Exploration (Drilling and Geology) Report on the Watson Bar Gold Project

Clinton Mining Division, British Columbia

Latitude 51° 03' North
Longitude 122° 03' West

Durfeld Geological Management Ltd.
P.O. Box 4438 Station Main
Williams Lake, B.C. V2G 2V5

by:
Rudolf M. Durfeld, B.Sc., P.Geo.
September 1999.

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* - attached illustration

1. Summary and Conclusions

The Watson Bar property, consisting of 111 contiguous mineral claim units covers some 2775 hectares (6875 acres) in the Clinton Mining Division. The property is 33 kilometres due west of Clinton and 7 kilometres west of the Fraser River (Figure 1). The property is south of Watson Bar Creek and centred on Second Creek at 51 degrees 3 minutes north latitude and 122 degrees 3 minutes west longitude. (NTS Map 92 0/1E)

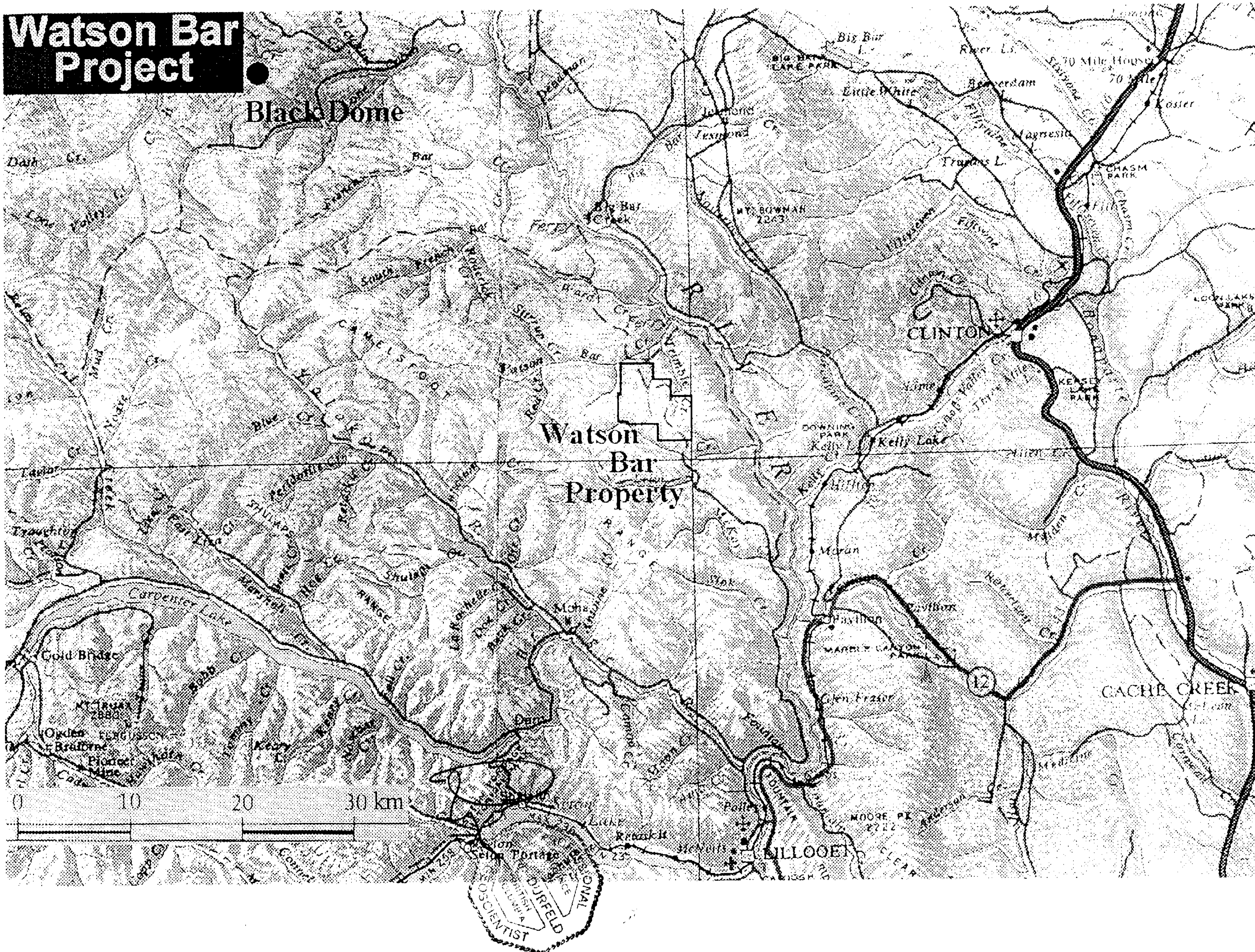
The property covers an epithermal gold target on a large structurally controlled northwesterly trending, hydrothermal alteration zone hosted by Cretaceous sediments of the Jackass Mountain Group and Eocene felsic volcanics. Locally this alteration zone hosts significant gold mineralization. Ongoing work continues to define targets within this broad alteration.

Grid work to date has consisted of 4 kilometre long lines 100 metres apart to cover a 4 kilometre section of this alteration zone. Fifteen zones of interest are identified as gold and mercury and/or arsenic in soil anomalies.

Follow-up work on Zone V, a gold-arsenic in soil anomaly, led to the discovery of the auriferous shallow dipping sheeted quartz sulphide vein structure developed on a carbonaceous shear. Diamond drilling has tested and identified this vein structure 340 metres down-dip and 140 metres on strike. A geological reserve estimate,calculated after the 1997 drilling, shows a resource of 311,121 short tons grading 0.237 oz/ton, or 73,813 ounces contained gold.

Diamond drilling in Zone I, some 700 metres southeast of Zone V has intersected similar shallow dipping, sheared quartz vein material. A geophysical interpretation, of induced polarization data, by Mr. Allan Scott interprets both zones being reflected by chargeability high anomalies with some continuity between them. The strike potential between both zones should be evaluated by ongoing exploration. Other targets should be advanced for trenching and diamond drilling.

The 1998 diamond drill program cored 2121.7 metres (6961 feet) of HQ core during the period July 17th to September 21st, 1998. The most significant results of this program are the expansion of Zone V some 250 metres to the southeast in hole 98-04. Hole 98-06 while testing zone VII, some 900 metres west-northwest of zone V encountered strong argillic alteration and silicification. A one metre interval in this hole assayed 4.24 g/T gold.


Watson Bar Project
Black Dome
Watson Bar Property
CLINTON
LILLOOET
CACHE CREEK
Kelly Lake
Pavilion
Gold Bridge
Bralorne
Carpenter Lake
Big Bar Creek
70 Mile House
0 10 20 30 km

2. Introduction

2.1 Location

The Watson Bar property, consisting of 111 contiguous mineral claim units covers some 2775 hectares (6875 acres) in the Clinton Mining Division. The property is 33 kilometres due west of Clinton and 7 kilometres west of the Fraser River (Figure 1). The property is south of Watson Bar Creek and centred on Second Creek at 51 degrees 3 minutes north latitude and 122 degrees 3 minutes west longitude. (NTS Map 92 0/1E)

2.2 Access and Physiography

The property is readily accessible from the village of Lillooet via the all-weather West Pavilion / Slok Creek logging road which at 70 kilometres bisects the property. Helicopter charters are available from either Williams Lake or Lillooet. The West Pavilion and Second Creek logging roads in conjunction with secondary cat trails provide good access to much of the property. The property is bisected by the broad and steep Watson Bar Creek Valley and the immature and narrow "V" shaped valleys of Second Creek and its tributaries. The elevation on the property varies from 400 metres in Watson Bar Creek in the central part of the property, to summits of 1,700 metres in the south.

Vegetation on the Watson Bar Property is characterized by open forests of mature fir and pine, with undergrowth of grasses that are typical of the dry climate (mean annual precipitation of less than 30 centimetres) in this area. In the lower elevations toward Watson Bar Creek the trees give way to sage brush, tumbleweed and grasses. Locally, in areas of recent forest fires, the forest cover consists of closely spaced immature fir and pine.

2.3 Ownership

The Watson Bar Property is comprised of 7 contiguous modified grid mineral claims for a total of 111 units, covering 2,775 hectares (6857 acres). The status of these claims is summarized below and the relative claim locations are plotted as Figure 2. The year of expiry reflects work that was applied for assessment credit on July 6 and September 8, 1999.

Tenure Number	Claim Name	Map Number	Work Recorded To	Mining Division	Number of Units
208238	SECOND 1	092O01E	20010919	Clinton	20
208239	SECOND 2	092O01E	20010919	Clinton	20
208243	SECOND 3	092O01E	20001016	Clinton	10
208244	SECOND 4	092O01E	20001016	Clinton	12
208290	SECOND 5	092O01E	20050629	Clinton	18

Tenure Number	Claim Name	Map Number	Work Recorded To	Mining Division	Number of Units
208304	ULCER	092O01E	20050812	Clinton	15
347862	GB 1	092O01E	20010707	Clinton	16
				Total	**111**

The claims are recorded in the name of R.M. Durfeld.

2.4 History

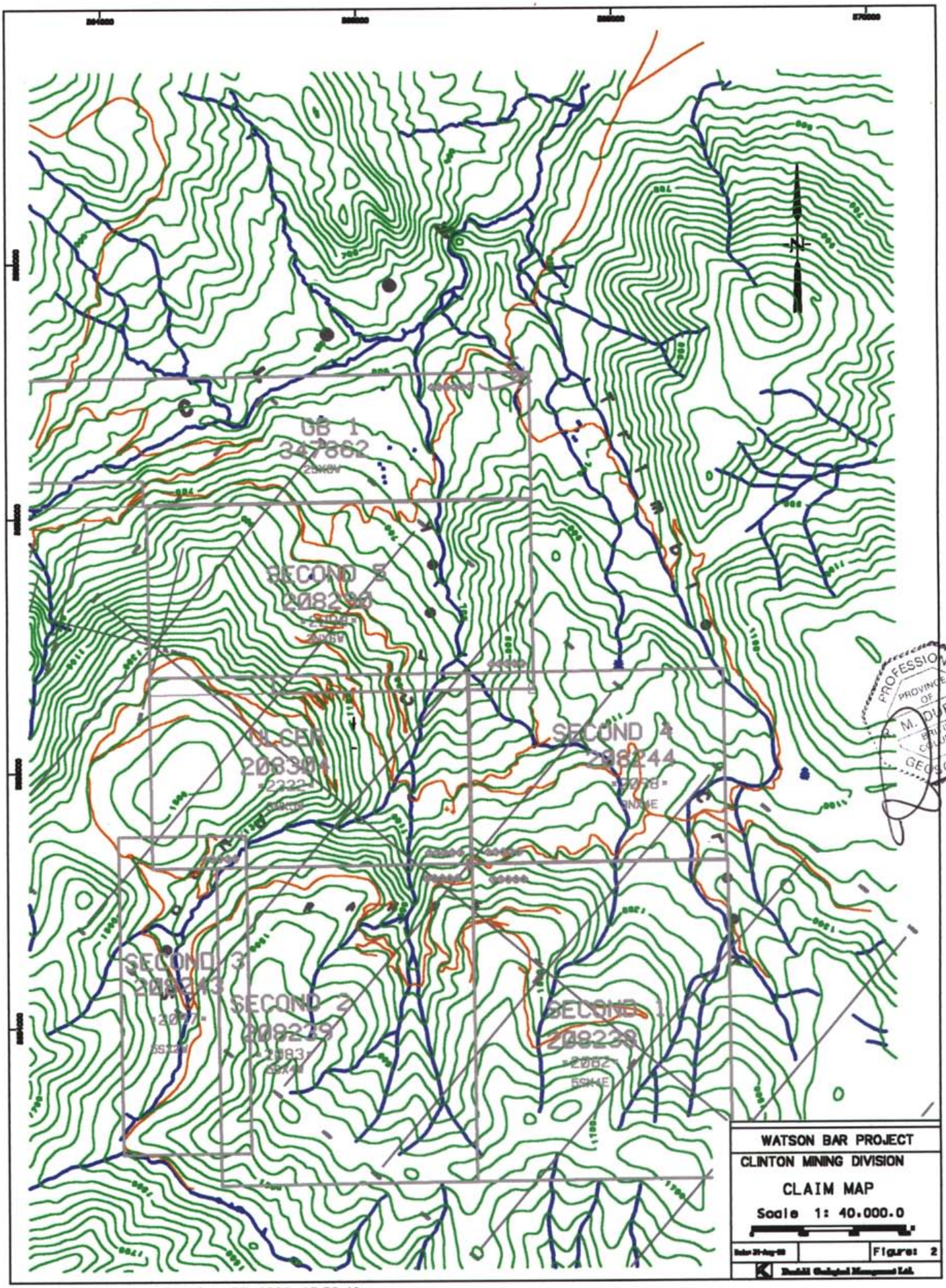
Early exploration in this area would have coincided with the Gold Rush on the Fraser River and subsequent placer mining in Watson Bar Creek just to the north of the Watson Bar Property during the period 1860 to 1900. The adit on the adjoining Mad claims and old open cuts on the Watson Bar property would have been excavated during this period. In June 1980, E and B Explorations Inc. staked much of what is now the Watson Bar Property as the Carolyn 1 to 8 claims. E and B Explorations Inc. staked the ground to acquire several large alteration zones hosted by Jackass Mountain Group sedimentary rocks.

Subsequent exploration by E and B consisted of prospecting, contour soil sampling and rock geochemistry. Dome Mines also staked claims in 1980 over what is now the southern part of the Watson Bar Property. These claims, called the Leon 1 to 5, were prospected and grid-soil sampled by Dome. Work by E and B Explorations Inc. on the Carolyn claims, identified a northwesterly trending zone of silicification, kaolinization and carbonate alteration that is coincidentally anomalous for mercury, arsenic and gold. E and B subsequently allowed the claims to lapse, and they were restaked by Durfeld-McClintock in 1986 and 1987. Cyprus optioned the property in late 1987.

During the period 1987 to 1989 Cyprus conducted soil and rock geochem, induced polarization, and trenching surveys that in conjunction with geological mapping defined targets for diamond drilling. The results of these surveys are compiled in the Report on the Watson Bar Project, February 1990. This report defined fourteen zones of interest as geochemically anomalous (gold, arsenic, mercury) in soil and rock samples in conjunction with induced polarization response. Several of these zones were subjected to trenching and diamond drilling. This trenching and diamond drilling defined significant gold mineralization in Zone V. In 1992, Cyprus relinquished their interest in the property.

On April 15th, 1996, Stirrup Creek Gold Ltd. optioned the Watson Bar property. Ongoing work by Stirrup Creek in has consisted of trenching and 1650.4 metres (5415 feet) of diamond drilling in 1996 and 2226.4 metres (7305 feet) of diamond drilling in 1997. This report documents 2121.7 metres (6961 feet) of diamond drilling and compilation conducted on the Watson Bar property during the period July 15th to September 21st, 1998.

2.5 Program Objectives



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The ongoing program objective is to confirm and further delineate the gold mineralization in Zone V by diamond drilling while evaluating additional targets.

3. Geology

3.1 Regional Geology

The Watson Bar Property area was mapped by H. W. Tipper of the Geological Survey of Canada in 1978 (92/0, Open File 534). Tipper shows the claim area to cover a northerly trending splay of the Fraser River Fault that brings rhyolite to dacitic pyroclastic rocks of Eocene-age in contact with clastic sedimentary rocks of the Lower Cretaceous Jackass Mountain Group to the southwest. More recent regional mapping by Dr. P. B. Read 1987 (B. C. Department of Mines Open File 1988-29) has shown the intermediate to mafic volcanic rocks to the northeast of the Jackass Mountain Group in the south central property area as the Lower Cretaceous Spences Bridge Group rather than the Eocene volcanics.

The Jackass Mountain Group is divisible into three distinct units (Duffell & McTaggard, 1950). These are: a lower unit comprised of up to 600 metres of non marine arkose, greywacke and lesser conglomerate and shale; a middle unit which is up to 500 metres thick and comprised of coarse conglomerate with minor beds of greywacke and argillite; and an upper unit of greywacke with thinly interbedded conglomerate and argillite that is at least 1,500 metres thick. Faulting is the dominant structural feature, with minor local folding.

Dr. Read mapped the Spence Bridge Group as a Middle Cretaceous Age section of intermediate volcanics and intercalated sediments.

The Eocene volcanic rocks are comprised of tuffs, breccia, agglomerates and flows. Most of these volcanic rocks are dacites with subordinate rhyolite. Although these rocks are not folded, near major faults they are intensely sheared.

3.2 Watson Bar Property Geology

The previous mapping of the property was expanded to incorporate new outcrops, particularly along roads. This is given at a scale of 1:10,000 as Figure 3.

Lithology

The oldest rocks on the property are a thick north- north westerly trending sequence of clastic sedimentary rocks of the Lower Cretaceous Jackass Mountain Group (Units Ss, Sd, Cng and Arg). Within the mapped portion of the claims, the Jackass Mountain rocks are predominantly medium to thick bedded arkose and greywacke. Siltstone (Ss) occurs locally as thin interbeds in the predominantly sandstone (Sd) units, while conglomerate (Cng) and argillite

(Arg) form thicker beds.

Greywacke and arkose typically consist of 1 mm grains of feldspar, with lesser amounts of lithic fragments in a matrix of feldspar, calcite, muscovite, and chlorite. Conglomerates, which were mapped near the western claim boundary and in the upper drainage of East Second Creek, are ploymictic with granite, sedimentary, and volcanic clasts to 10 cm. The clasts are matrix supported. In the property area the sediments generally show a coarsening up section from sandstone in the northeast to conglomerate in the southwest.

In the central property area a northwesterly trending splay of the Fraser River Fault brings sandstones of the Lower Cretaceous Jackass Mountain Group in contact with brown to maroon plagiphyric andesites of the Middle Cretaceous Spences Bridge Group to the northeast. The Spences Bridge Group pinches out on another splay of the Fraser River Fault to the northwest which in turn brings the Jackass Mountain Group in contact with the Eocene Age volcanics.

In the south central grid area an elliptical-shaped stock of granodiorite (Unit Gd) measuring about 700 metres by 500 metres intrudes the Jackass Mountain Group rocks. The stock has a hypidiomorphic granular core and a porphyritic border phase (Unit Fp). Geological mapping and trenching in the area of the baseline at 87+00E east and as drill core from WB 89-6 has shown what had been mapped as altered sediments to actually be a strong sericitic altered intrusive that is locally intruded by younger granodiorite dykes. Elsewhere on the claims, the sedimentary rocks are cut by dykes and sills of feldspar and/or hornblende porphyry which are compositionally similar to the border phases of the stock. The dykes and sills range in thickness from less than 1 metre to over 10 metres. Dykes are preferentially oriented between 090° and 120° with steep dips to the southwest and northeast. The dykes which are generally thicker than the sills, repeatedly splay and coalesce along strike. Sills are rarely more than 3 metres thick and maintain relatively consistent thickness along strike. In the hanging wall area of the Main Showing (Zone V) there are numerous hornblende to amphibole granite sills mapped parallel to bedding and truncated by local faulting. Both the granodiorite and feldspar porphyry are probably late Cretaceous or early Tertiary in age. A third type of intrusive are the quartz porphyry dykes (Unit QP) that occur in the eastern property area. The quartz porphyry and granite may be young phases of the granodiorite or may represent intrusions related to the younger Eocene volcanic rocks. The fine-grained, dark green andesite dykes (Unit An) and Tertiary Volcanics (Unit TV) that occur in the upper drainage area of East Second Creek are either subvolcanic equivalents of the Spence Bridge Group or the younger mafic volcanic flows.

The Eocene Age volcanics (Ev) are rhyolite to andesite tuffs, breccias, and flows that represent the youngest rocks in the property area. These volcanic rocks occur mainly northeast of the main splay of the Fraser River Fault and in the central property are to the northeast of the Spence Bridge Group, while in the northwest they are in direct contact with the Jackass Mountain Group. The Eocene volcanics underlie much of the northeastern property area.

Structure

The structure in the Watson Bar Property area is dominated by the north- northwesterly trending Fraser River and Slok Creek Faults and related subsidiary faults. In the property area the Slok Creek fault thrusts Jackass Mountain sediments over phagiphyric andesites of the Spences Bridge Group. A conjugate set of subsidiary faults and shears believed related to the Fraser River Fault splay, occur in the property area. The two prominent trends are northwesterly and northeasterly. These structures dip moderately to steeply southwesterly and northwesterly, respectively. Offsets across most faults appear to be minor. Based on abrupt changes in bedding attitudes, a major fault is postulated in the west Second Creek area. The absence of distinctive marker beds in the Jackass Group makes determination of relative movement difficult.

Throughout most of the grid area, the Jackass Mountain strata strike northwesterly to northerly with moderate westerly dips. Variations in the strike of the strata suggest the rocks are gently folded. Local folding documented by fold axes on an east to northeast trend thicken the siltstone and graphitic horizon associated with the silicification in the Main Showing (Zone V) area.

3.3 Alteration

Large regions of the grid area are hydrothermally altered. The type and intensity of alteration is variable but can be divided into five distinct types: propylitic, carbonate, phyllic/argillic, and intense silicification.

Propylitic alteration was mapped in a small area of siltstone in upper West Second Creek. Here alteration consists of chloritization, pyritization, epidote and calcite veining. Petrographic and field descriptions of diamond drill core and outcrop in the Main Showing Area showed chlorite as the matrix in several sandstone sections.

Carbonate alteration is ubiquitous throughout the central grid area. The intensity of carbonate alteration is variable ranging from calcite veining and fracture filling to pervasive replacement of the rock by calcite, dolomite and/or ankerite. Because it is so widespread, the zone of carbonate alteration is not outlined on Map 3.

Phyllic/argillic alteration consists primarily of sericitization with small areas of localized argillic alteration. This alteration type is widespread throughout the central area of the grid. Phyllic alteration as secondary sericite ranges from clouding to complete replacement of feldspar matrix and phenocrysts in all the sedimentary and intrusive lithologies. Argillic alteration consists of kaolonization and clay alteration of the feldspar in both intrusive and sedimentary rocks. Argillic alteration is not widespread being localized in areas of well fractured or sheared rock and appears to be a later alteration overprint within a more widespread zone of seritization. Carbonate as veining and flooding of matrix accompanies the phyllic/argillic alteration and is generally more intense within the phyllic/argillic zone.

Silicification consists of both fracture fillings and pervasive replacement of the rock.

Quartz veins are characteristic of open space fillings, with both Druse and banded textures. Prominent vein directions are northeast and northwest. Vein dips are variable. Both phyllic/argillic and carbonate alteration accompany the silicification. Within the intensely silicified zones, feldspars are completely transformed to assemblages of sericite or clay. Chalcedonic quartz and calcite are often interbanded in veins and quartz pseudomorphs after calcite are present. Locally, silicification and accompanying seritization are so intense as to make recognition of the host rock impossible (unit UN).

Bands and lenses of carbonaceous to graphitic material have been noted concentrated in shear zones and often associated with quartz veining. It is probable that the carbonaceous material has been altered to form graphitic horizons by the hydrothermal activity associated with the introduction of the quartz veining.

The andesitic rocks of the Spence Bridge Group and the rhyolitic Eocene volcanic section also have areas of extensive gypsum and carbonate alteration associated with quartz veining.

3.4 Mineralization

Sulphide mineralization noted in order of abundance occurs as pyrite, arsenopyrite, galena, chalcopyrite, sphalerite, stibnite and cinnabar. Pyrite typically occurs as disseminations, while the other sulphides are restricted to quartz veins and fractures. Visible gold has been noted as distinct rounded to dendritic grains and flakes in quartz-sulphide veins. Pyrite content of the sediments is typically 1-2%, but in zones of mineralization overall sulfide content increases to 10-15%. Arsenopyrite, galena, chalcopyrite and sphalerite are typically found associated with the gold bearing quartz veins.

3.5 Geological Model

The style of hydrothermal alteration, silicification, sulphide mineralization and gold in quartz veins identifies the Watson Bar property as an Epithermal - Gold prospect. The exploration programs to date have focussed on expanding the potential of the shallow dipping bonanza gold mineralized structures in Zone V. The potential is continued gold mineralization down-dip and on strike. The 1998 diamond drilling continued to do on strike stepouts in zone V while testing additional targets. Within all of these zones there is also a potential for stock work and/or disseminated gold mineralization with bulk tonnage potential.

4. Geophysics

During the period 1988 to 1989 Allan Scott Geophysics surveyed 56 line kilometres of Induced Polarization surveys on the Watson Bar property. In June of this year Mr. Scott generated colour contour plots and re-interpreted the data (Figure 7). Of particular interest is the moderate to strong chargeability structure in Zone V that is interpreted to continue 800 metres to the east and 200 metres to the west and may possibly link up with the chargeability structure in

Zone 1. As such this interpretation supports the strike continuation of Zone V and assisted in defining targets for ongoing diamond drilling.

5. Geochemistry

Geochemical soil, silt, rock and drill core sampling have been conducted on the Watson Bar property since 1987. All data have been maintained and updated in computer data bases that have been used to generate the geochemical plans and drill sections.

5.1 Sample Collection

Soil samples were taken as B-horizon soils bellow the local ash layer. Where possible deeper soil samples were also collected. Rock samples consisted of random chips from small outcrops and float, while panel samples were collected over defined widths from larger outcrops and trenches. Drill core was halved with mechanical or hydraulic splitter. All rock and core samples were placed in plastic bags and labelled with prenumbered assay tags. Half cores remaining are stored in boxes on the site.

All samples were sent to Min-En Laboratories in Vancouver for analysis. The sample preparation and analytical procedures are given in conjunction with the results as Appendix II to this report. The results for gold, silver, arsenic, copper, lead, antimony and zinc were merged with the diamond drill logs as Appendix I.

5.2 Soil Results

All soil sample results were provided in digital form from the lab and computer contoured and plotted for gold, mercury and arsenic (Figure 4, 5, 6).

In conjunction with the geology the soil results initially defined 15 zones and continues to define zones warranting follow-up. The arsenic and gold in soil anomaly as Zone V, led to the discovery of the auriferous banded quartz-sulphide (pyrite, arsenopyrite, galena, sphalerite) vein that has been the focus of extensive trenching and diamond drilling.

Gold

Geochemical results for gold (Figure 4) show gold in soil contoured at 20 and 100 ppb and the location of rock samples with greater than 100 ppb. It should be noted that much of the area to the east of 120+00 east has not been soil sampled. Most of the sites anomalous in gold occur below 1370 metres (4500 feet) in elevation. This vertical zoning may explain the well altered epithermal gold targets as zones II, III and IV as being above the gold horizon. Ongoing work has identified a mineralized source in zones I, IV, V, VII, VIII, IX and X. More detailed evaluations of the anomalous and other sites has shown gold in soil to be masked by the recent ash, local lenses of glacial drift and/or thick sections of colluvium. Detailed soil pitting has shown

surface soils to be depleted (anomalously low) in gold relative to samples taken at depth. This is demonstrated on line 93+00E from 106+00 to 107+20N, where the initial b-horizon soils were from 40 to 240 ppb gold and the deeper soils (at 1metre depth) were from 2560 to 8200 ppb gold. This anomaly was sourced by the Zone V quartz sulphide vein zone. The deeper soil pits and road sampling in other areas of the property also showed a stronger gold response that led to the discovery of auriferous quartz veins in zones VIII and IX.

Mercury

The contoured mercury (200 and 1500 ppb) (Figure 5) shows the highest values as a wedge between West and East Second Creeks. Some of the strongest mercury values occur peripheral to the central stock on East Second Creek. This area of highly anomalous mercury is over a kilometre in length and 200-300 metres across, with values from several hundred to 16,000 ppb mercury. The distribution of the mercury suggests structural controls parallel to West (east-northeast) and East (north) Second Creeks. The gold mineralization generally shows anomalous mercury values.

Arsenic

The contoured arsenic (40 and 200 ppm) (Figure 6) shows a narrower distribution that more closely reflects the gold in soil anomalies than mercury. The silicified sediments in zone IV show a strong arsenic response. The high gold in soil responses of zones V, VIII, IX, XI and XII correlate directly with highly anomalous arsenic in soil values.

5.3 Rock / Trench Results

Rock chip and trench panel sampling has been an integral part of all previus programs. Through this sampling bedrock sources for the gold, mercury and arsenic have been identified in many of the zones. Zone V was expanded by trenching on a gold - arsenic in soil anomaly. Section 105+60 north documents sampling and mapping of the main trench. This trenching has exposed a strike length in excess of 85 metres with gold assay of up to 3.48 oz/ton over 1.5 metres to 0.15 oz/ton over 2 metres. Although the vein structure is continuous over this length the thickness and assays show a variation. Much of this variation can be attributed to local folding and shearing. This high versus low grade variation in basically the same structure is also seen in the diamond drill holes. Ongoing mapping and sampling of this trench will assist in the evaluation of the mineralizing controls.

6. Diamond Drilling

This report is a compilation of diamond the 1998 diamond drilling with previous data on the Watson Bar property. During the period July 15th to September 21st , 1998, Beaupre Diamond Drilling of Princeton B.C. cored 2121.7 metres (6961 feet) of HQ core in 11 holes with

a Longyear LF-70 hydraulic diamond drill on the Watson Bar Property. The general location of the completed diamond drill holes is given on the Geology plan at a scale of 1:5,000 (Figure 3) and the more detailed holes in Zone V are also shown at a scale of 1:1000 (Figue 3-V). The geology and average gold assays are compiled for all the 1998 drill holes on the attached sections. The diamond drill logs with merged assay results are given as Appendix I. The detailed geochemical and assay results for the drilling are in Appendix II.

The location and results of the 1998 diamond drilling are summarized as Table 1.

6.1 Diamond Drill Results

Zone V

Diamond drill holes 98-01 to 98-05 represent on strike stepouts on the Zone V quartz vein structure. The sheeted quartz vein structure is hosted by a shallow dipping carbonaceous shear that is somewhat conformal to bedding. Of note is the intrusive sills that are also conformal to these bedding and shear structures. All of the 1998 diamond drilling in Zone V encountered this structure with variable quartz veining and silicification. The gold mineralization was also variable with assays from 6.7 g/T over 0.5 metres in hole 98-03 to 0.21 g/T over 0.4 metres in hole 98-05. Diamond drill hole 98-04 intersected the zone V structure 250 metres to the southeast of zone V.

Zone I

Diamond drilling in 1991 and 1997 on section 98+00 east showed shallow dipping interbanded and altered (carbonate-sericite-silicified) sediments and feldspar porphyry sills. Although the whole section was well altered and silicified the gold mineralization is confined to sheared quartz-pyrite-arsenopyrite-chalcopyrite in part carbonaceous veins. This sheared vein to vein zone is up to 10 metres thick and is somewhat conformable to the feldspar porphyry. The gold content in this vein structure varies from 0.071 oz/ton over a metre 91-11 to .017 oz/ton over 0.5 metre in 97-07 to 0.042 oz/ton over three metres and 0.07 oz/ton over 1 metre in 97-08. Of note are the high arsenic values in other silicified and quartz veined and/or altered sections showing anomalous gold values (200 to 500 ppb). This style of mineralization is similar to Zone V. As with Zone V, Zone I is located on an Induced Polarization chargeability structure. Diamond drill hole 98-11 intersected the zone I mineralized horizon 100 metres down-dip returning low gold values (.023 oz/ton over 1 metre).

Zone IV

Diamond drill hole 98-10 cored 127 metres of silicified and intense altered sediments and feldspar porphyries that returned no significant gold mineralization.

Table 1

1998 DIAMOND DRILL SUMMARY						
DDH	North	East	Elev.	Dip/Az	Depth	Notes
98-01	10492	9206	1233	-90	162.5	Fault gouge and carbonate shearing from 99.0 - 114.1 m. corresponds to upper Zone V Max. gold 1.08g/T over 1.1 m at 101.5 - 102.6.
98-02	10476	9335	1228	-90	103.3	Carbonaceous hangingwall at 55.1 - 67.6. Upper Zone V at 68.7 - 69.7 (1.8g/T) associated with 1- 5% arsenopyrite. Lower Zone V in siltstone at 98.2 - 99.2 (0.8 g/T)
98-03	10331	9352	1293	-90	252.4	Zone V mineralization at 201-205 m in sheared, graphitic quartz veins with arsenopyrite. (1.83 g/T over 4.0 m including 4.7 g/T over 1.0 m
98-04	10222	9523	1282	-90	322.2	Zone V quartz - carbonate - arsenopyrite veins at 234.5 - 237.5 showing elevated gold values (0.13 - 0.20 g/T).
98-05	10400	9100	1282	-90	237.4	Zone V is poorly defined (max. 0.21 g/T over 0.4 m)
98-06	10331	8300	1293	-90	259.1	Zone VII -Shows a wide zone of silicification within argillite and Feldspar porphyry. Quartz-graphite breccia within FP gave 4.24 g/T over 1.0 m.
98-07	10780	10745	1080	-90	83.8	Zone VIII - did not intersect lower thrust trace. May be cut off by Feldspar Porphyry
98-08	10735	10790	1100	-80/180	154.6	Zone VIII - lower thrust intersected at 120.7 - 131.1. represented by graphitic shears within sandstone. Significant quartz veining at 142.6 - 146.1. No significant Au values.
98-09	10550	11260	1290	-90	127	Anomalous gold (up to 810 ppb) and Arsenic (>10000 ppm) at 40.0 - 44.0 in clay altered conglomerate.Zone X - Conglomerate showing clay alteration and realgar mineralization (AsS) at 93.0 - 102.5 m.
98-10	9340	10950	1405	-0.2	127.1	Zone IV - test of good sulfide mineralization encountered in previou drill holes. Hole was drilled at 322° to test N-S trending mineralization and structure. Intersected a wide zone of intense clay altered and silicified sediments with disseminated sulfide mineralization. Max. Au- 80 ppb at 94.0-95.0 m.
98-11	9770	9805	1200	-60	292.3	Zone 1 - tested mineralized zone from prevoius drilling. Intersected 1) Upper argillic/siliceous alteration at 0-95.0, 134.6 - 163.7 m. 2) Lower carbonaceous zone with quartz veining, py, cp at 197.4 - 202.3 m. (Au 330 ppb max.) Carbonaceous, pyritic siltstone showed 800 ppb Au at 211.6 - 212.6 m.
	Total Metres Drilled				**2121.7**	
	Total Feet Drilled				**6961.0**	

Zone VII

Diamond drillholes 98-07 and 08 were collared up-slope of a strong gold and arsenic in soil and colluvium anomalies. The silicious, carbonaceous shear zones in 98-08 did not return significant gold assays.

Zone X

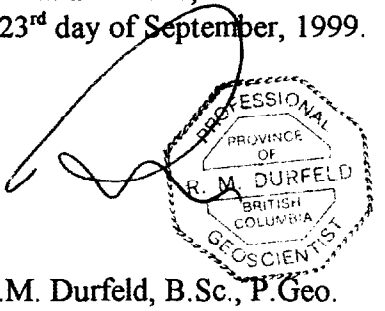
From 41 to 44 metres diamond drill hole 98-09 intersected the down-dip extension of the 1997 trench sampling. The highest gold value .023 oz/ton over 1 metre has greater than 10,000 ppm arsenic. Not all of the intervals in this mineralized intersection have been sampled. Sampling should be filled in to define the full extent of this mineralization.

7. Project Cost Summary

Diamond Drilling	Beaupre Diamond Drilling	2121.7 metres	$147,555.00
Geologist and Manager	John Casey, M.Sc, P.Geo	3 months	$30,000.00
Core Splitter	Vince Sault	3 months	$9,000.00
Assaying	Min-En Laboratories.		$15,977.77
Truck Rental			$8,100.00
Truck Fuel			$1,900.00
Camp Costs		6 persons X 68 days X $40/day	$16,320.00
Report Preparation and Drafting			$8,000.00

Total Cost of Project	**$236,852.77**

Dated at Williams Lake, British Columbia
this 23rd day of September, 1999.



R.M. Durfeld, B.Sc., P.Geo.

▸8. Statement of Qualifactions

I, Rudolf M. Durfeld, do hereby certify that:

1.) I am a geologist with offices at 1725 Signal Point Road, Williams Lake, BC.

2.) I am a graduate of the University of British Columbia, B.Sc. Geology 1972, and have practised my profession with various mining and/or exploration companies and as an independent geological consultant since graduation.

3.) I am a member of The British Columbia and Yukon Chamber of Mines and the Canadian Institute of Mining and Metallurgy.

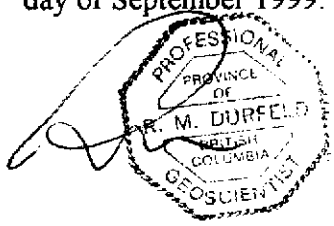
4.) That I am registered as a Professional Geoscientist by the Association of Engineers and Geoscientists of B.C. (No. 18241).

5.) That this report is based on:

a.) my supervision, direct observations and compilation of the results for the diamond drilling conducted on the Watson Bar property during the period July 15th to September 21st, 1998.

b.) my personal knowledge of the property area and a review of available government maps and assessment reports.

Dated at Williams Lake, British Columbia
this 23rd day of September 1999.



R.M. Durfeld, B.Sc., P.Geo.

▸Appendix I - Diamond Drill Logs

		Hole		Northing		Easting		Elev.				
		98-01		10492.31		9205.98		1232.87				
	Depth		Azimuth	Dip	*Gold values converted from fire assay in g/T							
	0.0		0	-89.9								
	162.5		0	-89.9								
				Au	Au	Ag	As	Cu	Pb	Sb	Zn	Geology Characteristics
From	To	Sample #	Geology	ppb*	g/T	ppm	ppm	ppm	ppm	ppm	ppm	
0.0	1.7	1	OB									0.0 - 1.7 - OVERBURDEN
1.7	17.7	1	SD/SS									1.7 - 17.7 - SANDSTONE/SILTSTONE - Grey, medium to fine grained, massive to finely banded.
												1.7 - 10.0 - Predominantly medium grained sand, no alteration. Bedding at 50 degrees.
												1.7 - 4.0 - Blocky
												5.1, 5.4 - 1cm calcite stringers at 45 degrees.
												8.2 - 15.7 - Blocky
												8.2 - Calcite stringers at 60, 75 (2 -10mm)
												10.0-17.7 - Fine grained sand with distinct silty laminations at 45 to 50 degrees. Occasional 1 - 4cm calcite stringers at 45 to 50 degrees.
												13.6 - 14.0 - Gouge
17.7	28.3	1	FP									17.7 - 28.3 - FELDSPAR PORPHYRY - Medium grained, fresh to weakly altered with white feldspar phenocryst in a grey groundmass. Phenocrysts are subhedral, equigranular (2 - 5mm) Contact is irregular, intrusive, concordant with bedding.
												17.7 - 19.5 Weak orange feldspathic alteration controlled by fracture.
												24.9 - 5cm fault gouge at 45 degrees.
												27.5 - 28.3 Weak feldspathic alteration, lower contact is chilled within 20 cm of the contact.
28.3	32.0	1	SD/SS									28.3 - 32.0 - SANDSTONE/SILTSTONE - Grey massive to laminated, unaltered.
												30.3 - 30.5 - Calcite hairline fracture, parrellel to the core.
32.0	37.8	1	FP									32.0 - 37.8 - FELDSPAR PORPHYRY - Weak, greenish epidote - chlorite alteration.
37.8	72.7	1	SD/SS									37.8 - 72.7 - SANDSTONE/SILTSTONE
												38.3 - 44.2 - Blocky.
												41.75 - Calcite veining at 70 degrees.
												42.8 - 43.5 Carbonaceous fault gouge.
												50.2 - 51.0 - Carbonaceous fault gouge.
												51.5 - 51.7 - Fault gouge.
												53.0 Bedding at 45 degrees.
												56.0 - 57.2 - Calcite stringers (1 - 5cm) parrallel to core axis.
												61.8 - 62.7 - Blocky.
												70.5 - Bedding at 60 degrees.
72.7	73.7	293851		10	0.01							73.69 - 73.7 - Fine disseminated pyrite (10 - 15%) within 1cm

												of the contact.
73.7	74.7	293852	SSgph	10	0.01		80	119	<2	5	89	73.7 - 83.7 - GRAPHITIC SILTSTONE - Sharp contact between upper laminated/massive sediments and fine grained, black carbonaceous sediment. Contact @ 70-80 degrees is offset 4 cm by calcite filled fracture @ 10 degrees. Shearing parallel to bedding @ 75 degrees.Some sandy non-carbonaceous layers within this unit. Occasional finely disseminate pyite (<5%).
74.7	75.7	293853		20	0.02							73.9-75.7m: Sheared fault gouge (shearing @ 75 degrees).
75.7	76.7	293854		10	0.01		30	53	<2	5	94	Hairline quartz stringers @ 75 degrees.
76.7	77.7	293855		10	0.01							
77.7	78.1	293856		10	0.01		20	79	6	5	84	
78.1	78.9	293857		10	0.01							
78.9	79.2	293858		20	0.02		35	79	6	5	83	79.6-81.6m: Sandy non-carbonaceous.
79.2	81.2	293859		10	0.01							77.32-77.42m: White qtz-calcite fracture fill @ 10 degrees.
81.2	81.9	293860		20	0.02		55	33	<2	5	76	82.3-83.7m: Carbonaceous fault gouge with 3 cm qtz vein
81.9	82.9	293861	qv	240	0.24							@ upper contact @ 80 degrees. Lower contact @ 35 degrees.
82.9	83.7	293862		190	0.19		555	112	30	15	125	
83.7	85.6	293863	SD/SS	10	0.01							83.7 - 129.0 - SANDSTONE/SILTSTONE - Massive to weakly laminated with thin units of sheared graphitic siltstone.
85.6	86.0	293864		30	0.03		245	40	<2	5	89	83.7-90.6m: 5% multidirectional carbonate fracture fillings.
												Hairline to 1 cm.
86.0	87.0	293865		10	0.01							
87.0	88.0	293866		10	0.01		50	31	<2	5	73	
88.0	89.0	293867		20	0.02							
89.0	91.0	293868		10	0.01		25	36	<2	5	77	
91.0	93.0	293869		10	0.01							
93.0	95.0	293870		10	0.01		25	32	<2	<5	72	
95.0	97.0	293871		10	0.01							99.0-99.3m: 20% carbonate shears and fracture filling .
97.0	98.9	293872		10	0.01		45	33	<2	<5	73	@ 60 and 30 degrees
98.9	100.1	293873		20	0.02							99.4 - 100.1 - 10% Carbonate shear and fracture fillings @
100.1	101.5	293874		10	0.01		105	45	<2	5	85	45 and 60 degrees.
												100.8m: 5 cm fracture fill.
101.5	102.6	293875	gph	1080	1.08							101.5-102.6m: Graphitic fault gouge. Shearing @ 50
												degrees.
102.6	104.6	293876		20	0.02		55	69	<2	5	97	103.6-103.75m Graphitic fault gouge.
104.6	105.1	293877		10	0.01							104.7-104.9m: Graphitic fault gouge.
105.1	106.6	293878	gph	10	0.01		50	48	<2	5	78	106-106.4m: Graphitic fault gouge. Shearing @ 45 degrees.
106.6	107.6	293879		20	0.02							
107.6	108.4	293880		30	0.03		105	62	4	5	90	107.7-108.7m: Graphitic fault gouge.
108.4	110.4	293881		10	0.01							110.1-115.1m: Blocky core.
112.7	113.7	293882		20	0.02		5	26	<2	<5	65	113.4-113.7m: Lost core.
113.7	114.7	293883		10	0.01							113.8-114.1m: Graphitic fault gouge.
114.7	115.7	293884		20	0.02		60	49	<2	5	86	119.9-123.4m: Broken, blocky core.
126.8	127.8	293885		10	0.01							124.3-127.6m: Clay alteration in SD. Weak to moderate
												increasing intensity towards bottom contact. Minor

127.8	129.0	293886		10	0.01		35	55	<2	5	82	disseminated pyrite.
129.0	130.0	293887	FP	10	0.01							129.0 - 137.3 - FELDSPAR PORPHYRY - White, zoned feldspar
												phenocrysts in a grey siliceous matrix. Biotite and hornblende
												(5-10%). Chilled lower contact @ 50 degrees.
136.3	137.3	293888		10	0.01		275	48	<2	5	62	
137.3	139.0	293889	SD/SS	10	0.01							137.3 - 162.5 - SANDSTONE/SILTSTONE -Fine to medium
												grained with occasional graphitic bands.
139.0	140.0	293890		10	0.01		20	40	<2	20	78	137.2 - 139.0 - Sheared graphitic siltstone.
140.0	140.9	293891		10	0.01							140.7-140.85m: Graphitic shearing and 50% carbonate
												veining @ 70 degrees.
140.9	141.9	293892		10	0.01		95	46	<2	10	101	
141.9	142.9	293893	gph	140	0.14							141.9-142.4m: Graphitic shearing and 25% fractured carbonate
												veining.
142.9	143.9	293894		20	0.02		55	27	2	5	59	142.4-147.8m: Weakly alt'd sandstone. Weak clay alteration
												gives the rock a soft corroded appearance.
143.9	147.8	293895	gph	10	0.01							
147.8	148.3	293896		10	0.01		35	51	<2	5	86	147.8-148.3m: Graphitic, sheared siltstone with 10%
												carbonate veining.
148.3	149.3	293897		10	0.01							
149.3	152.4	293898		10	0.01		25	51	<2	10	89	
152.4	153.7	293899		20	0.02							152.4-153.7m: Graphitic sheared siltstone with 10%
												carbonate stringers @ 65 degrees.
153.7	154.9	293900		10	0.01		15	42	<2	<5	79	
154.9	155.9	294151		10	0.01							154.9-155.6m: Sheared, graphitic siltstone @ 45 degrees.
155.9	156.9	294152		10	0.01		20	53	<2	<5	83	
												160-160.2m: Sheared, graphitic siltstone @ 50 degrees.
156.9	162.5	1	EOH									162.5 - END OF HOLE

		Hole		Northing		Easting		Elev.				
		98-02		10476.23		9334.89		1228.05				
	Depth		Azimuth	Dip	*Gold values converted from fire assay in g/T							
	0.0		180	-89.9								
	103.3		180	-89.9								
				Au	Au	Ag	As	Cu	Pb	Sb	Zn	Geology Characteristics
From	To	Sample #	Geology	ppb*	g/T	ppm	ppm	ppm	ppm	ppm	ppm	
0.0	4.0	1	OB									0.0 - 4.0 - OVERBURDEN
4.0	22.0	1	SD/SS									4.0 - 22.0 - SANDSTONE/SILTSTONE - Grey/green, unaltered fine to medium grained.
												9.8m: Bedding @ 70 degrees.
												4-15.7m: Broken, blocky core.Lower contact is irregular, intrusive conformable to bedding.
22.0	30.5	1	FP									22.0 - 30.5 - FELDSPAR PORPHYRY - Intrusive with 50-60% white subhedral feldspar grains in a grey/green groundmass. Weak iron staining controlled by fractures.
30.5	36.6	1	SD/SS									30.5 - 36.6 - SANDSTONE/SILTSTONE - Medium to fine grained as above.
36.6	39.0	1	FP									36.6 - 39.0 - FELDSPAR PORPHYRY - Buff to greenish porphyry similar in composition to unit above, but less distinctive feldspar phenocrysts. Weak Fe stain on fractures.
39.0	40.0	294154		10	0.01							39.6-41.0m: Broken, blocky.
40.0	41.0	294155		20	0.02	<0.2	10	18	<2	5	50	
41.0	42.0	294156	SD/SS	10	0.01							SANDSTONE/SILTSTONE - Fine to medium grained with weak to moderate iron stain controlled by fractures.
42.0	42.5	294157		20	0.02	<0.2	20	39	<2	5	74	41.0-45.8m: Broken, blocky and ground core.
42.5	43.5	294158	q	10	0.01							42.4-42.5m: Vuggy quartz carb vein and iron stain.
43.5	44.5	294159		10	0.01	<0.2	50	70	<2	5	92	44.2-45.9m: Gouge.
44.5	45.5	294160		10	0.01							
45.5	46.5	294161		10	0.01	<0.2	70	58	<2	<5	88	
46.5	47.5	294162		10	0.01							
47.5	48.6	294163		10	0.01	<0.2	45	78	<2	<5	99	47.8-49.5m: Moderate fe staining controlled by fractures and 10-15% carbonate filled fractures.
48.6	49.7	294164		10	0.01							
49.7	51.5	294165		10	0.01	<0.2	20	21	<2	5	59	
51.5	52.5	294166		10	0.01							51.5m: Bedding @ 45 degrees.
52.5	53.5	294167		10	0.01	<0.2	55	63	<2	5	101	
53.5	54.5	294168		20	0.02							
54.5	55.1	294169		10	0.01	<0.2	40	41	<2	5	87	
55.1	56.1	294170	SD/SSgph	20	0.02							55.1 - 67.7 - CARBONACEOUS HANGING WALL - Mixed carbonaceous siltstone and sandstone.
56.1	58.2	294171		10	0.01	<0.2	35	57	<2	5	87	55.1-55.7m: Sheared and fractured graphitic siltstone.
58.2	59.2	294172		10	0.01							56.7-58.2m: Broken, blocky core.

59.2	60.6	294173		10	0.01	<0.2	35	33	<2	5	88	
60.6	61.6	294174		10	0.01							
61.6	62.6	294175		180	0.18	0.2	340	154	24	10	214	61.6-63.3m: Fine graphitic siltstone. Sharp lower contact @ 45 degrees.
62.6	64.0	294176		10	0.01							
64.0	65.2	294177		10	0.01	<0.2	45	36	<2	<5	88	64.3-65.3m: 5% carbonate stringers @ 45 degrees.
65.2	66.2	294178		10	0.01							
66.2	67.7	294179		50	0.05	<0.2	315	40	<2	5	93	
67.7	68.7	294180	SD/SSk	570	0.57							67.7 - 76.2 - ALTERED SANDSTONE/SILTSTONE - Weak clay alteration in sandstone leaves a corroded appearance to core. 67.6-69.5m: Weak to moderate clay alteration and 25% graphite. Sheared with 10-20% quartz stringers and veins.
68.7	69.3	294181	asp	1800	1.8	2.2	>10000	55	342	10	784	68.7 - 69.3 - 1-5% disseminated arsenopyrite
69.3	70.4	294182		20	0.02							
70.4	71.8	294183		10	0.01	<0.2	240	25	<2	5	70	
71.8	72.8	294184		30	0.03							
72.8	73.4	294185		10	0.01	<0.2	80	26	<2	5	73	
73.4	74.4	294186		20	0.02							74.2m: Bedding @ 80 degrees.
74.4	75.2	294187		40	0.04	<0.2	185	18	<2	5	69	
75.2	76.2	294188		150	0.15							
76.2	77.0	294189	SD/SS	120	0.12	<0.2	45	18	<2	5	59	76.2 - 87.4 - SANDSTONE/SILTSTONE - Grey, medium grained sandstone with minor silty layers.
77.6	78.6	294190		10	0.01							78.4-78.8m: Carbonate stringers @ 20 degrees
78.6	79.7	294191	qcv	10	0.01	<0.2	35	22	<2	<5	58	and quartz veins (30%) @ 80 degrees.
79.7	80.2	294192		10	0.01							79.8-80.1m: Graphite quartz shear.
80.2	81.5	294193		10	0.01	<0.2	35	20	<2	5	64	81.4-81.5m: Graphite quartz shear with clay alteration.
												84.4-84.9m: 10% quartz carbonate stringers @ 30-70%.
87.4	88.4	294194	SD/SSun	20	0.02							87.4 - 93.2 - ALTERED SANDSTONE/SILTSTONE - Weak
88.4	89.4	294195		10	0.01	<0.2	115	56	<2	5	93	clay alteration. 10% quartz stringers (up to 2cm) and
89.4	91.1	294196		10	0.01							20% graphite. Shearing @ 30 degrees.
91.1	92.2	294197		10	0.01	<0.2	60	70	<2	5	111	
92.2	93.2	294198		10	0.01							
93.2	94.2	294199	SD	10	0.01	<0.2	35	31	<2	<5	70	93.2 - 98.2 - SANDSTONE - Unaltered, massive, medium grained with bedding @ 40 degrees.
98.2	99.2	294200	SS	80	0.08							98.2 - 103.33 - SILTSTONE - Fine-grained siltstone with 5% carbonate stringers, minor graphite.
99.2	100.2	294251		30	0.03	<0.2	35	72	<2	<5	77	98.9-103.3m: 10% quartz, sheared and weakly altered, minor graphite
100.2	101.2	294252		10	0.01							
101.2	102.2	294253		10	0.01	<0.2	25	69	<2	<5	96	
102.2	103.3	294254		10	0.01							
	103.3	1	EOH									103.3m: EOH

		Hole		Northing		Easting		Elev.				
		98-03		10331.28		9351.51		1292.78				
	Depth		Azimuth	Dip	*Gold values converted from fire assay in g/T							
	0.0		180	-89.9								
	252.4		180	-89.9								
				Au	Au	Ag	As	Cu	Pb	Sb	Zn	Geology Characteristics
From	To	Sample #	Geology	ppb*	g/T	ppm	ppm	ppm	ppm	ppm	ppm	
0.0	4.9	1	OB									0.0 - 4.9 - OVERBURDEN
4.9	7.4	1	GD									4.9 - 7.4 - GRANODIORITE - Grey-white medium grained, with subhedral to euhedral feldspar phenocrysts. 5% black hornblende. Occasional quartz stringers.
7.4	53.4	1	SD/SS									7.4 - 54.4 - SANDSTONE/SILTSTONE - Medium to fine grained, grey green with bedding @ 45 degrees.
53.4	54.4	294255		10	0.01		20	62	<2	5	94	15.2-15.5m: Granodiorite dyke. 19.2-19.6m: Quartz injection. Green clay-chlorite alteration. 19.8-23.6m: Series of fine grained granodiorite dykes intruding sediments. 24.6-28m: Ground core rubble. 28.5-30m: Granodiorite intrusive with quartz. 33-34.1m: 20% quartz stringers parallel to core axis.
54.4	55.4	294256	SD/SSfe	10	0.01							HEMATITE ALTERATION - Moderate to intense hematite stain in sandstone/siltstone.
55.4	56.4	294257		10	0.01	<0.2	65	46	6	<5	97	
56.4	57.4	294258		10	0.01							
57.4	58.4	294259		20	0.02	<0.2	70	47	6	5	96	
58.4	60.0	294260		10	0.01							
60.0	61.0	294261		10	0.01	<0.2	15	39	<2	5	88	
68.3	71.5	1	FP									68.3 - 75.0 - FELDSPAR PORPHYRY - Strong hematite alteration
71.5	72.5	294262		10	0.01							
72.5	73.5	294263		10	0.01	<0.2	30	<1	6	<5	55	
73.5	75.0	294264		10	0.01							
75.0	77.1	294265	SD/SS	10	0.01	<0.2	100	60	4	<5	98	75.0 - 88.2 - SANDSTONE/SILTSTONE
77.1	78.1	294266		10	0.01							
78.1	79.1	294267		10	0.01	<0.2	570	52	<2	10	77	
79.1	80.1	294268		20	0.02							
80.1	81.4	294269		80	0.08	<0.2	6510	79	30	85	148	
81.4	82.9	294270		10	0.01							
82.9	84.4	294271		10	0.01	<0.2	80	68	2	5	93	
84.4	86.0	294272		10	0.01							
88.2	92.2	1	SD/SSfe									88.2 - 92.2 - SANDSTONE/SILTSTONE - Weak hematite stain.
92.2	95.3	1	FP									92.2 - 95.3 - FELDSPAR PORPHYRY - Texturally variable from dark feldspar porphyritic to white quartz rich felsite.

95.3	96.3	294273	SS/SD	10	0.01	<0.2	35	44	<2	<5	90	95.3 - 130.9 - SILTSTONE/SANDSTONE - Fine grained siltstone with variable graphite content and <20% sandstone interbeds. Bedding @ 45 degrees.
96.3	97.3	294274		10	0.01							96.3-98.3m: Sheared graphitic siltstone.
97.3	98.3	294275		20	0.02	<0.2	50	118	<2	5	89	96.3-96.7m: 20-30% quartz-carbonate stringers.
98.3	99.3	294276		10	0.01							
99.3	100.3	294287		10	0.01	<0.2	85	82	<2	<5	130	
100.3	101.5	294288		10	0.01							
101.5	103.0	294289		10	0.01	<0.2	35	82	<2	5	96	
103.0	103.5	294290		10	0.01							
103.5	104.9	294291		10	0.01	<0.2	30	41	<2	<5	81	
104.9	105.8	294292		10	0.01							104.9-106m: Sheared graphitic siltstone with <5%
105.8	106.8	294293		10	0.01	<0.2	10	88	<2	<5	88	quartz-carbonate stringers.
109.6	110.6	294294		10	0.01							
110.6	111.6	294295	gph	10	0.01	<0.2	15	114	<2	5	93	109.3-110.4m: 10% quartz-carbonate stringers.
111.6	112.6	294296		10	0.01							110.6-111.2m: Weakly sheared graphitic siltstone.
												121.0 - Downsize to NQ.
												121.2-125m: Weak green alteration in sandstone beds.
130.9	147.1	1	FPsfe									130.9 - 148.1 - FELDSPAR PORPHYRY - Siliceous intrusive with sharp contacts. Equigranular, medium grained with fracture controlled hematite alteration.
147.1	148.1	294297		10	0.01	<0.2	30	15	4	<5	50	140.1 - 141.4 - Siltstone.
148.1	149.5	294298	SD/SS	10	0.01							148.1 - 252.4 - SANDSTONE/SILTSTONE - Medium to fine grained. Light grey sandy layers with fine dark to black silty layers. Bedding at 45 to 55 degrees. Hairline carbonate stringers throughout.
149.5	150.7	294299		10	0.01	<0.2	5	61	<2	<5	90	148.6 - 148.8 - Sheared, graphitic with 30% carbonate stringers.
												168.3 - 168.5 - 20% carbonate stringers at 65 degrees.
												180.2 - 193.3 - Tending to finer grained sediment with distinct bedding laminations.
192.6	193.6	294300		10	0.01							193.3 - 195.0 Graphitic siltstone with 10 to 15% carb-
193.6	194.2	293901	gph	10	0.01							onate stringers. Bedding at 45 degrees.
194.2	195.1	293902	gph	10	0.01	<0.2	35	67	<2	<5	91	
195.1	196.1	293903		10	0.01							
196.1	197.1	293904		10	0.01	<0.2	20	37	4	<5	86	
197.1	198.0	293905		10	0.01							
198.0	199.1	293906		10	0.01	<0.2	20	33	2	5	79	
199.1	200.0	294277	qcv	40	0.04	1.2	1460	168	114	5	446	199.1 - 199.2 - Sheared graphitic siltstone with 5 to 10%
200.0	200.5	294278	qcv	110	0.11							carbonate stringers.
200.5	201.0	294279	qcv	380	0.38	5.8	>10000	371	334	10	2096	199.2 - 201.0 - Sandstone with 20% quartz carbonate veins, 5% disseminated pyrite/arsenopyrite.
201.0	201.5	294280	qcvpyasp	1100	1.1							201`.0 - 201.5 - Quartz carbonate vein with 10% pyrite,
201.5	202.5	294281	pyasp	400	0.4	2.2	>10000	613	114	5	951	Tr. arsenopyrite.
202.5	203.5	294282	qcvasp	1450	1.45							201.5 - 202.5 - Fine grained black siltstone with 10%
203.5	204.0	294283		540	0.54	2.2	>10000	201	138	10	1078	quartz carbonate stringers.

204.0	204.5	294284	qcvasp	2640	2.64							201.5 - 205.0 - 30% quartz carbonate, graphite with 10%
204.5	205.0	294285		6670	6.67	21.2	>10000	227	2654	25	2677	pyrite, arsenopyrite,tr. sphalerite.
205.0	206.0	294286		70	0.07							205.0 - 205.5 - Fine black siltstone with 5% carbonate
												stringers.
												211.3 - 212.3 - 2cm quartz carbonate stringer, sub-parrallel
												to core axis.
												216.0 - 217.0 Black siltstone with 5% carbonate stringers.
												219.1 - 220.0 Black siltstone, weakly sheared.
220.3	221.3	293908		10	0.01							
221.3	221.8	293909	gphqcv	10	0.01	<0.2	25	71	<2	5	90	221.3- 221.8 - Graphitic siltstone with 20% carbonate
221.8	222.8	293910		10	0.01							quartz stringers.
222.8	223.9	293911		30	0.03	<0.2	75	44	8	10	78	223.5 - 223.6 - Graphite quartz carbonate vein.
223.9	224.9	293912	gphqcv	190	0.19							223.9 - 225.6 - Sheared graphitic quartz carbonate, 25%,
224.9	225.5	293913		40	0.04	0.2	50	40	<2	5	70	trace arsenopyrite, pyrite.
225.5	226.5	293914		20	0.02							
226.5	227.2	293915		20	0.02	<0.2	30	30	2	5	75	
227.2	227.7	293916	gphqcv	370	0.37							227.2 - 230.0 - Sheared graphitic siltstone with 10 to 15%
227.7	228.8	293917		60	0.06	0.2	65	43	2	10	77	carbonate-quartz stringers,trace pyrite, arsenopyrite.
228.8	229.8	293918		240	0.24							
229.8	230.8	293919		30	0.03	<0.2	15	37	<2	<5	69	
235.9	236.9	293920		30	0.03							
236.9	237.5	293921	gphqcv	30	0.03	<0.2	70	60	<2	5	89	236.9 - 237.5 - Sheared graphitic siltstone with 10%
237.5	238.5	293922		10	0.01							carbonate-quartz stringers.
												242.2 - 242.5 - Sheared graphitic siltstone.
244.2	245.2	293923	gph	20	0.02	<0.2	10	50	<2	<5	82	
245.2	245.8	293924		20	0.02							245.5 - 246 - Sheared graphitic siltstone, with 1cm carb-
245.8	246.5	293925		10	0.01	<0.2	5	25	<2	<5	62	onate-quartz stringer.
												252.3 - 252.4 - Sheared graphitic siltstone.
246.5	252.4	1	EOH									252.4 - End of Hole

		Hole		Northing		Easting		Elev.				
		98-04		10222.24		9522.66		1281.99				
	Depth		Azimuth	Dip	*Gold values converted from fire assay in g/T							
	0.0		180	-89.9								
	322.2		180	-89.9								
				Au	Au	Ag	As	Cu	Pb	Sb	Zn	Geology Characteristics
From	To	Sample #	Geology	ppb*	g/T	ppm	ppm	ppm	ppm	ppm	ppm	
0.0	4.3	1	OB									0.0 - 4.3 - OVERBURDEN
4.3	46.0	1	SD/SS									4.3 - 47.0 - SANDSTONE/SILTSTONE - Weathering and
46.0	47.0	294304		10	0.01							limonitic stain from 4.4 - 7.7m. Medium to fine grained
												sediment with bedding at 45 degrees. Occasional hairline
												carbonate stringers.
47.0	48.0	294305	FP	10	0.01	0.2	50	17	8	<5	77	47.0 - 66.0 - FELDSPAR PORPHYRY - coarse porphyry with
53.5	54.5	294306		10	0.01							white subhedral feldspar phenocrysts in a grey to orange
												groundmass. Weak to moderate limonitic stain throughout.
												57.7 - 57.9 - Black siltstone
65.0	66.0	294307		10	0.01	0.2	30	35	4	5	75	
66.0	67.0	294308	SD/SScv	10	0.01							66.0 - 79.0 - SANDSTONE/SILTSTONE - fine to medium
												grained, grey to black. Bedding at 50 - 60 degrees.
72.0	73.0	294309		20	0.02	0.2	25	57	10	5	56	Multidirectional carbonate stringers.
78.0	79.0	294310		10	0.01							
79.0	80.0	294311	FP	10	0.01	0.2	50	12	8	5	58	79.0 - 83.0 - FELDSPAR PORPHYRY - 50% white subhedral
												feldspar phenocrysts in a grey siliceous groundmass.
												Moderate limonitic stain throughout. Occasional quartz
82.0	83.0	294312		10	0.01							stringers (10%)
83.0	84.0	294313	SScv	10	0.01	0.2	195	41	6	5	70	83.0 - 85.7 - SILTSTONE - grey to black with 5 - 10%
												carbonate stringers.
85.7	86.0	1	HP									85.7 - 87.0 - HORNBLENDE PORPHYRY - Dark Hornblende
												phenocrysts in a buff to greenish matrix. Fine carbonate in
86.0	87.0	294314		10	0.01							matrix
87.0	88.0	294315	SD/SSfe	10	0.01	0.2	90	27	4	5	79	87.0 - 94.9 - SANDSTONE/SILTSTONE - medium grained,
												grey, massive to weakly banded sediment. Weak fracture
												controlled limonite stain.
94.9	97.0	1	SSArg									94.9 - 100.0 - ARGILLACEOUS SILTSTONE - grey to black,
												finely laminated silt bands with light grey fine grained sand.
												Occasional multidirectional quartz-carbonate stringers.
97.0	98.0	294316		10	0.01							
100.0	101.0	1	SD/SS									100.0 - 113.3 - SANDSTONE/SILTSTONE - mixture of grey,
												medium grained sandstone and black siltstone. Moderate
												fracture controlled limonite stain. Bedding at 50 degrees. 5%
												quartz veins and fracture fillings at 60 and 20 degrees.

101.0	102.0	294317		10	0.01	0.2	35	20	4	5	72	10.8 - 101.2 - 20% qtz veins and fractures at 60 & 20 degrees.
108.0	109.0	294318		40	0.04							108.3 - 109.1 - 10-20% quartz veins and fracture fillings at 50
												and 35 degrees.
110.0	111.0	294319	qvasp	60	0.06	0.2	3585	38	22	45	391	110.6-110.75 - 60% quartz veining with 5% pyrite, trace
												arsenopyrite, scorodite.
111.0	112.3	294320		10	0.01							
112.3	113.3	293926		10	0.01							
113.3	114.2	293927	FPqvasp	20	0.02	0.2	380	10	8	5	72	113.3 - 120.1 - FELDSPAR PORPHYRY - white subhedral
												feldspar phnocrysts (2 - 4mm) in a grey siliceous
												groundmass. Moderate limonite stain (fracture controlled)
												and yellow scorodite throughout. 10 - 15% carbonaceous
												quartz veining.
114.2	115.2	293928		110	0.11							Carbonaceous quartz veins - trace pyrite,
												asenopyrite @ 113.8 - 113.9, 114.1 - 114.2, 115.1 - 115.2,
												115.6 - 115.7, 119.8 - 120.0.
115.2	116.2	293929		30	0.03	0.2	1875	8	8	20	125	
116.2	117.2	293930		50	0.05							
117.2	118.2	293931		40	0.04	0.2	1845	25	8	15	383	
118.2	119.2	293932		10	0.01							
119.2	120.1	293933		470	0.47	0.6	>10000	115	114	125	1658	
120.1	121.0	293934	SD/SS	210	0.21							120.1 - 162.5 - SANDSTONE/SILTSTONE - grey to black
												medium to fine grained with bedding @ 50 degrees.
121.0	123.0	294321		10		0.2	205	29	2	5	68	122.6 - 122.65 sheared, graphitic 40% quartz - carbonate.
127.0	128.0	294322		20								
132.0	134.0	294323		10		0.2	30	35	6	5	70	
136.0	138.0	294324		10								
142.0	144.0	294325				0.2	110	38	12	5	84	143.8 - 144.8 Graphitic siltstone with 5% pyrite.
144.0	145.0	294326		10	0.01							144.8 - 144.9 Sheared graphitic quartz - carbonate @ 65 deg
145.0	147.0	294327		10	0.01	0.2	85	47	10	5	92	
152.0	153.8	294328		10	0.01							
153.8	155.8	294329		10	0.01	0.2	5515	48	20	75	89	153.8 - 153.85 Sheared quartz - carbonate, pyrite.
												153.85 - 157.3 Graphitic siltstone.
155.8	157.8	294330		10	0.01							
157.8	159.8	294331		10	0.01	0.2	875	35	14	20	85	
159.8	161.8	294332		10	0.01							
162.5	163.5	1	FPh									162.5 - 167.7 - FELDSPAR PORPHYRY - fresh, unaltered,
												with white subhedral feldspar phenocrysts (2 - 5mm) in a
												grey feldspathic matrix. Evenly disseminated black
												hornblende(?) grains (0.5 - 1mm) - 1% Sharp irregular
166.0	167.7	294333	SS	10	0.01	0.2	160	9	10	5	50	contact subparallel to bedding.
167.7	168.7	294334	SS	20	0.02							167.7 - 176.8 - SILTSTONE - variable composition from dark
												graphitic to light
												167.7 - 168.2 Sheared sandstone.

												168.2 - 168.8 Hornblende Porphyry - light green matrix
												with black mafic phenocrysts.
168.7	170.7	294335	HP	10	0.01	0.2	115	49	10	5	73	170.6 - 171.4 - Hornblende Porphyry - with black angular
												clasts in a fine light green matrix. Top of unit shows
												offset subparallel to core axis.
171.4	171.9	1	SS									
171.9	172.9	293935		30	0.03	0.2	220	41	4	10	88	
172.9	173.3	293936		20	0.02							172.8 - 173.3 - Sheared siltstone with 50 - 70 quartz, minor
												calcite. Shearing @ 50 degrees.
173.3	174.3	293937		20	0.02	0.2	130	42	8	10	99	
176.8	177.8	1	QFP									176.8 - 184.7 - QUARTZ-FELDSPAR PORPHYRY - Feldspar
												and quartz phenocrysts in a grey siliceous matrix. Minor
												hornblende (?) grains. Irregular intrusive contacts.
179.0	180.0	294336		10	0.01							
181.0	182.0	294337		10	0.01	0.2	50	2	8	5	38	
184.7	185.0	1	SD/SS									184.7 - 223.7 - SANDSTONE/SILTSTONE - Variable grain
												size from coarse sand to finely laminated sand/silt to fine
185.0	187.0	294338		10	0.01							black silt.
187.8	188.5	1	FP									187.8 - 188.5 Feldspar Phorphyry.
188.5	190.0	1	SD/SS									
190.0	191.0	294339	FP	10	0.01	0.2	2275	52	10	75	81	189.2 - 194.8 Coarse angular porphyry.
191.0	193.0	294340		10	0.01							
193.0	195.0	294341		10	0.01	0.2	535	46	12	15	75	
195.0	197.0	294342	SD/SS	10	0.01							196.2 - 197.2 -Black sheared siltstone with 10% quartz - carbonat
200.0	202.0	294343		10	0.01	0.2	110	48	10	5	76	
210.0	212.0	294344		10	0.01							209.2 - 211.8 - Finely banded sandstone and siltstone.
												Bedding @ 45 degrees.
214.0	216.0	294345		10	0.01	0.2	115	28	10	5	61	
216.0	218.0	294346		10	0.01							
218.0	220.0	294347		10	0.01	0.2	45	73	12	5	89	
220.0	222.0	294348		10	0.01							
222.7	223.7	293938										
223.7	224.9	293939	SSgphqv		0.01	0.2	230	58	8	5	81	223.7 - 229.8 - SILTSTONE - sheared graphitic with quartz
												carbonate stringers, trace - 5% pyrite .
224.9	225.7	293940		10	0.01							223.7 - 226.9 sheared graphitic siltstone with 10% quartz-
												carbonate stringers trace 5% pyrite trace asenopyrite.
225.7	226.9	293941		10	0.01	0.2	60	60	14	5	76	
226.9	227.9	293942		10	0.01							
227.9	228.6	293943		10	0.01	0.2	55	65	2	5	86	227.6 - 227.9 sheared graphitic siltstone with 15% quartz -
												carbonate stringers .

228.6	229.8	293944		10	0.01							228.5 - 228.6 Weakly sheared graphitic siltstone with 5% quartz - carbonate stringers. Locally 15 - 20% disseminated pyrite. (229.6 - 229.8). 229.6 - 229.8 Sheared graphitic siltstone with 5% disseminated pyrite.
229.8	230.8	293945	SD/SSgph	10	0.01	0.2	55	40	8	5	67	229.8 - 322.15 - SANDSTONE/SILTSTONE - mixed light grey sand and black graphitic siltstone.
230.8	231.8	293946		10	0.01							229.8 - 231.8 - 1 - 5% pyrite in sandstone .
231.8	233.0	293947	gphqv	400	0.4	0.8	4540	73	80	5	148	Sheared graphitic sandstone/siltstone with weak clay alteration. 10 - 15% quartz - carbonate stringers.
233.0	234.5	293956		10	0.01							
234.5	235.0	293957	gphqcvasp	140	0.14	5.8	5045	319	524	5	938	234.5 - 236. Sheared, graphitic with 10% quartz - carbonate stringers, finely disseminated pyrite. 10 - 15% arsenopyrite.
235.0	236.0	293958		130	0.13							
236.0	237.0	293959		140	0.14	0.2	2835	82	34	5	112	
237.0	237.5	293960		140	0.14							
237.5	238.0	293961		200	0.2	5	7665	235	590	5	549	* 237.5 - 238.0 Sheared graphitic with 30% quartz vein.
238.0	239.0	293962		40	0.04							238.9-239.0 - 10-15% arsenopyrite
239.0	239.8	293963		20	0.02	0.2	1215	44	2	5	75	
239.8	240.8	293948		30	0.03							
240.8	241.3	293949		810	0.81	0.2	>10000	18	16	5	35	240.9 - 242.3 - Sheared graphitic quartz veins with minor carbonate.
241.3	242.2	293950		280	0.28							241.3-242.2 - Trace disseminated pyrite, asenopyrite.
242.2	243.3	293951		60	0.06	0.2	440	71	8	5	86	Quartz veining is subparallel to core axis.
243.3	244.3	293952		10	0.01							243.3-244.3 - sheared quartz-carbonate stringers
244.3	245.1	293953		10	0.01	0.2	35	49	4	5	73	244.3 - 244.9 Graphitic with 10% quartz carbonate veins.
245.1	246.1	293954		10	0.01							
246.1	248.1	293955		40	0.04	0.2	20	30	4	5	63	246.3 - 246.45 Quartz veining.
248.1	250.1	293964		10	0.01							248.6 - 252.1 Weak shearing with thin graphitic sheares in grey sandstone . Multidirectional quartz fractures.
250.1	252.1	293965		10	0.01	0.2	20	26	2	5	61	
252.1	254.1	293966	SSgph	10	0.01							253.5 - 258.2 - Predominantly black graphite siltstone with
254.1	255.1	293967		10	0.01	0.2	55	50	6	5	81	10 - 15 sheared quartz carbonate stringers. Shearing @
255.1	256.3	293968		10	0.01							30 degrees.
256.3	257.8	293969		10	0.01	0.2	30	60	2	5	80	
257.8	258.3	293970		10	0.01							
258.3	260.3	293971		10	0.01	0.2	5	29	2	5	82	258.2 - 275.9 Grey medium grained sandstone with minor
260.3	261.8	293972		10	0.01							silty component. Bedding @ 50 degrees.
261.8	263.0	293973		10	0.01	0.2	5	59	2	5	87	
263.0	265.0	293974		10	0.01							
267.0	269.0	293975		10	0.01	0.2	5	18	2	5	74	
271.0	273.0	293976		10	0.01							
273.0	275.0	293977		10	0.01	0.2	10	37	2	5	83	
275.0	277.0	293978		10	0.01							275.9 - 277.9 Sheared, graphite with minor quartz stringers.
277.0	278.0	293979		10	0.01	0.2	35	51	6	10	88	
278.0	279.0	293980		10	0.01							

279.0	281.0	293981		10	0.01	0.2	25	57	2	5	81	279.7 - 281.6 Weakly sheared, graphite with 10% carbonate stringers.
281.0	283.0	293982		40	0.04							
283.0	285.0	293983		30	0.03	0.2	30	46	2	5	71	
287.0	289.0	293984		10	0.01							287.8 - 291.1 Weakly graphitic siltstone.
291.0	293.0	293985		10	0.01	0.2	10	26	10	5	92	292.0 - 292.7 10 - 15% carbonate fracture in grey sandstone.
293.0	294.0	293986		10	0.01							293.3 - 297.7 Weakly sheared sandstone with 10 - 15%
294.0	295.0	293987		10	0.01	0.2	25	38	2	5	147	carbonate stringers. Shearing @ 10 - 30 degrees .
295.0	296.0	293988		10	0.01							
296.0	297.0	293989		10	0.01	0.2	35	21	2	5	79	
297.0	298.0	293990		10	0.01							297.7 - 299.4 Moderate shearing, moderately graphite
298.0	299.0	293991		20	0.02	0.2	100	307	2	5	80	shearing @ 0 - 10 degrees, 5% carbonate stringers.
299.0	300.0	293992		20	0.02							
300.0	301.0	293993		10	0.01	0.2	60	57	2	5	99	300.1 - 301.6 Moderate shearing parallel to core 5% carbonate stringers.
301.0	302.0	293994		10	0.01							301.6 - 303.6 Strongly graphite.
302.0	302.5	293995		20	0.02	0.2	55	356	8	10	53	
302.5	303.5	293996		10	0.01							
303.5	305.5	293997	SD	10	0.01	0.2	5	35	2	5	74	303.6 - 311.9 - Sandstone massive weakly bedding @ 45
305.5	307.5	293998		10	0.01							degrees.
307.5	309.5	293999		10	0.01	0.2	5	37	2	5	79	
311.5	313.5	294000	CNG	10	0.01							3.11 - 314.0 Coarse sand and conglomerate.
315.5	317.5	294301	SD/SS	10	0.01	0.2	5	32	2	5	73	
319.5	320.5	294302		10	0.01							
320.5	322.2	294303		10	0.01	0.2	10	68	2	5	106	Graphitic siltstone with bedding running parallel to core axis. Minor carbonate veining @ contact.
	322.2	1	EOH									322.2m END OF HOLE (1057 feet)

		Hole		Northing		Easting		Elev.				
		98-05		10405.09		9098.83		1262.21				
	Depth		Azimuth	Dip	*Gold values converted from fire assay in g/T							
	0.0		180	-89.9								
	237.4		180	-89.9								
				Au	Au	Ag	As	Cu	Pb	Sb	Zn	Geology Characteristics
From	To	Sample #	Geology	ppb*	g/T	ppm	ppm	ppm	ppm	ppm	ppm	
0.0	0.7	1	OB									0.0 - 0.7 - OVERBURDEN.
0.7	5.2	1	SD/SSgph									0.7 - 11.0 - SANDSTONE/SILTSTONE - medium to fine grained massive sediment. Weakly bedded at 45 degrees.
												0.7 - 5.2 - Fine black siltstone.
5.2	11.0	1	SD/SS									5.2 - 11.0 - Grey, medium grained sandstone
11.0	13.4	1	FP									11.0 - 13.4 - FELDSPAR PORPHYRY - Weathered coarse siliceous porphyry with 2 - 5mm white feldspar phenocrysts (70%), 10% white carbonate stringers.
13.4	14.5	1										13.4 - 14.5 - FAULT - missing core.
14.5	25.5	1	SS/SD									14.5 - 26.0 - SILTSTONE/SANDSTONE - blocky fractured core. Predominantly fine grained dark grey.
												14.5 - 16.2 Siltstone
												16.2 - 25.5 Siltstone and sandstone.
25.5	26.0	1	gph									25.5 - 26.0 Graphitic siltstone.
26.0	34.0	1	FP									26.0 - 34.0 - FELDSPAR PORPHYRY - 10 - 15% white feldspar phenocrysts (up to 5mm) in a dark grey siliceous groundmass. Tracedisseminated pyrite. Irregular lower contact at 60 degrees.
34.0	53.2	1	SD/SS									34.0 - 67.6 - SANDSTONE/SILTSTONE - variable grain size.
53.2	54.2	294349		0.01								Massive to weakly banded.
54.2	54.7	294350		0.02		<0.2	10	59	<2	5	73	34.0 - 36.3 Black siltstone.
54.7	55.7	294351		0.01								54.3 - 54.5 - Weakly sheared quartz carbonate vein (2 cm) and medium grained sandstone.
												61.0 - 69.1 Massive grey medium grained sandstone.
												Large silty clast at lower contact.
67.6	68.6	1	SSGph									67.6 - 76.2 - GRAPHITIC SILTSTONE - weakly to moderately
68.6	69.6	294352		0.01		<0.2	5	56	<2	<5	65	sheared with 10 to 25 % quartz carbonate stringers thoughout.
69.6	70.3	294353		0.01								69.6 - 70.3 Sheared graphitic.
70.3	71.2	294354		0.01		<0.2	5	29	<2	<5	47	71.4 - 71.7 Sheared graphitic.
71.2	72.2	294355	qc	0.02								71.7 - 73.3 Intense quartz carbonate stringers (30%).
72.2	73.2	294356		0.01		<0.2	15	37	<2	<5	47	73.3 - 76.2 Graphitic with 20% quartz carbonate stringers.
73.2	74.2	294357	qcgph	0.01								
74.2	75.2	294358		0.01		<0.2	15	62	<2	<5	57	
75.2	76.2	294359		0.02								
76.2	77.2	294360	SD/SS									76.2 - 111.4 - SANDSTONE/SILTSTONE - massive to weakly

												banded.
				0.01		<0.2	10	38	<2	<5	59	81.6 - 82.6 Weakly graphitic siltstone.
109.0	110.0	294361		0.02								83.4 - 83.5 Black graphitic with 20% quartz veining.
110.0	111.4	294362		0.01		<0.2	50	36	<2	5	65	84.7 - 85.0 Black core.
												85.0 - 85.6 - 10% carbonate stringers.
												87.5 - 89.3 Black weakly sheared graphitic siltstone
												89.2 Bedding at 45 degrees.
												94.4 - 94.6 Sheared graphitic siltstone, 15% quartz
												carbonate stringers.
												95.2 - 97.4 Broken blocky core.
												100.8 - 113.0 Broken blocky core.
												105.5 - 106.0 Brecciated with 15% carbonate stringers
												and matrix.
												110 - 111.4 Carbonate stringers and fracture fullings.
111.4	113.6	294363	QFP	0.01								111.4 - 133.5 - QUARTZ-FELDSPAR PORPHYRY - medium
												grained intrusive with clear quartz grains (2-4mm) in a grey
												feldspathic matrix. Minor hornblende. Trace disseminated
												pyrite and stringers.
												111.4 - 113.6 Altered porphyry, moderate to intense
												clay alteration.
113.6	114.2	294364		0.02		<0.2	40	56	<2	<5	67	113.6 - 114.2 Black siltstone with minor carbonate stringers.
114.2	116.2	294365		0.02								114.2 - 115.6 Weak clay alteration in porphyry.
120.7	122.7	294366		0.01		<0.2	10	5	4	<5	40	
126.8	127.8	294367		0.01								
127.8	128.4	294368		0.01		<0.2	65	101	<2	5	97	127.8 -128.4 Sheared graphitic siltstone with carbonate
												stringers.
128.4	128.9	294369		0.03								128.4 - 128.9 Sheared graphitic carbonate breccia.
128.9	129.8	294370	FP	0.02		<0.2	15	28	2	<5	38	128.9 - 129.8 Feldspar porphyry.
												128.9 - 131.* Weakly sheared graphitic siltstone with
129.8	132.5	1	SS									10% carbonate stringers.
132.5	133.5	294371		0.01								
133.5	141.0	1	SS									133.5 - 141.0 - SILTSTONE - Black, finely banded with
												bedding at 50 degrees.
133.5	134.3	294372		0.01		<0.2	70	64	<2	5	83	140.7 - 2cm calcite stringer.
134.3	135.5	294373		0.01								
135.5	136.5	294374		0.01		<0.2	105	79	<2	5	82	
136.5	137.5	294375		0.01								
141.0	144.1	1	CNG									141.0 - 144.1 - CONGLOMERATE - Mixture of coarse sand
												and conglomerate.
144.1	145.2	294376	SS									144.1 - 150.7 - SILTSTONE - Fine grained black massive to
				0.01		<0.2	20	115	<2	<5	83	weakly banded with 25% sandy bands.
145.2	145.6	294377	gph	0.01								145.15 - 145.6 Sheared, graphitic with minor carbonate
146.0	147.0	294378		0.01		<0.2	15	36	<2	10	88	stringers.
150.7	151.7	1	SD									150.7 - 182.1 - SANDSTONE - Grey medium to fine grained,
151.7	152.7	294379		0.01								massive to weakly banded.

152.7	153.2	294380		0.01		<0.2	10	38	<2	5	70	152.7 - 153.2 - Sheared graphitic with 10 - 15%
153.2	154.2	294381		0.01								carbonate stringers.
177.2	178.2	294382		0.02		<0.2	65	52	<2	5	78	156.8 - 158.2 Weakly sheared, graphitic with 10%
178.2	178.6	294383		0.21								carbonate stringers.
178.6	179.5	294384		0.03		<0.2	70	14	2	<5	49	177.8 - 178.4 - Finely banded siltstone. Bedding at 60°
179.5	181.1	294385		0.01								178.4 - 178.9 - Sheared fault gouge.
181.1	182.1	294386		0.01		<0.2	10	37	<2	<5	62	178.6 - 179.5 - Feldspar porphyry.
												178.5 - 182.1 - Sandstone.
182.1	183.1	294387	SSGph									182.1 - 186.1 - GRAPHITIC SILTSTONE - Black,fine grained
				0.01								massive to weakly bedded. Bedding at 50 degrees.
183.1	184.1	294388		0.02		<0.2	20	71	<2	5	96	185.5 - 186.0 - Sheared graphitic with 20% carbonate
184.1	185.1	294389		0.01								stringers.
185.1	186.1	294390		0.01		<0.2	25	68	<2	5	95	183.5 - 183.6 - Calcite fracture filling.
186.1	189.9	1	SD									186.1 - 190.1 - SANDSTONE - Grey, medium grained with
186.1	187.1	294391		0.01								10% multi-directional calcite stringers (fracture filling).
187.1	188.1	294392		0.01		<0.2	10	37	<2	<5	66	188.2 - 189.9 - Sheared graphitic siltstone with 10%
188.1	189.1	294393		0.01								carbonate stringers. Shearing at 30 degrees.
189.1	190.1	294394		0.12		<0.2	375	76	6	10	77	(185.6 - 190.9 - Calcite vein, fracture fill zone. Total
												10% calcite veining).
190.1	190.7	294395	SD/SS									190.1 - 195.3 - SANDSTONE/SILTSTONE - Massive
				0.11								sandstone to moderately sheared graphitic siltstone.
190.7	191.7	294396		0.01		<0.2	5	44	<2	5	81	194.2 - 195.3 - Highly sheared, graphitic with
190.7	193.1	294397		0.01								30 - 40% calcite.
193.1	194.1	294398		0.02		<0.2	<5	24	<2	5	72	
194.1	195.3	294399		0.01								
195.3	196.6	294400	SD									195.3 - 217.5 - SANDSTONE - Medium to fine grained with
				0.01		<0.2	5	27	<2	5	74	minor siltstone layers.
												199.0 - 199.4 - Black siltstone.
												200.6 - 201.6 - Black siltstone.
208.0	209.0	251501		0.01								208.7 - 209.7 - Sheared graphitic siltstone with
209.0	210.0	251502	cv	0.01		<0.2	<5	44	<2	5	90	10 - 20% Calcite stringers.
210.0	211.0	251503		0.01								
216.0	217.0	251504		0.02		<0.2	<5	59	<2	5	87	216.1 - 217.5 : 10 - 15% calcite stringers. Strongly
217.0	217.5	251505		0.01								sheared within .4m of contact.
217.5	218.5	251506	FP	0.01		<0.2	<5	43	<2	5	56	217.5 - 228.4 - FELDSPAR PORPHYRY - Fresh porphyry
												with 2 - 5mm feldspar phenocrysts in a grey siliceous matrix.
												Occasional calcite stringers. Minor hornblende crystals
												(2 -3mm) in groundmass. Sharp lower contact at 30 degrees.
228.4	229.3	251507	SD	0.01								228.4 - 237.4 - SANDSTONE - Fine to medium grained, grey
												with weak to moderate bedding laminations at 45 degrees.
												Occasional calcite stringers and fracture fillings.
229.3	230.3	251508		0.01		<0.2	10	55	<2	5	79	228.4 - 229.9 - Graphitic siltstone with minor pyrite as
												hairline stringers and disseminated.
230.3	231.3	251508		0.01		<0.2	10	55	<2	5	79	

231.3	232.3	251509		0.01								232.0 - 232.1 Calcite fracture filling.				
												232.2 - 232.3 Calcite fracture filling.				
232.3	233.3	251510		0.01												
233.3	237.4	1	EOH									End of Hole				

		Hole		Northing		Easting		Elev.				
		98-06		10188		8330		1326				
	Depth		Azimuth	Dip	*Gold values converted from fire assay in g/T							
	0.0		180	-89.9								
	259.1		180	-89.9								
				Au	Au	Ag	As	Cu	Pb	Sb	Zn	Geology Characteristics
From	To	Sample #	Geology	ppb	g/T	ppm	ppm	ppm	ppm	ppm	ppm	
0.0	3.4	1	OB									0-3.4 - OVERBURDEN
3.4	4.5	251513	ARGfe	20								3.4-8.5 - ARGILLITE - Massive, white, fine grained, with
4.5	5.5	251514		20		<0.2	85	71	4	25	57	intense limonitic stain. Weak bedding at 55°.
5.5	6.5	251515		20								
6.5	7.5	251516		30		<0.2	65	8	6	5	48	
7.5	8.5	251517		80								
8.5	9.5	251518	SD	20		<0.2	270	159	2	5	99	8.5 - 23.0 - SANDSTONE - Grey green medium grained
9.5	10.8	251519		80								massive sediment, limonitic on fractures.
10.8	12.0	251520		10		<0.2	210	86	2	5	104	8.5 -8.8 - Sheared with dark green chlorite. Shearing at
12.0	12.8	251521		10								45°.
12.8	13.3	251522		20		<0.2	90	44	2	5	73	8.8 - 13.1 - Moderate limonite stain.
												10.6 - 11.6 - Broken, rubbly core.
13.3	14.3	251523	qcv	10								13.1 - 14.3 - Carbonate-quartz vein 30/70 c/q
14.3	15.3	251524		10		<0.2	50	31	2	5	55	14.6 - 16.0 - Intense limonitic stain. 10 to 20% carbonate
15.3	17.5	251525		10								veins.
17.5	18.5	251526		20		<0.2	5	65	2	5	87	
												20.6 - 21.0 - Carbonate vein in agillite.
23.0	37.2	1	SSc									23.0 - 105.2 - SILTSTONE - Grey, fine grained, massive
												sediment with very weak bedding. Weak clay carbonate
												alteration.
37.2	38.2	251527		10								32 - 45.0 - Highly fractured core.Texture is that of shattered
38.2	39.2	251528		10			5	37	2	5	81	breccia with moderate clay alteration and carbonate impreg-
39.2	40.2	251529		10								nation.
40.2	41.2	251530		10			10	38	2	5	90	
41.2	42.2	251531		10								
42.2	43.2	251532		10			10	72	2	5	90	
43.2	44.2	251533		10								
44.2	45.2	251534		10			50	70	2	5	100	
45.2	46.2	251535		20								45.8 - 48.8 - Moderate clay/carbonate alteration.
46.2	47.2	251536		20			35	70	2	5	91	
47.2	48.8	251537		10								
48.8	49.9	251538	gphc	20			210	87	2	10	71	48.8 - 49.8 - Black graphitic siltstone. Upper contact at
												30°.
49.9	52.0	251539		10								49.9 - 52.0 - Moderate fracturing/brecciation,
												clay/carbonate alteration.
52.0	52.5	251540		10			15	47	2	5	33	52.0 - 52.4 - White siliceous quartz vein, minor carbonate,
52.5	53.5	251541		20								tr.pyrite.
53.5	54.5	251542		10			20	93	2	5	92	52.4 - 57.6 - Highly shattered, brecciated clay/carbonate
54.5	55.5	251543		10								alteration.
55.5	56.5	251544		10			5	80	2	5	95	

56.5	57.5	251545		10							
57.5	58.5	251546		20		5	86	2	5	101	57.6 - 60.6 - Moderate shattering, brecciation.
58.5	59.5	251547		10							
59.5	60.5	251548		10		45	60	2	5	97	
60.5	61.5	251549		10							60.6 - 69.0 - Highly shattered, brecciated with increased
61.5	62.5	251550		10		5	66	2	5	85	carbonate alteration as irregular fracture and breccia filling
62.5	64.0	251551		10							(10 - 15%).
64.0	65.0	251552		10		10	112	2	5	86	
65.0	66.0	251553		10							
66.0	67.0	251554		10		5	104	2	5	94	
67.0	68.2	251555		10							
68.2	69.2	251556		10		5	175	2	5	79	67.9 - 70.2 - 30 to 40% carbonate fracture fill.
69.2	70.2	251557		10							
											84.8 - 90.5 - Broken, blocky core.
											84.1 - 84.5 - Graphitic shears at 30°.
											86.0 - 86.5 - Dark grey siltstone.
											87.7 - 88.7 - 10% irregular carbonate fracture fill.
92.6	93.6	251558		10		5	95	2	5	85	92.6 - 93.0 - Dark grey siltstone.
93.6	94.6	251559		10							93.6 - 93.7 - 40% carbonate stringers.
94.6	96.0	251560		10		5	122	2	5	75	94.5 - 95.9 - 10% carbonate stringers and fracture fill.
96.0	97.0	251561		10							
97.0	98.0	251562		10		5	68	2	5	90	
98.0	99.0	251563		10							98.7 - 103.3 - 10% carbonate stringers and fracture fill at
99.0	100.0	251564		10		5	62	2	5	93	45°.
100.0	101.0	251565		10							
101.0	102.0	251566		10		5	65	2	5	100	
102.0	103.0	251567		20							
103.0	104.5	251568		20		10	68	2	5	84	103.6 - 104.2 - Brecciated and fractured.
104.5	105.2	251569		10							
105.2	106.2	251570	SDcv								105.2 - 118.2 - SANDSTONE - Medium to coarse grained
106.2	107.2	251571		10							sediment with weak bedding. Minor carbonate in matrix
107.2	108.2	251572		10		5	62	6	5	89	Occasional carbonate hairline fracture fills.
											109.5 - 109.6 - Carbonate vein at 30°.
											114.2 - 114.8 Broken fractured core, weakly graphitic.
											116.5 - 116.6 - 50% carbonate fracture fillings.
											117.0 - 117.1 - Carbonate vein at 45 degrees.
118.2	141.3	1	SSgph								118.2-142.3 - SILTSTONE - Fine grained, grey, massive
											transitional to sandstone. Wery weak bedding at 30°.
											118.5 - 119.4 - Broken, blocky core.
											119.6 - 120.3 - Graphitic gouge.
141.3	142.3	251573		10							142.0 - 142.3 - Graphitic with 10% carbonate fracture fills
											at 30°.
142.3	143.4	251574	FPH	30		<0.2	225	18	6	5	69 142.3-145.2 - FELDSPAR PORPHYRY - Intrusive dyke with
143.4	144.2	251575		10							feldspar and hornblende phenocrysts in a fine grained
											groundmass.
144.2	145.2	251576		10		<0.2	30	87	4	5	76 142.3 - 144.4 - White feldspar porphyry with fine buff
											ground-mass.

												144.4 - 145.2 - Brown hornblende and feldspar phenocrysts in a dark aphanitic matrix.
												151.85 - pyrite stringer
145.2	145.7	251577	SD/SSgph	20								145.2 - 157.5 - SANDSTONE/SILTSTONE - Medium to fine grained massive sediment with minor graphitic zones and carbonate fracture fills. Increasing argillaceous component
145.7	146.7	251578		20		<0.2	30	79	2	5	89	toward the bottom of the unit.
146.7	147.7	251579		10								145.7 - 145.8 - Graphitic zone at 45 degrees.
147.7	148.7	251580		20		<0.2	435	67	10	5	76	147.7 - 148.3 - Quartz-carbonate graphite shear.
148.7	149.7	251581		10								
149.7	151.0	251582		20		<0.2	165	79	8	5	94	
151.0	152.3	251583	s	10								151.0 - 152.3 - White silica flooded feldspar porphyry. Contacts at 40 degrees.
157.5	158.8	1	FPHc									157.5 - 159.8 - FELDSPAR PORPHYRY -Brown intrusive with cream feldspar and hornblende phenocrysts in a dark brown groundmass, 5 to 10% calcite stringers and fracture fill.
158.8	159.8	251585		10								
159.8	160.7	251586	SDgph	10		<0.2	45	127	8	5	74	159.8 - 161.5 - SANDSTONE - Fine grained sediment with strong fracturing, 30% carbonate veining.
160.7	161.5	251587		10								159.8 - 160.7 - Graphitic with 40% carbonate veining.
161.5	162.4	251588	ARG	10		<0.2	30	57	12	5	55	161.5 - 194.3 - ARGILLITE - White-brown argillaceous sand to silt. Massive with very weak bedding. Very low carbonate content.
162.4	163.4	251589		10								162.4 - 163.0 - Graphitic siltstone.
163.4	164.9	251590		10		<0.2	30	95	14	5	83	164.4 - 164.9 - Graphitic fault breccia.
164.9	165.9	251591		10								165.0 - 168.3 - Broken, blocky core.
165.9	166.9	251592		10		<0.2	30	62	8	5	104	
166.9	168.9	251593		10								
												171.9 - 172.0 - Graphitic.
												173.7 - 174.0 - Graphitic.
176.5	177.8	251594	qv	10		<0.2	310	52	12	5	86	177.2 - 177.8 - 30% quartz veining at 50 degrees.
177.8	179.5	251595		10								177.8 - 179.5 - Feldspar porphyry - white, siliceous with quartz veining at 178.6 to 178.7.
179.5	180.0	251596		20		<0.2	310	51	12	5	83	
180.0	181.0	251597		10								180.0 - 182.1 - 30% quartz viening, brecciated.
181.0	182.1	251598		20		<0.2	700	33	12	15	51	
182.1	183.1	251599		10								182.1 - 184.1 - 10% quartz stringers and fracture fill.
183.1	184.1	251600		10		<0.2	60	59	12	5	76	
184.1	186.1	251601		20								
188.2	189.2	251602		10		<0.2	545	55	12	10	87	
189.2	189.8	251603		10								189.2 - 189.8 - 20% quartz stringers and fracture fill.
189.8	190.8	251604		20		<0.2	75	51	12	5	82	190.0 - 190.1 - 20% quartz breccia fill.
190.8	191.8	251605		20								
191.8	192.7	251606		10		<0.2	30	68	10	5	85	

192.7	194.3	251607		20								192.7 - 193.0 - Quartz-graphite breccia.
												193.3 - 194.3 - Brecciation, graphite injection 10% quartz.
194.3	195.3	251608	FPs	40		<0.2	125	11	4	5	16	194.3 - 207.2 - FELDSPAR PORPHYRY - White siliceous
195.3	196.0	251609		30								porphyry with 10% white feldspar phenocrysts in a cream to
196.0	197.0	251610		50		<0.2	30	5	4	5	10	buff matrix.
197.0	199.0	251611		50								
199.0	200.0	251612		20		<0.2	65	10	6	5	17	
200.0	201.0	251613		50								
201.0	202.0	251614		20		<0.2	245	8	2	5	7	
202.0	203.0	251615		4240								202.0 - 202.8 -Graphite quartz breccia with 1 to 5% pyrite,
203.0	204.0	251616		20		<0.2	135	11	4	5	9	tr. arsenopyrite.
204.0	205.0	251617		40								
205.0	207.2	251618		70		<0.2	65	5	4	5	9	
207.2	208.2	251619	ARG	10								207.2 - 226.6 - SILICEOUS ARGILLITE - White, massive,
208.2	209.2	251620		10		<0.2	80	49	8	5	74	medium to fine grained clastic sediment with weak bedding at
213.6	214.6	251621		10								40 degrees.
214.6	215.2	251622		10		<0.2	45	81	8	5	67	214.6 - 215.2 - Finely banded, grey coloured.
215.2	216.2	251623		10								
216.2	217.8	251624		10		<0.2	25	44	10	5	75	
217.8	218.8	251625		10								
												218.8 - 219.0 - 20% quartz stringers.
												219.2 - 219.4 - Fine, black silty with quartz fractures.
218.8	220.0	251626	s	10		<0.2	125	46	8	5	69	219.8 - 220.0 - 40% Quartz stringers at 30 degrees.
220.0	221.0	251627		10								
221.0	222.0	251628		10		<0.2	60	80	8	5	69	221.8 - 222.0 - Fine, black, silty.
222.0	224.0	251629		10								
224.0	225.5	251630		10		<0.2	40	65	8	5	76	224.0 - 224.3 - Fine, black, silty with 10% quartz fracture
												fill.
225.5	226.6	251631		10								224.3 - 226.6 - 10% Quartz stringers.
226.6	227.6	251632	CNGqv	10		<0.2	20	56	10	5	86	226.6 - 228.8 - CONGLOMERATE - Argillaceous, silicified
227.6	228.8	251633		10								clastic with rounded clasts up to 3cm in size, 10% quartz
												stringers.
228.8	230.2	251634	ARGs	10		<0.2	50	89	10	5	71	228.8 - 256.2 - ARGILLITE - Siliceous sediment with variable
												black silty component. Occasional fine bedding laminations
												at 40%.
230.2	230.7	251635		10								230.4 - 230.6 - Grey, silty.
230.7	231.7	251636		10		<0.2	15	80	8	5	68	
231.7	232.7	251637		10								
232.7	233.8	251638		10		<0.2	10	112	2	5	76	231.7 - 233.8 - Grey, silty with tr. pyrite in black clasts.
233.8	234.9	251639		10								
234.9	235.4	251640		20		<0.2	25	70	8	5	64	234.9 -235.1 -10 to15% quartz veins parrallel to core, grey
235.4	236.3	251641		10								silty.
236.3	237.0	251642		10		<0.2	25	70	6	5	59	236.0 - 237.0 - Fine bedding laminations at 40 degrees.
237.0	238.0	251643		20								
238.0	239.0	251644		10		<0.2	35	76	2	5	62	
239.0	239.6	251645		10								239.3 - 239.6 - Weakly sheared, grey silty.

239.6	240.8	251646		10		<0.2	110	137	10	5	88	240.1 - 240.8 - Brecciation, minor quartz fracture fill.
240.8	242.0	251647		10								
242.0	242.6	251648		10		<0.2	50	60	6	5	80	242.0 - 242.6 - Brecciation, 10 to 15% quartz fracture fill.
242.6	244.8	251649		10								243.0 - 244.8 - Grey, silty.
244.8	245.7	251650		10		<0.2	45	69	8	5	69	245.4 - 245.7 - Conglomerate
245.7	246.8	251651		10								
246.8	247.9	251652		10		<0.2	45	72	6	5	74	246.8 - 250.3 - Grey silty, 20% quartz veining and fracture
247.9	248.8	251653		10								fill at 30 degrees.
248.8	250.1	251654		20		<0.2	545	82	8	5	82	
250.1	252.1	251655	qv	10								250.1 - 250.2 - 50% quartz veining at 45 degrees.
252.1	253.1	251656		10		<0.2	25	74	10	5	71	252.1 - 256.2 - 20% white quartz veins and fracture fill.
253.1	254.1	251657		10								
254.1	255.6	251658		10		<0.2	135	74	10	5	79	
255.6	256.2	251659		20								
256.2	257.2	251660	FPs	10		<0.2	25	5	2	5	15	256.2 - 259.08 - FELDSPAR PORPHYRY - White, siliceous,
257.2	259.1	251661		20								with high feldspar phenocryst content (50%).
	259.1	1	EOH									259.1 EOH

		Hole		Northing		Easting		Elev.				
		98-07		10780		10745		1080				
	Depth		Azimuth	Dip	*Gold values converted from fire assay in g/T							
	0		180	-89.9								
	85.34		180	-89.9								
				Au	Au-fire	Ag	As	Cu	Pb	Sb	Zn	Geology Characteristics
From	To	Sample #	Geology	ppb*	g/T	ppm	ppm	ppm	ppm	ppm	ppm	
0	15	1	OB									0-41.0 - OVERBURDEN
15	17	251806		10		0.2	100	64	6	5	73	
19	20	251807		10								
27	28	251808		10		0.2	95	36	16	5	80	
28	30	251809		10								
33	35	251810		10		0.2	100	43	18	5	93	
36	37	251811		10								
39.45	41.45	251812		20		0.2	65	53	14	5	84	
41.45	43	251796	CNG	10		0.2	10	44	14	5	85	41.0-43.9 - CONGLOMERATE - Weathered, coarse angular
43	43.9	251797		20								clasts in matrix of 50% fine mud. Occasional quartz
												fragments
43.9	44.9	251798	SDfe	10		0.2	55	54	16	5	94	43.9-48.0 - SANDSTONE - Intense limonite stained, medium
44.9	45.9	251799		10								grained, massive sandstone. Very subtle bedding at 50 - 60o.
45.9	47	251800		20		0.2	15	35	16	5	85	Minor hairline quartz stringers.
47	48	251705		10								
48	48.8	251706	CNGfe	30		0.2	110	13	18	5	66	48.0-49.6 - CONGLOMERATE/BRECCIA - Angular, unsorted
48.8	49.6	251707		10								breccia with sandstone, feldspar porphyry and black, graphitic
												clasts. Moderate to intense limonite stain.
49.6	50.6	251708	FP	10		0.2	95	85	10	5	50	49.6-63.0 - FELDSPAR PORPHYRY - grey, with clusters of
50.6	52.6	251801		10								corroded feldspar phenocrysts (2-5mm) in a grey fine-.
54.6	56.6	251802		10		0.2	60	92	10	5	58	grained matrix Cut by black carbonaceous hairline stringers
57.6	58.6	251813										
												at a variety of angles. Upper contact appears to be at 20o.
60	62	251803		10								Moderate to pervasive limonite stain.
62	63	251709		10								
63	64	251710	CNG	10		0.2	70	77	8	5	36	63.0-66.8 - CONGLOMERATE - Unsorted breccia of coarse
64	65	251711		20								sand, porphyry, and weathered limonitic clasts.
65	66	251712		10		0.2	80	43	10	5	61	
66.8	67	1	FP									66.8-83.8 - FELDSPAR PORPHYRY - Grey porphyry as
67	68	251804		10		0.2	125	90	8	5	59	above with distinctive black alteration caused by fluid
68	69	251805		10								streaming. Black hairline fractures and black mottling of core.
												Some cavities are filled with black, carbonaceous material.
70	71	251814		10		0.2	195	111	10	5	51	
72	73	251815		10								
74	75	251816		10		0.2	195	93	8	5	50	
75.9	76.9	251713		10								76.5 - 78.1 - black alteration and brecciation caused by
76.9	77.9	251714		10		0.2	120	32	8	5	54	fluid streaming. Cavities lined with carbonaceous material.

77.9	78.9	251715		10												
79.8	80	251817		10												
81.8	82.8	251716		10		0.2	135	74	8	5	53	81.8-82.8 - black alteration and brecciation				
82.8	83.8	251717		10								83.8 - End of Hole				

		Hole		Northing		Easting		Elev.				
		98-08		10735		10790		1100				
	Depth		Azimuth	Dip	*Gold values converted from fire assay in g/T							
	0		180	-80								
	154.6		180	-80								
				Au	Au	Ag	As	Cu	Pb	Sb	Zn	
From	To	Sample #	Geology	ppb*	g/T	ppm	ppm	ppm	ppm	ppm	ppm	Geology Characteristics
0	31	1	OB									0-43.6 - OVERBURDEN - contains zones with mud
												with high graphite content and zones with white quartz
												fragments in soft matrix.
31	32	251775		10								31.0 - 32.0 - High graphite content in mud.
32	33	251776		10		0.2	85	54	6	5	79	32.0 - 33.0 - High graphite content in mud.
34	35	251777		10								33.0 - 34.0 - Quartz fragments in mud. in mud
43.6	44.2	1	CNG									43.6-63.4 - CONGLOMERATE - Polymictic
												conglomerate/breccia with matrix of mud. May be
												weathered colluvium but very similar to bedrock below.
44.2	45.4	251778		10		0.2	45	45	16	5	98	43.6 -44.5 - soft graphitic matrix.
48.2	50.2	251779		10								48.1 - 54.9 - moderate graphite in matrix. Predominantly
												angular sandstone clasts.
												57.6 - 58.5 - light, angular sandstone and quartz fragments
												in black matrix
60.3	61.3	251780		10		0.2	45	51	16	5	94	60.3 - 63.5 - light, angular sandstone and siliceous
61.3	62.3	251781		10								fragments in black, muddy matrix. 5 cm. quartz vein at top.
62.3	63.4	251782		10		0.2	55	53	14	5	89	
												64.85 - 64.9 - quartz vein
												64.9 - 65.0 graphitic gouge
63.4	64.5	251783	CNG	10								63.4-79.4 - CONGLOMERATE - polymictic
64.5	65	251784		10		0.2	20	32	10	5	82	conglomerate/breccia. Clasts are up to 10 cm. in size,
65	66	251785		10								angular to rounded. Coarse sand matrix makes up
66	68	251786		10		0.2	10	23	12	5	61	10 - 20 %. Clasts are mostly siliceous feldspar
68	69	251787		10								porphyry and sandstone. Occasional quartz stringers
												(5%). Weak limonitic stain is fracture controlled near
												surface (first 7 m).
69	70	251788		10		0.2	5	29	8	5	72	
70	71	251789		10								
71	72	251790		10		0.2	10	31	6	5	71	
72	73	251791		10								
73	74	251792		10		0.2	5	28	8	5	67	
74	75	251793		10								
75	76	251794	K	10		0.2	5	28	6	5	76	
77.4	78.4	251795		10								
78.4	79.4	251718	K	10		0.2	10	39	10	5	81	75.9 - 79.4 - Weak clay alteration in matrix of
												conglomerate. Matrix is friable, crumbly.
79.4	80.6	251719	SSgph	10								79.4-81.6 - SANDSTONE - black sand with weak clay
												alteration, high graphite content. Good bedding at 60 -
												70 o.

												81.1 - 81.6 - graphite content increases, contains
80.6	81.6	251720		10		0.2	50	37	18	5	74	10% sheared quartz.
												81.6-84.5 - SANDSTONE - light grey sand with weak
81.6	82.6	251721	SSk	10								clay alteration giving core a corroded appearance. 10%
82.6	83.6	251722		10		0.2	35	46	16	5	100	quartz stringers.
83.6	84.5	251723		10								
84.5	85.3	251724	CNG	10		0.2	35	50	12	5	76	84.5-98.9 - CONGLOMERATE - polymictic breccia as before with subangular to subrounded clasts. Moderate clay alteration in the matrix. Matrix is weakly sheared. Contacts are at 70o bu shearing is sub-parallel to core.
85.3	86.8	251725		10								85.3 - 86.8 - Strongly graphitic, sheared contacts
86.8	87.9	251726		10		0.2	70	35	12	5	60	at 30o, 5% sheared quartz.
87.9	89	251727		10								
89	90	251728		10		0.2	35	29	14	10	72	89.0 - 89.2 - sheared, strongly graphitic. Contacts at 45o.
90	91	251729		10								
91	92	251730		10		0.2	25	31	12	5	79	
92	93	251731		10								92.8 - 94.7 - Strong clay alteration. Core is soft and
93	94.4	251732		10		0.2	20	33	14	5	75	crumbly
94.4	95.4	251733		20								
95.4	95.9	251734		10		0.2	20	37	10	5	70	
												95.9 - 97.3 - ground core, graphitic.
97.3	98.5	251735		10								97.3 - 98.5 - silty, graphitic, minor quartz
98.5	98.9	251736		10		0.2	25	35	14	5	53	vein (1 cm.)
98.9	99.9	251737	SS	10								98.9-113.5 - SANDSTONE - grey, medium to fine grained, well sorted sand. Upper contact is at 45 o but fabric within unit is sub-parallel to core.. Occasional quartz stringers.
99.9	100.9	251738	gph	10		0.2	80	73	24	5	111	98.9 - 100.7 - moderately graphitic
100.9	101.9	251739		10								
104.4	105.4	251740		10		0.2	50	58	12	5	94	
105.4	106.4	251741	q	10								105.4 - 106.9 - 20% sheared quartz veins and
106.4	106.9	251742		10		0.2	145	27	16	5	67	stringers.
106.9	107.9	251743	gph	10								106.9 - 109.3 - black, graphitic. Shearing fabric is
107.9	109.3	251744		10		0.2	55	27	14	5	73	parallel to core. Sheared quartz at upper and lower contacts.
109.3	110.3	251745		10								
113.5	118.7	1	SD/SS									113.5-120.7 - SANDSTONE/SILTSTONE - fine to medium grained, massive to finely banded.
118.7	119.7	251746		10		0.2	35	62	16	5	88	Banding is sub-parallel to core.
119.7	120.7	251747		10								119.0 - 120.5 - bedding is at 50 o.
												119.8 - 120.5 - 10% fine quartz stringers
120.7	121.8	251748	SSgph	10		0.2	75	58	22	5	85	120.7-131.1 - GRAPHITIC SILTSTONE - strongly sheared, graphitic with sheared quartz stringers.
												120.7 - 121.8 - 20% sheared quartz parallel to core.

121.8	122.8	251749		20								
122.8	123.8	251750		10		0.2	135	73	14	5	107	
123.8	124.8	251751		10								
124.8	125.8	251752		10		0.2	130	60	16	5	125	
125.8	127	251753		10								
127	127.8	251754		10		0.2	120	50	22	5	105	127.0 - 131.1 - 20% sheared quartz stringers
127.8	128.8	251755		10								parallel to core.
128.8	129.8	251756		10		0.2	90	84	26	5	123	
129.8	131.1	251757		10								
131.1	132.1	251758	SD	10		0.2	40	52	16	5	93	131.1-154.64 - SANDSTONE - grey, massive, medium
												to fine grained sand with occasional quartz stringers.
												Upper contact is at 45o but bedding within unit is at
												20 - 30o.
												135.6 -136.6 - 1 cm. quartz vein parallel to core.10-
137.1	138.1	251759		10								15% quartz stringers at 70o.
138.1	138.7	251760	q	10		0.2	45	40	14	5	65	138.1 - 138.7 - 50% quartz veins and stringers
138.7	139.7	251761		20								
139.7	140.7	251762		10		0.2	40	42	14	5	103	
140.7	141.7	251763		10								
141.7	142.8	251764	q	10		0.2	45	43	12	5	89	142.65 - 142.8 - 50% quartz veins at 65o
142.8	144.4	251765		10								
144.4	145.4	251766		10		0.2	70	45	16	5	80	144.4 - 146.1 - 70% quartz vein, graphite
145.4	146.1	251767	q	10								
146.1	147.1	251768		10		0.2	75	85	14	5	96	146.1 - 148.1 - sheared sandstone. shearing at
147.1	148.1	251769		10								30 - 40o
148.1	149.1	251770	qgph	10		0.2	70	60	18	5	88	148.1 - 148.9 - sheared, graphitic with 10% quartz.
149.1	150.1	251771		10								
152.7	153.7	251772		10		0.2	35	36	14	5	105	
153.7	154.2	251773		10								153.7 - 154.2 - 30% quartz stringers at 60o.
154.2	154.6	251774		10		0.2	5	35	8	5	83	
												154.64 End of Hole

		Hole		Northing		Easting		Elev.				
		98-09		10550		11260		1275				
	Depth		Azimuth	Dip	*Gold values converted from fire assay in g/T							
	0		180	-89.9								
	129.24		180	-89.9								
				Au	Au	Ag	As	Cu	Pb	Sb	Zn	Geology Characteristics
From	To	Sample #	Geology	ppb*	g/T	ppm	ppm	ppm	ppm	ppm	ppm	
0	12.2	1	OB									0-12.2 - OVERBURDEN
12.2	13.4	251818	SD/SS	10		0.2	760	52	14	10	80	12.2-32.0 - SANDSTONE/SILTSTONE - medium to
15.5	16.5	251819		20								fine grained with bedding at 40o. Occasional quartz
												stringers.
18	19	251820		10		0.2	50	39	10	5	78	17.0 - 18.8 - clay alteration, graphite, quartz stringers.
19	20	251821		10								19.9 - 20.2 - quartz vein at 30o.
23	24	251822		10		0.2	40	27	8	5	62	
26	27	251823		10								26.8 - 28.3 - 10% multi-directional quartz stringers.
29	30	251824		10		0.2	60	27	10	5	61	27.8 - good bedding at 40o
												28.3 - 29.7 - broken fractured core, weak limonitic
												stain
31	32	251825		20								31.4 - 32.4 - graphite, weak limonite stain
32	33	251826	SSfe	10		0.2	135	39	10	5	51	32.0-44.0 - SANDSTONE - medium grained, massive with
36	37	251827		10								intense limonitic stain.
39	40	251828		10		0.2	865	46	14	20	96	39.3 - 39.6 - graphitic
40	41	251829		120								40.8 - 42.4 - weakly graphitic, 10-15% quartz stringers
41	42	251830		810			10000	47	58	20	131	
43	44	251831		600								43.5 - 43.8 - 30% sheared quartz
44	45	251832	SSkgph	40			275	59	22	15	106	44.0-48.0 - SANDSTONE - sheared and altered, moderate
												clay alteration gives the core a corroded appearance.
												Contains graphite,and quartz-carbonate stringers. Shearing at
												60o.
												43.8 - 44.4 - intense clay alteration, graphite, shearing
												at 60o
												45.4 - 45.8 - 10-15% quartz-carbonate stringers.
46	47	251833	gph	10								45.8 - 48.7 - moderately graphitic, shearing at 70o.
47	48	251834		10			215	62	10	5	82	
48	49	251835	FPfe	10								48.0-49.0 - FELDSPAR PORPHYRY - strong limonitic stain,
												coarse grained.
50.5	51.5	251836	SSgph	20			465	78	14	10	80	50.5-51.5 - SILTSTONE - graphitic with minor carbonate
												stringers.
51.5	52.5	251837	CNGFE	10								51.5-52.5 - CONGLOMERATE - coarse, unsorted
												conglomerate breccia. Moderate limonite stain.
52.5	55.7	1	FP									52.5-55.7 - FELDSPAR PORPHYRY - intense limonite stain
												controlled by fractures. Fresh portions show good porphyritic
												texture with 40% white feldspar phenocrysts in a grey
												siliceous matrix.

55.7	59.5	1	SD/SS									55.7-71.7 - SANDSTONE SILTSTONE - massive, medium to fine grained with weak clay alteration.
55.5	56.5	251838		40			625	67	44	5	238	55.7 - 56.7 - sheared contact breccia
59.5	60.5	251839	k	10								59.1 - 64.5 - moderate clay alteration. Core is broken
60.5	62.5	251840	k	10			20	20	4	5	60	crumbly.
64.5	66.5	251841		10								
66.5	68.5	251842		20			60	30	6	5	73	66.8 - 71.7 - graphitic shear breccia in contact zone.
68.5	71.7	251843		10								
71.7	73	251844	SS	10			10	36	2	5	88	71.7-77.0 - SANDSTONE - unaltered, massive, light green,
76	77	251845		10								medium grained clastic with occasional hairline quartz stringers.
77	78	251846	SS	10			5	56	2	5	65	77.0-82.0 - SILTSTONE - fine grained, weakly graphitic.
												77.0 - 78.0 - fine grained, silicified.
												77.25 - 77.35 - quartz-graphite breccia.
80	81	251847		10								80.7 - 81.5 - moderately graphitic.
82	83	251848	SSx	10			45	89	10	5	106	82.0-84.0 - SILTSTONE - fault gouge. Light grey fine mud
83	84	251849		10								with graphitic fragments.
84	85	1	SDarg									84.0-90.2 - SANDSTONE - argillaceous, light grey/green
												with 10% quartz stringers.
85	86	251850		10			5	61	6	5	86	84.0 84.4 - sheared, graphitic
86	88	251851		10								86.0 - 86.8 - graphitic, shearing at 60o.
89	90	251852		10			40	61	8	5	86	87.0 - 89.7 - sheared, moderate clay alteration.
												89.7 - 90.2 - silicified, bedding at 40 degrees. 20% white quartz-carbonate stringers at 90o and sub-parallel to core.
90.2	92	1	SD/SS									90.2-92.0 - SANDSTONE/SILTSTONE - massive to finely
92	93	251853		10								banded with 10% quartz-carbonate stringers.
93	94	251854	CNG	10			40	80	18	5	107	93.0-102.5 - Conglomerate - weak clay alteration, sub-rounded to angular polymictic clasts. Predominantly feldspar porphyry and sandstone/siltstone. Clasts up 7 cm. Sandy matrix makes up 10-20%. Occasional clasts containing realgar and fine stringers of realgar with matrix. Clay alteration affects the sandy matrix.
94	95	251855	gqc	10								93.1 - 94.2 - sheared, brecciated contact zone with
95	96	251856		10			10	27	10	5	68	graphite, carbonate fragments.
96	97	251857		10								98.0 - realgar in clasts and matrix.
97	99	251858		10			5	30	10	5	68	
99	101	251859		10								
101	102.5	251860		10			10	31	10	5	70	
102.5	103.5	251861	SD/SS	10								102.5-108.8 - SANDSTONE/SILTSTONE - alternating layers of black graphitic sediment and grey sandstone. Shearing at . 60o

103.5	104.5	251862		10			70	18	16	5	64	104.0 - 104.3 - graphitic, 10% quartz-carbonate.
104.5	105.5	251863	g	10								104.8 - 106.4 - graphitic
105.5	106.5	251864		10			90	40	16	5	103	
106.5	108.8	251865	g	10								107.85 - 108.8 - graphitic, shearing at 65o.
108.8	110	251866	FPk	10			80	8	10	5	47	108.8-115.6 - FELDSPAR PORPHYRY - moderate to intense
110	112	251867		10								clay alteration. Weakly porphyritic with 10% white feldspar
												phenocrysts in a white, altered matrix.
112	114	251868	k	10			25	10	6	5	51	113.0 - 114.5 - intense clay alteration.
114	115.6	251869		10								
115.6	116.6	251870	SS	10			110	30	16	5	79	115.6-129.24 - SANDSTONE - weakly altered massive clastic
116.6	117.6	251871		10								with little evidence of bedding.
117.6	118.6	251872		10			70	51	20	5	93	115.6 - 117.4 - graphitic with clasts of fresh sandstone
118.6	120	251873		10								
120	121	251874		10			55	16	14	5	58	120.2 - 120.4 - quartz-carbonate stringers,graphitic.
125	127	251875		10								
												129.24 End of hole.

		Hole		Northing		Easting		Elev.					
		98-10		9341		10937		1395					
	Depth		Azimuth	Dip	*Gold values converted from fire assay in g/T								
	0.0		300	-60									
	127.1		300	-60									
				Au	Au	Ag	As	Cu	Pb		Sb	Zn	Geology Characteristics
From	To	Sample #	Geology	ppb*	g/T	ppm	ppm	ppm	ppm		ppm	ppm	
0.0	2.5	1	OB										0.0 - 2.5 - OVERBURDEN
2.5	4.0	251876	SD/SSsfe	10									2.5 -4.0 - SANDSTONE/SILTSTONE - silicified, fine grained
4.0	5.5	251877		10									sediment with intense fracture controlled limonite stain.
5.5	7.0	251878		10									Occasional large (up to 7 cm.) siliceous clasts and quartz
7.0	7.7	251879		10									stringers. Quartz forms a fine stockwork showing multiple
													episodes of alteration. Pyrite stringers (1-5%) at 60° and
													subparallel to core. Strongly bleached and sericitized.
													Contains traces of blue-grey sulfide and arsenopyrite.
7.7	8.5	251880		10									7.7 - 8.5 - green chloritic shears
8.5	10.0	251881		10									
10.0	12.0	251882		10									
12.0	13.5	251883		10									12.0 - 13.5 - intense limonite, fractured core.
13.5	14.9	251884		10									14.0 - 14.9 - intense limonite stain.
14.9	16.5	251885	SD/SSs	10									14.9-27.4 - SANDSTONE/SILTSTONE - fine to medium grained,
16.5	18.6	251886		10									light green to grey sediment with occasional rounded clasts
													(up to 7 cm) of feldspar porphyry and dark quartz. Highly
													silicified with minor limonite stain on fractures. 1-5% pyrite
													stringers and disseminated.
18.6	19.1	251887		10									18.6 - 18.8 - 10-15% pyrite stringers and disseminated,
													trace chalcopyrite and realgar.
19.1	21.5	251888		10									19.5 - 20.0 - rounded and stretched feldspar porphyry
													clasts up to 7 cm.
21.5	22.9	251889		10									21.5 - 22.9 - intense limonite stain
22.9	24.6	251890		10									24.6 - 24.8 - intense limonite stain.
24.6	25.6	251891		10									26.7 - 27.4 - light green epidote chlorite alteration. Contact
25.6	26.7	251892		10									at 45 degrees. 5% pyrite stringers and disseminated.
26.7	27.4	251893		10									
27.4	28.9	251894	SD/SSs	10									27.4-39.0 - SANDSTONE/SILTSTONE - grey to brown
28.9	30.4	251895		10									silicified, fine to medium grained sediment with 10-15%
30.4	31.9	251896		10									quartz stringers at 30 and 60 °. 1% pyrite stringers and
31.9	33.2	251897		10									disseminated. Minor limonite fracture coatings. Brown color
													may be due to secondary biotite. Local epidote and chlorite.
													28.0 - 28.9 - rare, rounded and stretched feldspar
													porphyry clasts (up to 7cm.)
33.2	34.2	251898		10									33.2 - 34.2 - rounded feldspar porphyry clasts in a fine
													grey matrix.
34.2	35.7	251899		10									34.0 - 38.0 - quartz-carbonate stringer zone. 1-3% pyrite
35.7	37.0	251900		10									on hairline stringers at 30 and 60 °.

37.0	38.0	251670		10								
38.0	39.0	251671		10								
39.0	40.4	251672	SD/SSsk	10								39.0-60.2 - SANDSTONE/SILTSTONE - light grey
												argillaceous sediment with 5% pyrite stringers and
												disseminations throughout. Fine blue-grey sulfide and realgar.
40.4	41.9	251673	kpy	10								40.4 - 43.0 - intense clay alteration. Core is broken and
41.9	43.0	251674		10								converted in places to soft clay. Not sheared. Sulphide
43.0	43.9	251675		10								stringers subparallel to core.
45.42	46.33	251676	kpy	10								43.9 - 49.8 - intense clay alteration. Altered to soft
49.38	50.7	251677		10								white clay.
												48.4 - downsize to NQ.
50.7	52.5	251678	kpy	10								50.7 - 52.5 - quartz-pyrite zone. 10 - 15% white milky
52.5	54.4	251679	pyepchl	20								quartz. 10 - 15% pyrite stringers. Strong clay alteration.
												50.9 - 51.51 - 0.4 m lost core.
												52.5 - 54.4 - green epidote-chlorite alteration with 15 -
												20% finely disseminated pyrite.
54.4	55.9	251680		10								53.04 - 54.56 - 0.8m lost core.
55.9	57.4	251681	kpy	10								54.4 - 60.2 - moderate clay alteration. 5 - 15% pyrite
57.4	58.9	251682		10								stringers and disseminations.
58.9	60.2	251683		20								
60.2	61.5	251684	FPkpy	10								60.2-62.8 - FELDSPAR PORPHYRY - medium grained white
61.5	62.8	251685		10								porphyry with white feldspar phenocrysts in altered matrix.
												Moderate white clay alteration. Up to 2% fine disseminated
												sulfide locally. Local quartz eyes.
62.8	63.44	251686	SD/SSk	10								62.8-71.6 - SANDSTONE/SILTSTONE - white to light grey,
63.44	64.7	251687		10								fine to medium grained sediment. Moderate to intense white
												clay alteration. Trace fine disseminated sulfide throughout.
												63.0 - 63.4 - quartz graphite stringers parallel to core.
												63.7 - 64.9 - dark grey massive siltstone.
64.7	65.2	251688	q	10								64.7 - 65.0 - 30% quartz veining.
65.2	66.2	251689		10								65.8 - 67.7 - intense clay alteration. 10 - 20% quartz.
66.2	67.7	251690		10								Core is soft, muddy (67.4 - 67.7). Weak green epidote-
67.7	69.7	251691		10								chlorite alteration.
69.7	71.6	251692		10								70.0 - 71.6 - grey siltstone.
												71.4 - 71.6 - green epidote-chlorite alteration.
71.6	72.9	251693	SD/SSk	10								71.6-89.6 - SANDSTONE/SILTSTONE - intensely altered
72.9	74.7	251694	k	20								sediment. 10% white quartz stringers (multidirectional).
74.7	76.0	251695		10								Core is soft and crumbly. Weak to moderate light green
76.0	77.5	251696		10								epidote-chlorite alteration. Occasional pyrite stringers and
												fine disseminations(1 - 3%).
												72.8 - 74.7 - intense clay alteration.
77.5	78.0	251697		10								
78.0	78.6	251698		10								
78.6	79.6	251699		10								
79.6	81.0	251700	k	10								
81.0	83.0	251901		10								81.0 - 89.6 - intense clay alteration.

83.0	85.0	251902	q	10								84.7 - 86.0 - 40% quartz running parallel to core.
85.0	87.0	251903		10								
87.0	89.6	251904	k	10								
89.6	91.0	251905	HPchlpy	10								89.6-96.8 - HORNBLENDE PORPHYRY - grey-brown weakly
91.0	93.0	251906		10								altered with 10 - 15% white quartz stringers. Weak to
93.0	94.0	251907		40								moderate light green epidote-chlorite alteration. Brown color may
94.0	95.0	251908		80								be due to secondary biotite.
95.0	95.5	251909		60								
95.5	96.8	251910	qpy	10								95.6 - 95.8 - quartz (50%) - pyrite (20%). Sheared vein
												at 60°.
												96.6- chalcopyrite -pyrite stringer
96.8	98.8	251911	SSk	20								96.8-101.3 - SILTSTONE - white, fine grained sediment with
98.8	101.3	251912		10								5% pyrite stringers, 5% quartz stringers. Moderate clay
												alteration and fine disseminated sulfides.
101.3	102.0	251913	QVPY	20								101.3-102.6 - QUARTZ-PYRITE VEIN ZONE
102.0	102.6	251914		20								101.3 - 102.0 - quartz (20%), pyrite (50%), graphite at 30°
												Brecciated coarse massive pyrite in quartz matrix.
												102.0 -102.6 - 40% white quartz parallel to core. 10 -
												15% pyrite stringers.
102.6	103.6	251915	SD/SSs	10								102.6-104.4 - SILTSTONE/SANDSTONE - silicified fine to
103.6	104.4	251916		10								medium grained with 5% quartz stringers and finely disseminated
												sulphides.
104.4	106.4	251917	SD/SS	10								104.4-127.1 - SANDSTONE/SILTSTONE - weakly altered
106.4	108.4	251918		10								sediment with intermittent epidote-chlorite alteration. Finely
												disseminated magnetite.
108.4	110.0	251919		10								109.0 - 117.0 - 10% whitre quartz stringers at 40 - 60°
110.0	111.0	251920		30								110.0 - 110.3 - green chlorite-epidote alteration
111.0	113.0	251921	q	20								112.9 - 113.0 - 30% quartz, moderate clay alteration
113.0	114.0	251922	k	10								113.2 - 114.0 - intense clay alteration
114.0	115.0	251923		10								114.9 - 2 cm. quartz vein at 40°
115.0	116.0	251924		10								
116.0	117.0	251925	k	10								116.3 - 117.0 - moderate clay alteration, 15% white quartz
117.0	118.5	251926		10								117.9 - 120.0 - weak chlorite-epidote alteration
118.5	120.0	251927		10								118.6 - 118.8 - 1 cm. py stringer at 30°
120.0	121.5	251928		20								120.0 - 120.1 - 2 cm. py stringer at 45°
121.5	123.0	251929		10								
123.0	125.0	251930		10								123.9 - 124.0 - white quartz-carbonate vein
125.0	127.1	251931		10								127.1 End of Hole

		Hole		Northing		Easting		Elev.				
		98-11		9780		9815		1195				
	Depth		Azimuth	Dip	*Gold values converted from fire assay in g/T							
	0.0		60	-60								
	292.30		60	-60								
				Au	Au	Ag	As	Cu	Pb	Sb	Zn	Geology Characteristics
From	To	Sample #	Geology	ppb*	g/T	ppm	ppm	ppm	ppm	ppm	ppm	
0.0	25.0	1	OB									OVERBURDEN
25.0	33.8	1	HB									25.0-33.8 - HORNBLENDE PORPHYRY - dark grey medium grained, massive intrusive with hornblende and feldspar phenocrysts. Weakly magnetic.
33.8	48.0	1	SD/SS									33.8-58.4 - SANDSTONE/SILTSTONE - grey, fine grained, massive with 5-10% multidirectional fracture-controlled quartz stringers.
48.0	50.0	251932		10								48.0-58.4 - increasingly silicified, light grey alteration
50.0	51.5	251933		10								50.8-51.4 - strong light grey silicification
51.5	52.4	251934		10								48.0-49.4 - strong light grey silicification
												52.1-52.4 - 50% quartz veins at 60°.
52.4	54.0	251935		10								52.6-52.8 - light grey hornblende-feldspar porphyry dyke. at 60°.
												53.0-54.9 - Hornblende-Feldspar Porphyry dyke . Upper contact at 10-20°.
												56.0-58.4 - increasing silicification and quartz stringers towards lower contact. May be altered mafic porphyry.
58.4	60.0	1	SD/SSs									58.4-74.0 - SILICIFIED SANDSTONE/SILTSTONE - light grey to white, intensely silicified and clay altered. Grain size varies from fine to medium. Very weak bedding. Local disseminated realgar.
60.0	61.0	251936		10								59.1-60.0 - coarse sand
61.0	62.0	251937		10								61.0-63.0 - intense clay alteration. Quartz stringers run parallel to core.
62.0	63.0	251938		10								
63.0	65.0	251939		10								66.0-67.7 - intense clay alteration. Fine bedding at 30°. locally altered to soft white clay.
65.0	66.0	251940		10								
66.0	67.0	251941		10								71.6-72.9 - intense silicification, clay alteration.
67.0	68.0	251942		10								68.0-72.9 - tr py as fine disseminations and black hairline stringers.
68.0	70.0	251943		10								
70.0	72.0	251944		10								74.0-76.0 - possible disseminated arsenopyrite
72.0	74.0	251945		10								
74.0	76.4	1	SD/SS									74.0-81.7 - SANDSTONE/SILTSTONE - grey, moderately silicified with weak light green epidote alteration. Tr. - 1% py as fine black stringers and fine disseminations.
76.4	77.40	251946		10								77.4-77.6 - 1-3% py, 20% white quartz.
77.40	78.4	251947		10								78.0-78.6 - pale yellow scorodite (?) in quartz stringers parallel to core.
78.4	79.4	251948		10								78.9-80.2 - strong clay and moderate green epidote alteration, realgar in quartz stringers.

81.7	82.7	251949	SD/SSs	10							81.7-84.4 - SILICIFIED SANDSTONE/SILTSTONE - intensely
82.7	83.7	251950		10							silicified with trace to 1% pyrite (black stringers and
											finely disseminated) and disseminated realgar. Brecciation
											at upper contact.
84.4	89.4	1	SD/SS								84.4-95.0 - SANDSTONE/SILTSTONE - moderately silicified,
89.4	91.0	251451		10							grey, with 10% quartz stringers, trace to 1% pyrite as black
91.0	93.0	251452		10							stringers.
93.0	94.0	251453		10							93.0-93.9 - brecciation, clay alteration running parallel to
94.0	95.0	251454		10							core
											94.2-95.0 - shearing, brecciation at 60°
95.0	96.0	251455	SD/SSs	60							95.0-100.35 - SILICIFIED SANDSTONE/SILTSTONE -
96.0	97.0	251456		10							intensely silicified, weakly sheared
97.0	98.0	251457		10							96.7-96.9 - green epidote and intense clay alteration
98.0	99.6	251458		10							99.6-100.1 - intense clay alteration, 30% quartz veins
99.6	100.40	251459		10							
100.40	101.4	251460	SD/SS/FP	10							101.4-124.0 - Mixed zone with alternating bands of feldspar
101.4	102.8	251461		10							porphyry within moderately silicified sandstone and siltstone.
102.8	104.3	251462		10							Porphyry shows trace to 1% pyrite stringers.
104.3	106.0	251463		20							100.35-102.8 - feldspar porphyry
106.0	108.0	251464		10							104.3-106.0 - feldspar porphyry
108.0	109.6	251465		10							108.0-109.6 - feldspar porphyry
109.6	111.0	251466		10							112.0-112.4 - feldspar porphyry
111.0	112.4	251467		10							113.5-115.6 - feldspar porphyry
112.4	113.5	251468		10							116.0-116.7 - feldspar porphyry
113.5	115.0	251469		10							119.7-120.3 - feldspar porphyry
115.0	117.0	251470		10							121.0-121.6 - feldspar porphyry
117.0	118.7	251471		20							
118.7	119.7	251472		10							
119.7	120.7	251473		10							
120.7	121.7	251474		10							
121.7	123.0	251475		10							
123.0	124.0	251476		10							
124.0	125.0	251477	FPk	10							124.0-134.6 - FELDSPAR PORPHYRY - white, crowded
											porphyry with 1-3% black pyritic stringers. Local finely
											disseminated chalcopyrite and bornite associated with pyrite.
125.0	127.0	251478		10							Phenocrysts (2-4mm) compose more than 70% of rock
											126.0-134.6 moderate clay alteration
127.0	128.0	251479		10							
128.0	131.0	251480		10							131.0-131.5 - black carbonaceous shear.
131.0	132.0	251481		10							131.7-132.2 - black, carbonaceous shear at 45°.
132.0	133.0	251482		10							
133.0	134.0	251483		20							
134.0	135.0	251484	SSsarg	10							134.6-163.7 - SILICIFIED ARGILLACEOUS SILTSTONE - fine
135.0	136.0	251485		20							grained, white, intensely silicified with local weak clay
136.0	137.0	251486		10							alteration. Local finely disseminated sulfides (py,cp ?)

137.0	138.0	251487		20									
138.0	139.0	251488		10									
139.0	140.0	251489		10									
140.0	141.0	251490		10									
141.0	142.0	251491		10									
142.0	143.0	251492		10									
143.0	144.0	251493		10								143.0-144.0 - quartz flooding, minor shearing	
144.0	145.0	251494		10									
145.0	146.0	251495		10								145.1-145.5 - grey, highly silicified.	
146.0	147.0	251496		10								146.8-147.3 - 2 cm. white quartz vein at 10°.	
147.0	149.0	251497		10								147.8-149.0 - lost core.	
149.0	152.0	251498		10								150.6-151.5 - lost core	
152.0	153.0	251499		10									
153.0	154.0	251500		10									
154.0	155.0	251401		10									
155.0	156.0	251402		10								155.8-157.2 - brecciation, clay alteration, 20% white	
156.0	157.0	251403		10								quartz. Less intense alteration.	
157.0	158.0	251404		20								157.2-158.5 - black, carbonaceous, with 10% quartz	
158.0	159.0	251405		10								stringers. Upper contact at 30°. Lower at 60°. Less	
159.0	160.0	251406		10								intense alteration.	
												160.0-163.7 - brecciation, 10% white quartz. Core is	
160.0	161.0	251407		10								broken, rubbly. Realgar as fracture coatings and finely	
161.0	162.0	251408		10								disseminated.	
162.0	163.0	251409		10									
163.0	163.9	251410		10									
												163.7-170.9 - SILTSTONE - brecciated, weakly silicified with	
163.9	165.0	251411	SSsx	10								black carbonaceous fragments in a fine grey matrix. Weak	
165.0	166.0	251412		10								shearing parallel to core. 10% white quartz stringers. Finely	
166.0	167.0	251413		10								disseminated sulfides (tr.-1%)	
167.0	168.0	251414		10									
168.0	169.0	251415		10									
169.0	170.0	251416		10									
170.0	171.0	251417		10									
												170.9-177.0 - SANDSTONE - massive, grey, medium grained	
171.0	172.0	251418	SD	10								weakly silicified. 10% quartz stringers. Weakly altered, trace	
												pyrite	
												172.02-172.5 - weak shearing at 30°, brecciation.	
172.00	173.0	251419		10								173.6-175.0 - Feldspar porphyry	
173.0	174.0	251420		10									
174.0	175.0	251421		10									
175.0	176.0	251422		10									
176.0	177.0	251423		10									
												177.0-179.8 - SILTSTONE - black, fine grained, carbonaceous	
177.0	178.0	251424	SS	10								with 10% quartz stringers. Weakly altered, trace pyrite.	
178.00	179.0	251425		10									
179.00	179.8	251426		10									
												179.8-182.6 - SANDSTONE - grey, medium grained, massive.	
179.8	181.0	251427	SD	10								Fine grained at upper and lower contacts (bedding at 70°).	

182.6	184.0	251428	SSs	10								182.6-185.9 - SILTSTONE - grey, weakly silicified, fine
184.00	185.0	251429		10								grained with bedding laminations at 70°. 10% multidirectional
185.00	185.9	251430		10								quartz stringers
185.9	192.2	1	SD									185.9-193.2 - SANDSTONE - grey, medium grained, massive
192.2	193.2	251431		10								with 10% quartz stringers.
193.2	194.0	251432	SS	20								193.2-197.4 - SILTSTONE - black, carbonaceous weakly
												silicified.
194.0	194.7	251433		80								194.0-194.7 - brecciated, sheared with 20% quartz
194.7	195.7	251434		10								fragments, 5% pyrite.
195.7	196.7	251435		10								
196.7	197.6	251436		10								
197.6	198.6	251437	QVxpy	290								197.4-202.3 - QUARTZ VEIN/BRECCIA ZONE - sandstone
												with 30-40% quartz veins (up to 5 cm.) and breccia. 1-15%
												pyrite in quartz veins, trace arsenopyrite.
												197.6-198.4 - sandstone, grey, medium grained
												198.4-198.5 - coarse feldspar porphyry.
												198.5-198.6 - sandstone
198.6	199.3	251438		330								Black carbonaceous injections at ,199.1-199.3,
												199.9-199.95
199.3	200.3	251439		60								Quartz veins at 199.3-199.45(20% pyrite), 200.1-200.2
200.3	200.8	251440		200								200.5-200.9,
200.8	201.4	251441		40								
201.4	202.5	251442		70								201.4-201.8 - quartz vein breccia with tr chalcopyrite.
												201.9-202.5 60% sheared quartz vein.
202.5	203.5	251443	SS	20								202.5-205.2 - SILTSTONE - fine grained, dark grey, weakly
203.5	204.5	251444		10								silicified.
204.5	205.2	251445		50								
205.2	206.2	251446	FPs	20								205.2-211.6 - FELDSPAR PORPHYRY - coarse, crowded,
												weakly silicified with white feldspar phenocrysts (75%) in a
210.6	211.6	251447		60								grey matrix. Occasional white quartz veins (up to 1 cm.)
211.6	212.6	251448	SS	800								211.6-214.0 - SILTSTONE - carbonaceous, black, fine-
												grained with 1-5% pyrite.
212.6	214.0	251449		90								212.9-213.6 - quartz vein (2 cm.) parallel to core.
214.0	215.0	1	SD									214.0-217.5 - SANDSTONE - grey, fine-grained with bedding
215.0	216.0	251450		20								at 70-80°. Fine bedding laminations from 216.4-217.5.
216.0	216.5	251351		10								216.25-216.35 - white, vuggy quartz at 40°
216.5	217.5	251352		10								
217.5	218.5	251353		90								
218.5	219.5	251354		20								
219.5	220.8	251355		30								
220.8	222.1	251356		180								

222.1	223.1	251357	FP	10	222.1-226.3 - FELDSPAR PORPHYRY - coarse grained with 60% white feldspar phenocrysts in a grey matrix.
225.3	226.3	251358		10	
226.3	227.3	251359	SS	10	226.3-238.1 - SILTSTONE - grey to black, fine grained, massive to weakly laminated. Bedding laminae at 80°. 1-3% finely disseminated pyrite.
227.3	228.3	251360		10	
228.3	229.3	251361		10	
229.3	230.3	251362		10	229.3-229.5 - carbonaceous, 15% quartz stringers.
230.3	231.3	251363		10	
231.3	232.3	251364		10	231.2-232.8 - 2-5% disseminated pyrite. Local concentrations up to 10%
232.3	233.4	251365		20	232.8-233.4 - sheared , carbonaceous, sandy with 10% white quartz, 5% disseminated pyrite.
233.4	234.4	251366		10	
234.4	235.1	251367		10	
235.1	237.1	251368		10	
237.1	238.1	251369		10	
238.1	244.0	1	SD		238.1-262.3 - SANDSTONE/SILTSTONE - fine to medium grained, massive with some local silty laminations
244.0	245.0	251370		10	
245.0	246.3	251371		10	245.0-246.3 - sheard at 80°, graphitic, 10% quartz.
246.3	247.3	251372		10	
247.3	249.3	251373		10	
249.3	249.8	251374		10	
249.8	250.8	251375		10	
261.3	262.3	251376		20	
262.3	263.1	251377	GPH	20	262.3-263.8 - CARBONACEOUS SHEAR - black, graphitic shear with 40% white quartz stringers. Shearing at 80°.
263.1	263.8	251378		10	
263.8	264.8	251379		10	
263.8	273.3		SD		263.8-279.6 - SANDSTONE - medium to fine grained, massive to weakly bedded with occasional white quartz stringers. Quartz stringers (1-3 cm.) at 265.2, 265.4, 265.8, 266.3, 266.6, 266.9, 267.3,268.95, 269.4, 270.2
273.3	274.3	251380		10	274.5-274.6 - quartz vein at 40°.
274.3	275.3	251381		10	275.0-275.1 - white quartz vein breccia.
275.3	276.3	251382		20	277.0-277.1 - black, carbonaceous.
					275.8-276.1 - black, carbonaceous
278.6	279.6	251383		10	
279.6	280.9	251384	SS/SD	10	279.6-292.3 - SANDSTONE/SILTSTONE - alternating fine graphitic silt and medium grained grey sand.
280.9	281.9	251385		10	279.6-283.8 - black, carbonaceous, with 10% quartz veins weakly sheared with 1-3% pyrite.
281.9	282.4	251386		10	281.9-282.4 - 5% disseminated pyrite
282.4	283.5	251387		10	
283.5	284.5	251388		10	
286.2	287.7	251389		20	
287.7	288.3	251390		10	287.7-288.3 - sheared, black, carbonaceous with 10% quartz. Shearing at 80°.
288.3	289.2	251391		10	

289.2	290.2	251392		10								289.2-291.8 - black, carbonaceous, weakly sheared at 80°
												289.3-289.4 - quartz vein
												290.8-290.85 - quartz vein
290.2	291.2	251393		10								290.5-290.55 - quartz vein
291.2	292.3	251394		10								291.2-291.4 - quartz vein
												292.3 - End of Hole

▸Appendix II - Geochemical / Assay Results
- Detailed Description of Geochemical Procedures

TSL ASSAYERS

Vancouver: 8282 Sherbrooke St,Vancouver, B.C. V5X 4R6
Tel: 604 327-3436 Fax: 604 327-3423

Saskatoon: #2 – 302 48th Street East, Saskatoon, Sask, S7K 6A4
Tel: 306 931-1033 Fax: 306 242-4717

Swastika: 1 Cameron Avenue, Swastika, Ontario, P0K 1T0
Tel: 705 642-3244 Fax: 705 642-3300

ASSAY PROCEDURE FOR Au FIRE ASSAY

Samples are fire assayed using one assay ton sample weight. The samples are fluxed, a silver inquart added and mixed. The assays are fused in batches of 24 assays along with a natural standard and a blank. This batch of 26 assays is carried through the whole procedure as a set. After cupellation the prcious metal beads are transferred into new glassware, dissolved, diluted to volume and mixed.

These aqua regia solutions are analyzed on an atomic absorption spectrometer using a suitable standard set. The natural standard fused along with this set must be within 2 standard deviations of its known or the whole set is re-assayed. Likewise the blank must be less than 0.015 g/tonne.

The top 10% of all assay per page are recheck and reported in duplicate along with the standard and blank.

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Swastika: 1 Cameron Avenue, Swastika, Ontario, P0K 1T0
Tel: 705 642-3244 Fax: 705 642-3300

PROCEDURE FOR Au GEOCHEM FIRE ASSAY

Samples are dried @ 65 C and when dry the Rock & Core samples are crushed on a jaw crusher. The 1/4 inch output of the jaw crusher is put through a secondary roll crusher to reduce it to 1/8 inch. The whole sample is then riffled on a Jones Riffle down to a statistically representative 300 gram sub-sample. This sub-sample is then pulverized on a ring pulverizer to 95% - 150 mesh, rolled and bagged for analysis. The remaining reject from the Jones Riffle is bagged and stored.

Soil and stream sediment samples are screened to - 80 mesh for analysis.

The samples are fluxed, a silver inquart added and mixed. The assays are fused in batches of 24 assays along with a natural standard and a blank. This batch of 26 assays is carried through the whole procedure as a set. After cupellation the precious metal beads are transferred into new glassware, dissolved with aqua regia solution, diluted to volume and mixed.

These resulting solutions are analyzed on an atomic absorption spectrometer using a suitable standard set. The natural standard fused along with this set must be within 2 standard deviations of its known or the whole set is re-assayed.

10% of all assay per page are rechecked, then reported in PPB. The detection limit is 1 PPB.

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Tel: 306 931-1033 Fax: 306 242-4717
Swastika: 1 Cameron Avenue, Swastika, Ontario, P0K 1T0
Tel: 705 642-3244 Fax: 705 642-3300

ANALYTICAL PROCEDURE REPORT FOR ASSESSMENT WORK
PROCEDURE FOR TRACE ELEMENT ICP

Ag, Al, As, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sn, Sr, Th, Ti, U, W, Zn.

0.50 grams for the sample pulp is digested for 2 hours with an 1:3:4 HNO_3:HCl:H_20 mixture. After cooling, the sample is diluted to standard volume.

The solutions are analyzed by computer operated Perkin Elmer Optima 3000, Inductively Coupled Plasma Spectrophotometers.

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Assay Certificate

8V-0528-RA1

Company: **DURFELD GEOLOGICAL**
Project: WATSON BAR
Attn: RUDI DURFELD

Aug-19-98

We *hereby certify* the following Assay of 24 CORE samples submitted Aug-11-98 by C.RUSSELL.

Sample Name	Au-fire g/tonne
293851	0.01
293852	0.01
293853	0.02
293854	0.01
293855	0.01
293856	0.01
293857	0.01
293858	0.02
293859	0.01
293860	0.02
293861	0.24
293862	0.19
293863	0.01
293864	0.03
293865	0.01
293866	0.01
293867	0.02
293868	0.01
293869	0.01
293870	0.01
293871	0.01
293872	0.01
293873	0.02
293874	0.01

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3176 TATLOW ROAD
SMITHERS, B.C., CANADA V0J 2N0
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8V-0528-RA2

Company: **DURFELD GEOLOGICAL**
Project: WATSON BAR
Attn: RUDI DURFELD

Aug-19-98

We *hereby certify* the following Assay of 24 CORE samples submitted Aug-11-98 by C.RUSSELL.

Sample Name	Au-fire g/tonne
293875	1.08
293876	0.02
293877	0.01
293878	0.01
293879	0.02
293880	0.03
293881	0.01
293882	0.02
293883	0.01
293884	0.02
293885	0.01
293886	0.01
293887	0.01
293888	0.01
293889	0.01
293890	0.01
293891	0.01
293892	0.01
293893	0.14
293894	0.02
293895	0.01
293896	0.01
293897	0.01
293898	0.01

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SMITHERS, B.C., CANADA V0J 2N0
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Assay Certificate

8V-0528-RA3

Company: **DURFELD GEOLOGICAL**
Project: WATSON BAR
Attn: RUDI DURFELD

Aug-19-98

We *hereby certify* the following Assay of 24 CORE samples submitted Aug-11-98 by C.RUSSELL.

Sample Name	Au-fire g/tonne
293899	0.02
293900	0.01
294151	0.01
294152	0.01
294154	0.01
294155	0.02
294156	0.01
294157	0.02
294158	0.01
294159	0.01
294160	0.01
294161	0.01
294162	0.01
294163	0.01
294164	0.01
294165	0.01
294166	0.01
294167	0.01
294168	0.02
294169	0.01
294170	0.02
294171	0.01
294172	0.01
294173	0.01

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8V-0528-RA4

Company: **DURFELD GEOLOGICAL**
Project: WATSON BAR
Attn: RUDI DURFELD

Aug-19-98

We *hereby certify* the following Assay of 24 CORE samples submitted Aug-11-98 by C.RUSSELL.

Sample Name	Au-fire g/tonne
294174	0.01
294175	0.18
294176	0.01
294177	0.01
294178	0.01
294179	0.05
294180	0.57
294181	1.80
294182	0.02
294183	0.01
294184	0.03
294185	0.01
294186	0.02
294187	0.04
294188	0.15
294189	0.12
294190	0.01
294191	0.01
294192	0.01
294193	0.01
294194	0.02
294195	0.01
294196	0.01
294197	0.01

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8V-0528-RA5

Company: **DURFELD GEOLOGICAL**
Project: WATSON BAR
Attn: RUDI DURFELD

Aug-19-98

We *hereby certify* the following Assay of 24 CORE samples submitted Aug-11-98 by C.RUSSELL.

Sample Name	Au-fire g/tonne
294198	0.01
294199	0.01
294200	0.08
294251	0.03
294252	0.01
294253	0.01
294254	0.01
294255	0.01
294256	0.01
294257	0.01
294258	0.01
294259	0.02
294260	0.01
294261	0.01
294262	0.01
294263	0.01
294264	0.01
294265	0.01
294266	0.01
294267	0.01
294268	0.02
294269	0.08
294270	0.01
294271	0.01

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8V-0528-RA6

Company: **DURFELD GEOLOGICAL**
Project: WATSON BAR
Attn: RUDI DURFELD

Aug-19-98

We *hereby certify* the following Assay of 5 CORE samples submitted Aug-11-98 by C.RUSSELL.

Sample Name	Au-fire g/tonne
294272	0.01
294273	0.01
294274	0.01
294275	0.02
294276	0.01

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DURFELD GEOLOGICAL
Attention: RUDI DURFELD
Project: WATSON BAR
Sample: CORE

Report No : 8V0528
Date : Aug-19-98

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Hg ppb
293852	<0.2	2.39	80	40	0.5	<5	1.91	<1	21	22	119	5.56	0.09	1.28	470	2	0.03	23	840	<2	5	4	<10	42	<0.01	62	<10	12	89	4	240
293854	<0.2	1.93	30	30	<0.5	<5	2.08	<1	17	33	53	3.80	0.08	1.30	460	<2	0.04	28	630	<2	5	5	<10	41	<0.01	52	<10	8	94	3	195
293856	<0.2	2.35	20	30	0.5	<5	3.53	<1	19	37	79	6.65	0.08	1.43	600	<2	0.03	29	1480	6	5	5	<10	64	0.01	68	<10	11	84	5	210
293858	<0.2	2.10	35	40	<0.5	5	3.91	<1	17	40	79	5.55	0.08	1.32	675	<2	0.03	28	930	6	5	4	<10	66	<0.01	66	<10	9	83	5	225
293860	<0.2	1.76	55	30	<0.5	<5	3.09	<1	13	34	33	3.77	0.10	1.16	700	<2	0.03	19	680	<2	5	2	<10	49	<0.01	41	<10	5	76	3	200
293862	0.2	1.59	555	40	0.5	5	3.06	<1	19	27	112	6.25	0.12	0.86	475	<2	0.02	27	660	30	15	2	<10	107	<0.01	39	<10	6	125	5	290
293864	<0.2	2.29	245	50	0.5	<5	2.10	<1	14	34	40	4.08	0.09	1.32	445	<2	0.03	20	730	<2	5	4	<10	114	<0.01	50	<10	6	89	3	175
293866	<0.2	2.34	50	50	0.5	<5	3.84	<1	14	44	31	3.85	0.07	1.65	700	<2	0.03	24	650	<2	5	5	<10	129	<0.01	63	<10	6	73	3	135
293868	<0.2	2.26	25	40	0.5	<5	3.84	<1	14	41	36	3.65	0.06	1.71	725	<2	0.03	23	570	<2	5	5	<10	121	<0.01	60	<10	7	77	2	110
293870	<0.2	2.40	25	50	0.5	<5	3.51	<1	13	39	32	3.85	0.06	1.69	645	<2	0.03	20	690	<2	<5	5	<10	175	<0.01	70	<10	6	72	3	80
293872	<0.2	2.15	45	50	0.5	<5	4.14	<1	14	40	33	3.36	0.08	1.42	640	<2	0.03	25	640	<2	<5	5	<10	163	<0.01	50	<10	6	73	3	105
293874	<0.2	2.39	105	80	0.5	<5	4.36	<1	14	37	45	3.98	0.10	1.56	750	<2	0.03	25	670	<2	5	4	<10	146	<0.01	50	<10	8	85	3	75
293876	<0.2	2.24	55	90	0.5	<5	1.99	<1	16	46	69	4.31	0.09	1.45	500	<2	0.03	28	1000	<2	5	4	<10	72	0.01	62	<10	7	97	4	105
293878	<0.2	1.97	50	130	<0.5	<5	3.75	<1	16	40	48	4.01	0.07	1.24	655	<2	0.04	22	760	<2	5	4	<10	113	<0.01	59	<10	7	78	3	175
293880	<0.2	2.18	105	70	0.5	<5	3.36	<1	18	34	62	5.09	0.10	1.42	570	<2	0.03	26	920	4	5	4	<10	115	<0.01	59	<10	9	90	4	275
293882	<0.2	2.53	5	80	<0.5	<5	1.57	<1	14	61	26	3.57	0.03	1.66	615	<2	0.37	20	510	<2	<5	4	<10	57	0.04	94	<10	5	65	3	225
293884	12.0	2.71	60	130	<0.5	<5	1.45	<1	17	71	49	4.15	0.05	2.22	745	<2	0.06	28	610	<2	5	5	<10	61	0.07	91	<10	4	86	4	90
293886	<0.2	2.27	35	60	0.5	<5	3.58	<1	17	43	55	5.69	0.13	1.58	660	<2	0.03	29	1210	<2	5	5	<10	129	0.01	68	<10	10	82	4	150
293888	<0.2	2.04	275	70	<0.5	<5	3.83	<1	17	64	48	4.51	0.05	2.15	760	<2	0.05	16	1000	<2	5	8	<10	141	0.03	144	<10	6	62	7	150
293890	<0.2	2.83	20	60	0.5	<5	3.62	<1	17	56	40	5.64	0.08	2.31	870	<2	0.04	29	1480	<2	20	11	<10	245	<0.01	107	<10	11	78	4	415
293892	<0.2	3.31	95	80	<0.5	<5	3.06	<1	20	67	46	6.90	0.08	1.89	775	<2	0.03	33	1070	<2	10	8	<10	165	<0.01	132	<10	9	101	5	840
293894	<0.2	1.16	55	120	0.5	<5	4.79	<1	11	28	27	3.30	0.06	1.15	665	<2	0.04	17	740	2	5	7	<10	292	<0.01	53	<10	7	59	2	315
293896	<0.2	2.01	35	140	0.5	<5	3.41	<1	17	51	51	3.42	0.05	1.39	605	<2	0.04	26	600	<2	5	5	<10	150	0.01	74	<10	7	86	3	115
293898	<0.2	2.42	25	50	0.5	<5	4.52	<1	17	43	51	4.69	0.08	1.66	970	<2	0.03	25	1450	<2	10	7	<10	204	<0.01	72	<10	10	89	4	310
293900	<0.2	2.41	15	60	<0.5	<5	2.81	<1	15	55	42	3.86	0.04	1.95	705	<2	0.04	26	720	<2	<5	7	<10	164	0.03	85	<10	4	79	3	170
294152	<0.2	2.61	20	60	<0.5	<5	2.37	<1	20	72	53	3.90	0.04	2.27	770	<2	0.04	33	700	<2	<5	7	<10	141	0.06	95	<10	5	83	4	140
294155	<0.2	0.91	10	90	<0.5	<5	2.41	<1	4	33	18	1.75	0.19	0.52	420	<2	0.04	4	480	<2	5	2	<10	85	<0.01	14	<10	4	50	3	70
294157	<0.2	2.14	20	60	0.5	<5	4.45	<1	15	50	39	4.90	0.03	1.75	915	<2	0.04	28	580	<2	5	8	<10	140	<0.01	117	<10	11	74	3	105
294159	<0.2	2.15	50	80	0.5	<5	3.31	<1	20	58	70	6.34	0.06	1.58	720	<2	0.04	36	1060	<2	5	8	<10	166	<0.01	141	<10	11	92	4	110
294161	<0.2	2.34	70	220	0.5	<5	2.80	<1	13	47	58	4.62	0.09	1.48	810	<2	0.06	25	1100	<2	<5	5	<10	106	<0.01	89	<10	7	88	4	75

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3
at 95c for 2 hours and diluted to 25ml with D.I.H20.

Signed:

Mineral Environments Laboratories
8282 Sherbrooke St., Vancouver, B.C., V5X 4E8
Tel (604) 327-3436 Fax (604) 327-3423

DURFELD GEOLOGICAL
Attention: RUDI DURFELD
Project: WATSON BAR
Sample: CORE

Report No : 8V0528
Date : Aug-19-98

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Hg ppb
294163	<0.2	2.24	45	50	0.5	<5	1.48	<1	17	43	78	4.68	0.09	1.49	610	<2	0.04	30	1000	<2	<5	6	<10	66	<0.01	71	<10	10	99	3	80
294165	<0.2	2.66	20	40	<0.5	<5	1.49	<1	10	42	21	3.20	0.03	1.61	555	<2	0.65	16	580	<2	5	4	<10	69	0.01	68	<10	6	59	2	55
294167	<0.2	2.86	55	40	0.5	<5	0.87	<1	17	49	63	5.64	0.06	1.93	610	<2	0.05	26	890	<2	5	5	<10	65	0.01	95	<10	10	101	4	80
294169	<0.2	2.11	40	90	<0.5	<5	1.09	<1	14	37	41	4.68	0.08	1.33	605	<2	0.04	19	920	<2	5	4	<10	36	0.01	57	<10	9	87	4	165
294171	<0.2	2.39	35	40	<0.5	<5	1.64	<1	10	40	57	4.68	0.08	1.34	490	<2	0.08	21	1010	<2	5	4	<10	41	<0.01	70	<10	8	87	3	120
294173	<0.2	2.27	35	30	<0.5	<5	2.43	<1	13	64	33	4.01	0.06	1.54	585	<2	0.04	22	650	<2	5	4	<10	48	<0.01	66	<10	5	88	3	125
294175	0.2	1.65	340	60	0.5	5	2.79	<1	19	31	154	6.12	0.14	0.87	670	2	0.03	27	860	24	10	3	<10	38	<0.01	46	<10	7	214	5	145
294177	<0.2	1.96	45	30	<0.5	<5	4.62	<1	12	64	36	3.38	0.07	1.51	830	<2	0.03	23	740	<2	<5	3	<10	84	0.02	54	<10	7	88	2	115
294179	<0.2	1.96	315	80	<0.5	<5	2.51	<1	14	64	40	3.59	0.08	1.45	595	<2	0.03	23	610	<2	5	3	<10	51	<0.01	49	<10	6	93	3	140
294181	2.2	1.10	>10000	20	<0.5	10	1.52	<1	12	85	55	3.57	0.11	0.72	370	<2	0.02	23	630	342	10	2	<10	40	<0.01	30	<10	3	784	3	125
294183	<0.2	2.11	240	430	<0.5	<5	2.54	<1	13	85	25	3.85	0.08	1.46	560	<2	0.03	22	560	<2	5	3	<10	80	0.01	61	<10	5	70	3	80
294185	<0.2	2.02	80	40	<0.5	<5	2.65	<1	11	67	26	3.62	0.10	1.37	550	<2	0.03	20	650	<2	5	3	<10	80	0.01	57	<10	5	73	3	90
294187	<0.2	1.70	185	40	<0.5	<5	2.94	<1	9	60	18	3.13	0.09	1.16	555	<2	0.03	16	600	<2	5	3	<10	78	<0.01	43	<10	5	69	3	100
294189	<0.2	1.81	45	30	<0.5	<5	3.06	<1	10	68	18	3.21	0.10	1.28	580	<2	0.03	17	570	<2	5	3	<10	101	<0.01	45	<10	5	59	3	130
294191	<0.2	1.97	35	80	<0.5	5	5.75	<1	10	69	22	3.61	0.09	1.30	900	<2	0.03	18	650	<2	<5	3	<10	146	<0.01	59	<10	7	58	3	80
294193	<0.2	1.88	35	170	<0.5	<5	3.53	<1	11	71	20	3.36	0.10	1.25	685	<2	0.03	18	670	<2	5	3	<10	89	<0.01	50	<10	6	64	3	90
294195	<0.2	1.92	115	80	0.5	<5	3.05	<1	17	49	56	3.85	0.11	1.24	585	<2	0.03	25	590	<2	5	3	<10	96	<0.01	51	<10	5	93	3	230
294197	<0.2	2.66	60	40	0.5	<5	3.38	<1	22	39	70	5.48	0.09	1.48	755	<2	0.03	31	1110	<2	5	7	<10	94	<0.01	95	<10	6	111	4	160
294199	<0.2	2.07	35	130	0.5	<5	2.44	<1	13	51	31	3.77	0.07	1.41	605	<2	0.03	20	1530	<2	<5	4	<10	79	<0.01	59	<10	7	70	3	90
294251	<0.2	2.22	35	150	0.5	<5	4.02	<1	16	40	72	3.70	0.10	1.58	910	<2	0.03	27	690	<2	<5	4	<10	136	<0.01	55	<10	8	77	3	65
294253	<0.2	2.57	25	70	0.5	<5	2.25	<1	16	46	69	4.40	0.09	1.85	635	<2	0.03	28	810	<2	<5	5	<10	101	<0.01	64	<10	6	96	3	80
294255	<0.2	3.40	20	50	<0.5	<5	3.19	<1	24	81	62	5.37	0.02	3.36	975	<2	0.04	48	950	<2	5	12	<10	109	<0.01	165	<10	9	94	3	235
294257	<0.2	0.31	65	60	0.5	<5	5.57	<1	18	66	46	5.32	0.04	0.80	1120	<2	0.03	35	790	6	<5	8	<10	354	<0.01	121	<10	9	97	4	220
294259	<0.2	0.35	70	70	0.5	<5	2.38	<1	20	62	47	5.38	0.05	0.49	875	<2	0.03	37	660	6	5	9	<10	156	<0.01	101	<10	7	96	4	260
294261	<0.2	2.70	15	80	0.5	<5	3.00	<1	17	70	39	5.37	0.04	2.22	750	<2	0.03	34	1540	<2	5	9	<10	104	<0.01	120	<10	9	88	4	125
294263	<0.2	0.23	30	50	<0.5	<5	2.03	<1	5	39	<1	2.38	0.06	0.44	710	<2	0.04	3	640	6	<5	2	<10	161	<0.01	31	<10	5	55	5	135
294265	<0.2	0.95	100	50	0.5	5	0.61	<1	21	46	60	4.84	0.06	0.61	620	<2	0.04	34	730	4	<5	7	<10	39	<0.01	79	<10	6	98	3	165
294267	<0.2	0.90	570	120	0.5	5	3.95	<1	16	34	52	4.12	0.08	0.76	615	<2	0.03	28	720	<2	10	5	<10	98	<0.01	44	<10	7	77	3	185
294269	<0.2	0.28	6510	80	0.5	<5	3.65	<1	16	24	79	4.53	0.09	0.94	725	<2	0.03	25	660	30	85	5	<10	374	<0.01	39	<10	9	148	3	400
294271	<0.2	1.57	80	220	0.5	<5	2.67	<1	19	40	68	4.46	0.06	1.44	845	<2	0.03	33	820	2	5	7	<10	202	<0.01	71	<10	7	93	3	85

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3
at 95c for 2 hours and diluted to 25ml with D.I.H20.

Signed: _____

Mineral Environments Laboratories
8282 Sherbrooke St., Vancouver, B.C., V5X 4E8
Tel (604) 327-3436 Fax (604) 327-3423

DURFELD GEOLOGICAL
Attention: RUDI DURFELD
Project: WATSON BAR
Sample: CORE

Report No : 8V0528
Date : Aug-19-98

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Hg ppb
294273	<0.2	2.73	35	1040	<0.5	<5	3.14	<1	16	63	44	4.97	0.03	2.35	830	<2	0.04	37	770	<2	<5	8	<10	121	<0.01	120	<10	7	90	3	65
294275	<0.2	2.19	50	70	<0.5	<5	3.57	<1	19	17	118	4.88	0.08	1.18	705	<2	0.04	23	500	<2	5	6	<10	156	<0.01	54	<10	8	89	3	95

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H20.

Signed:_____

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TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, BC, CANADA V0J 2N0
TELEPHONE (250) 847-3004
FAX (250) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

8V-0541-PA1

Company: **DURFELD GEORLOGICAL**
Project: W.B.
Attn: RUDI DURFELD

Sep-15-98

We *hereby certify* the following Assay of 1 CORE sample submitted Aug-14-98 by RUDI DURFELDS.

Sample Name	Au-fire g/tonne
294283-A	1.35

Certified by _____

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Quality Assaying for over 25 Years

Assay Certificate

8V-0541-RA1

Company: **DURFELD GEORLOGICAL**
Project: W.B.
Attn: RUDI DURFELD

Aug-19-98

We *hereby certify* the following Assay of 24 CORE samples submitted Aug-14-98 by RUDI DURFELDS.

Sample Name	Au-fire g/tonne
293901	0.01
293902	0.01
293903	0.01
293904	0.01
293905	0.01
293906	0.01
293908	0.01
293909	0.01
293910	0.01
293911	0.03
293912	0.19
293913	0.04
293914	0.02
293915	0.02
293916	0.37
293917	0.06
293918	0.24
293919	0.03
293920	0.03
293921	0.03
293922	0.01
293923	0.02
293924	0.02
293925	0.01

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8282 SHERBROOKE STREET
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TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, BC, CANADA V0J 2N0
TELEPHONE (250) 847-3004
FAX (250) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

8V-0541-RA2

Company: **DURFELD GEORLOGICAL**
Project: W.B.
Attn: RUDI DURFELD

Aug-19-98

We *hereby certify* the following Assay of 24 CORE samples submitted Aug-14-98 by RUDI DURFELDS.

Sample Name	Au-fire g/tonne
293926	0.01
293927	0.02
293928	0.11
293929	0.03
293930	0.05
293931	0.04
293932	0.01
293933	0.47
293934	0.21
293935	0.03
293936	0.02
293937	0.02
293938	0.01
293939	0.01
293940	0.01
293941	0.01
293942	0.01
293943	0.01
293944	0.01
293945	0.01
293946	0.01
293947	0.40
293948	0.03
293949	0.81

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TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, BC, CANADA V0J 2N0
TELEPHONE (250) 847-3004
FAX (250) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

8V-0541-RA3

Company: **DURFELD GEORLOGICAL**
Project: W.B.
Attn: RUDI DURFELD

Aug-19-98

We *hereby certify* the following Assay of 24 CORE samples submitted Aug-14-98 by RUDI DURFELDS.

Sample Name	Au-fire g/tonne
293950	0.28
293951	0.06
293952	0.01
293953	0.01
293954	0.01
293955	0.04
293956	0.01
293957	0.14
293958	0.13
293959	0.14
293960	0.14
293961	0.20
293962	0.04
293963	0.02
293964	0.01
293965	0.01
293966	0.01
293967	0.01
293968	0.01
293969	0.01
293970	0.01
293971	0.01
293972	0.01
293973	0.01

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FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, BC, CANADA V0J 2N0
TELEPHONE (250) 847-3004
FAX (250) 847-3005

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Assay Certificate

8V-0541-RA4

Company: **DURFELD GEORLOGICAL**
Project: W.B.
Attn: RUDI DURFELD

Aug-19-98

We *hereby certify* the following Assay of 24 CORE samples submitted Aug-14-98 by RUDI DURFELDS.

Sample Name	Au-fire g/tonne
293974	0.01
293975	0.01
293976	0.01
293977	0.01
293978	0.01
293979	0.01
293980	0.01
293981	0.01
293982	0.04
293983	0.03
293984	0.01
293985	0.01
293986	0.01
293987	0.01
293988	0.01
293989	0.01
293990	0.01
293991	0.02
293992	0.02
293993	0.01
293994	0.01
293995	0.02
293996	0.01
293997	0.01

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TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, BC, CANADA V0J 2N0
TELEPHONE (250) 847-3004
FAX (250) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

8V-0541-RA5

Company: **DURFELD GEORLOGICAL**
Project: W.B.
Attn: RUDI DURFELD

Aug-19-98

We *hereby certify* the following Assay of 24 CORE samples submitted Aug-14-98 by RUDI DURFELDS.

Sample Name	Au-fire g/tonne
293998	0.01
293999	0.01
294000	0.01
294277	0.04
294278	0.11
294279	0.38
294280	1.10
294281	0.40
294282	1.45
294283	0.54
294284	2.64
294285	6.67
294286	0.07
294287	0.01
294288	0.01
294289	0.01
294290	0.01
294291	0.01
294292	0.01
294293	0.01
294294	0.01
294295	0.01
294296	0.01
294297	0.01

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8282 SHERBROOKE STREET
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TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, BC, CANADA V0J 2N0
TELEPHONE (250) 847-3004
FAX (250) 847-3005

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Assay Certificate

8V-0541-RA6

Company: **DURFELD GEORLOGICAL**
Project: W.B.
Attn: RUDI DURFELD

Aug-19-98

We *hereby certify* the following Assay of 24 CORE samples submitted Aug-14-98 by RUDI DURFELDS.

Sample Name	Au-fire g/tonne
294298	0.01
294299	0.01
294300	0.01
294301	0.01
294302	0.01
294303	0.01
294304	0.01
294305	0.01
294306	0.01
294307	0.01
294308	0.01
294309	0.02
294310	0.01
294311	0.01
294312	0.01
294313	0.01
294314	0.01
294315	0.01
294316	0.01
294317	0.01
294318	0.04
294319	0.06
294320	0.01
294321	0.01

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VANCOUVER, BC, CANADA V5X 4E8
TELEPHONE (604) 327-3436
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SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, BC, CANADA V0J 2N0
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FAX (250) 847-3005

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Assay Certificate

8V-0541-RA7

Company: **DURFELD GEORLOGICAL**
Project: W.B.
Attn: RUDI DURFELD

Aug-19-98

We *hereby certify* the following Assay of 24 CORE samples submitted Aug-14-98 by RUDI DURFELDS.

Sample Name	Au-fire g/tonne
294322	0.02
294323	0.01
294324	0.01
294325	0.01
294326	0.01
294327	0.01
294328	0.01
294329	0.01
294330	0.01
294331	0.01
294332	0.01
294333	0.01
294334	0.02
294335	0.01
294336	0.01
294337	0.01
294338	0.01
294339	0.01
294340	0.01
294341	0.01
294342	0.01
294343	0.01
294344	0.01
294345	0.01

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8282 SHERBROOKE STREET
VANCOUVER, BC, CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, BC, CANADA V0J 2N0
TELEPHONE (250) 847-3004
FAX (250) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

8V-0541-RA8

Company: **DURFELD GEORLOGICAL**
Project: W.B.
Attn: RUDI DURFELD

Aug-19-98

We *hereby certify* the following Assay of 3 CORE samples submitted Aug-14-98 by RUDI DURFELDS.

Sample Name	Au-fire g/tonne
294346	0.01
294347	0.01
294348	0.01

Certified by _____

Min-En Laboratories

Mineral Environments Laboratories
8282 Sherbrooke St., Vancouver, B.C., V5X 4E8
Tel (604) 327-3436 Fax (604) 327-3423

DURFELD GEORLOGICAL
Attention: RUDI DURFELD
Project: W.B.
Sample: CORE

Report No : 8V0541
Date : Aug-19-98

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Hg ppb
293902	<0.2	2.58	35	150	<0.5	<5	1.41	<1	19	43	67	4.32	0.16	1.30	450	<2	0.14	28	560	<2	<5	5	<10	153	0.14	58	<10	7	91	10	175
293904	<0.2	2.45	20	400	<0.5	<5	1.94	<1	15	75	37	4.48	0.06	1.65	670	<2	0.06	26	950	4	<5	6	<10	114	0.08	92	<10	7	86	8	105
293906	<0.2	2.05	20	60	<0.5	<5	2.25	<1	13	47	33	3.91	0.09	1.32	675	<2	0.09	19	690	2	5	3	<10	147	0.03	54	<10	7	79	5	115
293909	<0.2	2.64	25	120	0.5	<5	3.28	<1	15	43	71	4.17	0.15	1.85	695	<2	0.08	29	1020	<2	5	5	<10	144	0.01	63	<10	8	90	4	45
293911	<0.2	2.08	75	120	0.5	<5	3.56	<1	16	67	44	4.38	0.15	1.38	615	14	0.07	27	940	8	10	4	<10	144	0.01	54	<10	7	78	4	155
293913	0.2	2.21	50	110	0.5	<5	6.21	<1	14	46	40	3.72	0.15	1.50	1140	<2	0.06	22	720	<2	5	4	<10	195	0.01	51	<10	11	70	4	115
293915	<0.2	2.24	30	100	<0.5	<5	2.58	<1	17	65	30	3.44	0.11	1.51	610	<2	0.06	27	480	2	5	3	<10	119	<0.01	53	<10	5	75	3	125
293917	0.2	2.14	65	100	0.5	<5	2.78	<1	15	49	43	4.03	0.15	1.38	595	<2	0.06	25	960	2	10	4	<10	147	0.01	51	<10	6	77	4	150
293919	<0.2	2.40	15	100	0.5	<5	2.16	<1	13	63	37	3.37	0.10	1.63	585	<2	0.08	21	620	<2	<5	4	<10	123	0.01	62	<10	5	69	3	95
293921	<0.2	2.69	70	110	0.5	<5	1.89	<1	17	57	60	5.27	0.17	1.68	600	<2	0.11	31	900	<2	5	5	<10	166	0.01	69	<10	8	89	4	110
293923	<0.2	2.65	10	70	<0.5	<5	2.17	<1	17	72	50	4.11	0.07	2.06	700	<2	0.08	30	950	<2	<5	6	<10	97	0.11	83	<10	5	82	6	30
293925	<0.2	2.07	5	100	<0.5	<5	3.37	<1	13	71	25	3.41	0.05	1.45	620	<2	0.08	22	520	<2	<5	5	<10	105	0.07	70	<10	6	62	5	65
293927	<0.2	0.47	380	100	<0.5	<5	2.77	<1	7	23	10	2.65	0.08	1.12	615	<2	0.03	9	670	8	5	4	<10	129	<0.01	44	<10	6	72	6	155
293929	<0.2	0.33	1875	430	<0.5	<5	4.72	<1	6	24	8	3.03	0.09	1.51	935	<2	0.02	6	400	8	20	3	<10	134	<0.01	24	<10	6	125	5	250
293931	<0.2	0.38	1845	130	<0.5	<5	2.96	<1	7	32	25	2.22	0.13	0.89	590	<2	0.02	8	680	8	15	3	<10	82	<0.01	19	<10	5	383	5	195
293933	0.6	0.24	>10000	470	<0.5	<5	4.31	<1	6	55	115	3.52	0.14	1.24	770	<2	0.02	6	400	114	125	2	<10	135	<0.01	15	<10	5	1658	5	880
293935	<0.2	0.53	220	310	0.5	<5	3.81	<1	22	102	41	5.39	0.03	2.81	865	<2	0.04	64	990	4	10	12	<10	252	<0.01	132	<10	8	88	5	130
293937	<0.2	0.76	130	120	0.5	<5	2.12	<1	21	44	42	5.38	0.07	1.55	595	<2	0.06	42	640	8	10	9	<10	182	<0.01	115	<10	6	99	4	185
293939	<0.2	0.40	230	40	0.5	<5	2.24	<1	16	21	58	5.35	0.13	1.04	470	2	0.04	28	540	8	<5	5	<10	160	<0.01	42	<10	9	81	4	450
293941	<0.2	0.47	60	50	0.5	<5	3.03	<1	17	18	60	5.17	0.15	1.24	460	<2	0.05	33	890	14	<5	5	<10	245	<0.01	44	<10	11	76	4	275
293943	<0.2	0.95	55	40	<0.5	<5	2.50	<1	17	32	65	4.25	0.11	1.37	650	<2	0.05	30	1380	<2	<5	6	<10	139	0.01	60	<10	12	86	4	85
293945	<0.2	0.76	55	40	<0.5	<5	2.12	<1	14	34	40	4.05	0.09	1.07	560	<2	0.05	22	620	8	<5	5	<10	158	<0.01	51	<10	7	67	4	80
293947	0.8	0.38	4540	50	0.5	5	3.73	<1	19	21	73	4.25	0.19	1.36	580	<2	0.04	29	560	80	5	3	<10	295	<0.01	30	<10	7	148	4	150
293949	<0.2	0.22	>10000	170	<0.5	<5	3.02	<1	8	101	18	3.06	0.11	1.23	665	<2	0.03	16	330	16	5	1	<10	222	<0.01	19	<10	5	35	3	50
293951	<0.2	0.40	440	40	0.5	<5	2.32	<1	16	32	71	3.87	0.16	1.25	610	<2	0.04	25	640	8	5	4	<10	213	<0.01	42	<10	6	86	4	105
293953	<0.2	1.08	35	40	0.5	<5	3.67	<1	16	35	49	3.90	0.11	1.91	660	<2	0.05	27	800	4	<5	6	<10	307	<0.01	53	<10	7	73	3	65
293955	<0.2	0.97	20	160	<0.5	<5	4.12	<1	12	39	30	3.55	0.09	1.43	830	<2	0.06	19	620	4	<5	6	<10	298	<0.01	58	<10	8	63	3	120
293957	5.8	0.40	5045	50	0.5	10	3.75	<1	16	18	319	2.84	0.21	1.26	510	<2	0.04	23	800	524	5	3	<10	240	<0.01	20	<10	7	938	3	420
293959	0.2	0.94	2835	30	<0.5	<5	4.15	<1	13	54	82	2.98	0.18	1.25	860	<2	0.03	22	530	34	5	2	<10	180	<0.01	30	<10	6	112	3	125
293961	5.0	0.80	7665	40	<0.5	15	2.87	<1	11	49	235	2.60	0.18	0.76	550	<2	0.03	20	950	590	5	2	<10	136	<0.01	22	<10	7	549	3	200

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H20.

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Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Hg ppb
293963	<0.2	1.46	1215	60	<0.5	<5	2.21	<1	14	52	44	3.50	0.20	1.58	855	<2	0.04	25	660	<2	5	3	<10	142	<0.01	50	<10	6	75	3	100
293965	<0.2	0.91	20	120	0.5	<5	4.20	<1	12	50	26	3.50	0.09	1.88	725	<2	0.06	21	700	2	5	7	<10	332	<0.01	87	<10	9	61	3	105
293967	<0.2	0.46	55	50	0.5	<5	2.34	<1	17	33	50	4.46	0.12	1.83	640	<2	0.06	31	900	6	<5	8	<10	258	<0.01	68	<10	10	81	4	125
293969	<0.2	2.89	30	140	<0.5	<5	3.07	<1	19	68	60	4.83	0.05	2.41	805	<2	0.06	32	990	<2	5	8	<10	241	0.01	100	<10	9	80	3	125
293971	<0.2	3.04	5	50	<0.5	<5	1.74	<1	16	81	29	5.78	0.06	2.22	830	<2	0.06	29	290	<2	5	7	<10	111	0.01	132	<10	7	82	4	85
293973	<0.2	2.84	<5	430	<0.5	<5	1.37	<1	18	49	59	3.93	0.10	1.91	640	<2	0.46	30	620	<2	5	5	<10	142	0.11	73	<10	7	87	6	90
293975	<0.2	2.71	<5	400	<0.5	<5	2.10	<1	15	91	18	4.73	0.06	1.88	715	<2	0.12	24	500	<2	<5	6	<10	121	0.08	108	<10	5	74	5	120
293977	<0.2	2.42	10	190	<0.5	<5	2.98	<1	18	64	37	4.56	0.13	1.50	910	<2	0.21	24	1020	<2	5	6	<10	102	0.19	69	<10	8	83	13	105
293979	<0.2	2.59	35	160	<0.5	<5	2.69	<1	23	48	51	6.24	0.16	1.62	670	<2	0.10	30	220	6	10	5	<10	202	0.15	69	<10	7	88	9	375
293981	<0.2	2.65	25	150	<0.5	<5	2.50	<1	17	67	57	4.16	0.07	2.14	650	<2	0.09	31	810	<2	5	7	<10	168	0.01	85	<10	7	81	3	110
293983	<0.2	2.57	30	150	<0.5	<5	3.40	<1	17	76	46	4.08	0.08	2.01	705	<2	0.09	29	720	<2	5	6	<10	185	0.01	80	<10	8	71	3	125
293985	<0.2	2.56	10	140	<0.5	<5	2.96	<1	14	86	26	3.64	0.04	2.10	795	<2	0.10	25	470	10	<5	8	<10	156	0.01	93	<10	9	92	3	75
293987	<0.2	2.69	25	140	<0.5	<5	3.21	<1	14	68	38	3.71	0.06	1.94	725	<2	0.09	25	480	2	5	6	<10	184	<0.01	83	<10	9	147	3	90
293989	<0.2	3.06	35	130	0.5	<5	2.47	<1	21	99	21	4.48	0.08	2.38	615	<2	0.08	47	630	<2	5	7	<10	155	<0.01	106	<10	8	79	3	95
293991	<0.2	2.95	100	130	<0.5	<5	2.44	<1	33	153	307	5.49	0.05	2.40	565	<2	0.09	63	800	2	5	9	<10	154	0.01	125	<10	8	80	4	155
293993	<0.2	3.76	60	100	<0.5	<5	1.45	<1	33	211	57	5.58	0.06	3.38	605	<2	0.08	100	1080	<2	5	11	<10	99	0.01	136	<10	6	99	4	95
293995	0.2	1.66	55	210	<0.5	<5	7.10	<1	21	34	356	3.68	0.15	0.89	525	<2	0.12	21	890	8	10	4	<10	290	<0.01	42	<10	12	53	3	210
293997	<0.2	2.65	<5	400	<0.5	<5	2.77	<1	15	82	35	4.23	0.05	1.98	735	<2	0.09	25	500	<2	<5	7	<10	155	0.08	117	<10	7	74	6	95
293999	<0.2	2.42	5	170	<0.5	<5	2.53	<1	15	61	37	3.89	0.07	1.73	675	<2	0.10	23	720	<2	5	6	<10	150	0.13	93	<10	6	79	9	115
294277	1.2	1.72	1460	40	<0.5	10	1.96	<1	17	41	168	4.44	0.14	1.14	540	<2	0.06	25	880	114	5	3	<10	118	<0.01	42	<10	7	446	4	240
294279	5.8	1.93	>10000	40	<0.5	45	1.12	<1	24	56	371	4.81	0.14	1.35	570	<2	0.03	37	890	334	10	3	<10	48	<0.01	63	<10	4	2096	4	295
294281	2.2	1.73	>10000	50	<0.5	10	1.16	<1	18	49	613	4.67	0.18	1.28	480	<2	0.04	29	630	114	5	2	<10	69	<0.01	39	<10	3	951	5	285
294283	2.2	1.66	>10000	40	<0.5	15	1.38	<1	15	66	201	4.61	0.15	1.25	500	<2	0.03	25	700	138	10	2	<10	63	<0.01	43	<10	4	1078	4	300
294285	21.2	0.76	>10000	60	<0.5	80	2.91	<1	9	63	227	5.05	0.11	0.39	410	<2	0.04	16	630	2654	25	2	<10	97	<0.01	26	10	5	2677	4	1720
294287	<0.2	3.52	85	60	<0.5	<5	1.89	<1	20	37	82	6.60	0.05	1.74	675	<2	0.06	27	650	<2	<5	9	<10	105	<0.01	113	<10	7	130	4	110
294289	<0.2	3.13	35	50	<0.5	<5	2.93	<1	16	42	82	4.91	0.07	2.00	940	<2	0.06	27	950	<2	5	9	<10	153	<0.01	104	<10	7	96	3	80
294291	<0.2	2.46	30	70	<0.5	<5	3.80	<1	16	65	41	4.20	0.07	1.64	845	<2	0.05	30	910	<2	<5	7	<10	151	0.01	82	<10	7	81	3	105
294293	<0.2	3.33	10	70	<0.5	<5	5.02	<1	19	54	88	5.80	0.07	1.85	1980	<2	0.05	31	1790	<2	<5	7	<10	141	<0.01	102	<10	9	88	4	95
294295	<0.2	3.29	15	360	<0.5	<5	1.14	<1	22	29	114	6.55	0.09	1.54	705	<2	0.15	26	770	<2	5	6	<10	200	0.05	108	<10	10	93	7	105
294297	<0.2	0.40	30	410	<0.5	<5	2.97	<1	4	47	15	1.70	0.20	0.56	470	2	0.04	5	440	4	<5	1	<10	191	<0.01	12	<10	4	50	6	115

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3
at 95c for 2 hours and diluted to 25ml with D.I.H20.

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294299	<0.2	1.74	5	60	0.5	<5	1.50	<1	17	45	61	5.15	0.12	1.54	785	<2	0.05	30	860	<2	<5	6	<10	130	<0.01	74	<10	11	90	4	190
294301	<0.2	2.44	5	360	<0.5	<5	2.22	<1	13	54	32	3.85	0.07	1.79	580	<2	0.06	21	700	<2	<5	5	<10	112	0.01	78	<10	7	73	3	170
294303	<0.2	3.67	10	70	0.5	<5	1.76	<1	19	67	68	5.56	0.07	3.04	970	<2	0.07	32	1210	<2	5	11	<10	102	0.01	128	<10	9	106	4	105
294305	<0.2	0.47	50	190	0.5	<5	1.62	<1	6	18	17	2.58	0.05	0.70	745	<2	0.04	3	650	8	<5	3	<10	114	<0.01	33	<10	6	77	4	520
294307	<0.2	0.44	30	220	0.5	<5	2.10	<1	18	42	35	4.44	0.05	1.51	635	<2	0.04	30	520	4	5	9	<10	187	<0.01	107	<10	8	75	4	300
294309	<0.2	0.36	25	110	<0.5	<5	3.06	<1	13	13	57	4.33	0.18	0.95	460	2	0.02	21	320	10	5	2	<10	172	<0.01	24	<10	7	56	3	290
294311	<0.2	0.40	50	600	<0.5	<5	2.44	<1	7	27	12	2.63	0.09	1.00	570	<2	0.04	8	590	8	5	3	<10	140	<0.01	40	<10	6	58	5	285
294313	<0.2	0.40	195	170	0.5	<5	3.88	<1	13	24	41	3.71	0.12	1.98	585	2	0.03	23	410	6	5	5	<10	203	<0.01	58	<10	8	70	3	190
294315	<0.2	0.43	90	110	0.5	<5	4.40	<1	17	61	27	5.16	0.03	2.07	990	<2	0.03	33	430	4	5	13	<10	277	<0.01	138	<10	11	79	4	170
294317	<0.2	0.37	35	100	0.5	<5	4.30	<1	12	22	20	3.45	0.14	2.09	760	<2	0.03	17	430	4	5	4	<10	338	<0.01	35	<10	7	72	3	145
294319	<0.2	0.39	3585	90	0.5	<5	3.84	<1	13	25	38	3.77	0.08	1.69	720	<2	0.03	15	590	22	45	5	<10	203	<0.01	57	<10	7	391	3	4460
294321	<0.2	0.49	205	60	0.5	<5	3.39	<1	12	36	29	3.97	0.07	1.61	780	<2	0.03	21	560	2	5	6	<10	197	<0.01	69	<10	8	68	4	285
294323	<0.2	1.90	30	270	<0.5	<5	2.12	<1	14	55	35	4.34	0.05	2.00	745	<2	0.11	21	720	6	<5	9	<10	152	0.01	87	<10	10	70	3	125
294325	<0.2	0.95	110	80	0.5	<5	3.21	<1	15	39	38	4.76	0.10	1.37	710	4	0.04	19	800	12	5	5	<10	151	<0.01	57	<10	9	84	4	240
294327	<0.2	1.50	85	50	0.5	<5	2.41	<1	17	45	47	5.03	0.11	1.50	620	2	0.07	24	1400	10	5	7	<10	133	<0.01	74	<10	10	92	4	145
294329	<0.2	0.31	5515	40	0.5	<5	4.24	<1	15	21	48	4.46	0.09	0.97	425	2	0.02	21	680	20	75	5	<10	166	<0.01	28	<10	8	89	4	325
294331	<0.2	0.67	875	160	0.5	<5	3.92	<1	14	27	35	4.26	0.08	1.44	570	2	0.03	17	750	14	20	6	<10	194	<0.01	55	<10	9	85	4	180
294333	<0.2	0.29	160	180	<0.5	<5	3.49	<1	7	37	9	2.76	0.07	1.58	595	<2	0.04	7	660	10	<5	2	<10	185	<0.01	29	<10	5	50	4	300
294335	<0.2	0.66	115	120	<0.5	<5	4.05	<1	15	44	49	4.66	0.06	1.81	770	<2	0.04	26	810	10	5	8	<10	219	<0.01	84	<10	8	73	4	100
294337	<0.2	0.32	50	160	<0.5	<5	4.30	<1	4	59	2	2.26	0.13	1.43	580	<2	0.04	5	380	8	<5	2	<10	266	<0.01	21	<10	5	38	4	160
294339	<0.2	0.46	2275	50	0.5	<5	3.74	<1	18	42	52	3.48	0.08	1.55	620	<2	0.03	34	580	10	75	5	<10	182	<0.01	53	<10	7	81	3	19400
294341	<0.2	0.42	535	90	0.5	<5	3.53	<1	16	46	46	4.46	0.08	1.88	920	<2	0.04	32	630	12	15	6	<10	191	<0.01	71	<10	8	75	4	1230
294343	<0.2	0.44	110	290	0.5	<5	2.39	<1	17	44	48	4.11	0.13	1.64	680	<2	0.04	28	300	10	5	7	<10	201	<0.01	58	<10	8	76	3	110
294345	<0.2	0.41	115	40	0.5	<5	3.85	<1	12	47	28	3.79	0.07	2.06	815	<2	0.04	20	480	10	5	7	<10	277	<0.01	60	<10	9	61	3	255
294347	<0.2	0.72	45	50	0.5	<5	2.34	<1	17	31	73	4.98	0.08	2.02	700	<2	0.04	25	1010	12	<5	7	<10	253	<0.01	65	<10	10	89	4	135

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3
at 95c for 2 hours and diluted to 25ml with D.I.H20.

Signed:_____

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FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, BC, CANADA V0J 2N0
TELEPHONE (250) 847-3004
FAX (250) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

8V-0564-RA1

Company: **DURFELD GEORLOGICAL**
Project: W.B.
Attn: RUDI DURFELD

Aug-28-98

We *hereby certify* the following Assay of 24 CORE samples submitted Aug-25-98 by RUDI DURFELD.

Sample Name	Au-fire g/tonne
251513	0.02
251514	0.02
251515	0.02
251516	0.03
251517	0.08
251518	0.02
251519	0.08
251520	0.01
251521	0.01
251522	0.02
251523	0.01
251524	0.01
251525	0.01
251526	0.02
251527	0.01
251528	0.01
251529	0.01
251530	0.01
251531	0.01
251532	0.01
251533	0.01
251534	0.01
251535	0.02
251536	0.02

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3176 TATLOW ROAD
SMITHERS, BC, CANADA V0J 2N0
TELEPHONE (250) 847-3004
FAX (250) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

8V-0564-RA2

Company: **DURFELD GEORLOGICAL**
Project: W.B.
Attn: RUDI DURFELD

Aug-28-98

We *hereby certify* the following Assay of 24 CORE samples submitted Aug-25-98 by RUDI DURFELD.

Sample Name	Au-fire g/tonne
251537	0.01
251538	0.02
251539	0.01
251540	0.01
251541	0.02
251542	0.01
251543	0.01
251544	0.01
251545	0.01
251546	0.02
251547	0.01
251548	0.01
251549	0.01
251550	0.01
251551	0.01
251552	0.01
251553	0.01
251554	0.01
251555	0.01
251556	0.01
251557	0.01
251558	0.01
251559	0.01
251560	0.01

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SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, BC, CANADA V0J 2N0
TELEPHONE (250) 847-3004
FAX (250) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

8V-0564-RA3

Company: **DURFELD GEORLOGICAL**
Project: W.B.
Attn: RUDI DURFELD

Aug-28-98

We *hereby certify* the following Assay of 24 CORE samples submitted Aug-25-98 by RUDI DURFELD.

Sample Name	Au-fire g/tonne
251561	0.01
251562	0.01
251563	0.01
251564	0.01
251565	0.01
251566	0.01
251567	0.02
251568	0.02
251569	0.01
251570	0.01
294349	0.01
294350	0.02
294351	0.01
294352	0.01
294353	0.01
294354	0.01
294355	0.02
294356	0.01
294357	0.01
294358	0.01
294359	0.02
294360	0.01
294361	0.02
294362	0.01

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SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, BC, CANADA V0J 2N0
TELEPHONE (250) 847-3004
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Quality Assaying for over 25 Years

Assay Certificate

8V-0564-RA4

Company: **DURFELD GEORLOGICAL**
Project: W.B.
Attn: RUDI DURFELD

Aug-28-98

We *hereby certify* the following Assay of 24 CORE samples submitted Aug-25-98 by RUDI DURFELD.

Sample Name	Au-fire g/tonne
294363	0.01
294364	0.02
294365	0.02
294366	0.01
294367	0.01
294368	0.01
294369	0.03
294370	0.02
294371	0.01
294372	0.01
294373	0.01
294374	0.01
294375	0.01
294376	0.01
294377	0.01
294378	0.01
294379	0.01
294380	0.01
294381	0.01
294382	0.02
294383	0.21
294384	0.03
294385	0.01
294386	0.01

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SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, BC, CANADA V0J 2N0
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Quality Assaying for over 25 Years

Assay Certificate

8V-0564-RA5

Company: **DURFELD GEORLOGICAL**
Project: W.B.
Attn: RUDI DURFELD

Aug-28-98

We *hereby certify* the following Assay of 24 CORE samples submitted Aug-25-98 by RUDI DURFELD.

Sample Name	Au-fire g/tonne
294387	0.01
294388	0.02
294389	0.01
294390	0.01
294391	0.01
294392	0.01
294393	0.01
294394	0.12
294395	0.11
294396	0.01
294397	0.01
294398	0.02
294399	0.01
294400	0.01
294401 = 251501	0.01
294402 = 251502	0.01
294403 = 251503	0.01
294404 = 251504	0.02
294405 = 251505	0.01
294406 = 251506	0.01
294407 = 251507	0.01
294408 = 251508	0.01
294409 = 251509	0.01
294410 EMPTY BAG	

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SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, BC, CANADA V0J 2N0
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FAX (250) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

8V-0564-RA6

Company: **DURFELD GEORLOGICAL**
Project: W.B.
Attn: RUDI DURFELD

Aug-28-98

We *hereby certify* the following Assay of 2 CORE samples submitted Aug-25-98 by RUDI DURFELD.

Sample Name	Au-fire g/tonne
294411 = 251511	0.01
294412 = 251512	0.02

Certified by _____

Min-En Laboratories

Mineral Environments Laboratories
8282 Sherbrooke St., Vancouver, B.C., V5X 4E8
Tel (604) 327-3436 Fax (604) 327-3423

Report No : **8V0564**
Date : Aug-28-98

DURFELD GEORLOGICAL
Attention: RUDI DURFELD
Project: W.B.
Sample: CORE

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Hg ppb
251514	<0.2	0.65	85	50	0.5	<5	6.55	<1	13	11	71	4.15	0.13	1.41	855	<2	0.02	10	640	4	25	7	<10	436	<0.01	59	<10	8	57	3	510
251516	<0.2	0.67	65	40	0.5	<5	2.96	<1	13	9	8	3.81	0.20	0.60	485	<2	0.02	14	1030	6	5	10	<10	65	<0.01	50	<10	7	48	3	240
251518	<0.2	0.84	270	90	0.5	5	0.77	<1	31	12	159	6.55	0.18	0.15	410	2	0.03	32	600	<2	5	4	<10	48	<0.01	44	<10	7	99	4	210
251520	<0.2	2.07	210	70	0.5	<5	2.70	<1	25	43	86	6.07	0.09	0.82	720	2	0.02	30	730	<2	5	15	<10	98	<0.01	161	<10	8	104	4	420
251522	<0.2	1.21	90	30	<0.5	<5	8.83	<1	19	44	44	5.18	0.03	2.08	860	<2	0.02	22	1710	<2	5	14	<10	600	<0.01	136	<10	8	73	3	605
251524	<0.2	0.95	50	110	<0.5	<5	11.16	<1	14	31	31	4.20	0.14	2.49	1755	<2	0.02	17	1390	<2	5	10	<10	674	0.01	89	<10	6	55	3	365
251526	<0.2	3.09	<5	160	<0.5	<5	2.59	<1	21	60	65	5.84	0.27	2.48	655	<2	0.07	27	670	<2	5	14	<10	135	0.02	166	<10	7	87	4	195
251528	<0.2	3.15	5	40	<0.5	<5	3.05	<1	16	42	37	4.50	0.03	2.01	680	<2	0.20	23	710	<2	5	7	<10	142	0.08	108	<10	5	81	4	70
251530	<0.2	3.16	10	880	<0.5	<5	3.82	<1	18	49	38	5.41	0.05	2.53	850	<2	0.08	30	1440	<2	<5	8	<10	135	0.01	127	<10	7	90	4	80
251532	<0.2	3.32	10	70	0.5	<5	3.75	<1	18	52	72	4.81	0.09	1.89	695	<2	0.15	29	430	<2	5	8	<10	199	<0.01	142	<10	6	90	3	85
251534	<0.2	3.17	50	910	0.5	<5	3.27	<1	20	53	70	5.58	0.13	2.05	840	<2	0.06	33	1320	<2	<5	9	<10	145	<0.01	157	<10	6	100	4	75
251536	<0.2	2.53	35	340	0.5	<5	3.93	<1	17	20	70	4.69	0.15	1.16	655	<2	0.04	19	2020	<2	5	8	<10	116	<0.01	103	<10	8	91	3	70
251538	<0.2	1.46	210	280	0.5	<5	6.38	<1	16	9	87	2.74	0.26	0.42	510	<2	0.03	18	810	<2	10	4	<10	154	<0.01	35	<10	9	71	2	90
251540	<0.2	1.02	15	90	<0.5	<5	1.59	<1	7	40	47	1.27	0.21	0.38	250	<2	0.06	10	500	<2	<5	1	<10	65	<0.01	13	<10	6	33	2	115
251542	<0.2	4.10	20	100	<0.5	<5	2.63	<1	19	36	93	4.78	0.04	1.95	645	<2	0.32	21	710	<2	<5	9	<10	208	<0.01	143	<10	7	92	3	45
251544	<0.2	3.93	5	40	<0.5	<5	2.29	<1	19	36	80	5.26	0.03	2.39	770	<2	0.28	20	780	<2	<5	9	<10	154	0.01	139	<10	6	95	4	65
251546	<0.2	4.36	<5	80	<0.5	<5	2.62	<1	23	32	86	6.14	0.03	2.50	830	<2	0.28	19	1190	<2	5	13	<10	200	0.07	192	<10	8	101	6	35
251548	<0.2	3.65	45	150	<0.5	<5	5.45	<1	22	27	60	6.55	0.07	2.54	2245	<2	0.06	20	940	<2	5	13	<10	125	0.02	175	<10	8	97	5	40
251550	<0.2	4.19	5	60	<0.5	<5	3.97	<1	16	17	66	4.59	0.09	1.80	715	<2	0.30	11	2130	<2	<5	10	<10	228	0.01	146	<10	11	85	3	45
251552	<0.2	3.58	10	130	<0.5	<5	2.14	<1	18	25	112	4.07	0.11	1.50	515	<2	0.23	13	1260	<2	<5	11	<10	296	0.01	162	<10	8	86	3	50
251554	<0.2	4.04	<5	180	<0.5	<5	2.09	<1	15	26	104	4.85	0.17	1.70	620	<2	0.31	16	460	<2	5	9	<10	330	0.03	136	<10	6	94	4	45
251556	<0.2	3.54	<5	160	<0.5	<5	2.67	<1	12	20	175	3.78	0.12	1.38	500	<2	0.20	12	420	<2	<5	7	<10	342	0.02	99	<10	6	79	3	65
251558	<0.2	3.74	<5	70	<0.5	<5	3.11	<1	20	23	95	5.20	0.04	2.22	865	<2	0.26	14	3040	<2	5	11	<10	238	0.10	165	<10	6	85	6	50
251560	<0.2	3.71	<5	140	<0.5	<5	2.09	<1	19	28	122	4.51	0.16	1.26	530	<2	0.38	19	450	<2	5	8	<10	301	0.12	126	<10	6	75	5	55
251562	<0.2	3.70	5	60	<0.5	<5	3.70	<1	21	28	68	5.46	0.05	2.18	1140	<2	0.24	17	1100	<2	<5	11	<10	268	0.13	145	<10	8	90	7	55
251564	<0.2	3.64	5	30	<0.5	<5	3.52	<1	19	25	62	5.45	0.06	2.70	825	<2	0.18	18	910	<2	5	10	<10	236	0.01	128	<10	8	93	4	35
251566	<0.2	3.33	5	40	<0.5	<5	3.73	<1	19	27	65	5.61	0.07	1.96	820	<2	0.15	19	520	<2	5	11	<10	315	<0.01	141	<10	7	100	4	45
251568	<0.2	3.46	10	80	<0.5	<5	4.95	<1	16	26	68	4.70	0.06	1.96	1885	<2	0.24	16	1640	<2	5	10	<10	309	0.01	125	<10	9	84	3	35
251570	<0.2	4.19	30	80	<0.5	5	2.28	<1	25	48	61	4.75	0.09	1.63	630	<2	0.41	25	300	<2	<5	11	<10	492	0.01	175	<10	4	88	3	35
294350	<0.2	2.70	10	110	<0.5	<5	2.74	<1	16	35	59	3.43	0.10	1.57	585	<2	0.09	25	690	<2	5	4	<10	89	0.05	59	<10	5	73	3	80

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H20.

Signed: _____

Mineral Environ. .nts Laboratories
8282 Sherbrooke St., Vancouver, B.C., V5X 4E8
Tel (604) 327-3436 Fax (604) 327-3423

Report No : 8V0564
Date : Aug-28-98

DURFELD GEORLOGICAL
Attention: RUDI DURFELD
Project: W.B.
Sample: CORE

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Hg ppb
294352	<0.2	2.81	5	80	<0.5	<5	1.36	<1	13	30	56	3.28	0.07	1.16	415	<2	0.79	16	890	<2	<5	4	<10	85	0.11	74	<10	4	65	6	75
294354	<0.2	2.83	5	110	<0.5	5	1.28	<1	9	23	29	2.30	0.04	0.72	270	<2	1.23	13	380	<2	<5	3	<10	68	0.05	54	<10	2	47	3	45
294356	<0.2	2.41	15	210	<0.5	<5	1.74	<1	11	21	37	2.36	0.06	0.71	260	<2	0.16	13	530	<2	<5	3	<10	89	0.07	51	<10	3	47	4	85
294358	<0.2	2.11	15	170	<0.5	<5	1.04	<1	12	18	62	2.52	0.09	0.67	240	2	0.14	15	430	<2	<5	3	<10	72	0.09	45	<10	3	57	4	175
294360	<0.2	2.85	10	80	<0.5	<5	0.93	<1	11	29	38	3.02	0.05	1.08	325	<2	0.96	16	690	<2	<5	4	<10	47	0.08	81	<10	4	59	5	90
294362	<0.2	2.48	50	30	<0.5	5	4.59	<1	16	58	36	4.02	0.05	1.69	730	<2	0.04	37	590	<2	5	8	<10	119	<0.01	94	<10	7	65	3	55
294364	<0.2	2.37	40	30	0.5	<5	2.64	<1	14	32	56	3.93	0.11	1.41	590	<2	0.03	24	910	<2	<5	6	<10	139	<0.01	60	<10	6	67	3	70
294366	<0.2	0.92	10	60	<0.5	5	2.04	<1	5	46	5	1.66	0.12	0.52	410	<2	0.05	4	390	4	<5	2	<10	76	<0.01	22	<10	3	40	3	50
294368	<0.2	2.91	65	180	0.5	<5	1.80	<1	27	32	101	4.83	0.19	1.81	560	<2	0.05	36	250	<2	5	7	<10	147	<0.01	58	<10	5	97	3	60
294370	<0.2	1.14	15	440	<0.5	5	2.97	<1	5	45	28	1.88	0.16	0.61	425	<2	0.06	5	450	2	<5	1	<10	192	<0.01	14	<10	3	38	4	80
294372	<0.2	3.44	70	60	<0.5	5	4.61	<1	22	47	64	5.87	0.09	1.97	840	<2	0.06	36	1360	<2	5	8	<10	286	<0.01	103	<10	8	83	4	90
294374	<0.2	2.74	105	50	<0.5	5	5.86	<1	24	44	79	4.67	0.09	1.44	955	<2	0.08	39	1100	<2	5	7	<10	309	<0.01	86	<10	8	82	3	45
294376	<0.2	2.66	20	60	<0.5	5	1.85	<1	17	20	115	4.51	0.08	1.71	595	<2	0.07	23	830	<2	<5	6	<10	101	<0.01	89	<10	7	83	3	70
294378	<0.2	3.16	15	50	<0.5	<5	3.61	<1	22	61	36	5.28	0.07	2.22	1010	<2	0.06	38	880	<2	10	10	<10	107	0.23	111	<10	7	88	10	130
294380	<0.2	3.24	10	390	<0.5	<5	4.20	<1	18	63	38	4.16	0.10	1.79	765	<2	0.14	34	780	<2	5	8	<10	140	0.21	99	<10	6	70	10	95
294382	<0.2	2.02	65	90	<0.5	<5	3.40	<1	15	44	52	4.74	0.16	1.30	600	<2	0.05	23	1060	<2	5	3	<10	86	0.01	52	<10	7	78	4	145
294384	<0.2	1.84	70	250	<0.5	<5	3.93	<1	12	88	14	3.22	0.15	1.59	680	<2	0.06	20	740	2	<5	5	<10	129	<0.01	78	<10	5	49	4	315
294386	<0.2	1.76	10	140	<0.5	<5	6.67	<1	13	44	37	2.98	0.10	1.04	1375	<2	0.09	19	820	<2	<5	4	<10	150	0.01	45	<10	8	62	3	85
294388	<0.2	2.68	20	130	0.5	5	1.79	<1	18	45	71	5.97	0.13	1.60	665	<2	0.09	29	940	<2	5	5	<10	129	0.01	66	<10	8	96	6	165
294390	<0.2	2.67	25	180	0.5	<5	1.98	<1	19	45	68	6.36	0.15	1.48	695	<2	0.09	29	1000	<2	5	5	<10	126	0.01	66	<10	8	95	6	215
294392	<0.2	2.35	10	160	<0.5	<5	3.61	<1	13	55	37	3.61	0.06	1.72	715	<2	0.09	22	730	<2	<5	5	<10	169	0.01	67	<10	8	66	3	55
294394	<0.2	2.27	375	190	0.5	5	5.47	<1	18	33	76	5.65	0.14	1.30	670	2	0.09	27	620	6	10	3	<10	209	0.01	49	<10	9	77	4	140
294396	<0.2	2.37	5	80	<0.5	<5	1.41	<1	22	58	44	4.52	0.08	1.72	585	<2	0.08	37	700	<2	5	5	<10	114	0.15	69	<10	6	81	8	150
294398	<0.2	3.30	<5	120	<0.5	<5	1.56	<1	18	78	24	4.60	0.03	1.86	720	<2	0.63	25	620	<2	5	6	<10	75	0.12	132	<10	4	72	6	65
294400	<0.2	2.76	5	50	<0.5	<5	1.82	<1	18	82	27	4.56	0.04	1.97	725	<2	0.08	27	540	<2	5	7	<10	94	0.11	120	<10	4	74	5	50
294402 = 251502	<0.2	3.27	<5	200	<0.5	<5	2.27	<1	21	57	44	5.48	0.12	1.95	710	<2	0.13	30	680	<2	5	6	<10	148	0.15	79	<10	7	90	7	160
294404 = 251504	<0.2	2.31	<5	80	<0.5	<5	5.19	<1	20	47	59	4.27	0.14	1.65	1030	<2	0.06	27	1440	<2	5	5	<10	130	0.20	66	<10	9	87	8	100
294406 = 251506	<0.2	2.15	<5	100	<0.5	<5	3.61	<1	18	68	43	4.32	0.06	2.01	795	<2	0.07	16	990	<2	5	8	<10	133	0.17	144	<10	5	56	12	240
294408 = 251508	<0.2	2.30	10	150	<0.5	<5	4.82	<1	15	39	55	4.21	0.11	1.72	725	<2	0.09	26	810	<2	5	7	<10	206	<0.01	60	<10	11	79	3	55
294412 = 251512	<0.2	1.65	25	160	<0.5	<5	5.25	<1	14	51	41	3.62	0.08	1.85	875	<2	0.13	28	780	<2	5	11	<10	336	<0.01	70	<10	11	62	3	60

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H20.

Signed:_____

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TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, BC, CANADA V0J 2N0
TELEPHONE (250) 847-3004
FAX (250) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

8V-0581-RA1

Company: **DURFELD GEOLOGICAL**
Project: W.B
Attn: RUDI DURFELD

Sep-03-98

We *hereby certify* the following Assay of 24 CORE samples submitted Aug-28-98 by RUDI DURFELD.

Sample Name	Au-fire g/tonne
251571	0.01
251572	0.01
251573	0.01
251574	0.03
251575	0.01
251576	0.01
251577	0.02
251578	0.02
251579	0.01
251580	0.02
251581	0.01
251582	0.02
251583	0.01
251584	0.01
251585	0.01
251586	0.01
251587	0.01
251588	0.01
251589	0.01
251590	0.01
251591	0.01
251592	0.01
251593	0.01
251594	0.01

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SMITHERS, BC, CANADA V0J 2N0
TELEPHONE (250) 847-3004
FAX (250) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

8V-0581-RA2

Company: **DURFELD GEOLOGICAL**
Project: W.B
Attn: RUDI DURFELD

Sep-03-98

We *hereby certify* the following Assay of 24 CORE samples submitted Aug-28-98 by RUDI DURFELD.

Sample Name	Au-fire g/tonne
251595	0.01
251596	0.02
251597	0.01
251598	0.02
251599	0.01
251600	0.01
251601	0.02
251602	0.01
251603	0.01
251604	0.02
251605	0.02
251606	0.01
251607	0.02
251608	0.04
251609	0.03
251610	0.05
251611	0.05
251612	0.02
251613	0.05
251614	0.02
251615	4.24
251616	0.02
251617	0.04
251618	0.07

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8282 SHERBROOKE STREET
VANCOUVER, BC, CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, BC, CANADA V0J 2N0
TELEPHONE (250) 847-3004
FAX (250) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

8V-0581-RA3

Company: **DURFELD GEOLOGICAL**
Project: W.B
Attn: RUDI DURFELD

Sep-03-98

We *hereby certify* the following Assay of 24 CORE samples submitted Aug-28-98 by RUDI DURFELD.

Sample Name	Au-fire g/tonne
251619	0.01
251620	0.01
251621	0.01
251622	0.01
251623	0.01
251624	0.01
251625	0.01
251626	0.01
251627	0.01
251628	0.01
251629	0.01
251630	0.01
251631	0.01
251632	0.01
251633	0.01
251634	0.01
251635	0.01
251636	0.01
251637	0.01
251638	0.01
251639	0.01
251640	0.02
251641	0.01
251642	0.01

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VANCOUVER, BC, CANADA V5X 4E8
TELEPHONE (604) 327-3436
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3176 TATLOW ROAD
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TELEPHONE (250) 847-3004
FAX (250) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

8V-0581-RA4

Company: **DURFELD GEOLOGICAL**
Project: W.B
Attn: RUDI DURFELD

Sep-03-98

We *hereby certify* the following Assay of 23 CORE samples submitted Aug-28-98 by RUDI DURFELD.

Sample Name	Au-fire g/tonne
251643	0.02
251644	0.01
251645	0.01
251646	0.01
251647	0.01
251648	0.01
251649	0.01
251650	0.01
251651	0.01
251652	0.01
251653	0.01
251654	0.02
251655	0.01
251656	0.01
251657	0.01
251658	0.01
251659	0.02
251660	0.01
251661	0.02
251701	0.21
251702	1.36
251703	0.99
251704	0.51

Certified by _____

Min-En Laboratories

Mineral Environments Laboratories
8282 Sherbrooke St., Vancouver, B.C., V5X 4E8
Tel (604) 327-3436 Fax (604) 327-3423

DURFELD GEOLOGICAL
Attention: RUDI DURFELD
Project: W.B
Sample: CORE

Report No : **8V0581**
Date : Sep-03-98

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Tl %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Hg ppb
251572	<0.2	4.19	5	90	<0.5	<5	3.14	<1	23	45	62	6.56	0.14	2.70	975	<2	0.23	26	1690	6	<5	14	<10	348	0.02	181	<10	8	89	5	70
251574	<0.2	1.40	225	140	0.5	<5	2.40	<1	4	32	18	1.84	0.36	0.82	590	<2	0.16	5	320	6	<5	3	<10	179	0.02	38	<10	6	69	4	60
251576	<0.2	4.60	30	90	0.5	<5	4.92	<1	12	40	87	4.40	0.22	1.99	965	<2	0.52	18	500	4	<5	9	<10	300	0.01	126	<10	6	76	3	40
251578	<0.2	5.40	30	310	0.5	<5	2.87	<1	21	39	79	4.90	0.77	2.10	535	<2	0.54	23	530	<2	<5	13	<10	322	0.04	171	<10	6	89	3	30
251580	<0.2	1.69	435	110	0.5	<5	5.96	<1	14	25	67	4.40	0.15	1.30	550	<2	0.07	20	600	10	5	8	<10	271	<0.01	87	<10	7	76	3	60
251582	<0.2	3.21	165	160	0.5	<5	2.97	<1	17	28	79	5.61	0.48	1.92	735	<2	0.27	25	690	8	<5	11	<10	329	0.02	140	<10	6	94	4	120
251584	<0.2	1.65	120	70	0.5	<5	2.76	<1	20	27	82	4.50	0.11	1.76	655	<2	0.21	28	510	6	<5	11	<10	354	<0.01	115	<10	9	89	3	110
251586	<0.2	1.41	45	190	0.5	<5	4.68	<1	17	14	127	3.74	0.21	1.70	585	<2	0.12	20	440	8	<5	7	<10	372	0.01	73	<10	6	74	3	70
251588	<0.2	0.58	30	60	0.5	<5	4.85	<1	15	45	57	3.47	0.07	1.82	480	<2	0.03	44	670	12	<5	7	<10	539	<0.01	60	<10	6	55	5	1100
251590	<0.2	0.72	30	160	0.5	<5	2.94	<1	18	20	95	4.87	0.11	2.05	685	<2	0.02	27	990	14	<5	10	<10	207	<0.01	105	<10	9	83	4	185
251592	<0.2	2.26	30	50	0.5	<5	0.93	<1	20	42	62	5.67	0.10	2.17	875	<2	0.03	29	1060	8	<5	12	<10	91	0.01	164	<10	8	104	4	130
251594	<0.2	0.67	310	40	0.5	<5	5.16	<1	18	18	52	4.83	0.11	2.51	1175	<2	0.03	18	870	12	5	11	<10	300	<0.01	111	<10	8	86	4	310
251596	<0.2	0.54	310	70	0.5	<5	4.21	<1	24	12	51	4.30	0.09	2.07	925	<2	0.03	16	690	12	5	10	<10	271	<0.01	97	<10	8	83	3	210
251598	<0.2	0.38	700	320	0.5	<5	8.04	<1	10	6	33	3.65	0.17	3.15	830	<2	0.02	11	320	12	15	5	<10	389	<0.01	35	<10	6	51	3	270
251600	<0.2	0.62	60	90	0.5	<5	4.29	<1	15	18	59	4.54	0.04	2.27	775	<2	0.03	16	1290	12	5	10	<10	276	<0.01	107	<10	9	76	4	305
251602	<0.2	0.60	545	40	0.5	<5	2.72	<1	17	16	55	4.61	0.06	1.64	785	<2	0.03	15	900	12	10	13	<10	230	<0.01	110	<10	8	87	4	330
251604	<0.2	0.54	75	30	0.5	<5	5.40	<1	16	17	51	4.75	0.06	2.54	930	<2	0.03	15	550	12	5	13	<10	318	<0.01	118	<10	8	82	4	405
251606	<0.2	0.64	30	30	0.5	<5	2.28	<1	22	15	68	4.73	0.04	1.65	690	<2	0.03	18	810	10	5	13	<10	218	<0.01	132	<10	9	85	4	220
251608	<0.2	0.38	125	70	<0.5	<5	2.79	<1	2	14	11	1.31	0.15	1.19	280	<2	0.03	2	220	4	5	2	<10	173	<0.01	17	<10	4	16	2	170
251610	<0.2	0.28	30	60	<0.5	<5	1.11	<1	<1	28	5	0.61	0.17	0.42	165	<2	0.04	<1	230	4	<5	<1	<10	66	<0.01	2	<10	3	10	2	320
251612	<0.2	0.26	65	60	<0.5	<5	0.96	<1	<1	34	10	0.60	0.17	0.36	140	<2	0.04	1	230	6	5	<1	<10	54	<0.01	1	<10	3	17	2	300
251614	<0.2	0.29	245	90	<0.5	<5	1.46	<1	<1	28	8	0.80	0.19	0.56	245	<2	0.03	1	210	2	5	<1	<10	70	<0.01	2	<10	3	7	2	160
251616	<0.2	0.30	135	140	<0.5	<5	1.03	<1	<1	40	11	0.63	0.18	0.42	145	<2	0.04	1	180	4	5	<1	<10	74	<0.01	1	<10	3	9	2	265
251618	<0.2	0.29	65	120	<0.5	<5	1.64	<1	<1	32	5	0.61	0.16	0.69	170	<2	0.04	1	210	4	<5	<1	<10	101	<0.01	1	<10	3	9	2	175
251620	<0.2	0.93	80	180	0.5	<5	2.90	<1	16	16	49	3.94	0.08	1.80	645	<2	0.05	14	650	8	5	12	<10	220	<0.01	92	<10	8	74	4	140
251622	<0.2	0.88	45	50	0.5	<5	3.80	<1	15	13	81	3.97	0.04	2.01	605	<2	0.07	13	580	8	<5	7	<10	288	<0.01	82	<10	7	67	3	170
251624	<0.2	0.66	25	60	0.5	<5	4.14	<1	14	15	44	4.18	0.04	2.14	650	<2	0.03	15	630	10	<5	9	<10	325	<0.01	98	<10	8	75	4	125
251626	<0.2	0.70	125	90	0.5	<5	5.00	<1	11	10	46	3.78	0.04	2.29	800	<2	0.03	13	830	8	5	8	<10	278	<0.01	68	<10	8	69	4	265
251628	<0.2	0.62	60	30	0.5	<5	3.20	<1	14	12	80	4.27	0.05	1.77	625	<2	0.03	15	420	8	5	10	<10	200	<0.01	86	<10	7	69	4	195
251630	<0.2	0.72	40	70	0.5	<5	2.83	<1	18	31	65	4.47	0.05	1.70	630	<2	0.03	24	430	8	5	12	<10	222	<0.01	116	<10	8	76	4	170

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3
at 95c for 2 hours and diluted to 25ml with D.I.H20.

Signed:_____

Mineral Enviro' ents Laboratories
8282 Sherbrooke St., Vancouver, B.C., V5X 4E8
Tel (604) 327-3436 Fax (604) 327-3423

DURFELD GEOLOGICAL
Attention: RUDI DURFELD
Project: W.B
Sample: CORE

Report No : 8V0581
Date : Sep-03-98

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Hg ppb
251632	<0.2	0.82	20	60	0.5	<5	2.65	<1	18	19	56	5.34	0.06	1.77	705	<2	0.10	16	610	10	5	12	<10	264	<0.01	117	<10	9	86	4	155
251634	<0.2	0.78	50	70	0.5	<5	3.40	<1	16	18	89	4.07	0.08	1.86	590	<2	0.06	15	800	10	5	10	<10	314	<0.01	96	<10	7	71	3	180
251636	<0.2	1.93	15	130	<0.5	<5	4.43	<1	14	19	80	4.35	0.21	1.16	1640	<2	0.25	13	990	8	<5	8	<10	282	0.02	97	<10	9	68	3	145
251638	<0.2	2.41	10	150	<0.5	<5	1.10	<1	16	28	112	4.58	0.30	1.37	565	<2	0.21	19	610	2	<5	7	<10	361	0.03	96	<10	8	76	3	95
251640	<0.2	2.79	25	130	0.5	<5	4.31	<1	16	21	70	4.45	0.15	1.27	590	<2	0.34	13	400	8	<5	7	<10	368	0.01	85	<10	10	64	3	105
251642	<0.2	0.68	25	100	0.5	<5	1.60	<1	9	8	70	3.04	0.23	0.81	260	<2	0.06	10	800	6	<5	3	<10	187	<0.01	30	<10	7	59	3	115
251644	<0.2	2.01	35	170	0.5	<5	1.75	<1	11	15	76	2.90	0.40	0.79	255	<2	0.20	12	2180	2	<5	3	<10	243	<0.01	30	<10	10	62	3	150
251646	<0.2	0.94	110	40	0.5	<5	2.21	<1	16	11	137	4.35	0.07	1.29	500	<2	0.04	14	750	10	5	9	<10	235	<0.01	88	<10	7	88	4	205
251648	<0.2	1.11	50	20	0.5	<5	3.16	<1	15	14	60	4.19	0.07	1.65	615	<2	0.04	14	910	6	<5	9	<10	286	<0.01	85	<10	9	80	3	215
251650	<0.2	1.12	45	210	0.5	<5	3.88	<1	16	34	69	4.53	0.07	1.99	2120	<2	0.05	26	800	8	<5	11	<10	441	<0.01	114	<10	7	69	3	185
251652	<0.2	0.98	45	90	0.5	<5	2.08	<1	18	19	72	4.16	0.36	1.40	520	<2	0.06	26	470	6	<5	9	<10	259	0.01	83	<10	8	74	3	225
251654	<0.2	0.62	545	40	0.5	<5	2.52	<1	15	16	82	3.96	0.17	1.19	455	<2	0.02	22	620	8	5	6	<10	183	<0.01	58	<10	6	82	3	165
251656	<0.2	0.62	25	270	0.5	<5	4.41	<1	16	17	74	4.53	0.08	2.48	680	<2	0.03	18	810	10	<5	10	<10	478	<0.01	110	<10	9	71	4	105
251658	<0.2	0.66	135	120	0.5	<5	3.32	<1	19	19	74	4.97	0.05	2.30	645	<2	0.03	22	570	10	<5	12	<10	554	<0.01	119	<10	7	79	4	250
251660	<0.2	0.40	25	50	<0.5	<5	4.16	<1	2	34	5	1.29	0.11	1.67	250	<2	0.02	3	110	2	<5	1	<10	345	<0.01	14	<10	3	15	3	140
251701	<0.2	2.07	280	90	0.5	<5	1.92	<1	20	41	69	4.78	0.15	1.20	510	<2	0.06	30	250	14	5	4	<10	107	0.01	48	<10	6	83	4	170
251703	1.4	1.84	>10000	130	0.5	10	9.09	<1	11	45	100	4.20	0.18	1.23	1560	<2	0.04	16	470	60	10	3	<10	220	<0.01	30	<10	6	423	3	495

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H20.

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FAX (250) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

8V-0597-RA1

Company: **Durfeld Geological**
Project: Watson Bar
Attn: Rudi Durfeld

Sep-15-98

We *hereby certify* the following Assay of 24 core samples submitted Sep-09-98 by Rudi Durfeld.

Sample Name	Au-fire g/tonne
251662	0.02
251663	7.39
251664	1.47
251665	0.13
251666	0.56
251667	13.75
251705	0.01
251706	0.03
251707	0.01
251708	0.01
251709	0.01
251710	0.01
251711	0.02
251712	0.01
251713	0.01
251714	0.01
251715	0.01
251716	0.01
251717	0.01
251718	0.01
251719	0.01
251720	0.01
251721	0.01
251722	0.01

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Quality Assaying for over 25 Years

Assay Certificate

8V-0597-RA2

Company: **Durfeld Geological**
Project: Watson Bar
Attn: Rudi Durfeld

Sep-15-98

We *hereby certify* the following Assay of 24 core samples submitted Sep-09-98 by Rudi Durfeld.

Sample Name	Au-fire g/tonne
251723	0.01
251724	0.01
251725	0.01
251726	0.01
251727	0.01
251728	0.01
251729	0.01
251730	0.01
251731	0.01
251732	0.01
251733	0.02
251734	0.01
251735	0.01
251736	0.01
251737	0.01
251738	0.01
251739	0.01
251740	0.01
251741	0.01
251742	0.01
251743	0.01
251744	0.01
251745	0.01
251746	0.01

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Quality Assaying for over 25 Years

Assay Certificate

8V-0597-RA3

Company: **Durfeld Geological**
Project: Watson Bar
Attn: Rudi Durfeld

Sep-15-98

We *hereby certify* the following Assay of 24 core samples submitted Sep-09-98 by Rudi Durfeld.

Sample Name	Au-fire g/tonne
251747	0.01
251748	0.01
251749	0.02
251750	0.01
251751	0.01
251752	0.01
251753	0.01
251754	0.01
251755	0.01
251756	0.01
251757	0.01
251758	0.01
251759	0.01
251760	0.01
251761	0.02
251762	0.01
251763	0.01
251764	0.01
251765	0.01
251766	0.01
251767	0.01
251768	0.01
251769	0.01
251770	0.01

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Quality Assaying for over 25 Years

Assay Certificate

8V-0597-RA4

Company: **Durfeld Geological**
Project: Watson Bar
Attn: Rudi Durfeld

Sep-15-98

We *hereby certify* the following Assay of 24 core samples submitted Sep-09-98 by Rudi Durfeld.

Sample Name	Au-fire g/tonne
251771	0.01
251772	0.01
251773	0.01
251774	0.01
251775	0.01
251776	0.01
251777	0.01
251778	0.01
251779	0.01
251780	0.01
251781	0.01
251782	0.01
251783	0.01
251784	0.01
251785	0.01
251786	0.01
251787	0.01
251788	0.01
251789	0.01
251790	0.01
251791	0.01
251792	0.01
251793	0.01
251794	0.01

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Quality Assaying for over 25 Years

Assay Certificate

8V-0597-RA5

Company: **Durfeld Geological**
Project: Watson Bar
Attn: Rudi Durfeld

Sep-15-98

We *hereby certify* the following Assay of 24 core samples submitted Sep-09-98 by Rudi Durfeld.

Sample Name	Au-fire g/tonne
251795	0.01
251796	0.01
251797	0.02
251798	0.01
251799	0.01
251800	0.02
251801	0.01
251802	0.01
251803	0.01
251804	0.01
251805	0.01
251806	0.01
251807	0.01
251808	0.01
251809	0.01
251810	0.01
251811	0.01
251812	0.02
251813	0.01
251814	0.01
251815	0.01
251816	0.01
251817	0.02
251818	0.01

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SMITHERS, BC, CANADA V0J 2N0
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Assay Certificate

8V-0597-RA6

Company: **Durfeld Geological**
Project: Watson Bar
Attn: Rudi Durfeld

Sep-15-98

We *hereby certify* the following Assay of 24 core samples submitted Sep-09-98 by Rudi Durfeld.

Sample Name	Au-fire g/tonne
251819	0.02
251820	0.01
251821	0.01
251822	0.01
251823	0.01
251824	0.01
251825	0.02
251826	0.01
251827	0.01
251828	0.01
251829	0.12
251830	0.81
251831	0.60
251832	0.04
251833	0.01
251834	0.01
251835	0.01
251836	0.02
251837	0.01
251838	0.04
251839	0.01
251840	0.01
251841	0.01
251842	0.02

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Assay Certificate

8V-0597-RA7

Company: **Durfeld Geological**
Project: Watson Bar
Attn: Rudi Durfeld

Sep-15-98

We *hereby certify* the following Assay of 24 core samples submitted Sep-09-98 by Rudi Durfeld.

Sample Name	Au-fire g/tonne
251843	0.01
251844	0.01
251845	0.01
251846	0.01
251847	0.01
251848	0.01
251849	0.01
251850	0.01
251851	0.01
251852	0.01
251853	0.01
251854	0.01
251855	0.01
251856	0.01
251857	0.01
251858	0.01
251859	0.01
251860	0.01
251861	0.01
251862	0.01
251863	0.01
251864	0.01
251865	0.01
251866	0.01

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Quality Assaying for over 25 Years

Assay Certificate

8V-0597-RA8

Company: **Durfeld Geological**
Project: Watson Bar
Attn: Rudi Durfeld

Sep-15-98

We *hereby certify* the following Assay of 9 core samples submitted Sep-09-98 by Rudi Durfeld.

Sample Name	Au-fire g/tonne
251867	0.01
251868	0.01
251869	0.01
251870	0.01
251871	0.01
251872	0.01
251873	0.01
251874	0.01
251875	0.01

Certified by _____

Min-En Laboratories

Durfeld Geological
Attention: Rudi Durfeld
Project: Watson Bar
Sample: core

Mineral Environments Laboratories
8282 Sherbrooke St., Vancouver, B.C., V5X 4E8
Tel (604) 327-3436 Fax (604) 327-3423

Report No : 8V0597
Date : Sep-15-98

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Hg ppb
251663	9.6	0.18	>10000	30	<0.5	25	0.10	<1	8	98	30	4.04	0.11	0.04	20	<2	0.02	13	230	892	20	<1	<10	6	<0.01	4	<10	<1	733	3	200
251665	<0.2	1.56	265	50	0.5	<5	3.93	<1	18	26	69	6.67	0.11	0.99	650	<2	0.04	25	760	28	20	3	<10	106	<0.01	32	<10	7	73	6	420
251667	24.8	0.16	>10000	60	<0.5	65	0.08	<1	1	70	277	3.87	0.09	0.03	25	<2	0.02	3	250	4698	25	1	<10	18	<0.01	12	<10	<1	204	3	130
251706	<0.2	0.25	110	330	0.5	<5	4.89	<1	12	25	13	3.95	0.11	1.87	1030	<2	0.03	16	280	18	5	5	<10	184	<0.01	33	<10	7	66	4	365
251708	<0.2	0.39	95	120	0.5	<5	2.99	<1	16	114	85	3.44	0.03	2.09	555	<2	0.02	93	490	10	5	11	<10	152	<0.01	73	<10	5	50	4	900
251710	<0.2	0.31	70	220	0.5	<5	1.89	<1	8	41	77	2.61	0.14	1.05	340	<2	0.02	28	160	8	5	6	<10	68	<0.01	32	<10	2	36	3	695
251712	<0.2	0.38	80	230	0.5	<5	0.66	<1	15	30	43	4.01	0.14	0.43	450	<2	0.03	32	490	10	5	8	<10	34	<0.01	57	<10	4	61	4	485
251714	<0.2	0.26	120	120	<0.5	<5	4.16	<1	13	108	32	2.84	0.01	2.44	430	<2	0.02	69	70	8	5	8	<10	226	<0.01	64	<10	2	54	4	315
251716	<0.2	0.29	135	50	<0.5	<5	2.41	<1	16	112	74	3.21	0.01	2.00	440	<2	0.02	96	210	8	5	8	<10	149	<0.01	57	<10	2	53	5	610
251718	<0.2	0.66	10	380	0.5	<5	0.93	<1	13	38	39	4.15	0.17	0.92	530	<2	0.16	22	540	10	5	5	<10	1375	<0.01	35	<10	4	81	4	1010
251720	<0.2	0.34	50	710	0.5	<5	0.57	<1	11	37	37	2.76	0.14	0.65	350	4	0.24	17	220	18	<5	4	<10	101	<0.01	23	<10	2	74	3	430
251722	<0.2	0.40	35	350	0.5	<5	1.96	<1	15	17	46	5.25	0.13	0.67	700	<2	0.30	9	870	16	5	9	<10	123	<0.01	46	<10	6	100	4	860
251724	<0.2	0.31	35	190	0.5	<5	1.52	<1	12	34	50	3.52	0.15	1.08	685	<2	0.18	16	330	12	5	6	<10	97	<0.01	36	<10	4	76	4	820
251726	<0.2	0.27	70	160	0.5	<5	1.84	<1	13	29	35	2.38	0.15	0.82	430	<2	0.15	18	40	12	5	6	<10	124	<0.01	31	<10	3	60	3	325
251728	<0.2	0.29	35	250	0.5	<5	0.97	<1	12	45	29	2.92	0.16	0.66	450	2	0.15	18	330	14	10	5	<10	59	<0.01	28	<10	4	72	3	515
251730	<0.2	0.25	25	410	0.5	<5	1.82	<1	13	31	31	3.18	0.15	1.13	590	<2	0.15	17	410	12	5	5	<10	173	<0.01	28	<10	5	79	4	605
251732	<0.2	0.28	20	210	0.5	<5	1.77	<1	11	35	33	3.50	0.13	1.10	680	<2	0.12	17	420	14	<5	6	<10	164	<0.01	41	<10	5	75	4	1490
251734	<0.2	0.27	20	380	0.5	<5	0.82	<1	10	32	37	3.34	0.14	0.83	540	<2	0.14	15	360	10	<5	5	<10	101	<0.01	30	<10	4	70	4	965
251736	<0.2	0.28	25	210	0.5	<5	0.96	<1	12	34	35	2.86	0.13	0.83	610	<2	0.14	15	480	14	5	4	<10	59	<0.01	27	<10	4	53	3	825
251738	<0.2	0.47	80	820	0.5	<5	0.30	<1	13	10	73	3.97	0.21	0.90	400	<2	0.35	23	420	24	5	7	<10	51	<0.01	28	<10	4	111	4	430
251740	<0.2	0.43	50	810	0.5	<5	0.22	<1	14	13	58	4.46	0.18	0.99	465	<2	0.30	20	240	12	<5	8	<10	44	<0.01	30	<10	3	94	4	385
251742	<0.2	0.42	145	2740	0.5	<5	1.35	<1	12	21	27	5.29	0.19	1.16	925	<2	0.29	16	230	16	5	6	<10	142	<0.01	30	<10	7	67	5	285
251744	<0.2	0.41	55	730	0.5	<5	0.24	<1	14	25	27	3.73	0.19	0.74	395	2	0.29	15	230	14	<5	5	<10	34	<0.01	25	<10	3	73	4	300
251746	<0.2	0.63	35	940	0.5	<5	0.96	<1	12	23	62	4.73	0.21	0.98	585	2	0.28	18	2610	16	<5	7	<10	61	<0.01	38	<10	10	88	5	225
251748	<0.2	0.58	75	3960	0.5	<5	1.94	<1	13	11	58	4.34	0.21	1.24	1070	<2	0.30	16	2090	22	<5	6	<10	213	<0.01	27	<10	10	85	5	450
251750	<0.2	0.60	135	2550	0.5	<5	0.43	<1	15	14	73	4.09	0.25	0.80	520	<2	0.36	18	470	14	<5	6	<10	97	<0.01	27	<10	5	107	4	285
251752	<0.2	0.46	130	2250	0.5	<5	1.02	<1	14	13	60	2.81	0.20	0.62	625	4	0.26	14	810	16	<5	5	<10	103	<0.01	20	<10	5	125	3	430
251754	<0.2	0.54	120	2440	0.5	<5	1.55	<1	16	11	50	4.46	0.25	1.19	680	2	0.32	16	430	22	<5	6	<10	121	<0.01	25	<10	6	105	4	245
251756	<0.2	0.58	90	1160	0.5	<5	0.82	<1	19	6	84	4.59	0.26	1.11	590	<2	0.35	18	270	26	5	7	<10	69	<0.01	26	<10	5	123	4	230
251758	<0.2	0.68	40	770	0.5	<5	0.66	<1	16	17	52	4.85	0.23	0.91	650	<2	0.31	16	260	16	<5	9	<10	43	<0.01	37	<10	5	93	4	210

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3
at 95c for 2 hours and diluted to 25ml with D.I.H20.

Signed:_____

Mineral Environ nts Laboratories
8282 Sherbrooke St., Vancouver, B.C., V5X 4E8
Tel (604) 327-3436 Fax (604) 327-3423

Durfeld Geological
Attention: Rudi Durfeld
Project: Watson Bar
Sample: core

Report No . 8V0597
Date : Sep-15-98

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Hg ppb
251760	<0.2	0.36	45	350	<0.5	<5	4.71	<1	11	23	40	4.39	0.12	1.59	1280	<2	0.15	11	330	14	5	8	<10	130	<0.01	43	<10	6	65	5	635
251762	<0.2	0.52	40	540	0.5	<5	1.48	<1	13	20	42	4.83	0.22	1.05	830	<2	0.25	15	360	14	5	8	<10	64	<0.01	34	<10	5	103	4	535
251764	<0.2	0.49	45	540	0.5	<5	1.42	<1	12	19	43	4.60	0.21	1.02	685	<2	0.24	14	320	12	5	8	<10	70	<0.01	37	<10	4	89	4	375
251766	<0.2	0.33	70	660	0.5	<5	3.69	<1	15	22	45	4.59	0.12	1.28	1020	<2	0.17	16	390	16	5	8	<10	80	<0.01	39	<10	7	80	4	775
251768	<0.2	0.57	75	870	0.5	<5	0.24	<1	11	10	85	3.21	0.26	0.86	360	<2	0.35	26	330	14	<5	7	<10	42	<0.01	26	<10	3	96	3	195
251770	<0.2	0.48	70	750	0.5	<5	2.61	<1	14	11	60	4.88	0.21	1.54	1060	<2	0.25	19	690	18	5	7	<10	68	<0.01	33	<10	8	88	5	360
251772	<0.2	0.88	35	700	0.5	<5	1.62	<1	22	34	36	6.83	0.17	1.06	930	<2	0.18	17	450	14	<5	12	<10	77	<0.01	156	<10	6	105	6	565
251774	<0.2	0.53	5	590	0.5	<5	1.62	<1	11	20	35	5.17	0.18	0.91	780	<2	0.18	12	330	8	<5	8	<10	63	<0.01	56	<10	4	83	4	210
251776	<0.2	2.42	85	240	0.5	<5	2.21	<1	16	41	54	4.51	0.12	1.66	675	<2	0.06	27	780	6	<5	7	<10	119	0.01	77	<10	7	79	4	145
251778	<0.2	0.80	45	1830	0.5	<5	2.33	<1	11	22	45	3.61	0.20	0.57	560	<2	0.04	20	510	16	<5	6	<10	152	<0.01	31	<10	7	98	4	140
251780	<0.2	0.70	45	1280	0.5	<5	1.32	<1	12	23	51	3.54	0.21	1.12	580	<2	0.09	20	380	16	<5	6	<10	112	<0.01	32	<10	4	94	4	115
251782	0.2	0.57	55	420	0.5	<5	1.63	<1	15	34	53	3.67	0.17	0.79	640	2	0.09	23	370	14	5	6	<10	122	<0.01	34	<10	5	89	4	290
251784	0.2	0.39	20	250	0.5	<5	3.38	<1	10	29	32	3.67	0.15	1.56	675	<2	0.07	18	270	10	5	6	<10	157	<0.01	35	<10	4	82	4	370
251786	<0.2	0.32	10	230	0.5	<5	1.02	<1	8	56	23	2.62	0.19	0.67	500	<2	0.08	14	50	12	5	3	<10	74	<0.01	18	<10	3	61	3	210
251788	<0.2	0.37	5	220	0.5	<5	0.86	<1	10	45	29	3.28	0.19	0.85	585	<2	0.11	18	250	8	<5	5	<10	81	<0.01	32	<10	4	72	4	285
251790	<0.2	0.42	10	220	0.5	<5	1.13	<1	9	49	31	3.27	0.20	0.95	575	<2	0.12	16	280	6	<5	5	<10	97	<0.01	32	<10	4	71	4	330
251792	<0.2	0.31	<5	250	0.5	<5	2.36	<1	9	46	28	3.25	0.18	1.30	805	<2	0.11	16	220	8	<5	5	<10	96	<0.01	31	<10	4	67	4	170
251794	<0.2	0.86	5	260	0.5	<5	0.44	<1	10	52	28	3.84	0.19	0.93	610	<2	0.13	18	580	6	<5	5	<10	50	<0.01	41	<10	5	76	4	115
251796	<0.2	1.36	10	440	0.5	<5	1.21	<1	12	26	44	4.55	0.16	0.96	615	<2	0.04	14	390	14	<5	7	<10	65	<0.01	43	<10	6	85	4	190
251798	<0.2	0.54	55	710	0.5	5	0.51	<1	15	17	54	4.46	0.22	0.35	495	<2	0.04	13	420	16	5	7	<10	85	<0.01	28	<10	5	94	4	410
251800	<0.2	0.67	15	550	0.5	5	0.99	<1	13	39	35	5.60	0.16	0.49	945	<2	0.04	13	1720	16	<5	7	<10	97	<0.01	59	<10	8	85	5	285
251802	<0.2	0.44	60	90	<0.5	<5	2.28	<1	18	134	92	3.50	0.02	2.88	495	<2	0.03	108	630	10	5	10	<10	155	<0.01	80	<10	5	58	5	5370
251804	<0.2	0.38	125	90	<0.5	<5	2.39	<1	15	102	90	3.41	0.01	1.91	470	<2	0.02	86	340	8	5	9	<10	186	<0.01	65	<10	3	59	5	950
251806	<0.2	3.09	100	360	<0.5	<5	2.34	<1	17	31	64	4.37	0.13	1.41	660	<2	0.10	22	870	6	<5	7	<10	125	0.05	80	<10	7	73	5	150
251808	<0.2	0.38	95	520	0.5	<5	1.89	<1	11	27	36	3.37	0.17	0.78	570	<2	0.04	19	390	16	5	5	<10	137	<0.01	27	<10	5	80	3	125
251810	0.2	0.54	100	530	0.5	<5	1.59	<1	11	28	43	3.44	0.17	0.97	555	2	0.03	17	1060	18	<5	5	<10	138	<0.01	27	<10	6	93	4	185
251812	0.2	0.82	65	710	0.5	<5	1.65	<1	13	33	53	3.68	0.16	0.98	610	2	0.03	18	460	14	5	6	<10	68	<0.01	35	<10	5	84	4	190
251814	<0.2	0.35	195	90	<0.5	<5	2.64	<1	17	133	111	3.50	0.01	2.56	515	<2	0.02	123	560	10	5	11	<10	195	<0.01	68	<10	5	51	5	1885
251816	<0.2	0.40	195	90	<0.5	<5	3.42	<1	19	156	93	3.49	0.01	2.24	525	<2	0.03	135	510	8	5	11	<10	250	<0.01	73	<10	4	50	6	1200
251818	<0.2	0.40	760	410	0.5	<5	3.06	<1	17	34	52	4.50	0.13	1.40	685	<2	0.02	30	490	14	10	7	<10	121	<0.01	48	<10	9	80	4	1740

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3
at 95c for 2 hours and diluted to 25ml with D.I.H20.

Signed: _____

Durfeld Geological
Attention: Rudi Durfeld
Project: Watson Bar
Sample: core

Mineral Environments Laboratories
8282 Sherbrooke St., Vancouver, B.C., V5X 4E8
Tel (604) 327-3436 Fax (604) 327-3423

Report No : 8V0597
Date : Sep-15-98

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Hg ppb
251820	<0.2	1.13	50	300	0.5	<5	2.39	<1	13	39	39	4.23	0.13	0.88	685	2	0.03	21	420	10	<5	5	<10	126	<0.01	54	<10	8	78	3	225
251822	<0.2	1.83	40	540	<0.5	<5	3.34	<1	14	45	27	3.91	0.04	1.65	925	<2	0.04	22	550	8	<5	7	<10	133	<0.01	83	<10	9	62	3	250
251824	<0.2	0.46	60	180	0.5	<5	7.00	<1	12	25	27	3.82	0.17	0.56	1390	2	0.03	19	900	10	<5	4	<10	106	<0.01	31	<10	11	61	3	380
251826	<0.2	0.47	135	130	0.5	<5	4.89	<1	10	29	39	4.93	0.10	1.57	800	4	0.03	15	590	10	5	5	<10	218	<0.01	51	<10	9	51	4	425
251828	<0.2	0.46	865	80	0.5	5	1.50	<1	17	28	46	4.74	0.14	0.30	625	2	0.02	28	570	14	20	7	<10	56	<0.01	44	<10	9	96	3	4030
251830	0.4	0.25	>10000	140	0.5	<5	4.76	<1	6	23	47	3.88	0.12	1.69	535	<2	0.02	9	260	58	20	3	<10	291	<0.01	24	<10	6	131	3	700
251832	<0.2	0.38	275	160	0.5	<5	2.71	<1	15	24	59	4.39	0.16	1.36	805	<2	0.02	24	740	22	15	4	<10	112	<0.01	31	<10	7	106	3	210
251834	<0.2	0.65	215	50	0.5	<5	2.69	<1	13	28	62	4.94	0.15	0.81	735	<2	0.03	25	1030	10	5	6	<10	130	<0.01	46	<10	7	82	4	115
251836	<0.2	0.70	465	280	0.5	<5	3.84	<1	25	21	78	4.10	0.15	0.71	460	2	0.02	31	600	14	10	5	<10	192	<0.01	32	<10	7	80	3	175
251838	0.2	1.49	625	300	0.5	<5	1.85	<1	14	48	67	4.03	0.15	1.25	570	<2	0.03	24	590	44	5	5	<10	69	<0.01	52	<10	9	238	3	190
251840	0.4	2.67	20	90	<0.5	<5	1.89	<1	13	61	20	4.34	0.07	1.84	625	<2	0.26	23	460	4	<5	4	<10	86	0.01	78	<10	6	60	4	45
251842	<0.2	2.83	60	130	<0.5	<5	2.02	<1	15	69	30	4.65	0.07	2.21	815	<2	0.19	26	660	6	<5	7	<10	71	0.03	112	<10	7	73	4	85
251844	<0.2	3.52	10	370	<0.5	<5	2.21	<1	18	30	36	4.70	0.07	2.26	760	<2	0.50	19	1070	2	<5	4	<10	105	0.16	99	<10	5	88	10	115
251846	<0.2	4.25	5	90	<0.5	<5	1.77	<1	17	34	56	3.94	0.02	2.04	680	<2	1.69	20	690	2	<5	8	<10	50	0.12	119	<10	5	65	6	65
251848	<0.2	3.32	45	630	<0.5	<5	1.46	<1	21	56	89	6.06	0.11	1.36	790	<2	0.20	32	1270	10	<5	7	<10	342	<0.01	107	<10	9	106	4	115
251850	<0.2	3.33	5	310	<0.5	<5	2.73	<1	17	43	61	5.03	0.03	2.17	845	<2	0.33	22	1890	6	5	8	<10	204	<0.01	134	<10	11	86	4	85
251852	<0.2	2.83	40	620	<0.5	<5	4.69	<1	24	31	61	5.00	0.08	1.61	795	<2	0.48	29	880	8	<5	6	<10	303	<0.01	80	<10	9	86	4	90
251854	<0.2	1.36	40	720	0.5	<5	2.36	<1	19	12	80	4.60	0.24	0.96	635	<2	0.21	18	900	18	<5	7	<10	396	<0.01	61	<10	9	107	4	100
251856	<0.2	0.32	10	130	0.5	<5	1.52	<1	10	44	27	3.19	0.14	1.16	620	<2	0.07	15	380	10	<5	5	<10	103	<0.01	48	<10	6	68	4	120
251858	<0.2	0.49	<5	230	0.5	<5	1.58	<1	9	40	30	3.24	0.19	1.20	625	<2	0.10	17	510	10	<5	5	<10	172	<0.01	42	<10	7	68	4	50
251860	<0.2	0.37	10	240	0.5	<5	0.96	<1	10	41	31	3.56	0.20	0.91	585	<2	0.09	17	550	10	<5	5	<10	81	<0.01	38	<10	8	70	4	95
251862	<0.2	0.31	70	320	0.5	<5	2.09	<1	9	33	18	3.60	0.19	1.10	650	<2	0.09	14	270	16	5	4	<10	108	<0.01	20	<10	5	64	4	195
251864	<0.2	0.55	90	640	0.5	<5	1.00	<1	16	20	40	6.18	0.25	1.09	755	<2	0.14	23	2450	16	5	6	<10	115	<0.01	44	<10	12	103	6	135
251866	<0.2	0.23	80	160	<0.5	<5	2.15	<1	4	42	8	1.97	0.12	0.79	535	<2	0.08	6	330	10	5	2	<10	92	<0.01	18	<10	3	47	3	90
251868	<0.2	0.20	25	150	<0.5	<5	2.00	<1	5	57	10	1.80	0.12	0.73	480	<2	0.08	7	340	6	5	2	<10	126	<0.01	13	<10	3	51	4	120
251870	<0.2	0.32	110	480	0.5	<5	0.64	<1	9	64	30	2.51	0.27	0.59	380	2	0.10	18	160	16	5	3	<10	68	<0.01	17	<10	3	79	5	90
251872	<0.2	0.34	70	470	0.5	<5	1.18	<1	11	30	51	3.18	0.24	0.90	540	<2	0.10	20	440	20	5	5	<10	96	<0.01	26	<10	4	93	4	135
251874	<0.2	0.24	55	300	0.5	<5	1.57	<1	9	68	16	3.12	0.18	0.89	575	2	0.07	14	260	14	5	4	<10	77	<0.01	26	<10	4	58	4	350

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3
at 95c for 2 hours and diluted to 25ml with D.I.H20.

Signed:_____

MINERAL ·ENVIRONMENTS LABORATORIES LTD.

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TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, BC, CANADA V0J 2N0
TELEPHONE (250) 847-3004
FAX (250) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

8V-0631-RA1

Company: **DURFELD GEOLOGICAL**
Project:
Attn: RUDI DURFELD

Oct-01-98

We *hereby certify* the following Assay of 24 CORE samples submitted Sep-24-98 by DURFELD GEOLOGICAL.

Sample Name	Au-fire g/tonne
251351	0.01
251352	0.01
251353	0.09
251354	0.02
251355	0.03
251356	0.18
251357	0.01
251358	0.01
251359	0.01
251360	0.01
251361	0.01
251362	0.01
251363	0.01
251364	0.01
251365	0.02
251366	0.01
251367	0.01
251368	0.01
251369	0.01
251370	0.01
251371	0.01
251372	0.01
251373	0.01
251374	0.01

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FAX (604) 327-3423

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3176 TATLOW ROAD
SMITHERS, BC, CANADA V0J 2N0
TELEPHONE (250) 847-3004
FAX (250) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

8V-0631-RA2

Company: **DURFELD GEOLOGICAL**
Project:
Attn: RUDI DURFELD

Oct-01-98

We *hereby certify* the following Assay of 24 CORE samples submitted Sep-24-98 by DURFELD GEOLOGICAL.

Sample Name	Au-fire g/tonne
251375	0.01
251376	0.02
251377	0.02
251378	0.01
251379	0.01
251380	0.01
251381	0.01
251382	0.02
251383	0.01
251384	0.01
251385	0.01
251386	0.01
251387	0.01
251388	0.01
251389	0.02
251390	0.01
251391	0.01
251392	0.01
251393	0.01
251394	0.01
251401	0.01
251402	0.01
251403	0.01
251404	0.02

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8282 SHERBROOKE STREET
VANCOUVER, BC, CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, BC, CANADA V0J 2N0
TELEPHONE (250) 847-3004
FAX (250) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

8V-0631-RA3

Company: **DURFELD GEOLOGICAL**
Project:
Attn: RUDI DURFELD

Oct-01-98

We *hereby certify* the following Assay of 24 CORE samples submitted Sep-24-98 by DURFELD GEOLOGICAL.

Sample Name	Au-fire g/tonne
251405	0.01
251406	0.01
251407	0.01
251408	0.01
251409	0.01
251410	0.01
251411	0.01
251412	0.01
251413	0.01
251414	0.01
251415	0.01
251416	0.01
251417	0.01
251418	0.01
251419	0.01
251420	0.01
251421	0.01
251422	0.01
251423	0.01
251424	0.01
251425	0.01
251426	0.01
251427	0.01
251428	0.01

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VANCOUVER, BC, CANADA V5X 4E8
TELEPHONE (604) 327-3436
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SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, BC, CANADA V0J 2N0
TELEPHONE (250) 847-3004
FAX (250) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

8V-0631-RA4

Company: **DURFELD GEOLOGICAL**
Project:
Attn: RUDI DURFELD

Oct-01-98

We *hereby certify* the following Assay of 24 CORE samples submitted Sep-24-98 by DURFELD GEOLOGICAL.

Sample Name	Au-fire g/tonne
251429	0.01
251430	0.01
251431	0.01
251432	0.02
251433	0.08
251434	0.01
251435	0.01
251436	0.01
251437	0.29
251438	0.33
251439	0.06
251440	0.20
251441	0.04
251442	0.07
251443	0.02
251444	0.01
251445	0.05
251446	0.02
251447	0.06
251448	0.80
251449	0.09
251450	0.02
251451	0.01
251452	0.01

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VANCOUVER, BC, CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, BC, CANADA V0J 2N0
TELEPHONE (250) 847-3004
FAX (250) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

8V-0631-RA5

Company: **DURFELD GEOLOGICAL**
Project:
Attn: RUDI DURFELD

Oct-01-98

We *hereby certify* the following Assay of 24 CORE samples submitted Sep-24-98 by DURFELD GEOLOGICAL.

Sample Name	Au-fire g/tonne
251453	0.01
251454	0.01
251455	0.06
251456	0.01
251457	0.01
251458	0.01
251459	0.01
251460	0.01
251461	0.01
251462	0.01
251463	0.02
251464	0.01
251465	0.01
251466	0.01
251467	0.01
251468	0.01
251469	0.01
251470	0.01
251471	0.02
251472	0.01
251473	0.01
251474	0.01
251475	0.01
251476	0.01

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3176 TATLOW ROAD
SMITHERS, BC, CANADA V0J 2N0
TELEPHONE (250) 847-3004
FAX (250) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

8V-0631-RA6

Company: **DURFELD GEOLOGICAL**
Project:
Attn: RUDI DURFELD

Oct-01-98

We *hereby certify* the following Assay of 24 CORE samples submitted Sep-24-98 by DURFELD GEOLOGICAL.

Sample Name	Au-fire g/tonne
251477	0.01
251478	0.01
251479	0.01
251480	0.01
251481	0.01
251482	0.01
251483	0.02
251484	0.01
251485	0.02
251486	0.01
251487	0.02
251488	0.01
251489	0.01
251490	0.01
251491	0.01
251492	0.01
251493	0.01
251494	0.01
251495	0.01
251496	0.01
251497	0.01
251498	0.01
251499	0.01
251500	0.01

Certified by _____

Min-En Laboratories

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ENVIRONMENTS
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VANCOUVER OFFICE:
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VANCOUVER, BC, CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, BC, CANADA V0J 2N0
TELEPHONE (250) 847-3004
FAX (250) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

8V-0631-RA7

Company: **DURFELD GEOLOGICAL**
Project:
Attn: RUDI DURFELD

Oct-01-98

We *hereby certify* the following Assay of 24 CORE samples submitted Sep-24-98 by DURFELD GEOLOGICAL.

Sample Name	Au-fire g/tonne
251668	0.01
251669	0.01
251670	0.01
251671	0.01
251672	0.01
251673	0.01
251674	0.01
251675	0.01
251676	0.01
251677	0.01
251678	0.01
251679	0.02
251680	0.01
251681	0.01
251682	0.01
251683	0.02
251684	0.01
251685	0.01
251686	0.01
251687	0.01
251688	0.01
251689	0.01
251690	0.01
251691	0.01

Certified by _____

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FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, BC, CANADA V0J 2N0
TELEPHONE (250) 847-3004
FAX (250) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

8V-0631-RA8

Company: **DURFELD GEOLOGICAL**
Project:
Attn: RUDI DURFELD

Oct-01-98

We *hereby certify* the following Assay of 24 CORE samples submitted Sep-24-98 by DURFELD GEOLOGICAL.

Sample Name	Au-fire g/tonne
251692	0.01
251693	0.01
251694	0.02
251695	0.01
251696	0.01
251697	0.01
251698	0.01
251699	0.01
251700	0.01
251876	0.01
251877	0.01
251878	0.01
251879	0.01
251880	0.01
251881	0.01
251882	0.01
251883	0.01
251884	0.01
251885	0.01
251886	0.01
251887	0.01
251888	0.01
251889	0.01
251890	0.01

Certified by _____

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FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, BC, CANADA V0J 2N0
TELEPHONE (250) 847-3004
FAX (250) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

8V-0631-RA9

Company: **DURFELD GEOLOGICAL**
Project:
Attn: RUDI DURFELD

Oct-01-98

We *hereby certify* the following Assay of 24 CORE samples submitted Sep-24-98 by DURFELD GEOLOGICAL.

Sample Name	Au-fire g/tonne
251891	0.01
251892	0.01
251893	0.01
251894	0.01
251895	0.01
251896	0.01
251897	0.01
251898	0.01
251899	0.01
251900	0.01
251901	0.01
251902	0.01
251903	0.01
251904	0.01
251905	0.01
251906	0.01
251907	0.04
251908	0.08
251909	0.06
251910	0.01
251911	0.02
251912	0.01
251913	0.02
251914	0.02

Certified by _____

Min-En Laboratories

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FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, BC, CANADA V0J 2N0
TELEPHONE (250) 847-3004
FAX (250) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

8V-0631-RA10

Company: **DURFELD GEOLOGICAL**
Project:
Attn: RUDI DURFELD

Oct-01-98

We *hereby certify* the following Assay of 24 CORE samples submitted Sep-24-98 by DURFELD GEOLOGICAL.

Sample Name	Au-fire g/tonne
251915	0.01
251916	0.01
251917	0.01
251918	0.01
251919	0.01
251920	0.03
251921	0.02
251922	0.01
251923	0.01
251924	0.01
251925	0.01
251926	0.01
251927	0.01
251928	0.02
251929	0.01
251930	0.01
251931	0.01
251932	0.01
251933	0.01
251934	0.01
251935	0.01
251936	0.01
251937	0.01
251938	0.01

Certified by _____

Min-En Laboratories

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SMITHERS, BC, CANADA V0J 2N0
TELEPHONE (250) 847-3004
FAX (250) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

8V-0631-RA11

Company: **DURFELD GEOLOGICAL**
Project:
Attn: RUDI DURFELD

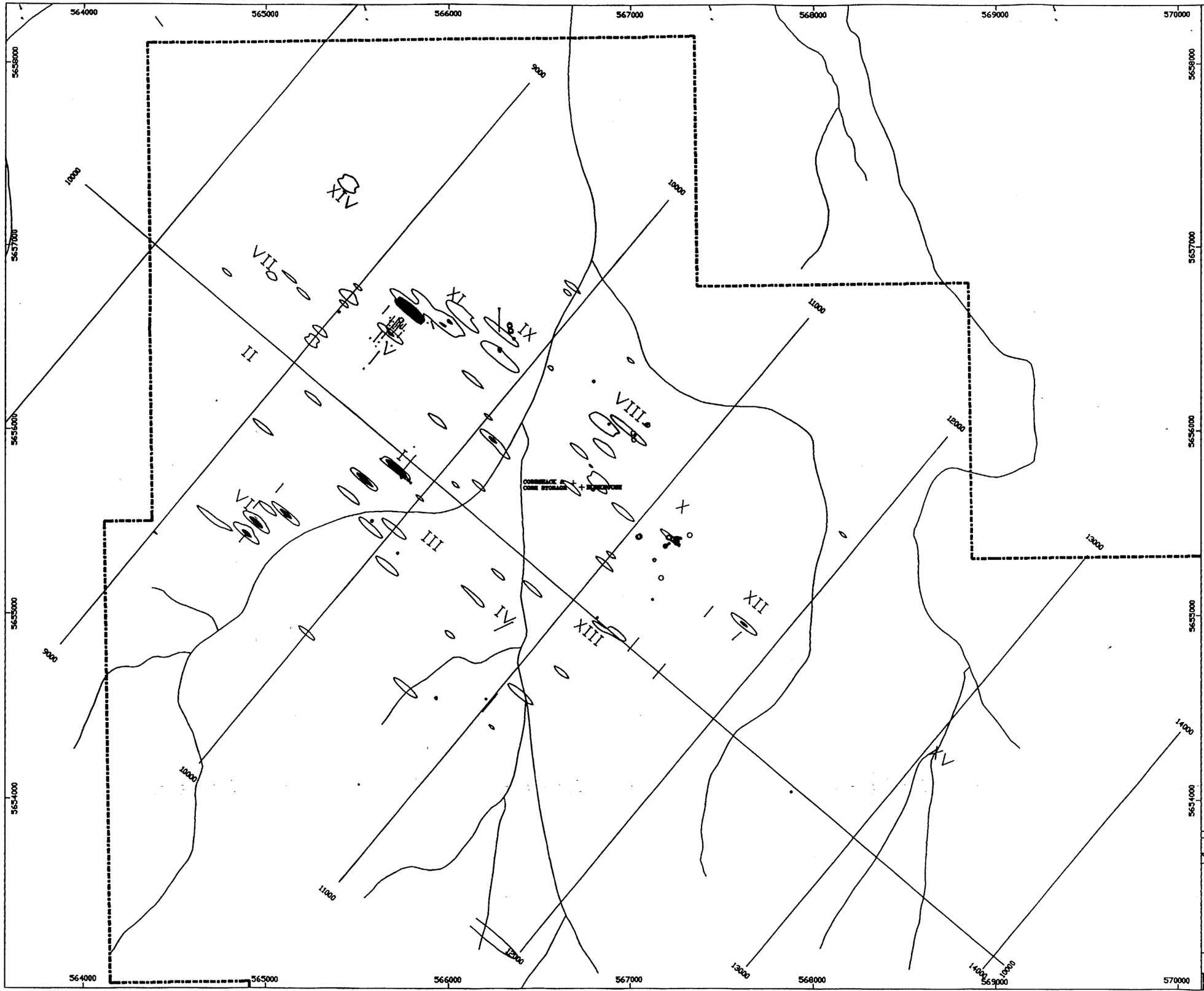
Oct-01-98

We *hereby certify* the following Assay of 12 CORE samples submitted Sep-24-98 by DURFELD GEOLOGICAL.

Sample Name	Au-fire g/tonne
251939	0.01
251940	0.01
251941	0.01
251942	0.01
251943	0.01
251944	0.01
251945	0.01
251946	0.01
251947	0.01
251948	0.01
251949	0.01
251950	0.01

Certified by _____

Min-En Laboratories

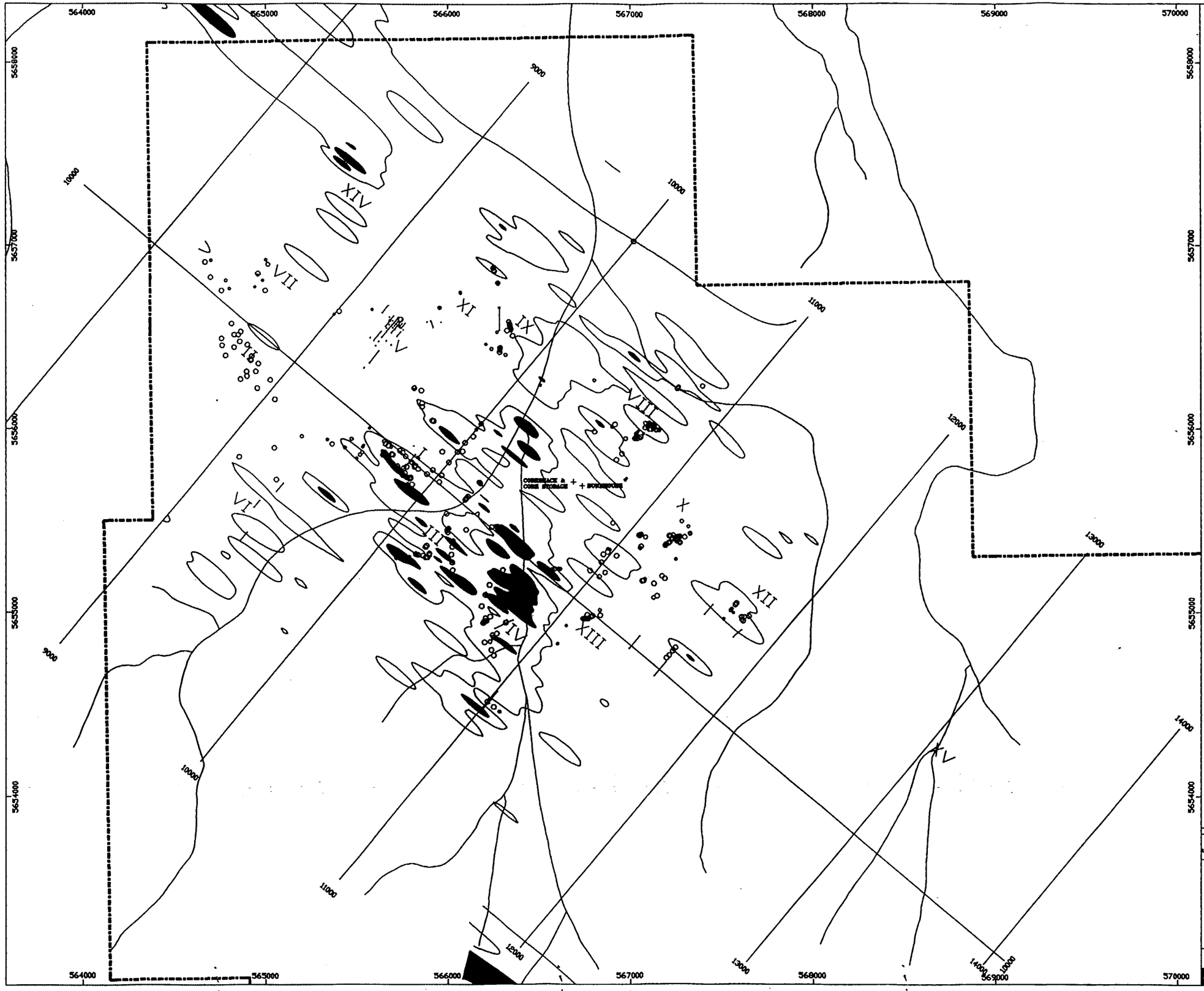


Stirrup Creek Gold Ltd.

WATSON BAR PROPERTY
GEOCHEMICAL PLAN
GOLD (ppb)
CLINTON MINING DISTRICT
Scale 1: 20000.0

16 July 1997	FIGURE: 4	NAD 83 GRID

Durfeld Geological Management Ltd.

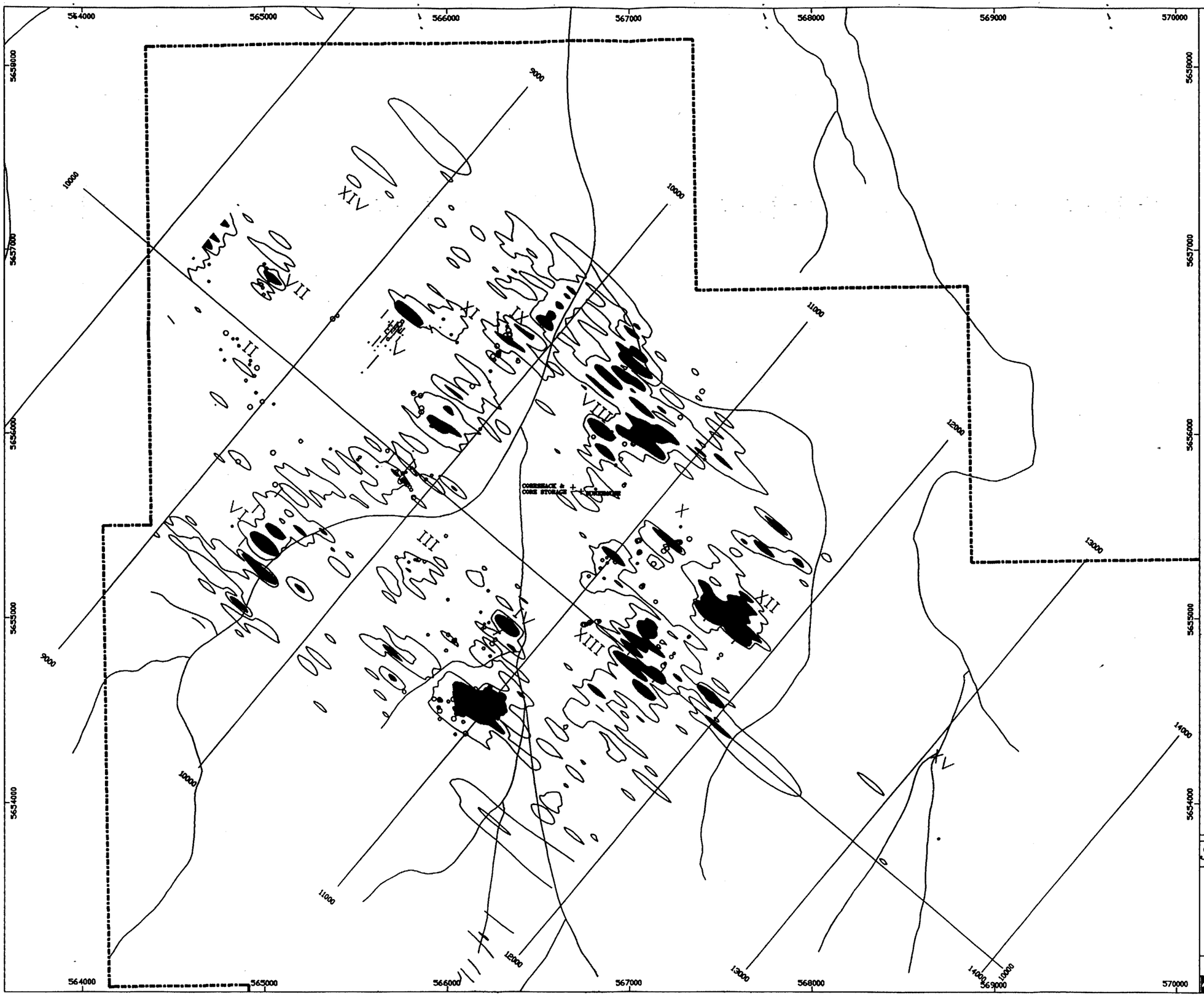


Stirrup Creek Gold Ltd.

WATSON BAR PROPERTY
GEOCHEMICAL PLAN
MERCURY (ppb)
CLINTON MINING DISTRICT
Scale 1: 20000.0

16 July 1997	FIGURE: 5	NAD 83 GRID

Durfeld Geological Management Ltd.



Stirrup Creek Gold Ltd

WATSON BAR PROPERTY
GEOCHEMICAL PLAN
ARSENIC (ppm)
CLINTON MINING DISTRICT
Scale 1: 20000.0

0 200 400 600 M

16 July 1997	FIGURE: 6	NAD 83 GRID

Durfeld Geological Management Ltd.

564000 566000 568000

5658000 5656000 5654000

BL 10+00N

See Figure 3-V For Detail

LEGEND

LITHOLOGY

QUATERNARY
OB Overburden

EOCENE AND YOUNGER
EV Eocene Volcanics

UPPER CRETACEOUS
G Granite
GD Granodiorite
FP Feldspar Porphyry

MIDDLE CRETACEOUS
AND Plagiphyric andestie flows
AN Andesite dykes

LOWER CRETACEOUS
CNG Conglomerate
SD Sandstone
SS Siltstone
ARG Argillite
UN Altered Rock

MODIFIERS
A bleached, sericitized
ASP Arsenopyrite
BIO Biotite
X Breccia
C Carbonate altered, moristone
CV Carbonate veined
CPY Chalcopyrite
GPH Graphite, graphitic
GYP Gypsum
K Kaolinized, clay altered
L Liminonitic
P Pyrite
Q Quartz
QV Quartz veined
S Silicification
SB Stibnite

Roads
Creeks
Dykes
Contacts
Faults
Claim Boundaries
Anomulous Target Locations

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

26,032

WATSON BAR PROJECT
CLINTON MINING DIVISION
GEOLOGY / DRILL PLAN
Scale 1: 5000.0
0 100 200 300 M
Date: 31-Aug-99 | NAD 83 GRID | Figure: 3
Durfeld Geological Management Ltd.

...\secondlogn\ltlbase.dgn Sep. 28, 1999 11:54:30

5656200 5656400 5656600

5656200 5656400 5656600

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA R. M. HOLMFELD GEOSCIENTIST

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

26,032

WATSON BAR PROJECT
CLINTON MINING DIVISION
Zone V Plan
NAD 83 GRID
Scale 1: 1,000.0

Date: 21-Aug-99
Figure: 3-V

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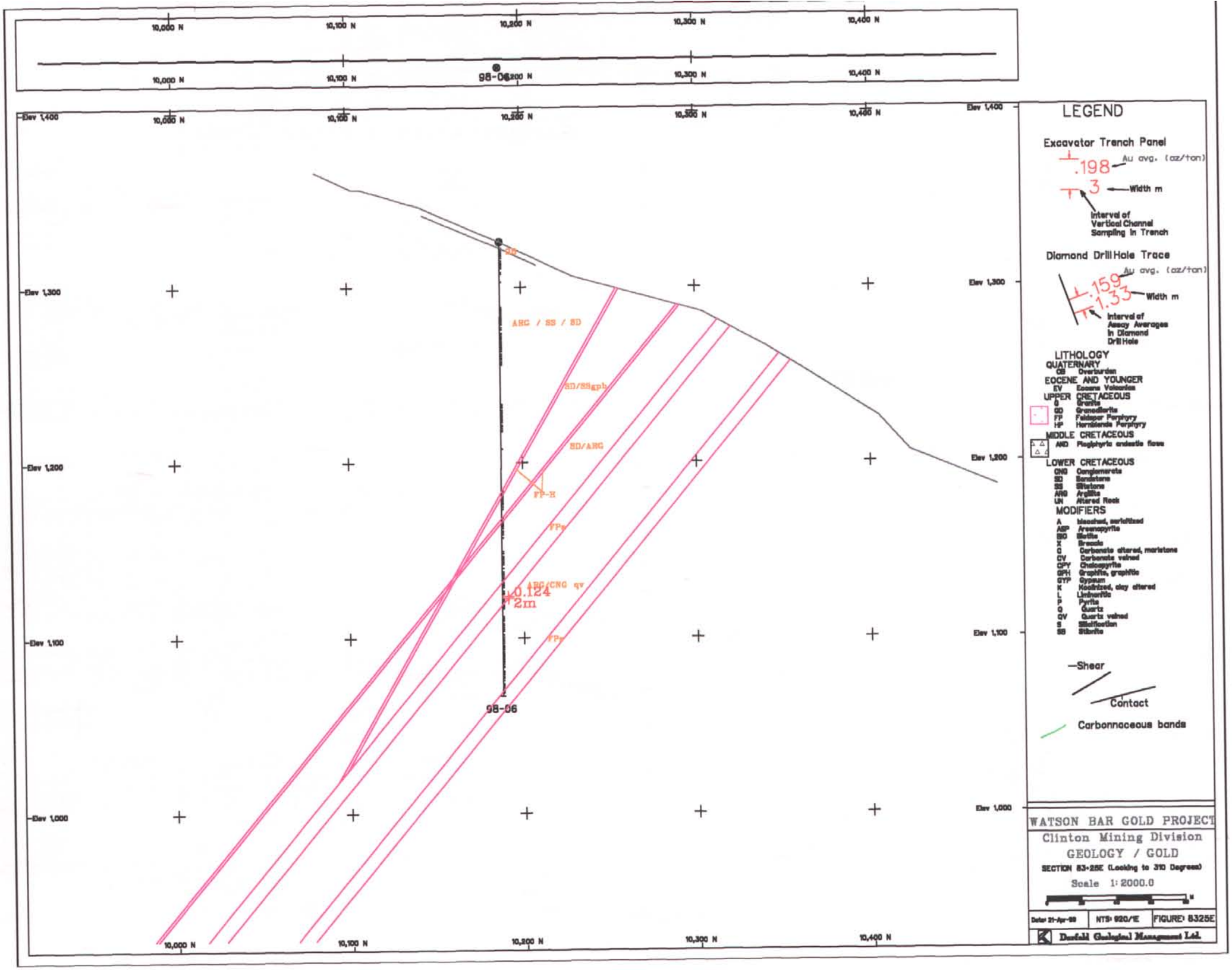
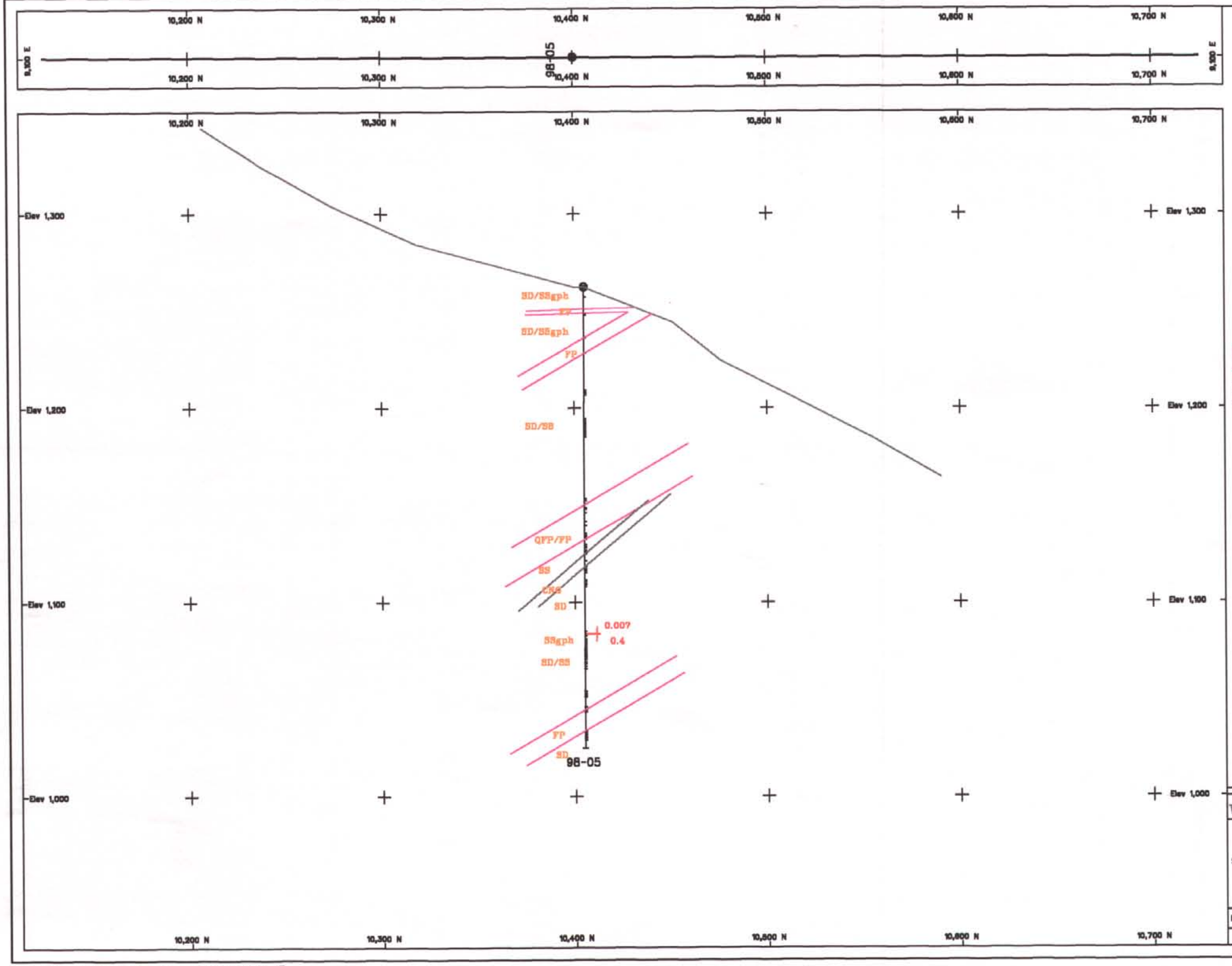

10,000 N
10,100 N
10,200 N
10,300 N
10,400 N
98-06
Elev 1,400
Elev 1,300
Elev 1,200
Elev 1,100
Elev 1,000
SD
ARG / SS / SD
SD/SSgpb
SD/ARG
FP-H
FPs
ARG/CNG qv
0.124
2m
FPs
98-06
LEGEND
Excavator Trench Panel
.198
Au avg. (oz/ton)
3
Width m
Interval of Vertical Channel Sampling in Trench
Diamond Drill Hole Trace
Au avg. (oz/ton)
.159
1.33
Width m
Interval of Assay Averages in Diamond Drill Hole
LITHOLOGY
QUATERNARY
OB Overburden
EOCENE AND YOUNGER
EV Eocene Volcanics
UPPER CRETACEOUS
G Granite
GD Granodiorite
FP Feldspar Porphyry
HP Hornblende Porphyry
MIDDLE CRETACEOUS
AND Plagioclase andesite flows
LOWER CRETACEOUS
CNG Conglomerate
SD Sandstone
SS Siltstone
ARG Argillite
UN Altered Rock
MODIFIERS
A bleached, sericitized
ASP Arsenopyrite
BIO Biotite
X Breccia
C Carbonate altered, marlstone
CV Carbonate veined
CPY Chalcopyrite
GPH Graphitic, graphite
GYP Gypsum
K Kaolinized, clay altered
L Limonitic
P Pyrite
Q Quartz
QV Quartz veined
S Silicification
SB Stibnite
Shear
Contact
Carbonaceous bands
WATSON BAR GOLD PROJECT
Clinton Mining Division
GEOLOGY / GOLD
SECTION 83+25E (Looking to 310 Degrees)
Scale 1:2000.0
Date: 21-Apr-99
NTS: 92O/1E
FIGURE: 8325E
Durfeld Geological Management Ltd.


PROFESSIONAL ENGINEER
R. M. DURFELD
BRITISH COLUMBIA
GEOSCIENTIST



LEGEND

Excavator Trench Panel

L .198 Au avg. (oz/ton)

T 3 Width m

Interval of Vertical Channel Sampling in Trench

Diamond Drill Hole Trace

Au avg. (oz/ton)

L .159

T 1.33 Width m

Interval of Assay Averages in Diamond Drill Hole

LITHOLOGY

QUATERNARY
- OB Overburden

EOCENE AND YOUNGER
- EV Eocene Volcanics

UPPER CRETACEOUS
- G Granite
- GD Granodiorite
- FP Feldspar Porphyry
- HP Hornblende Porphyry

MIDDLE CRETACEOUS
- AND Plagioclase andesite flows

LOWER CRETACEOUS
- CNG Conglomerate
- SD Sandstone
- SS Siltstone
- ARG Argillite
- UN Altered Rock

MODIFIERS
- A Bleached, sericitized
- ASP Arsenopyrite
- BIO Biotite
- X Breccia
- C Carbonate altered, moristone
- CV Carbonate veined
- CPY Chalcopyrite
- GPH Graphite, graphitic
- GYP Gypsum
- K Kaolinized, clay altered
- L Limonite
- P Pyrite
- Q Quartz
- QV Quartz veined
- S Silicification
- SB Stibnite

Shear

Contact

Carbonnaceous bands

Quartz veining

WATSON BAR GOLD PROJECT

Clinton Mining Division

GEOLOGY / GOLD

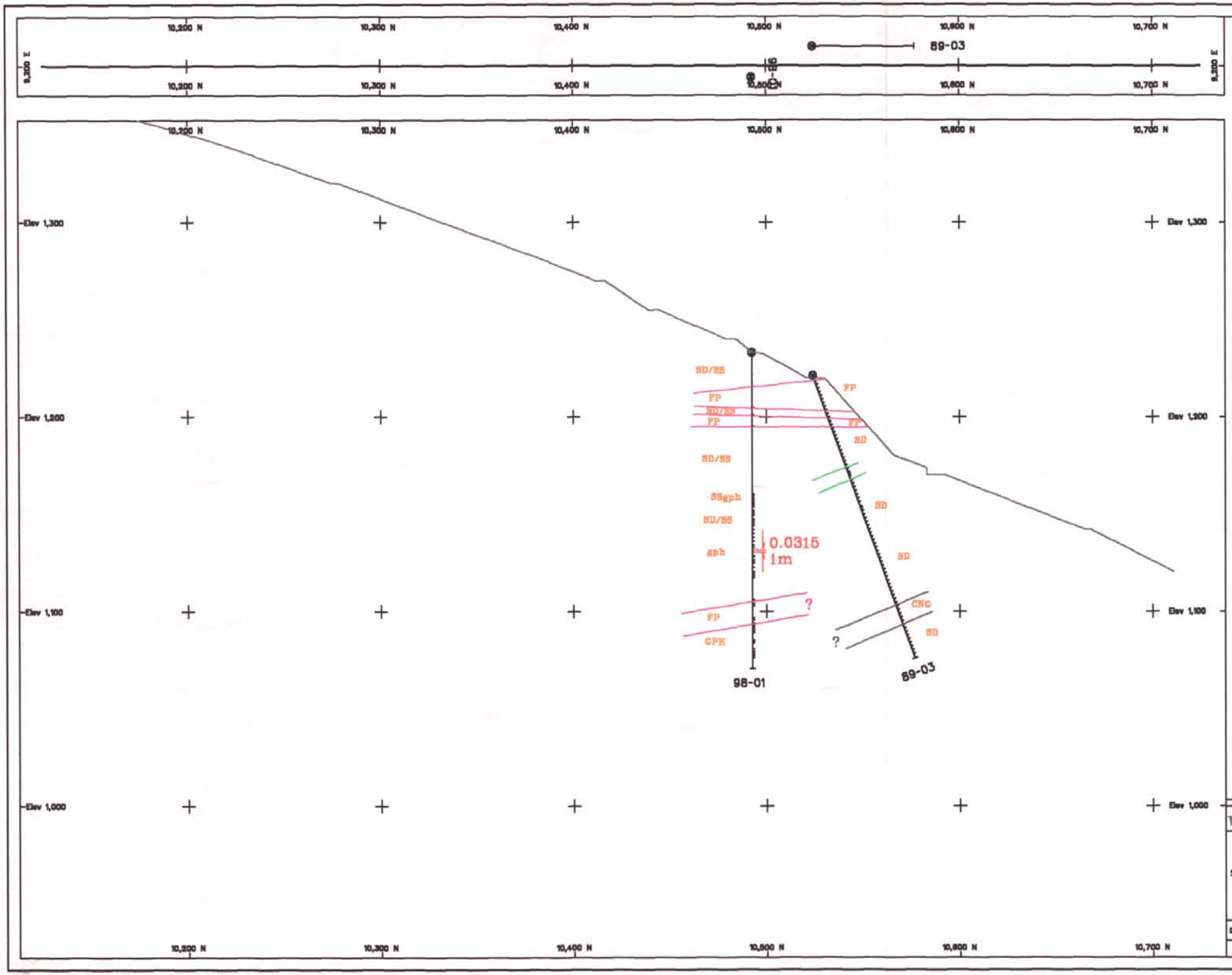
SECTION 91+00E (Looking to 310 Degrees)

Scale 1: 2000.0

Date: 28-Apr-99 | NTS: 92O/E | FIGURE: 9100E

Duefield Geological Management Ltd.

...\second\dgn\99-9100.dgn Sep. 27, 1999 11:29:47



LEGEND

Excavator Trench Panel

.198 Au avg. (oz/ton)
3 Width m
Interval of Vertical Channel Sampling in Trench

Diamond Drill Hole Trace

.159 Au avg. (oz/ton)
1.33 Width m
Interval of Assay Averages in Diamond Drill Hole

LITHOLOGY

QUATERNARY
- OB Overburden

EOCENE AND YOUNGER
- EV Eocene Volcanics

UPPER CRETACEOUS
- G Granite
- GD Granodiorite
- FP Feldspar Porphyry
- HP Hornblende Porphyry

MIDDLE CRETACEOUS
- AND Plagioclase andesite flows

LOWER CRETACEOUS
- CNG Conglomerate
- SD Sandstone
- SS Siltstone
- ARG Argillite
- UN Altered Rock

MODIFIERS

- A bleached, serialized
- ASP Arsenopyrite
- BIO Biotite
- X Breccia
- C Carbonate altered, maristone
- CV Carbonate veined
- CPY Chalcopyrite
- GPH Graphite, graphitic
- GYP Gypsum
- K Kaolinized, clay altered
- L Limonitic
- P Pyrite
- Q Quartz
- QV Quartz veined
- S Silicification
- SB Stibnite

—Shear

Contact

Carbonnaceous bands

Quartz veining

PROFESSIONAL GEOSCIENTIST — PROVINCE OF BRITISH COLUMBIA — R. M. DURFELD

WATSON BAR GOLD PROJECT

Clinton Mining Division

GEOLOGY / GOLD

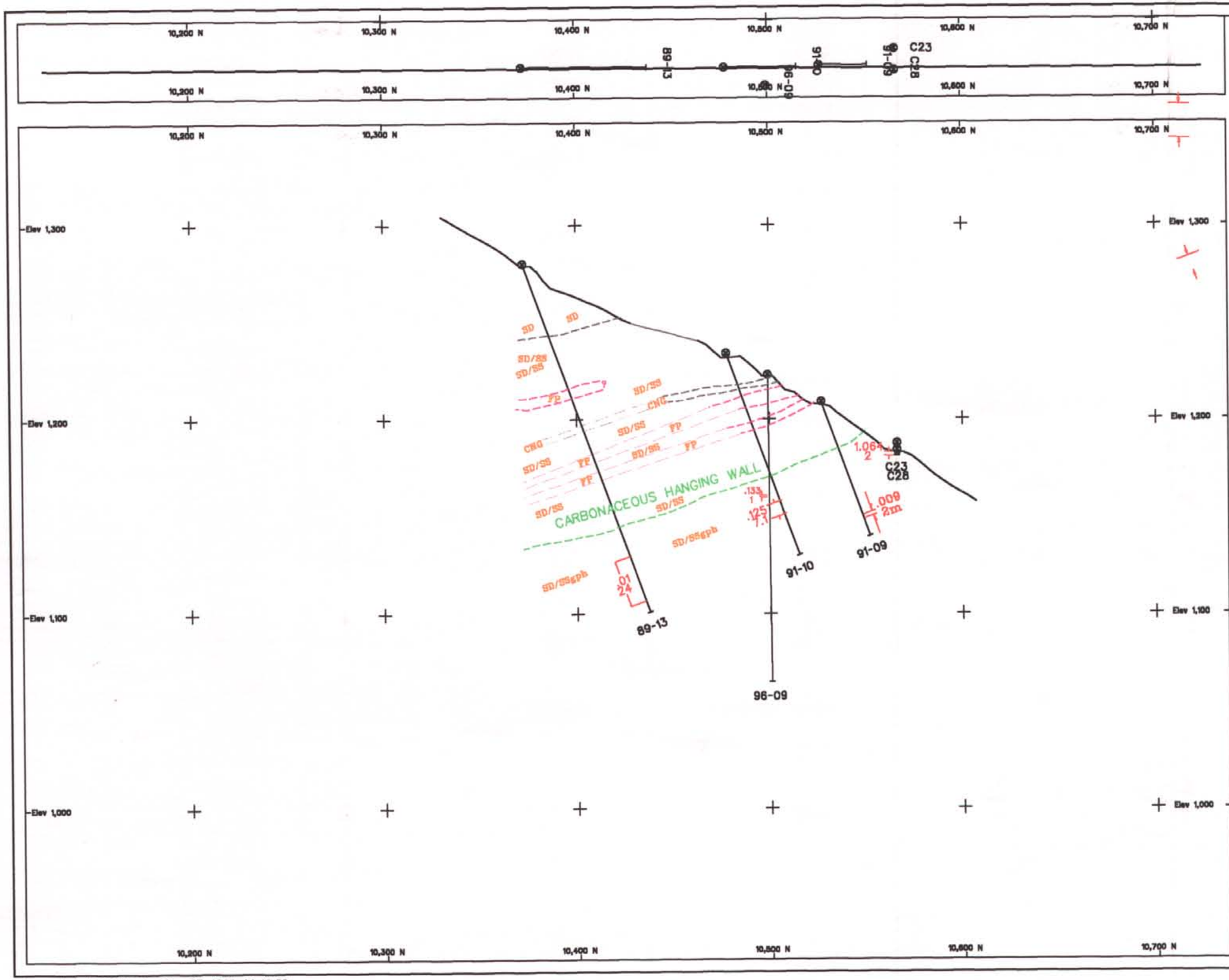
SECTION 92+00E (Looking to 310 Degrees)

Scale 1: 2000.0

Date: 29-Apr-99	NTS: 92O/E	FIGURE: 9200E

Dunfield Geological Management Ltd.

...\second\dgn\99-9200.dgn Sep. 27, 1999 11:41:25



LEGEND

Excavator Trench Panel

.198 — Au avg. (oz/ton)

3 — Width m

Interval of Vertical Channel Sampling in Trench

Diamond Drill Hole Trace

Au avg. (oz/ton)

1.59

1.33 — Width m

Interval of Assay Averages in Diamond Drill Hole

LITHOLOGY

QUATERNARY
- OB Overburden

EOCENE AND YOUNGER
- EV Eocene Volcanics

UPPER CRETACEOUS
- G Granite
- GD Granodiorite
- FP Feldspar Porphyry
- HP Hornblende Porphyry

MIDDLE CRETACEOUS
- AND Plagioclase andesite flows

LOWER CRETACEOUS
- CNG Conglomerate
- SD Sandstone
- SS Siltstone
- ARG Argillite
- UN Altered Rock

MODIFIERS
- A bleached, serisitized
- ASP Arsenopyrite
- BIO Biotite
- X Breccia
- C Carbonate altered, moristone
- CV Carbonate veined
- CPY Chalcopyrite
- GPH Graphite, graphitic
- GYP Gypsum
- K Kaolinized, clay altered
- L Limonitic
- P Pyrite
- Q Quartz
- QV Quartz veined
- S Silicification
- SB Stibnite

Shear

Contact

Carbonnaceous bands

Quartz veining

WATSON BAR GOLD PROJECT

Clinton Mining Division

GEOLOGY / GOLD

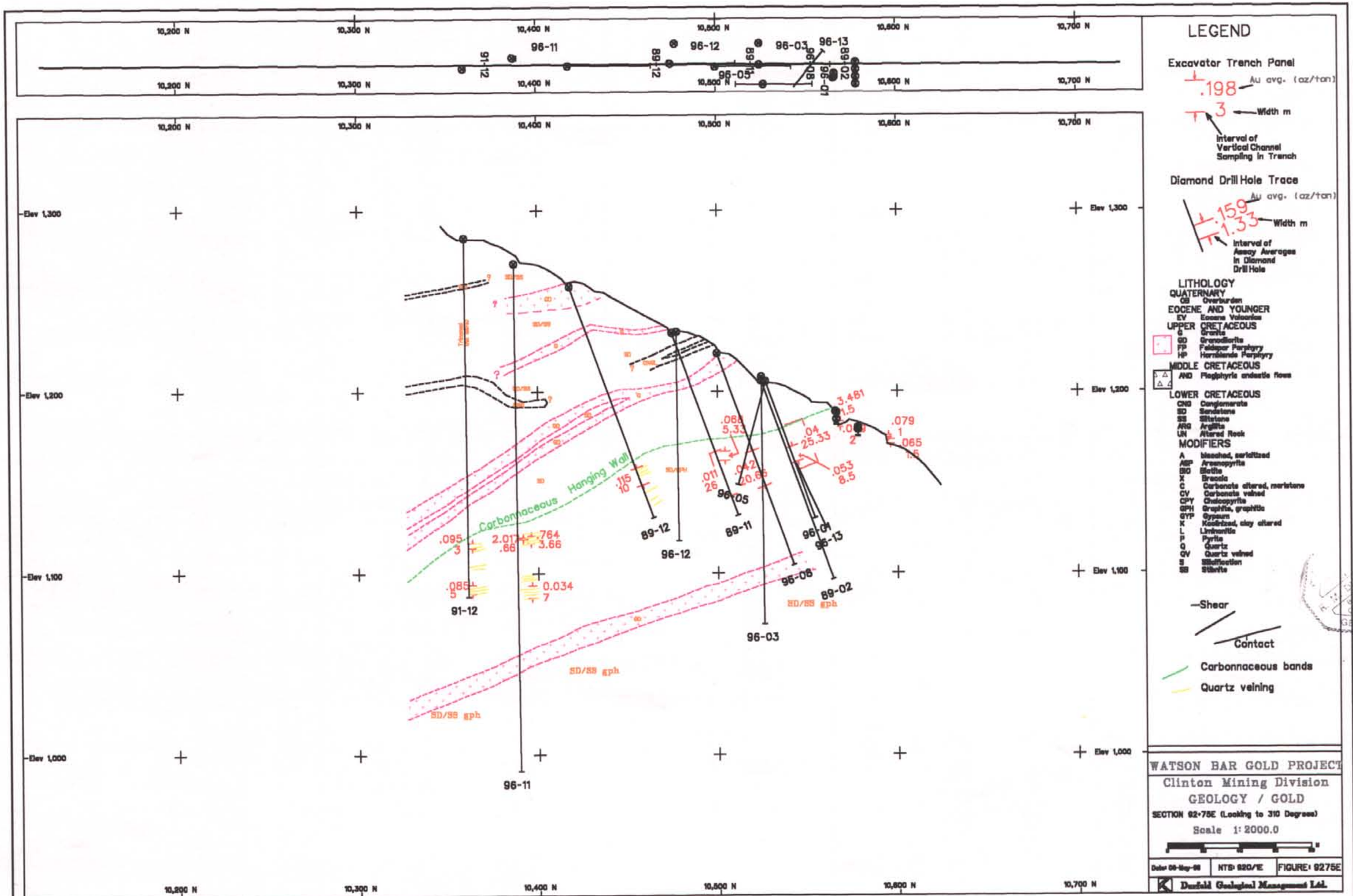
SECTION 92+50E (Looking to 310 Degrees)

Scale 1: 2000.0

Date: 06-Sep-99 | NTS: 92O/E | FIGURE: 9250E

Dunfield Geological Management Ltd.

...\second\dgn\99-9250.dgn Sep. 27, 1999 11:46:52



LEGEND

Excavator Trench Panel

.198 Au avg. (oz/ton)

3 Width m

Interval of Vertical Channel Sampling in Trench

Diamond Drill Hole Trace

Au avg. (oz/ton)

.159
1.33 Width m

Interval of Assay Averages in Diamond Drill Hole

LITHOLOGY

QUATERNARY
- OB Overburden

EOCENE AND YOUNGER
- EV Eocene Volcanics

UPPER CRETACEOUS
- G Granite
- GD Granodiorite
- FP Feldspar Porphyry
- HP Hornblende Porphyry

MIDDLE CRETACEOUS
- AND Plagioclase andesite flows

LOWER CRETACEOUS
- CNG Conglomerate
- SD Sandstone
- SS Siltstone
- ARG Argillite
- UN Altered Rock

MODIFIERS
- A bleached, sericitized
- ASP Arsenopyrite
- BIO Biotite
- X Breccia
- C Carbonate altered, moristone
- CV Carbonate veined
- CPY Chalcopyrite
- GPH Graphitic, graphitic
- GYP Gypsum
- K Kaolinized, clay altered
- L Limonitic
- P Pyritic
- Q Quartz
- QV Quartz veined
- S Silicification
- SB Stibnite

Shear

Contact

Carbonnaceous bands

Quartz veining

WATSON BAR GOLD PROJECT

Clinton Mining Division

GEOLOGY / GOLD

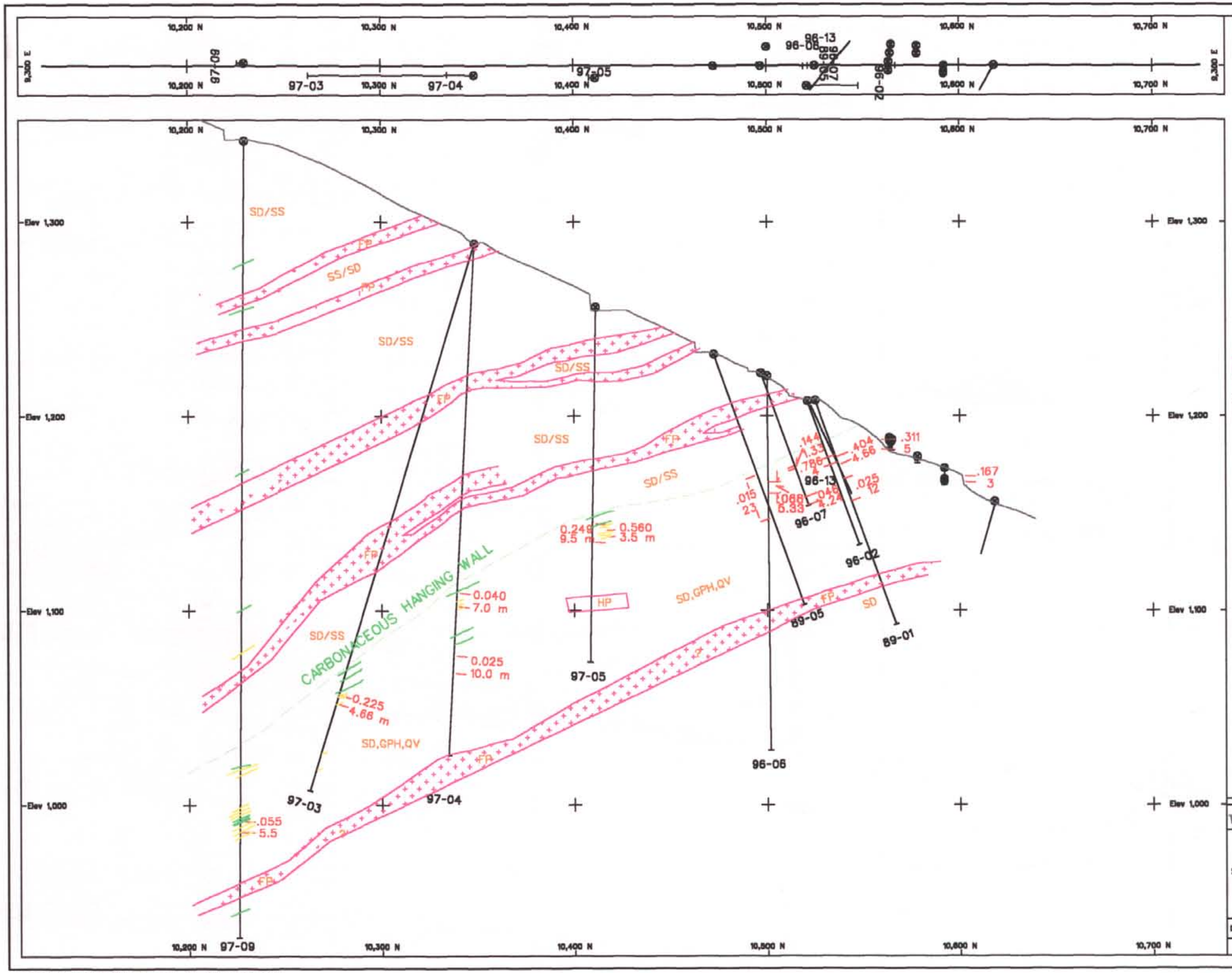
SECTION 92+75E (Looking to 310 Degrees)

Scale 1:2000.0

Date: 08-May-98	NTS: 92O/E	FIGURE: 9275E

Duefield Geological Management Ltd.

...\second\dgn\99-9275.dgn Sep. 27, 1999 11:50:41



LEGEND

Excavator Trench Panel

.198 — Au avg. (oz/ton)

3 — Width m

Interval of Vertical Channel Sampling in Trench

Diamond Drill Hole Trace

.159 — Au avg. (oz/ton)

1.33 — Width m

Interval of Assay Averages in Diamond Drill Hole

LITHOLOGY

QUATERNARY
- OB Overburden

EOCENE AND YOUNGER
- EV Eocene Volcanics

UPPER CRETACEOUS
- G Granite
- GD Granodiorite
- FP Feldspar Porphyry
- HP Hornblende Porphyry

MIDDLE CRETACEOUS
- AND Plagioclase andesite flows

LOWER CRETACEOUS
- CNG Conglomerate
- SD Sandstone
- SS Siltstone
- ARG Argillite
- UN Altered Rock

MODIFIERS
- A Bleached, serialized
- ASP Arsenopyrite
- BIO Biotite
- X Breccia
- C Carbonate altered, moristone
- CV Carbonate veined
- CPY Chalcopyrite
- GPH Graphite, graphitic
- GYP Gypsum
- K Kaolinized, clay altered
- L Limonite
- P Pyrite
- Q Quartz
- QV Quartz veined
- S Silicification
- SB Stibnite

Shear — Surface Trace — Contact

Carbonaceous bands

Quartz veining

WATSON BAR GOLD PROJECT

Clinton Mining Division

GEOLOGY / GOLD

SECTION 93+00E (Looking to 310 Degrees)

Scale 1:2000.0

Date: 06-May-99	NTS: 920/E	FIGURE: 9300E

Durfeld Geological Management Ltd.

10,200 N | 10,300 N | 10,400 N | 10,500 N | 10,600 N | 10,700 N

96-13

98-02 | 89-10 | 89-04 | C38 | FHELP

Elev 1,300 | Elev 1,200 | Elev 1,100 | Elev 1,000

SDGPH | G | SD | SD/SS | .005 | .016 / 1m | .015 / 2m | CARBONACEOUS 0.6m HANGING WALL | .614 1.5 | .648 2.5 | .099 0.6

LEGEND

Excavator Trench Panel

.198 Au avg. (oz/ton)

3 Width m

Interval of Vertical Channel Sampling in Trench

Diamond Drill Hole Trace

.159 Au avg. (oz/ton)

1.33 Width m

Interval of Assay Averages in Diamond Drill Hole

LITHOLOGY

QUATERNARY
- OB Overburden

EOCENE AND YOUNGER
- EV Eocene Volcanics

UPPER CRETACEOUS
- G Granite
- GD Granodiorite
- FP Feldspar Porphyry
- HP Hornblende Porphyry

MIDDLE CRETACEOUS
- AND Plagioclase andesite flows

LOWER CRETACEOUS
- CNG Conglomerate
- SD Sandstone
- SS Siltstone
- ARG Argillite
- LN Altered Rock

MODIFIERS
- A bleached, sericitized
- ASP Arsenopyrite
- BIO Biotite
- X Breccia
- C Carbonate altered, marstone
- CV Carbonate veined
- CPY Chalcopyrite
- GPH Graphitic, graphitic
- GYP Gypsum
- K Kaolinized, clay altered
- L Limonitic
- P Pyrite
- Q Quartz
- QV Quartz veined
- S Silicification
- SB Siderite

Shear | Surface Trace | Contact

Carbonnaceous bands

Quartz veining

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA W. DURFELD GEOSCIENTIST

WATSON BAR GOLD PROJECT

Clinton Mining Division

GEOLOGY / GOLD

SECTION 93+25E (Looking to 310 Degrees)

Scale 1: 2000.0

Date: 07-May-99 | NTS: 92O/1E | FIGURE: 9325E

Durfeld Geological Management Ltd.

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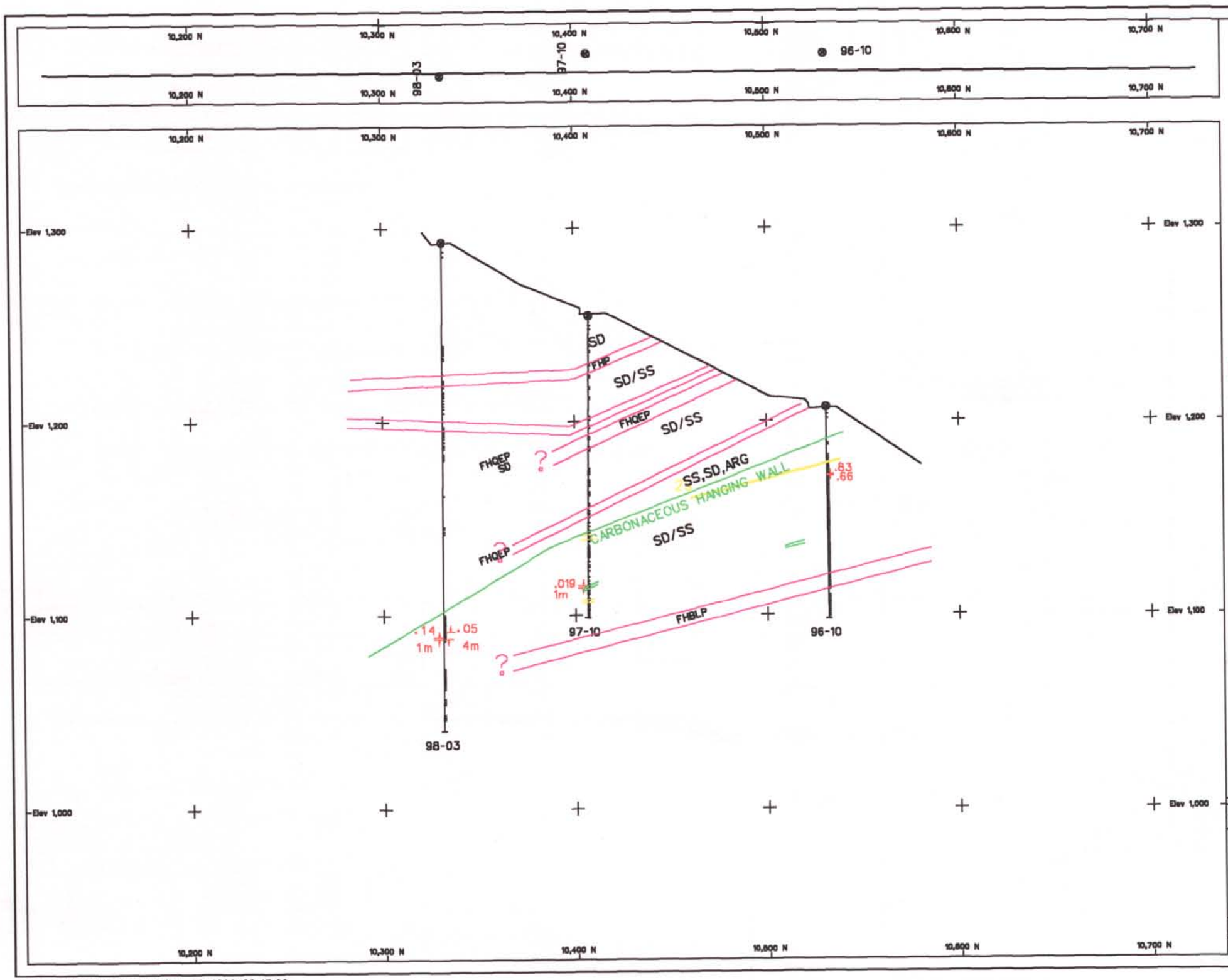

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10,200 N | 10,300 N | 10,400 N | 10,500 N | 10,600 N | 10,700 N

98-04

Elev 1,300 | Elev 1,200 | Elev 1,100 | Elev 1,000

OB
SD/SS
FP
SD/SSCv
HP
SD/SSqvasp
FPqvasp
SD/SS
SSgphq
QFP
SD/SS
SSgphqv
SSgpb
SD
LMS
SD/SS

.01
2

.012
1.2
.014
1.5

98-04

LEGEND

Excavator Trench Panel

.198 Au avg. (oz/ton)
3 Width m
Interval of Vertical Channel Sampling in Trench

Diamond Drill Hole Trace

.159 Au avg. (oz/ton)
1.33 Width m
Interval of Assay Averages in Diamond Drill Hole

LITHOLOGY

QUATERNARY
OB Overburden

EOCENE AND YOUNGER
EV Eocene Volcanics

UPPER CRETACEOUS
G Granite
GD Granodiorite
FP Feldspar Porphyry
HP Hornblende Porphyry

MIDDLE CRETACEOUS
AND Plagioclase porphyritic andesite flows

LOWER CRETACEOUS
CNG Conglomerate
SD Sandstone
SS Siltstone
ARG Argillite
LN Altered Rock

MODIFIERS
A bleached, sericitized
ASP Arsenopyrite
BIO Biotite
X Breccia
C Carbonate altered, moristone
CV Carbonate veined
CPY Chalcopyrite
GPH Graphitic, graphitic
GYP Gypsum
K Kaolinized, clay altered
L Limonitic
P Pyrite
Q Quartz
QV Quartz veined
S Silicification
SB Siltstone

—Shear
Contact
Carbonaceous bands
Quartz veining

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA J. M. DURFELD GEOSCIENTIST

WATSON BAR GOLD PROJECT
Clinton Mining Division
GEOLOGY / GOLD
SECTION 95+25E (Looking to 310 Degrees)
Scale 1: 2000.0

Date: 10-May-99 | NTS: 92O/1E | FIGURE: 9525E

Duefield Geological Management Ltd.

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9,700 N | 9,800 N | 9,900 N | 10,000 N | 10,100 N | 10,200 N

9,800 E

91-11

97-08

97-07

98-11

Elev 1,200

Elev 1,100

Elev 1,000

OB

HP

SD/SS

FP

ARG

SS

SD/SS

FPs

SD

FP

QVbx

SS/SD

GPH

SS/SD

SD

FP

SD/SS

SD/SS/GPH

FP

SD/SS

SD/SS

SD/SS

FP

FP

SD/SS

FP

.042 / 3

.071 / 1

SD/SS .030

.031 / 6

.025

LEGEND

Excavator Trench Panel

.198 — Au avg. (oz/ton)

3 — Width m

Interval of Vertical Channel Sampling in Trench

Diamond Drill Hole Trace

.159 — Au avg. (oz/ton)

1.33 — Width m

Interval of Assay Averages in Diamond Drill Hole

LITHOLOGY

QUATERNARY
- OB Overburden

EOCENE AND YOUNGER
- EV Eocene Volcanics

UPPER CRETACEOUS
- G Granite
- GD Granodiorite
- FP Feldspar Porphyry
- HP Hornblende Porphyry

MIDDLE CRETACEOUS
- AND Plagioclase andesite flows

LOWER CRETACEOUS
- CNG Conglomerate
- SD Sandstone
- SS Siltstone
- ARG Argillite
- UN Altered Rock

MODIFIERS
- A bleached, sericitized
- ASP Arsenopyrite
- BIO Biotite
- X Breccia
- C Carbonate altered, moderate
- CV Carbonate veined
- CPY Chalcopyrite
- GPH Graphite, graphitic
- GYP Gypsum
- K Kaolinized, clay altered
- L Limonite
- P Pyrite
- Q Quartz
- QV Quartz veined
- S Silicification
- SR Siderite

Shear — Surface Trace — Contact

Carbonnaceous bands

Quartz veining

PROFESSIONAL GEOSCIENTIST — PROVINCE OF BRITISH COLUMBIA — R. M. DURFELD

WATSON BAR GOLD PROJECT

Clinton Mining Division

GEOLOGY / GOLD

SECTION 98+00E (Looking to 310 Degrees)

Scale 1: 2000.0

Date: 10-May-99 | NTS: 92O/1E | FIGURE: 9800E

Durfeld Geological Management Ltd.

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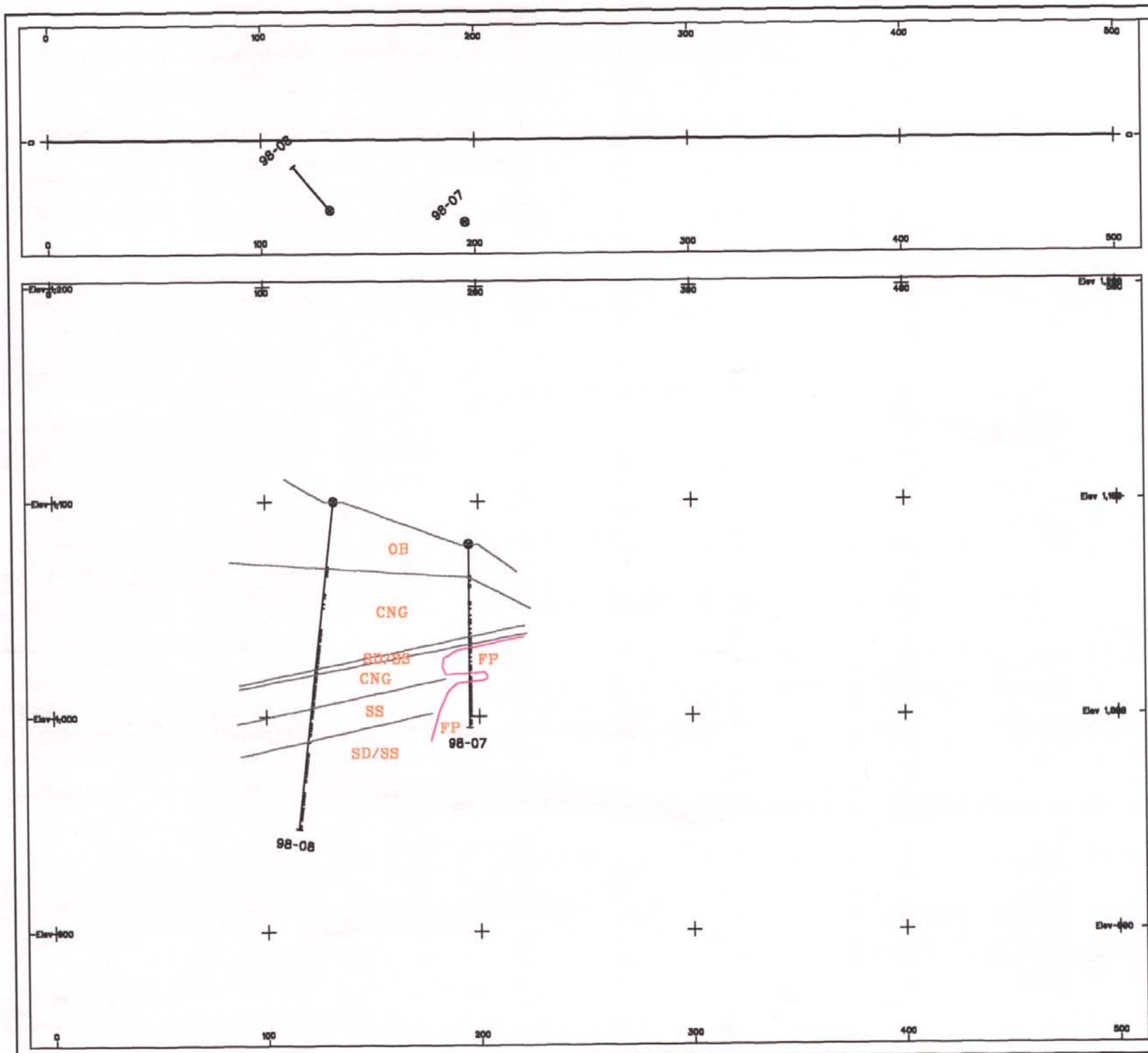

LEGEND

Excavator Trench Panel

.198 Au avg. (oz/ton)

3 Width m

Interval of Vertical Channel Sampling in Trench

Diamond Drill Hole Trace

.159 Au avg. (oz/ton)

1.33 Width m

Interval of Assay Averages in Diamond Drill Hole

LITHOLOGY

QUATERNARY
- OB Overburden

EOCENE AND YOUNGER
- EV Eocene Volcanics

UPPER CRETACEOUS
- G Granite
- GD Granodiorite
- FP Feldspar Porphyry
- HP Hornblende Porphyry

MIDDLE CRETACEOUS
- AND Plagiphyric andesitic flows

LOWER CRETACEOUS
- CNG Conglomerate
- SD Sandstone
- SS Siltstone
- ARG Argillite
- LN Altered Rock

MODIFIERS
- A bleached, sericitized
- ASP Arsenopyrite
- BIO Biotite
- X Breccia
- C Carbonate altered, marlstone
- CV Carbonate veined
- CPY Chalcopyrite
- GPH Graphite, graphitic
- GYP Gypsum
- K Kaolinized, clay altered
- L Limonitic
- P Pyrite
- Q Quartz
- QV Quartz veined
- S Silicification
- SB Stibnite

Shear

Contact

Carbonaceous bands

Quartz veining

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA R. M. DURFELD GEOSCIENTIST

WATSON BAR GOLD PROJECT

Clinton Mining Division

GEOLOGY / GOLD

SECTION 108+00 (Looking to 120 Degrees)

Scale 1: 2000.0

Date: 10-May-99 | NTS: 92O/1E | FIGURE: 10800

Durfeld Geological Management Ltd.

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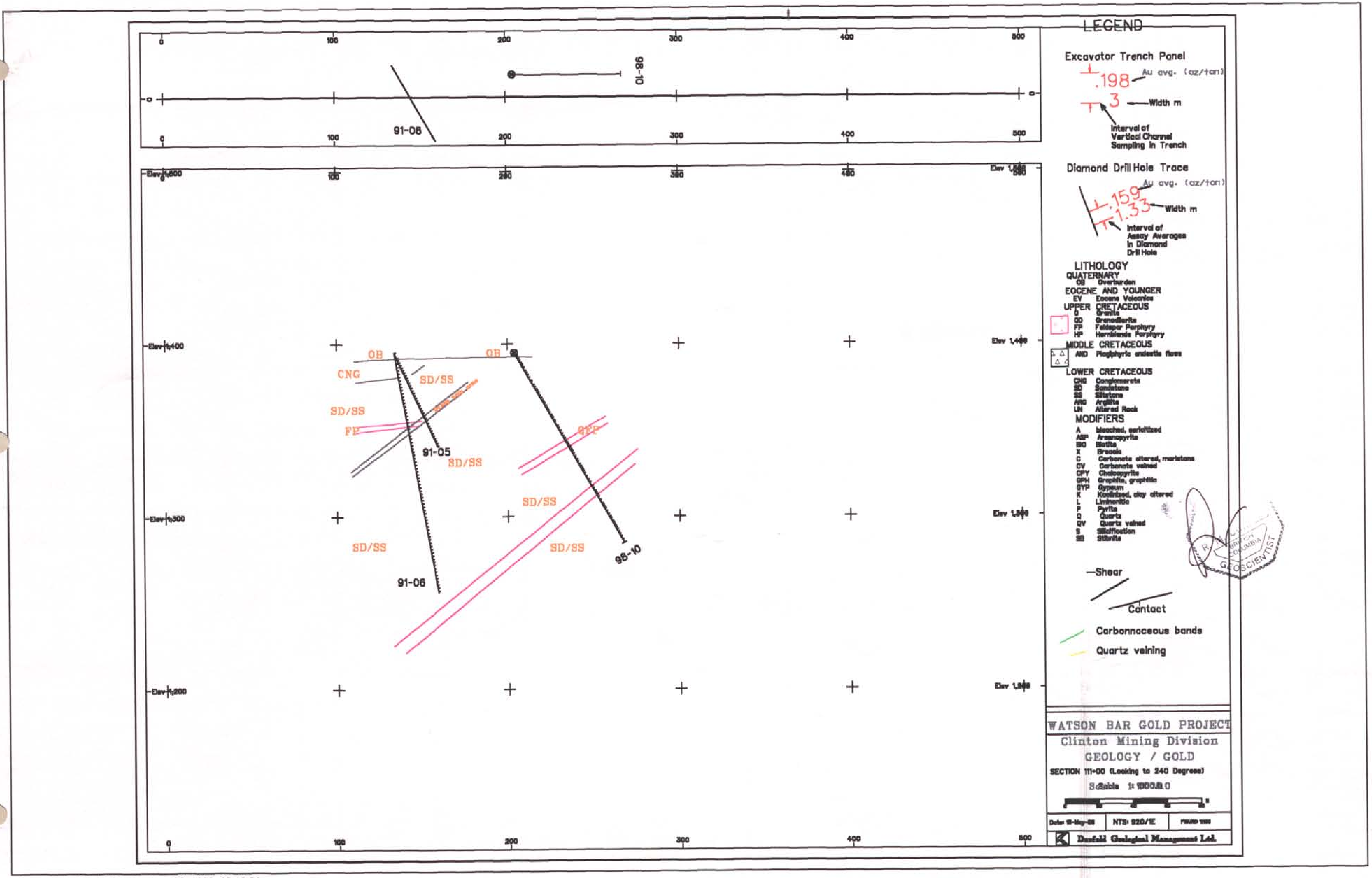

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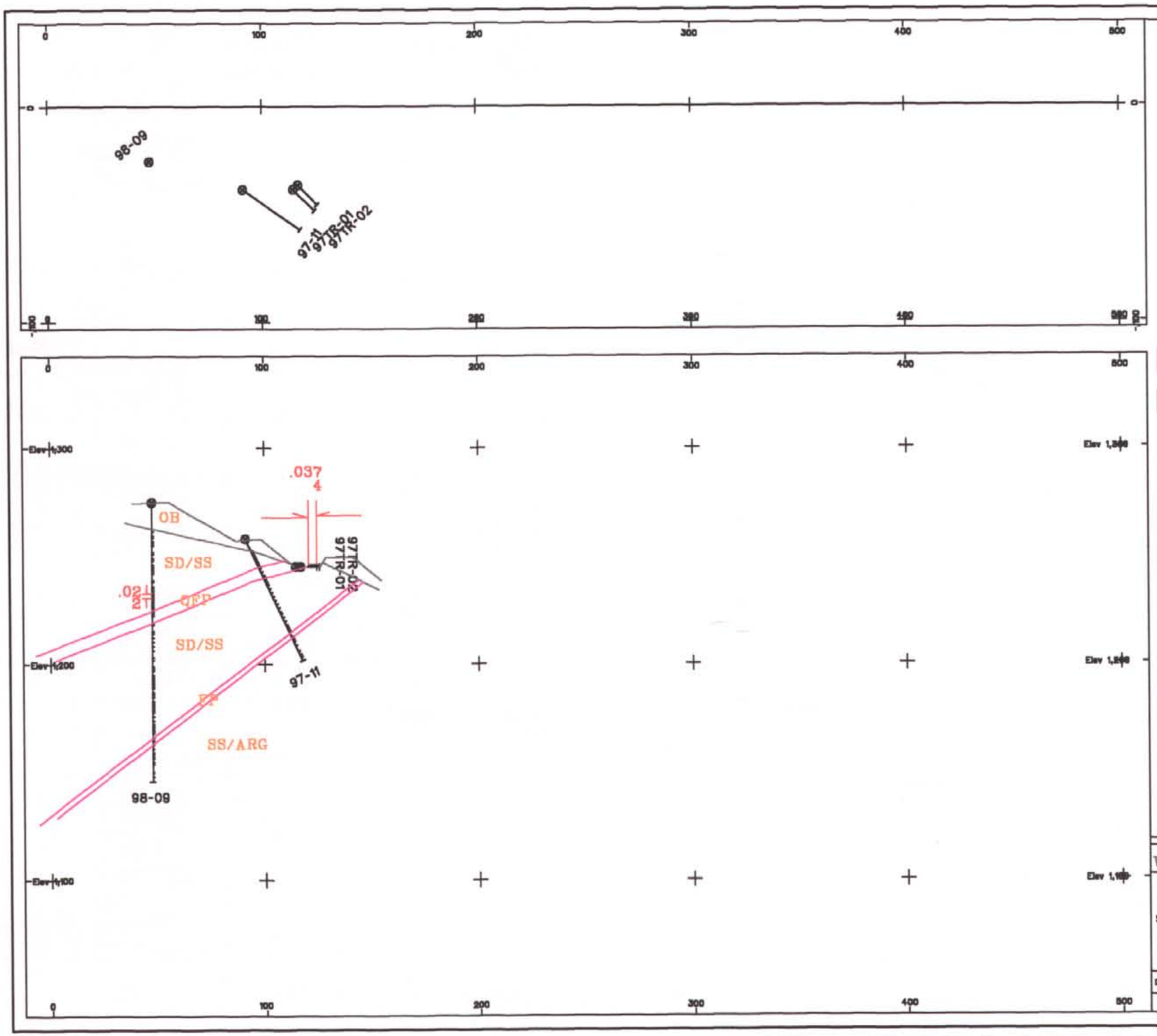

LEGEND

Excavator Trench Panel

.198 Au avg. (oz/ton)

3 Width m

Interval of Vertical Channel Sampling in Trench

Diamond Drill Hole Trace

.159 Au avg. (oz/ton)

1.33 Width m

Interval of Assay Averages in Diamond Drill Hole

LITHOLOGY

QUATERNARY
- OB Overburden

EOCENE AND YOUNGER
- EV Eocene Volcanics

UPPER CRETACEOUS
- G Granite
- GD Granodiorite
- FP Feldspar Porphyry
- HP Hornblende Porphyry

MIDDLE CRETACEOUS
- AND Plagioclase andesite flows

LOWER CRETACEOUS
- CNG Conglomerate
- SD Sandstone
- SS Siltstone
- ARG Argillite
- UN Altered Rock

MODIFIERS
- A bleached, serisitized
- ASP Arsenopyrite
- BIO Biotite
- X Breccia
- C Carbonate altered, moristone
- CV Carbonate veined
- CPY Chalcopyrite
- GPH Graphite, graphitic
- GYP Gypsum
- K Kaolinized, clay altered
- L Limonitic
- P Pyrite
- Q Quartz
- QV Quartz veined
- S Silicification
- STB Stibnite

Shear

Contact

Carbonaceous bands

Quartz veining

R. M. [illegible]
BRITISH COLUMBIA
GEOSCIENTIST

WATSON BAR GOLD PROJECT

Clinton Mining Division

GEOLOGY / GOLD

SECTION 113+00 (Looking to 210 Degrees)

Scale 1:2000.0

Date: 12-May-99 | NTS: 92O/1E | FIGURE: 11300

Dunfield Geological Management Ltd.

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