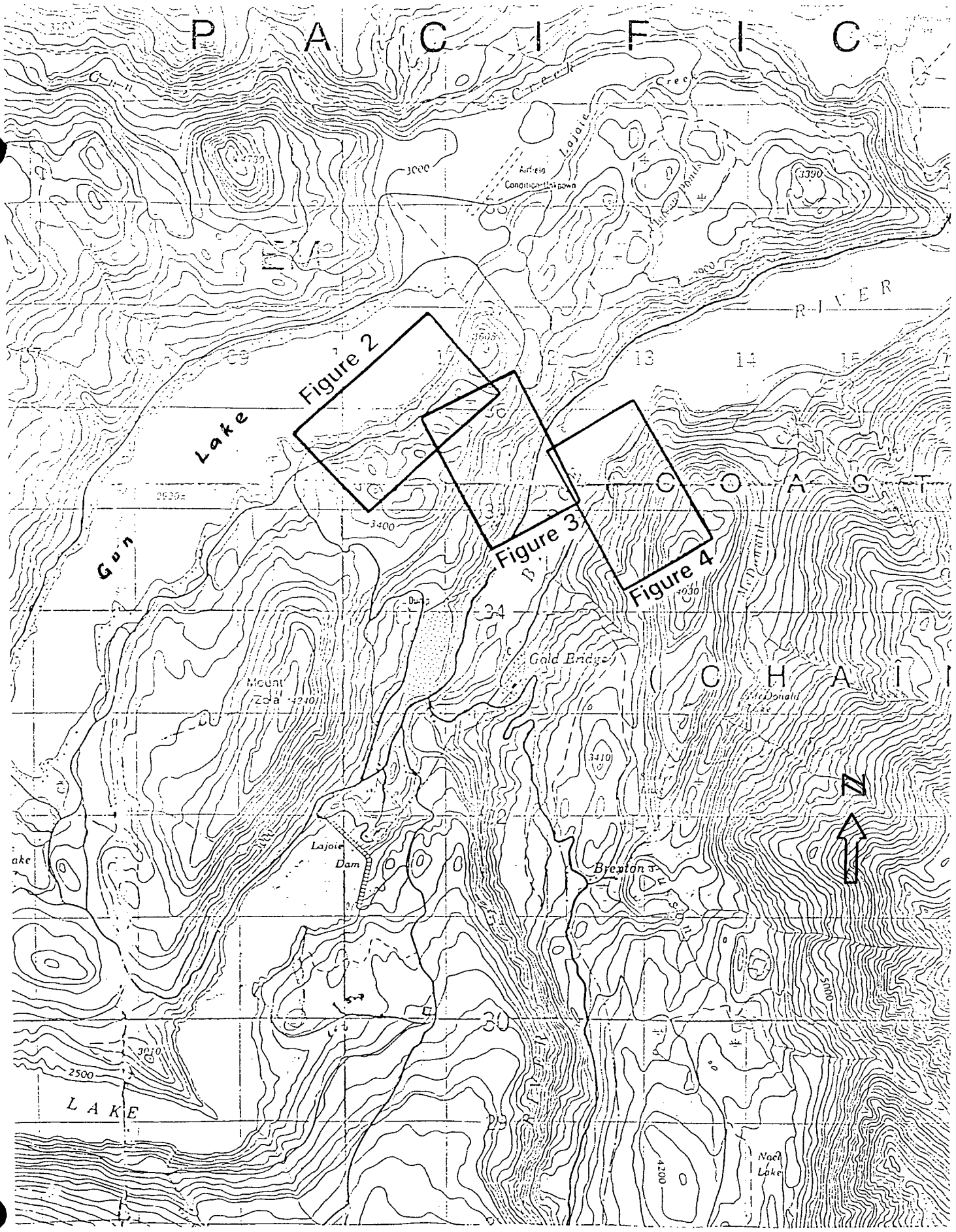
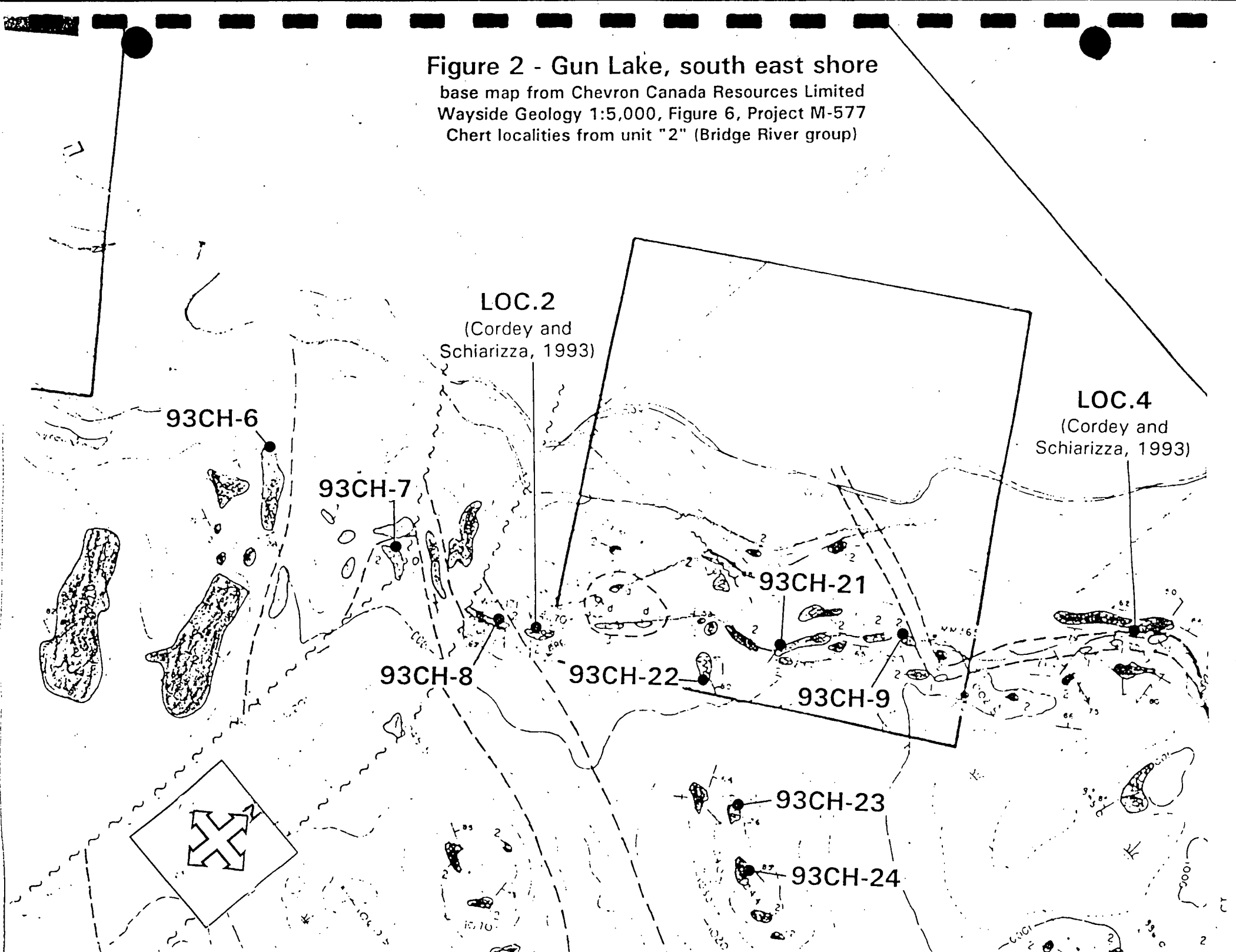


Figure 1 - Location of radiolarian localities

map area Bralorne 92J/15, 1:50,000

Figure 2 - Gun Lake, south east shore

base map from Chevron Canada Resources Limited
Wayside Geology 1:5,000, Figure 6, Project M-577
Chert localities from unit "2" (Bridge River group)



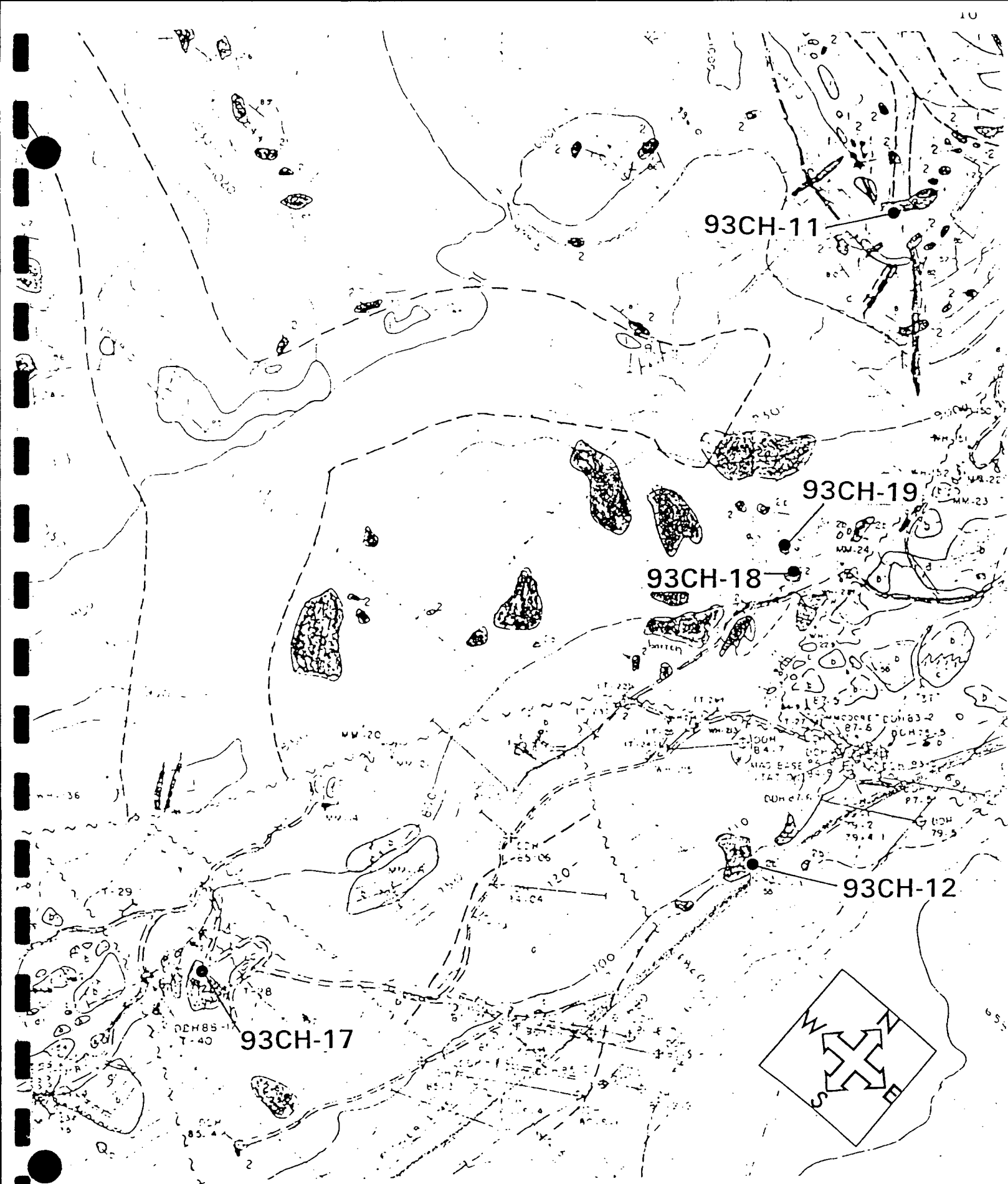


Figure 3 - Carpenter Lake, north west shore

base map from Chevron Canada Resources Limited
Wayside Geology 1:5,000, Figure 6, Project M-577
Chert localities from unit "2" (Bridge River group)

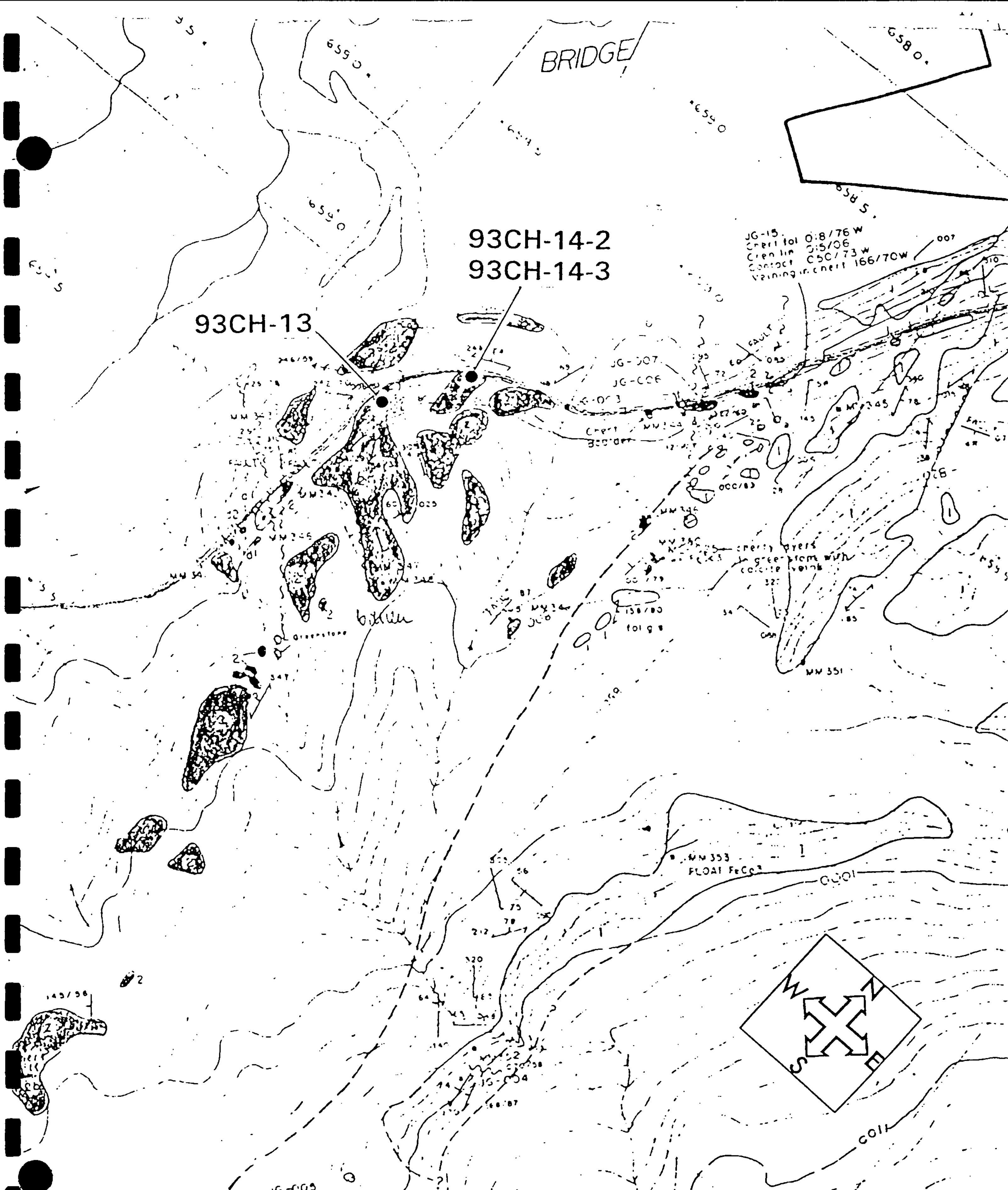


Figure 4 - Carpenter Lake, south east shore

base map from Chevron Canada Resources Limited
Wayside Geology 1:5,000, Figure 6, Project M-577
Chert localities from unit "2" (Bridge River group)

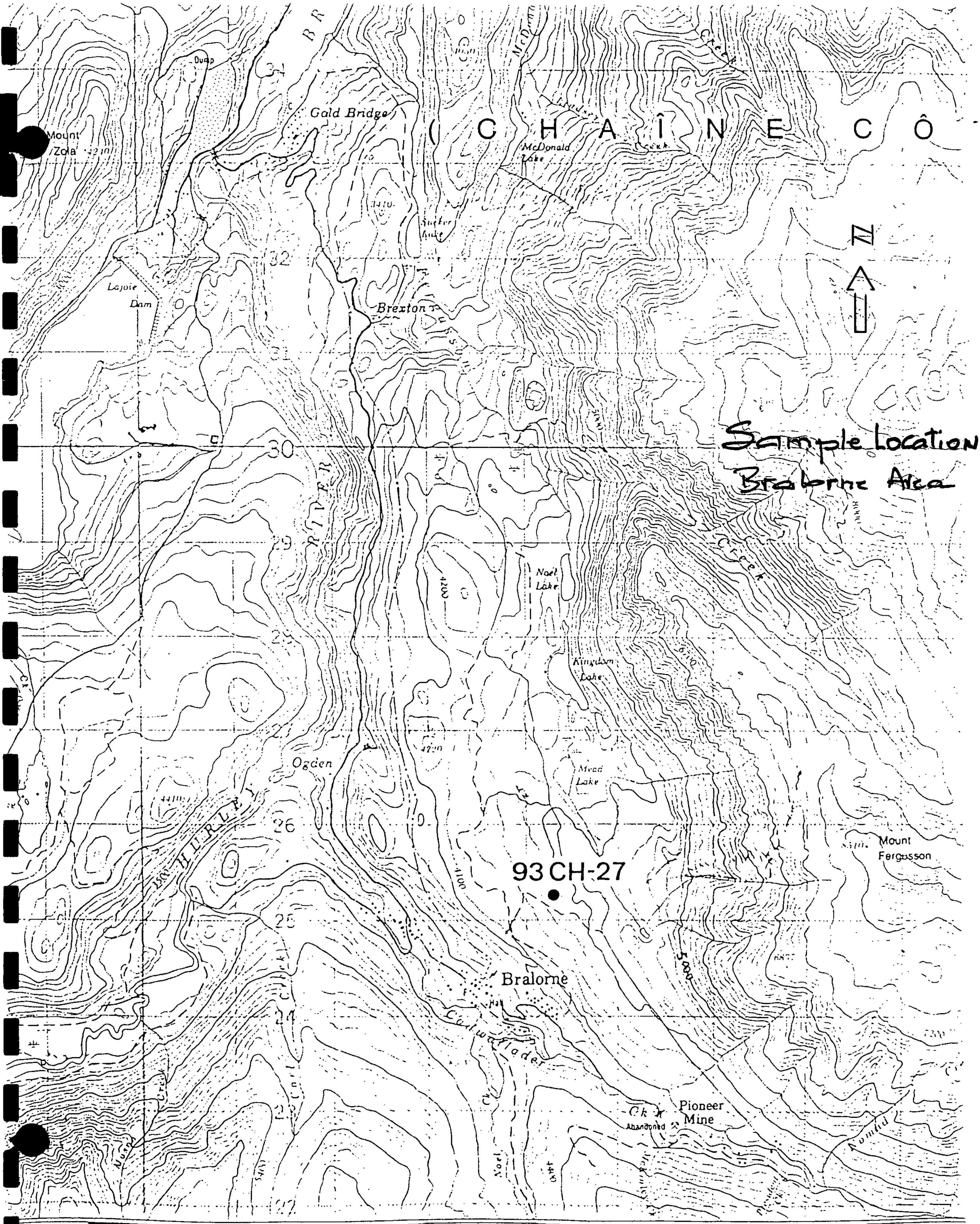

Sample Location
Bralorne Area
93 CH-27
Bralorne
Pioneer Mine
Abandoned
Mount Fergusson
Gold Bridge
Brexton
McDonald Lake
Lajoie Dam
Noel Lake
Kingdom Lake
Mead Lake
Ogden
Mount Zola
(C H A Î N E C Ô
HURLEY
RIVER
Cadwallader
Creek
09
10
11
50′
45′

Figure 5

PLAN OF MINE AREA

BRIGADIER RESOURCES LTD.,
WAYSIDE GOLD MINES LTD.,

WAYSIDE MINE
LILLOOET M.D.

N.T.S. 92 J/15 Rev. May 1993 • DATE: MAR., 1993
DRAWN: C.J.S./dw FIGURE: 1

SCALE 1:480
1 INCH = 40 FEET
0 50 100 200
1 cm = 30.5 cm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,334

EXPLANATION

SURVEY POINT & NUMBER
SAMPLE LOCATION
801, 18', 0.25 (sample number, length in inches, Au oz/t)
ADIT — VEIN

UNDERGROUND DRILL HOLE
drill hole number, dip, length in feet

SURFACE DRILL HOLE LOCATION
drill hole number (azimuth, dip)

BRALORNE — LILLOOET HIGHWAY
POWER LINE
CHANNEL
DRILL SITE 'A'
DRILL SITE 'B'
DRILL SITE 'C'
DRILL SITE 'D'
No. 9 LEVEL
No. 8 LEVEL
No. 7 LEVEL
No. 5 LEVEL
No. 4 LEVEL
No. 3 LEVEL
No. 2 LEVEL
No. 1 ADIT
No. 150 ADIT
No. 2 "M" ADIT
No. 3 ADIT
No. 4 ADIT
No. 4W ADIT
No. 5 ADIT
ADIT "O"
PAXTON ADIT
3 T ADIT (ALBITE)
NOTMAN or HANGING WALL
NOTMAN VEIN ?
MAIN VEIN
STOPE
WINZE
COLLAR
HOIST ROOM (Expanded 1951)
GLORY HOLE
6 STATION
RED SPAD 791
ELEV. (RED SPAD 791 IN ROOF 2206.99 (672.66m) – MARSHIK 1993)
(ORIGINAL MINE SURVEY 1936 21476')
Abandoned in Overburden
Widened in 1952 for Hoist Room for Proposed winze.
River Gravel End 802
End 902
2' quartz vein (902)
(901) 5 ft. split core sampled 4 vein quartz

BRIGADIER RESOURCES LTD.
WAYSIDE GOLD MINES LTD.

WAYSIDE MINE

LILLOOET MINING DIVISION, B.C. NTS 92 J/15.

PLAN – LEVELS 7,8 & 9

DATE: MAR., 1993 Rev. May 1993 FIGURE No. 2

BY: C.J.S./rwr

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,334

NOTE: SAMPLES COLLECTED OCT., 1992
GOLD SAMPLES - WIDTH IN METRES,
VALUES IN OZ/TON

⊢ ⊣ WOODEN CHUTES

9 LEVEL (1802.4')

8 LEVEL (1902.4')

7 LEVEL (2007.4')

No. 8 LEVEL

No. 6 LEVEL

DRILL SITE A

DRILL SITE B

DRILL SITE C

DRILL SITE D

STOPE

WINZE

PLUNGE

BLOCKED BY WOOD

CAVED

LOOSE GROUND UNMAPPED

NARROW STREAM

4cm GOUGE

SCALE 1:200

0 5 10 20 metres

ELEV. A.S.L.

2200'

2000'

1800'

1600'

1400'

1200'

5th LEVEL

7th LEVEL

8th LEVEL

9th LEVEL

STOPED (WAYSIDE MAIN VEIN)

HIGHWAY

80-S-11

87-1

80-S-10

91-1

BD

SG

FP

vein with cpy

sg

vein 161.5'-165.0', 5, 104
165.0'-169.0', 3, 92

qv + marip

400

500'

600

800'

1000'

304.6'-304.9' vein

323.5'-324.0' vein

518.4

541.4

588.61'-594.0', 1.84 oz/t Au

HANGING WALL or NOTMAN VEIN

685'-700.2' VEIN
685.1'-694.9', 2.63 oz/t, 1.02 oz/t Ag
685'-700', 1.76 oz/t Au

SHEAR ZONE

BROKEN UP ZONE WITH QUARTZ & CARBONATE VEINS

764'-778' FAULT ZONE
764.9'-765.4', 85, 110
765.4'-766.4', 95, 20

EOH 901'

POSSIBLE ALTERNATE DIP (ACCORDING TO CHEVRON)

1209' (CHEVRON)

1257' (BH)

1209' (CHEVRON)

1257' (BEACON HILL)

SHEAR ZONE IN QUARTZ VEIN
668.5'-672.4', 180, 1018
675.2'-684.4', QUARTZ VEIN
672.4'-679.0', 4, 7
679.0'-683.0', 7, 118
683.0'-684.4', 2, 52

700'

800'

carb alteration

EOH. 843'

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,334

LEGEND

BD	BRALORNE DIORITE
SG	SODA GRANITE
FP	FELDSPAR PORPHYRY
qv	Quartz vein
marip	Mariposite
carb	Carbonate
cpy	Chalcopyrite

ASSAYS

764.9'-765.4', 65, 110 (SAMPLE INTERVAL, Au ppb, As ppm)

1 INCH = 40 FEET

0 50 100 200

SCALE 1:480

BRIGADIER RESOURCES LTD.,
WAYSIDE GOLD MINES LTD.,

WAYSIDE MINE

LILLOOET M.D.

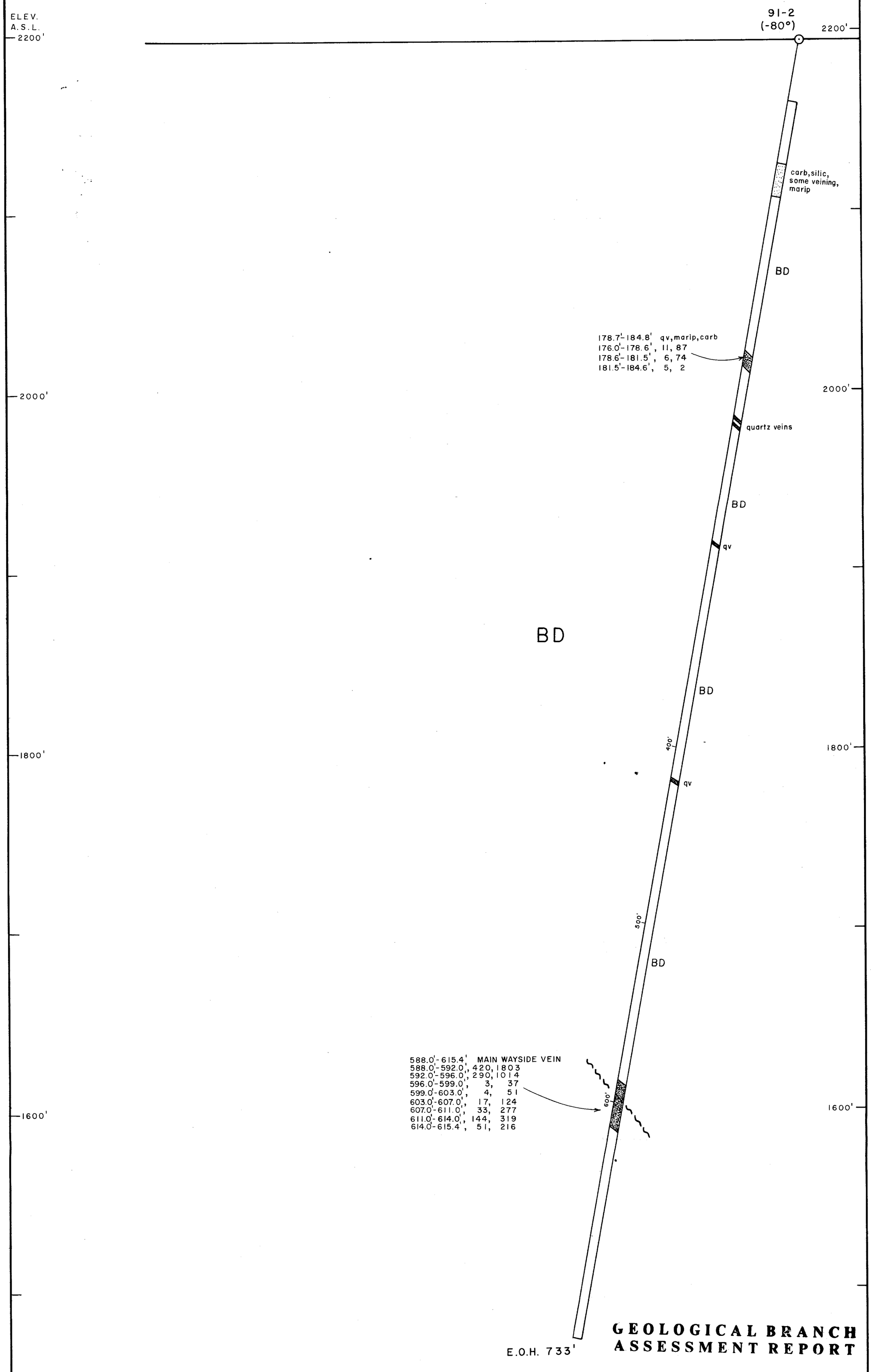
CROSS SECTION ALONG 214°

N.T.S. 92 J/15

DATE: DEC. 1991

DRAWN: C.J.S./dw

FIGURE: 3.1



GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,334

INCH = 40 FEET
0 50 100 200
SCALE 1: 480

LEGEND

BD	BRALORNE DIORITE
SG	SODA GRANITE
qv	Quartz vein
marip	Mariposite
carb	Carbonate
silic	Silicification

ASSAYS

. 588.0'-592.0' 420, 1803 (SAMPLE INTERVAL, Au ppb, As ppm)

BRIGADIER RESOURCES LTD.,
WAYSIDE GOLD MINES LTD.,

WAYSIDE MINE

LILLOOET M.D.

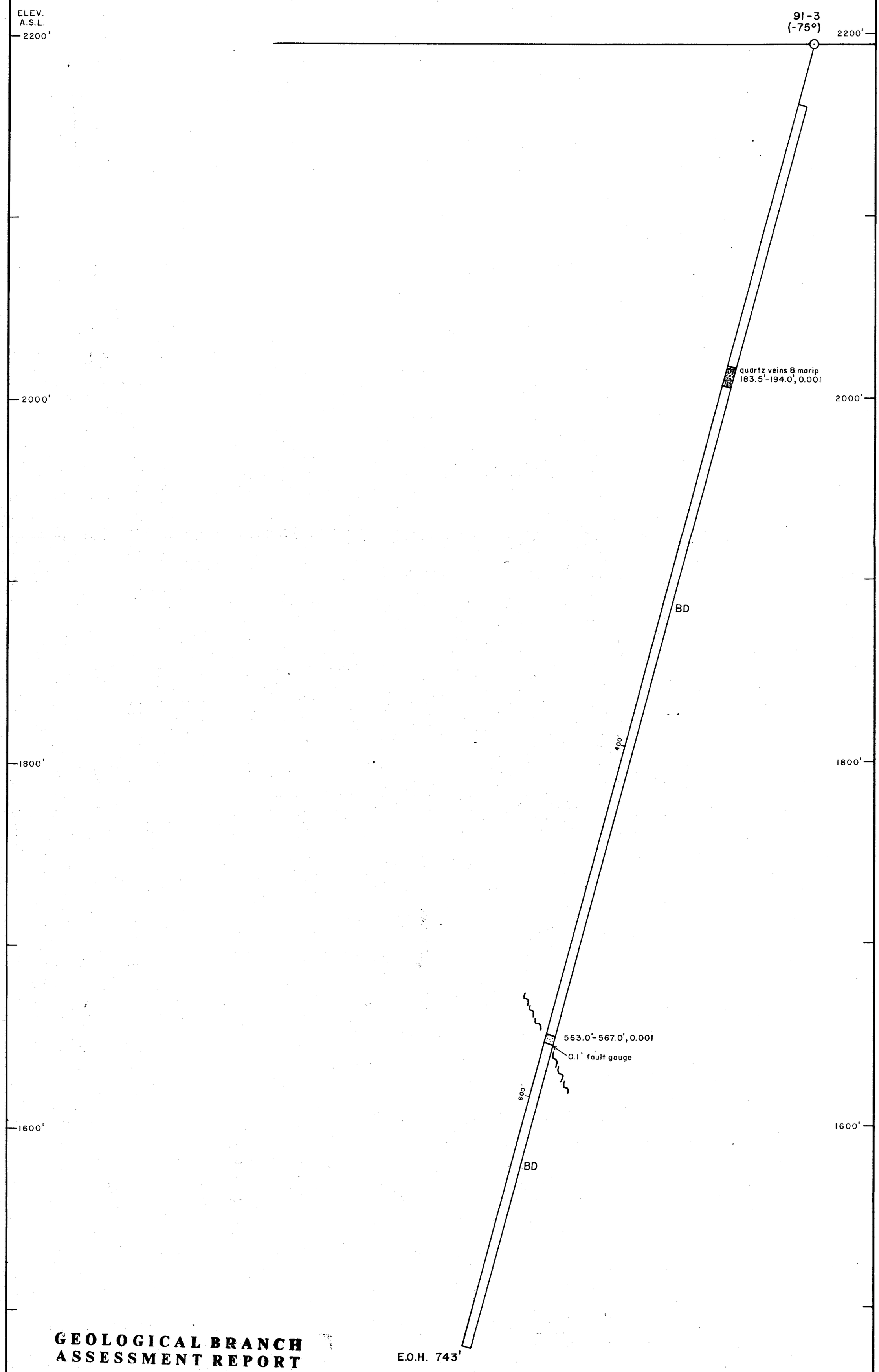
CROSS SECTION ALONG 246°

N.T.S. 92 J / 15

DATE: DEC. 1991

DRAWN: C.J.S./dw

FIGURE: 3.2



GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,334

LEGEND

BD	BRALORNE DIORITE
SG	SODA GRANITE
qv	Quartz vein
marip	Mariposite
carb	Carbonate
silic	Silicification

ASSAYS

563.0'-567.0', 0.001 (SAMPLE INTERVAL, Au oz/t)

1 INCH = 40 FEET
0 50 100 200
SCALE 1: 480

BRIGADIER RESOURCES LTD.,
WAYSIDE GOLD MINES LTD.,

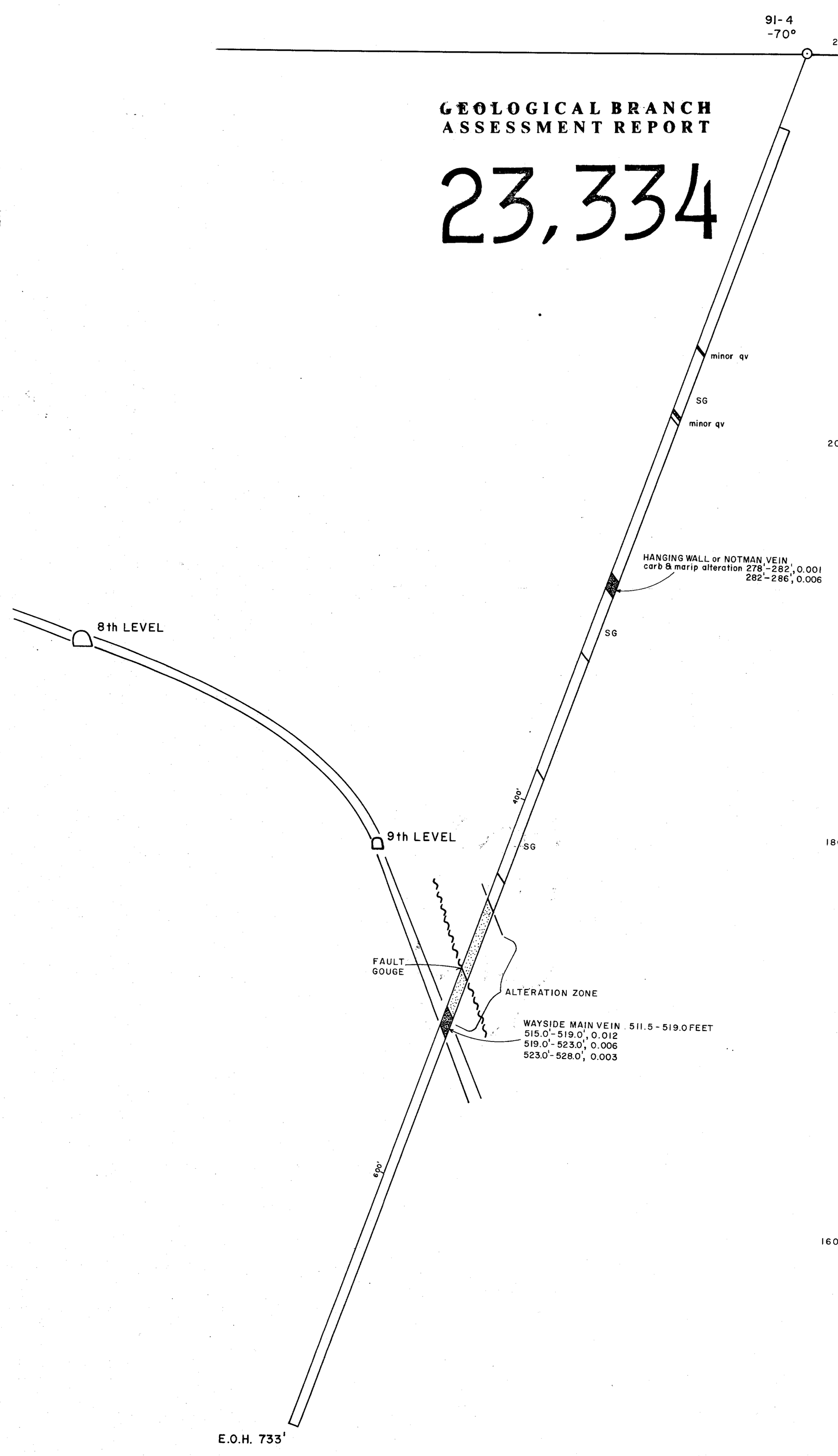
WAYSIDE MINE

LILLOOET M.D.

CROSS SECTION ALONG 260°

N.T.S. 92 J / 15 DATE: DEC. 1991

DRAWN: C.J.S./dw FIGURE: 3.3



LEGEND

BD	BRALORNE DIORITE
SG	SODA GRANITE
qv	Quartz vein
marip	Mariposite
carb	Carbonate
silic	Silicification

ASSAYS

519.0'-523.0', 0.006 (SAMPLE INTERVAL, Au oz/t)

1 INCH = 40 FEET

0 50 100 200

SCALE 1:480

BRIGADIER RESOURCES LTD.,
WAYSIDE GOLD MINES LTD.,

WAYSIDE MINE

LILLOOET M.D.

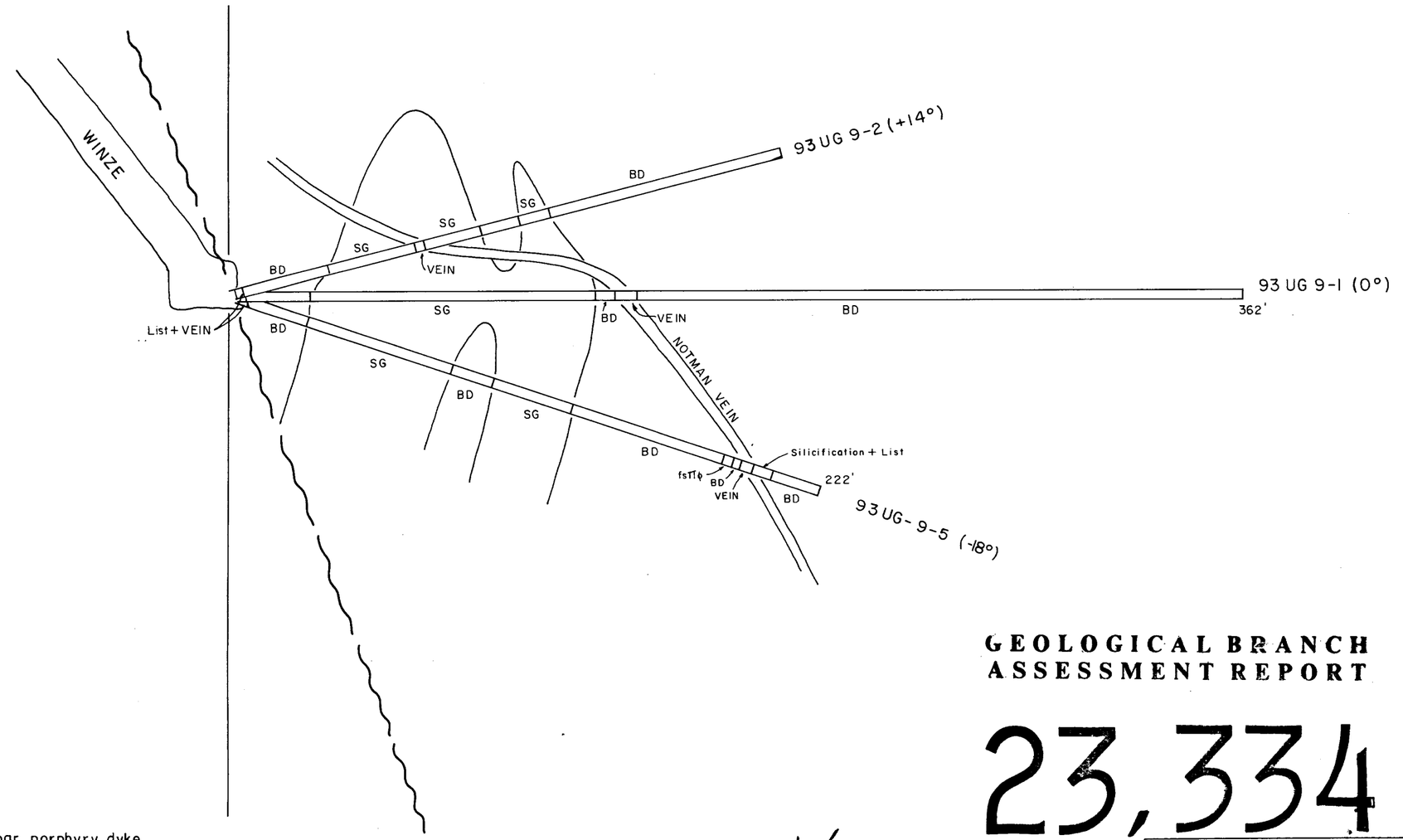
CROSS SECTION ALONG 210°

N.T.S. 92 J/15

DATE: DEC. 1991

DRAWN: C.J.S./dw

FIGURE: 3.4



LEGEND:

	Vein
fsllo	Feldspar porphyry dyke
BD	Bralorne diorite
SG	Soda granite
List	Listwanite

1" = 40'

1:480

1ft = 30.5cm

0 50' 100'

SCALE IN FEET

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,334

BRIGADIER RESOURCES LTD.
WAYSIDE GOLD MINES LTD.

WAYSIDE MINE
LILLOOET MINING DIVISION, B.C. NTS 92 J/15

CROSS SECTION
93UG – 9–1,2 & 5
LOOKING 050°

DATE: MAR., 1993
BY: C.J.S./rwr

FIGURE No. 4.1

ELEV (Ft)

1900

1800

1700

1600

1500

93UG-9-4 (+40°)
112'

93UG-9-3 (+14°)
190'

93UG-9-6 (-20°)
242'

93UG-9-10, -65°
55'

93UG-9-9 (-50°)
292'

93UG-9-8 (-55°)
327'

SG, BD, VEIN, List, fsΠφ

GEOLOGICAL BRANCH ASSESSMENT REPORT

23,334

LEGEND:

	Vein
fsΠφ	Feldspar porphyry dyke
BD	Bralorne diorite
SG	Soda granite
List	Listwanite

1ft = 30.5cm

0 20' 40' 60' 80' 100'

SCALE IN FEET

1 : 240

BRIGADIER RESOURCES LTD.
WAYSIDE GOLD MINES LTD.

WAYSIDE MINE
LILLOOET MINING DIVISION, B.C. NTS 92 J/15

CROSS SECTION
93UG – 9-3,4,6,8 & 9
LOOKING 065°

DATE: MAR., 1993
BY: C.J.S./rwr

FIGURE No. 4.2