

Cascadia International Resources Inc.

1998 DRILLING PROGRAM ON THE FAWN 1-7 CLAIMS

Located on the Nechako Plateau Omineca Mining Division NTS 93F/3E 53° 12' North Latitude 125° 08' West Longitude

-prepared for-

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December, 1998

1998 DRILLING PROGRAM ON THE FAWN 1-7 CLAIMS

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1.0 INTRODUCTION

The Fawn property is located on the Nechako Plateau, approximately 120 kilometres southwest of Vanderhoof in central British Columbia. It is underlain by felsic and andesitic Hazelton Group volcanosedimentary rocks cut by the Late Cretaceous Capoose Lake Batholith and by feeder dykes to the Eocene Ootsa Lake Group felsic to andesitic volcanics. BP Minerals Ltd. carried out geological mapping, soil sampling and backhoe trenching on the property from 1981 to 1984, defining coincident zinc-silver-lead soil anomalies over an area of 3000 metres by 700 metres. It was restaked as the Fawn property and Western Keltic Mines Inc. conducted mapping, prospecting, soil sampling, geophysical surveys and 617 metres of diamond drilling from 1991 through 1994. Four open-ended, subparallel VLF-EM conductors, with a total strike length of 6,400 metres, were defined within the soil geochemical anomaly. Drilling on one of these, the Giver Zone, showed it to correspond to epithermal chaicedony stockwork/breccia within a 18-32 metre wide zone sericite-clay alteration; the best intersection assayed 2.0 g/t Au across 8.1 metres.

A 620 metre diamond drilling program was carried out in March and April of 1997, to intersect the Giver Zone conductor along strike from the 1994 drilling and to test one of its splays which had yielded auriferous subcrop mineralization. The best intersection on the Giver Zone was from hole FWN97-06 which intersected 1.08 g/t Au across 10.2 metres. The Giver Zone splay was tested and determined to be a narrow zone that did not warrant further work. Limited mapping and soil sampling were carried out in conjunction with the drillisite reclamation.

The Malaput showing, first reported on in 1994 (Diakow and Webster, 1994) was soil sampled and mapped by Western Keltic Mines Inc. in 1994. Results indicated geochemically anomalous gold, lead, arsenic and zinc values from soil and rocks overlying the zone of silica, sericite and ankerite alteration with drusy quartz veinlets. A 744.0 metre diamond drilling program was carried out in August of 1998 to test the Malaput Showing. Equity Engineering Ltd. conducted this drill program for Cascadia International Resources Inc. and has been retained to report on the fieldwork.

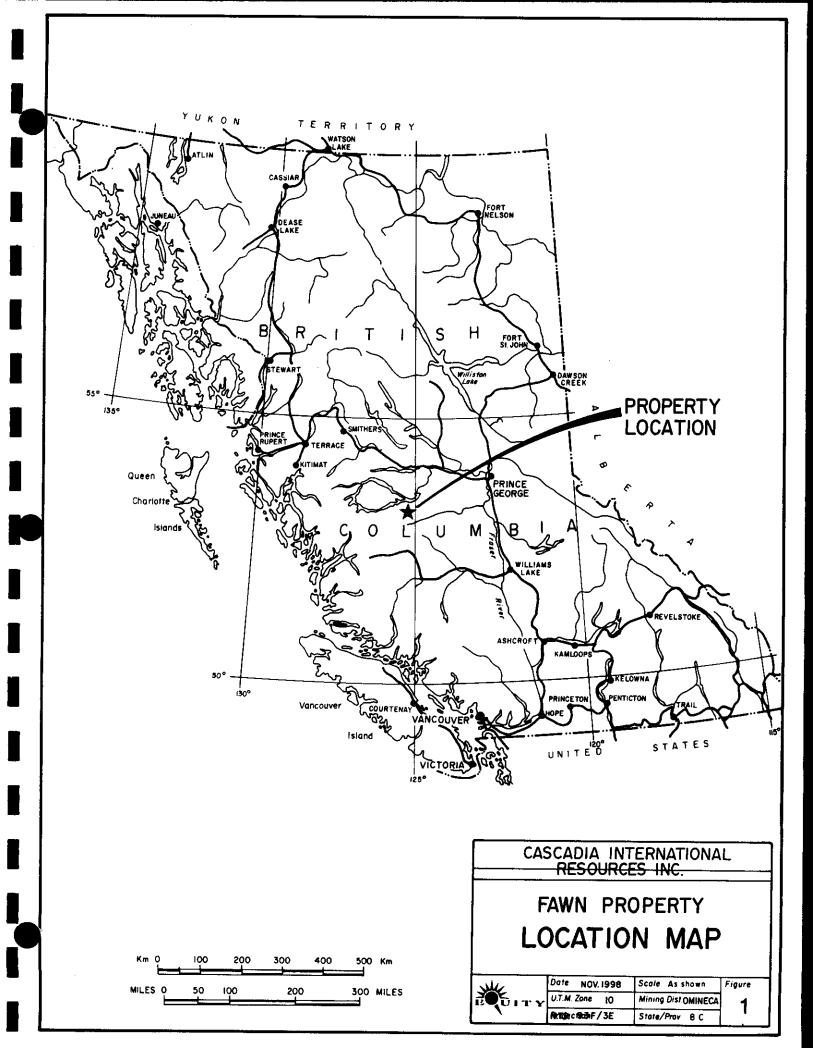
2.0 LIST OF CLAIMS

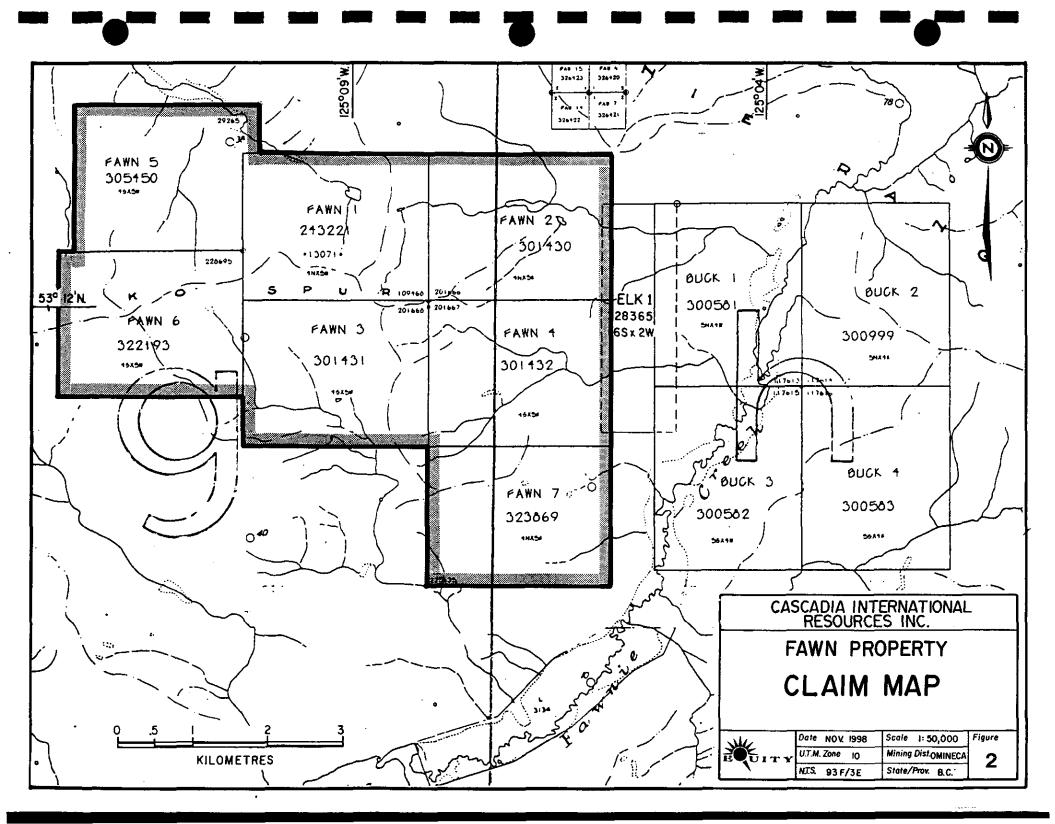
The Fawn property comprises seven contiguous claims totalling 140 claim units (3,500 hectares), located in the Omineca Mining Division (Figure 2). Records of the British Columbia Energy and Minerals Division indicate that the Fawn 1-7 claims are owned by Western Keltic Mines Inc.. Separate documents indicate that Cascadia International Resources Inc. has an option to earn an interest in them. Claim data for the Fawn property is summarized in Table 2.0.1.

Claim Name	Mineral Tenure No.	No. of Units	Record Date	Expiry Year
Fawn 1	243221	20	March 15, 1991	2008*
Fawn 2	301430	20	June 26, 1991	2008*
Fawn 3	301431	20	June 26, 1991	2008*
Fawn 4	301432	20	June 26, 1991	2008*
Fawn 5	305450	20	October 13, 1991	2007
Fawn 6	322193	20	October 28, 1993	2007
Fawn 7	323869	20	February 26, 1994	2008*
		140		

Table 2.0.1 CLAIM DATA

* Subject to approval of assessment work covered by this report.





3.0 LOCATION, ACCESS AND GEOGRAPHY

The Fawn property is situated on the Nechako Plateau of central British Columbia, approximately 120 kilometres southwest of Vanderhoof and 180 kilometres west of Quesnel (Figure 1). The claims are located within the Omineca Mining Division, centred at 53° 12' north latitude and 125° 08' west longitude.

The property is accessed by a major logging road, the Kluskus-Malaput Forest Road, which reaches the north side of the property 146 kilometres south of the Plateau Forest Products mill at Engen on Highway 16. The Kluskus-Malaput road angles through the southeastern corner of the property, while a major branch, the Van Tine Forest Road, provides good access through its northern part. The M-4000 Forest Road, another major branch, leaves the Kluskus-Malaput south of the property and angles northwesterly through the southwestern corner of the Fawn 6 claim. Spur roads provide four-wheel drive access throughout each of several recent clear-cuts on the property. The Capoose access road, on the north side of Van Tine Creek, is also accessible by four-wheel drive vehicle but has not been maintained for several years.

The claims cover the eastern portion of Entiako Spur, a range of rolling hills lying south of Van Tine Creek within the Nechako Plateau. Upland surfaces are generally well drained with few lakes or marshes. Lower creek valleys are broad and swampy. Topography is moderate, with elevations ranging from 1,100 metres in the Fawnie Creek valley to 1,739 metres at the highest point of Entiako Spur. Outcrop exposure is fairly good along the ridge top, but is increasingly masked by glacial till at lower elevations. Overall, the property would average less than 5% outcrop. Road cuts along the Van Tine Road expose up to 30 metres of glacial till. Glacial striae trend 060° on the Fawn 2 claim, and Tipper (1963) provides strong evidence regionally for a southwestern ice source.

The property is largely covered by spruce and lodgepole pine with a light undergrowth of huckleberry and alder. Recent clear-cuts at lower elevations on most of the claims have made the sparse outcrops easier to find and examine. The Fawn property is subject to a continental climatic regime, with warm summers and cold winters. Snowfall is moderate with an accumulation of one to two metres during the winter.

4.0 REGIONAL AND PROPERTY EXPLORATION HISTORY

4.1 Previous Work

The area around the Fawn property received little exploration until the late 1960's, when Rio Tinto Canadian Exploration Ltd. carried out stream and lake sediment sampling surveys throughout the Nechako Plateau, searching primarily for copper-molybdenum porphyry deposits (Hoffman, 1976). Follow-up work on one of their anomalies by Rio Canex (1969-71) and Granges Exploration Ltd./Cominco Ltd. (1976-present) led to the discovery in 1979 of the Capoose silver-lead-zinc deposit approximately seven kilometres north of the Fawn property. Reserves at Capoose have been estimated at 28 million tonnes grading 36 g/tonne silver and 0.9 g/tonne gold (Green and Diakow, 1993).

Following the recognition of a major silver resource at Capoose, BP Minerals Limited staked several other nearby high-priority silver-lead-zinc lake sediment anomalies from Rio Canex's data. Their Gran and Laid claims were staked in 1981 to cover the drainages surrounding Square Lake, a small lake at the head of Van Tine Creek near the northern boundary of the present Fawn 1 claim. Square Lake was extremely anomalous in lead, exceeding the values for the lakes which marked the Capoose deposit (Hoffman, 1976).

In 1982, BP Minerals carried out geological mapping over the area now covered by the Fawn

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property and laid out a compass and hipchain geochemical grid which used three different numbering systems. An east-west baseline was blazed and numbered from 0+00W to 28+00W, just north of the present Fawn 2 southern boundary. Cross-lines were run to the south from this baseline, with station numbering up to 24+00S. A second baseline was blazed to the north from station 28+00W on the first baseline, which was re-labelled 0+00N 0+00W. Cross-lines were run to the east and west from this second baseline (and labelled accordingly), which extended north to 18+00N. A western tie line was blazed north-south 2,600 metres to the west of the second baseline, near the western boundary of the current Fawn 1 and 3 claims. This was used to tie in lines 0+00N to 14+00N, which were run west from the second baseline. Lines were also run and numbered east (Lines 14+00N to 20+00N) and west from the western tie line (and labelled east or west relative to the western tie line). A total of 1,152 soil and stream sediment samples were taken in 1982 and a further 1,517 in 1983 from ground currently covered by the Fawn property (Hoffman and Smith, 1982; Smith and Hoffman, 1983 and 1984). Samples were taken initially at 100 metre intervals on lines spaced 100 metres apart, with later infilling to 50 metre intervals in anomalous areas. The soil geochemistry delineated a northwesterly trend of coincident lead-zinc-silver anomalies measuring approximately 3,000 metres by 700 metres, centred on the Fawn 1 claim.

In 1983, limited trenching and a series of 40 backhoe test pits were excavated at 25 metre intervals near the eastern end of the lead-zinc-silver soil anomaly, exposing three or four "rhyodacite lapilli tuff" units with up to 94.5 ppm silver and 880 ppb gold (Smith and Hoffman, 1984). The following year, another grid was established for mapping purposes over the Fawn 1 soil anomaly. A 3,000 metre baseline oriented at 310° was cut and numbered from 0+00N to 30+00N. Cross-lines were run at 035° from the baseline at 200 metre intervals. Further backhoe trenching was carried out in the area of the 1983 trenching and near the western end of the soil anomaly, without encouraging results (Smith, 1985). BP Minerals allowed their claims to lapse in 1988.

The Fawn 1-4 claims were staked in 1991 over BP Minerals' soil geochemical anomaly. In September and October of that year, Western Keltic Mines Inc. carried out geological mapping, soil and rock geochemistry and geophysical surveying, taking 239 rock, 144 soil and 41 deep overburden samples. The 1984 cut baseline was re-established and extended at 130° for 2,425 metres to the southeast. Cross-lines were run towards 040° at 100 metre intervals from 4+00N to 30+00N and at 200 metre intervals from 4+00N to 24+00S, with stations marked every 25 metres. Cross-lines, 500 metres in length, were run at a bearing of 220° from 5+00N to 27+00N at 100 metre intervals. Five widely-spaced lines were extended further to the southwest, in an area to the south of pre-existing coverage and soil samples were taken along them at 50 metre intervals. The BP Minerals soil anomalies were relocated relative to the new grid and verified by 41 soil samples taken from their most anomalous sample locations. Magnetometer and VLF-EM surveys were carried out over 31 line-kilometres of the grid between 2+00S and 30+00N. Deep overburden sampling and MaxMin EM were tested over the Giver Zone, a mineralized VLF-EM conductor (Awmack, 1991).

Four subparallel, easterly-trending VLF-EM conductors were defined along strike lengths of 700 to 2200 metres by the 1991 program, with each remaining open along strike in at least one direction. Each of the four VLF conductors is accompanied by silver+zinc+lead+arsenic soil geochemistry. Eocene(?) epithermal chalcedony-sulphide breccia was found in subcrop and float along one of the VLF conductors, with assays up to 12.9 g/tonne Au and 637 g/tonne silver in separate samples from the "Giver Zone" and one of its splays, the "Giver Splay" (Awmack, 1991). The Fawn 5 and 6 claims were subsequently staked to cover the projected westward extension of these VLF structures.

Western Keltic performed a 20.7 line-kilometre induced polarization survey on lines spaced 200 metres apart from 3+00N to 29+00N in October and November, 1993. This showed low resistivity and weak chargeability along the Giver VLF-EM structure and outlined a strong chargeability anomaly at the eastern end of the survey. Moderate chargeability and low resistivity anomalies were indicated near the northwestern end of the grid, in an area of strong soil geochemistry and two VLF-EM structures (Ballantyne, 1993).

During the course of regional mapping in 1993, the BC Geological Survey discovered the Malaput Showing, a zone of silicification and sericitization located four kilometres southeast of the Giver Zone (Diakow and Webster, 1994). The Fawn 7 claim was subsequently staked over the Malaput Showing.

The BC Geological Survey undertook regional lake sediment (Cook and Jackaman, 1994) and basal till (Levson et al, 1994) sampling programs throughout portions of the 93F map sheet in 1993, taking three lake sediment samples and 18 till samples from the Fawn property. The lake sediment sample from Square Lake returned the highest lead, zinc and cobalt values for all 237 samples taken from the region, along with anomalous antimony, arsenic and gold. Six of the till samples exceeded the survey's 95th percentile for gold, lead, arsenic or antimony. Four of these anomalous till samples, including the sample with the survey's second highest gold value, were taken from the northeastern portion of the Fawn 7 claim, an area which has received no exploration. In 1994 Diakow and Webster reported on a new prospect, the Malaput occurrence, located on the Fawn 7 claim. The occurrence is located in a logging clear-cut of low topographic relief with very little outcrop. The occurrence is comprised of a series of outcrop and sub-outcrop of intensely silica and sericite alteration crosscut by thin quartz stringers. During Western Keltic's 1994 program, 55 soil samples were taken from a small grid over the Malaput Showing, returning up to 255 ppb Au, 336 ppm As, 226 ppm Pb and 1360 ppm Zn. Mapping showed it to be an easterly-trending, 25-30 metre wide zone of silicification which can be traced along strike for at least 300 metres (Baknes and Awmack, 1994a).

In 1994, Western Keltic drilled 617 metres in six diamond drill holes on geophysical and geochemical targets on the Fawn 1 and Fawn 5 claims. Three of these were drilled across the V2 conductor (Giver Zone) showing it to be a steeply-dipping 18-32 metre wide zone of sericite-clay-pyrite alteration hosting epithermal chalcedony stockworks and breccias. The best intersections were 8.1 metres of 2.0 g/tonne Au in hole FWN94-02 and 4.4 metres of 1.5 g/tonne Au and 63.8 g/tonne Ag in hole FWN94-03.

Cascadia International Ventures Inc. conducted a drill program consisting of 620.0 metres in 7 drill holes on the Giver Zone and Giver Zone splay during March and April of 1997. Best result from the program was 10.2 metres of 1.08 g/t Au and 23.3 ppm Ag in hole FWN97-06. A small soil geochemistry survey as well as limited mapping and grid extension was carried out during the reclamation program in September 1997 (Awmack and Lehtinen, 1997).

4.2 1998 Diamond Drilling Program

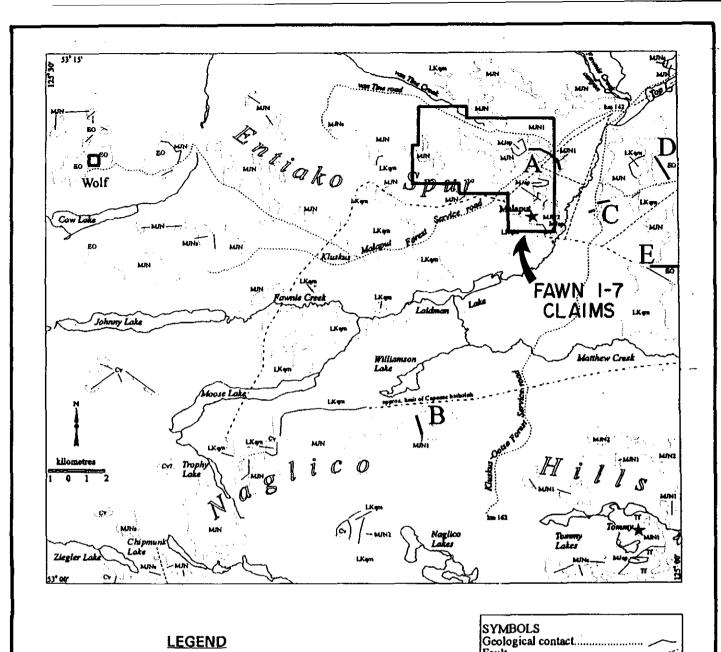
During August of 1998, **Cascadia International Resources Inc.** carried out a third diamond drill program on the Fawn property, targeted at the Malaput Showing on the Fawn 7 claim. Seven holes, totalling 744.0 metres (2441') of BTW core, were drilled by Falcon Drilling Ltd. of Prince George, using their F-1000 drill. Water was supplied to the drill by Gallant Trucking Ltd. of Kamloops, B.C.. Core was logged and split mechanically for geochemical analysis at a facility located on the adjoining Buck property and then stored on the Fawn Property at a storage facility located on the south-west side of the Van-Tine logging road at kilometer 3. Drill sites and access roads were constructed with a D5 cat accessed from the existing haul road and landing. A total of 177 core samples were analyzed geochemically for gold and by ICP for 28 elements by Eco-Tech Laboratories in Kamloops. Appendix D contains analytical certificates while drill logs are attached in Appendix C.

Reclamation of all drill sites and drill roads was carried out in September 1998 immediately following the drill program.

5.0 REGIONAL GEOLOGY

The British Columbia Geological Survey carried out 1:50,000 scale regional mapping over map-

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LEGEND

STRATIFIED ROCKS MIOCENE TO PLIOCENE Chilcotin Group Cv Olivine basalt EOCENE Ootsa Lake Group EO Rhyolite and andesite flows, guartz- bearing lapilli tuffs, tuffaceous siltstone	al epithernal prospect.
Chilcotin Group Cv Olivine basalt EOCENE Ootsa Lake Group SO Rhyolite and andesite flows, guartz- bearing lapilli tuffs, tuffaceous siltstone	
EOCENE Ootsa Laka Group EO Rhyolite and andesite flows, guartz- bearing lapilli tuffs, tuffaceous siltstone	
Ootsa Lake Group EO Rhyolite and andesite flows, guartz- bearing lapilli tuffs, tuffaceous siltstone	
EO Rhyolite and andesite flows, guartz- bearing lapilli tuffs, tuffaceous siltstone	
bearing lapilli tuffs, tuffaceous siltstone	
MARKEN AND ARTA	
NIDDLE JURASSIC	
Hazelton Group (Naglico Formation)	
MJNs Fine to coarse-grained, fossiliferous	
volcaniclastics	
MJN2 Basalt and andesite flows and lapilli tuffs	
MJN1 Rhyolite flows, ash-flow tuffs and lapilli tuffs	
	IA INTERNATIONAL
TI Felsite sills	SOURCES INC.
Capoose Lake Batholith	
Lkqm Equigranular quartz monzonite, with lesser quartz diorite and quartz porphyry	N PROPERTY
MIDDLE JURABSIC	
MJap Mafic augite-plagioclase porphyry plugs	NAL CEOLOCY
Geology modified from Diakow and Webster (1994).	NAL GEOLOGY
	NOV. 1998 Scale 1:200,000 Figure
	one 10 Mining Dist.OMINECA 3
	3 F/ 3E State/Prov. B.C.
KILOMETRES	OTTOL OTHER B.C.

sheet 93F/6 in 1992 (Green and Diakow, 1993; Diakow and Green, 1993). In 1993, this mapping was extended to the south over map-sheet 93F/3, which covers the Fawn property (Diakow and Webster, 1994; Diakow et al, 1994). Their mapping shows Jurassic Hazelton Group volcanics and sediments intruded by the Late Cretaceous Capoose Lake batholith and unconformably overlain by Eocene Ootsa Lake Group subaerial volcanics and younger plateau basalts (Figure 3).

The Early to Middle Jurassic Hazelton Group rocks in the vicinity of the Fawn property have been assigned by Diakow and Webster (1994) to their informal Naglico Formation of silica-bimodal volcanic rocks and Bajocian intravolcanic sediments which are gradationally overlain by Callovian marine sediments. The lower division of this formation consists of "crudely layered fragmental and lesser flow rocks of rhyolitic composition, and local maroon and green andesitic tuffs deposited in a subaerial environment" (Unit MJN1). The upper division is dominated by mafic and intermediate lavas (Unit MJN2), interpreted by Diakow and Webster (1994, p. 19) to be deposited in a shallow marine environment with local subaerial conditions. Green and Diakow (1993) report that a section of the upper division exceeds 1,000 metres in thickness on Tutiai Mountain, 14 kilometres north of the Fawn property. Augite porphyry plugs (Unit MJap) mapped on the Fawn claims are thought to be cogenetic with upper division Naglico Formation augite-phyric volcanics.

Wide-spread, irregularly-distributed, marine sedimentary rocks (Unit MJNs) are intercalated with Naglico Formation volcanics, interpreted as basins between coalescing volcanic centres. The marine sediments become dominant in the stratigraphically highest Middle Jurassic exposures. Main lithologies include feldspathic sandstone and siltstone, tuffaceous argillite, locally prominent volcanic conglomerate and scarce limestone. Fossils are common in the sedimentary rocks, with most of indeterminate or probable Middle Jurassic age and at least one early Bajocian collection (Diakow and Webster, 1994).

The Jurassic stratigraphy was intruded by the Late Cretaceous Capoose Lake Batholith (Unit LKqm), a 250 km² pluton which extends southwesterly for at least 20 kilometres from the Fawn property. The Hazelton volcanics of the southwestern portion of the Fawn property are thought to be underlain by the Capoose Lake Batholith at a fairly shallow depth. Its main phase consists of light coloured, medium-to coarse-grained, equigranular quartz monzonite, although its composition is locally granodioritic and a dioritic phase cuts northerly through the Fawn 2, 4 and 7 claims. Andrew (1988) reports a biotite K-Ar date of 64.3+2.4 Ma for the batholith. Miarolytic quartz porphyry dykes and plugs cut Hazelton Group sediments on the Buck property, immediately east of the Fawn claims. These were interpreted by Diakow and Webster (1994) to be subvolcanic apophyses projecting from the Capoose Lake Batholith.

Flat-lying to moderately dipping, subaerial volcanics of the Ootsa Lake Group (Unit EO) unconformably overlie older Mesozoic rocks. Potassium-argon dating of Ootsa Lake rocks at the Wolf prospect gave an age of 48±2 million years (mid-Eocene). The Ootsa Lake volcanics consist of calcalkaline andesite to rhyolite. North of the Nataikuz Fault, a northeasterly trending fault which passes twenty kilometres northwest of the Fawn claims, Ootsa Lake volcanics cover an extensive area, with a 750 metre stratigraphic section. South of the fault, the Ootsa Lake Group forms thin isolated cappings on older rocks.

Miocene plateau basalts of the Chilcotin Group (Unit Cv) unconformably overlie all other units.

Low grade regional metamorphism and weak deformation are pervasive on the Nechako Plateau. Contact metamorphism is pronounced around intrusives. Tipper (1959) observed that the overall lack of structural features may, in part, be attributed to the abundance of often structureless volcanics in the area. The Hazelton volcanics appear more strongly deformed in comparison to other rock types, with dips of up to 70°. At the Capoose deposit, eight kilometres north of the Fawn property, bedding dips moderately (20-40°) to the southwest, with a synclinal fold axis plunging at 10° to the southeast (Andrew and Godwin, 1987). The Ootsa Lake Group volcanics were deposited in a period of extensional tectonism. Another period of deformation during the Oligocene produced broad open folds in the Ootsa Lake Group volcanics and sediments. The relatively undeformed Chilcotin Group consists of generally

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flat-lying to gently easterly dipping plateau lavas (Tipper, 1963).

Several styles and ages of mineralization have been documented in the vicinity of the Fawn property (Figure 3). Teck Corp.'s Tommy epithermal gold-silver prospect, 17 kilometres south of the Fawn claims, consists of several north to northeast trending veins and silicified stockwork zones hosted by Naglico Formation quartz-phyric felsic crystal lithic and ash tuffs. The veins consist of milky quartz, chalcedony, sparry calcite, ankerite and adularia, with typical epithermal textures such as druse, colloform banding, cockscomb structures and multiple brecciation/veining episodes. Only trace amounts of sulphides, mainly pyrite, chalcopyrite, sphalerite and galena, are present. The Tommy Vein, which has received the most exploration, hosts a geological resource of 478,000 tonnes grading 8.7 g/tonne Au and 82.3 g/tonne Ag across an average width of four metres (J. Pautler, pers. comm., 1997).

The Wolf epithermal gold-silver prospect, located twenty kilometres west of the Fawn property, is hosted by Eocene Ootsa Lake Group rhyolitic flows, tuffs and subvolcanic intrusives. Repeated low-sulphide silicification, brecciation and stockwork veining have been accompanied by up to 8.49 g/tonne gold and 42.2 g/tonne silver across 7.5 metres in trenching (Cann, 1984). It has been suggested that the Wolf deposit may have been related to maar (Andrew et al, 1986), collapse caldera (Andrew, 1988) or hot-spring (Andrew, 1988) paleo-environments.

The Capoose silver deposit, located eight kilometres north of the Fawn property, is hosted by Naglico Formation mafic flows, rhyolite tuff, argillite and lithic wacke intruded by Late Cretaceous quartz-garnet rhyolite sills related to the Capoose Lake Batholith. Mineralization consists of pyrite, sphalerite, galena, chalcopyrite and arsenopyrite in disseminations, fracture-fillings and replacing garnets, and is thought to be Late Cretaceous in age (Andrew, 1988). The Capoose deposit contains 28 million tonnes grading 36 g/tonne silver and 0.9 g/tonne gold (Green and Diakow, 1993). The Capoose Lake Batholith itself has been explored for porphyry-style copper-molybdenum mineralization a few kilometres west of the Capoose deposit.

Immediately east of the Fawn property, the Buck 1-4 claims cover a 3,000 metre long zincarsenic-lead soil geochemical anomaly overlying Naglico Formation rocks. Proximal (vent facies) felsic volcanics change laterally to distal felsic volcaniclastics and epiclastics along with marine sedimentary and intermediate volcanic lithologies. Stratabound sphalerite-pyrrhotite mineralization, grading up to 4.69% zinc, is present in felsic ash tuffs. The Christmas Cake Showing, with a 45 centimetre chip sample grading 7.38% Zn, 2.25% Pb and 542 g/tonne Au, consists of coarse sphalerite, iron carbonate, galena, minor chalcopyrite and sugary quartz forming a matrix which supports fragments composed entirely of very fine-grained pyrite and by variably altered, angular, felsic lithic clasts (Baknes and Awmack, 1994). A northeast-trending VLF-EM conductor corresponds to a recessive zone of clay alteration with quartz-calcite veining, accompanied by 2-10% pyrite and lesser arsenopyrite and sphalerite. Although this zone returned only low gold and silver values, its similarities to the Fawn's Giver Zone suggest a genetic link (Caulfield, 1996).

Fifteen kilometres east of the Fawn property, the PEM prospect is underlain by Naglico Formation felsic to intermediate tuffs, lapilli tuffs, breccias and flows, intercalated with argillite, sittstone and sandstone. Disseminated and shear-hosted mineralization occurs in a steeply-dipping, structurally-controlled zone of phyllic and argillic alteration at least 900 metres long, with introduction of 3-4% sphalerite and 1-2% pyrite (Schroeter and Lane, 1994). Zbitnoff (1988) reports drill intersections up to 6.3 metres grading 14.3 g/tonne gold, 27 g/tonne silver and 1.25% zinc. Textural evidence suggests that PEM mineralization may be genetically similar to that of Capoose.

6.0 **PROPERTY GEOLOGY**

The Fawn property is largely underlain by a sequence of Early to Middle Jurassic Hazelton Group (Naglico Formation) rhyolitic and andesitic volcanics with lesser epiclastic sediments. These have been

intruded by a dioritic pluton, thought to form part of the Late Cretaceous Capoose Lake Batholith, and by later felsic dykes which are presumably feeders to the Tertiary Ootsa Lake rhyolites. No geological mapping was carried out on the Fawn property during the 1998 drill program; more detailed descriptions of geology and mineralization can be found in previous reports by Baknes and Awmack (1994a), Awmack (1991), Awmack and Lehtinen (1997). A detailed lithological legend adapted from a report on the Buck claims (Caulfield, 1996), is outlined in Table 6.0.1.

TABLE 6.0.1 DETAILED LITHOLOGICAL LEGEND

JURASSIC-CRETACEOUS

Subvolcanic Intrusions

QP/FP GRANITE - QUARTZ FELDSPAR PORPHYRY

Pink to flesh-coloured, variable from medium to coarse-grained, equigranular to crowded quartz-feldspar porphyry with pink aphanitic groundmass. Very minor chloritized mafics, minor muscovite and biotite and local fine-grained specular hematite. Porphyritic to aphanitic near contacts. Intrusive margins variably altered to muscovite/sericite, ankerite and rare epidote, associated with rare disseminated pyrite and sphalerite.

DI DIORITE

Medium to light green-grey to grey, fine to medium grained, grainy appearance. Weak chlorite and calcite alteration. Magnetic.

EARLY TO MIDDLE JURASSIC Hazelton Group (Naglico Formation)

AN ANDESITES

ANa Augite Porphyry

Dark green, with 1-5 mm augite phenocrysts (7-15%) in a dark green, often chloritic, fine to medium-grained groundmass. 1-2 mm feldspar crystals (10-50%) prevalent. In rare exposures, augite phenocrysts greater than 1 cm and up to 6 cm.

ANb Amygdaloidal Andesite

Dark-medium green, brown weathering, fine grained with <5% 0.1-1 mm zoned plagioclase phenocrysts and minor chloritized mafics. 1-5% 1-5 mm quartz ± calcite filled flattened amygdules. Also non-porphyritic and massive andesite equivalents.

ANc Augite and Feldspar-Bearing Crystal-Lapilli Tuff

Dark to medium green, brown to grey-green weathering, variable tuff to lapilli and rare breccia tuff or flow breccia. Generally unsorted mixture of ANa and Anb angular to subangular clasts in a chloritic matrix containing feldspar and indistinct augite crystals and crystal fragments. Rarely contains belemnite fossils.

And Maroon Feldspar Porphyritic Andesite Flow

Aphanitic maroon to grey-green matrix with <5% 0.5-1 mm anhedral feldspar phenocrysts. Locally flow-banded.

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TABLE 6.0.1 (cont'd.) DETAILED LITHOLOGICAL LEGEND

Anf Maroon Andesite Crystal-Lapilli Tuff

Dark maroon. Dark maroon matrix with lapilli and crystals varying from white-pink to light green. Chlorite and calcite filled fractures.

RD RHYOLITE-DACITE

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RDf Buff to pale greenish grey weathering, medium grey, finely bedded mm to cm thick beds of fine felsic to intermediate ash to coarser sand-sized feldspar crystals and less often lapilli.

EPICLASTICS, TUFFS and SILTSTONES

Etc Black Non-Sulphide-Bearing Siltstone and Argillite

Medium to dark grey weathering, black, noncalcareous to weakly calcareous, weakly carbonaceous, fine-grained siltstone and argillite with minor grit and chert pebble layers. Laminated to thin-bedded, wispy sandy layers locally present.

Ete Finely Laminated, Banded Grey Argilite-Siltstone and Felsic Ash Tuff Striped grey and black, rhythmic, laminated to thin bedded 0.1-2 cm (up to 10 cm) beds of dark grey to black argillite-siltstone and felsic buff weathering ash tuff to crystal tuff and rarely felsic lapilli tuff.

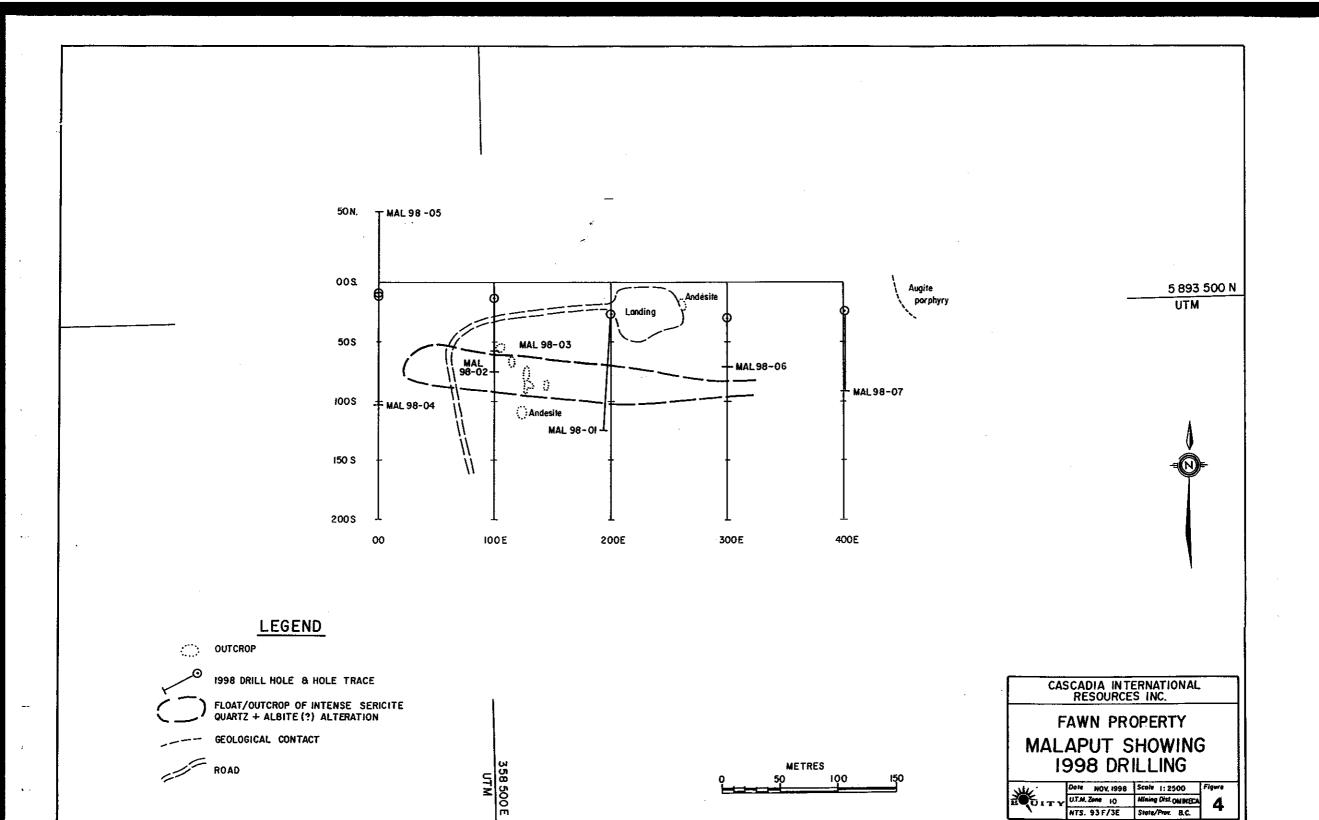
7.0 DIAMOND DRILLING

Seven holes were drilled along the strike of the Malaput Zone from five drill sites. All drill holes were designed to test the strong alteration and to determine the nature and geometry of the alteration zone. Table 7.0.1 summarizes location, orientation and drilling depths for the 1998 holes. The holes are located in plan on Figure 4, with vertical cross-sections in Figures 5-9. Drill logs are attached in Appendix C.

HOLE	AZIMUTH	DIP	DEPTH	ELEV.	COLL	AR
	(°)	(°)	(metres)	(metres)	COORDIN	IATES
-					GRID SOUTH	GRID EAST
					Metres	Metres
MAL98-01	183	-45	139.0	1242	0+27	1+99
MAL98-02	180	-45	87.2	1245	0+13	1+02
MAL98-03	180	-65	103.3	1245	0+13	1+02
MAL98-04	180	-50	147.8	1250	0+08	0+01.5
MAL98-05	360	-50	108.2	1250	0+10.6	0+01.5
MAL98-06	180	-50	62.8	1240	0+29.3	3+00.7
MAL98-07	180	-45	95.7	1235	0+23	4+01.5
TOTAL			744.0			

Table 7.0.1 Drill Hole Survey Data

_ Equity Engineering Ltd. _



MAL 98-01

Drill hole MAL98-01 was collared on the west side of the landing at the terminus of the logging road. The hole was drilled at an azimuth of 183° and a dip of -45° in an attempt to intersect the projected eastern strike of the Malaput showing. The hole cut rocks commonly light to dark green in colour predominated by andesite and/or rhyo-dacite lapilli, ash and crystal tuff (ANc, RDf) with minor intervals of silty argillite (Etc) and maroon andesite crystal-lapilli tuff (Anf). The Malaput alteration Zone, consisting of strong silica, sericite and albite(?) alteration with lesser calcite alteration of protolith(?) rhyo-dacite ash and crystal tuff, was intersected over 32.5 metres from 68.9 to 99.4 metres. The zone was intersected beneath the surface exposure of the strongly altered zone suggesting that the Malaput Zone is a vertical alteration zone in the area of drill hole MAL98-01. Minor sulphide mineralization, predominantly pyrite, and very low gold values were encountered throughout the hole. The highest silver value obtained was from a strongly fractured silica, sericite, albite(?) and calcite altered zone which returned 4.0 ppm silver from 38.0 to 39.5 metres.

MAL 98-02&03

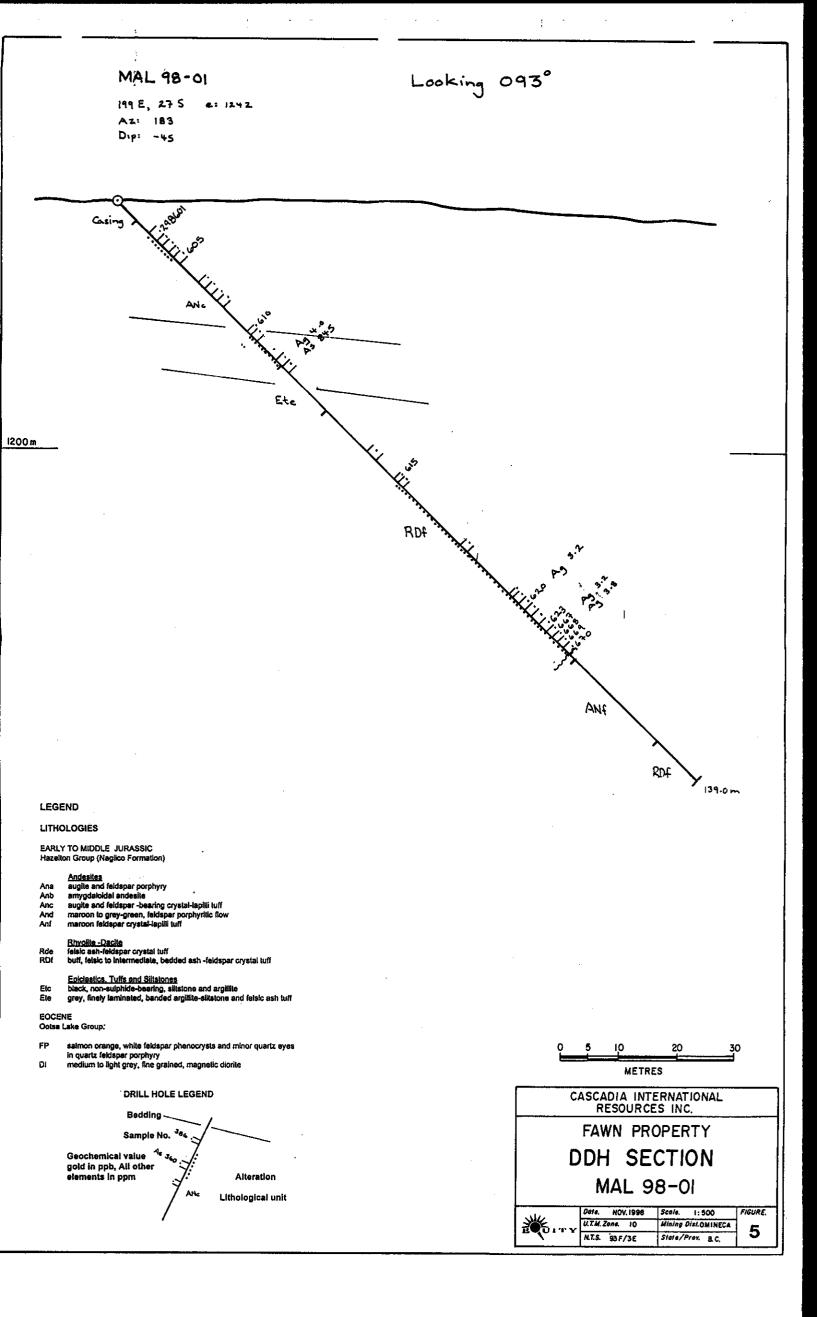
Drill hole MAL98-02 was collared approximately 100 metres west of MAL98-01. The hole, drilled at an azimuth of 180° and a dip of -45°, was directed at the Malaput Showing and intersected a package of rocks similar to those encountered in MAL98-01, in which the predominant rock type is andesitie lapilli, ash and crystal tuff (ANc). The Malaput Zone was intersected from 54.0 to 76.6 metres and consisted of intense silica, sericite, albite(?) and lesser calcite alteration. The entire alteration zone was geochemically analyzed and the results indicate that there is no significant mineralization hosted within the alteration or in any other interval sampled. Mineralization throughout the hole is weak although trace galena and sphalerite occur in the weakly altered rocks away from the main alteration zone.

MAL98-03 was drilled at an azimuth of 180° and a dip of -65° from the same site as the previous hole in an attempt to test the Malaput Zone at a greater depth and to determine the dip of the zone. The hole intersected the Malaput Zone from 38.4 to 91.8 metres which suggests that the zone does not have a tabular geometry. It appears that factors affecting alteration could be related to permeability/porosity of the lithologies, chemical composition of the lithologies and structural controls. No significant mineralization was encountered in MAL98-03.

MAL 98-04&05

MAL 98-04&05 stepped out to the west side of the grid to check the strike extension of the Malaput Alteration Zone. MAL98-04, drilled at an azimuth of 180° and -45°, dip was collared in an intense alteration zone and also drilled through multiple alteration zones of varying intensity throughout the drill hole. Mineralization appears restricted to pyrite, commonly with concentrations of 1-3% with localized concentrations up to 5% pyrite. The width of the Malaput Zone on the west side of the grid appears to have increased significantly as the alteration zones are of significant width and alteration continues to the bottom of the drill hole at 147.8 metres. Alteration is typical for the Malaput Zone with the exception of minor potassic feldspar tentatively identified by the salmon-orange patchy zones within the silica, sericite and albite(?) altered core. No significant assays were returned from the samples submitted for analysis.

Drill hole MAL98-05 was drilled at an azimuth of 360° and -45° dip to intersect the bedding at a perpendicular angle and to determine if the alteration is bedding controlled. Erratic, strong to moderate alteration occurs from the collar to 27.6 metres, then continues to 34.9 metres as strong alteration. Alteration throughout the rest of the hole remains as moderate to weak and is the typical alteration suite associated with the Malaput Zone, with the exception of minor patchy potassic feldspar alteration. No significant mineralization was encountered throughout the hole.



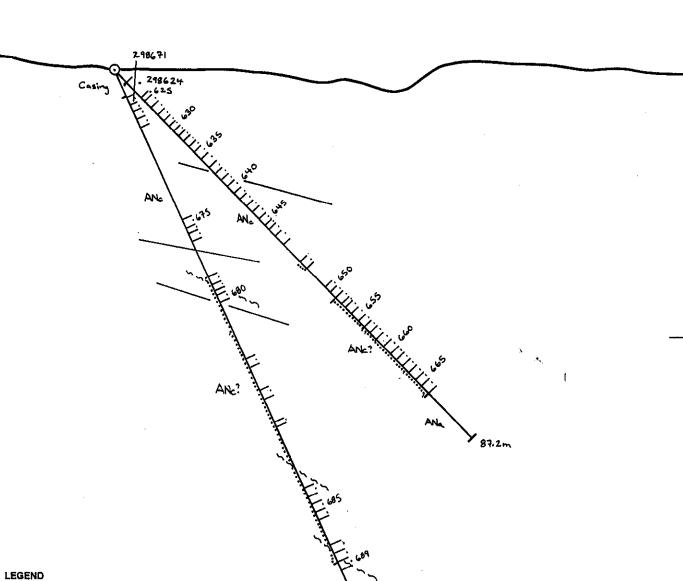
MAL 98-03 13 5, 101-6 E = 1245 Az: 180 Dipi - 65

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MAL 98-02 135, 101-6 E e = 1245 m Az: 180 Dip: -45

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ANd

103.3m

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FIGURE

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METRES

CASCADIA INTERNATIONAL RESOURCES INC.

FAWN PROPERTY

MAL 98-02,98-03

Scale

1:500

Mining Dist. OMINECA

State/Prov. B.C.

DDH SECTION

NOV. 1998

U.T.M. Zone. 10

N.T.S. 93F/3E

1Q

Dote.

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f.

Looking 090°

1200 m

LITHOLOGIES

EARLY TO MIDDLE JURASSIC Hazelion Group (Naglico Formation)

- Ana Anb Anc And Anf
- Andesites augite and feldspar porphyry amygdsioldsi andesite augite and feldspar -bearing crystal-lapilit tuff marcon to grey-green, feldspar porphyritic flow marcon of feldspar crystal-lapilit tuff

Rhvolite -Dacite

fetsic ash-feldspar crystal tuff buff, felsic to intermediate, bedded ash -feldspar crystal tuff Rde RDf

- Etc Ete
- Epiciastics, Tuffs and Siltstones black, non-sulphide-bearing, siltstone and argillite grey, finely laminated, banded argilite-siltstone and felsic ash tuff

EOCENE Ootsa Lake Group:

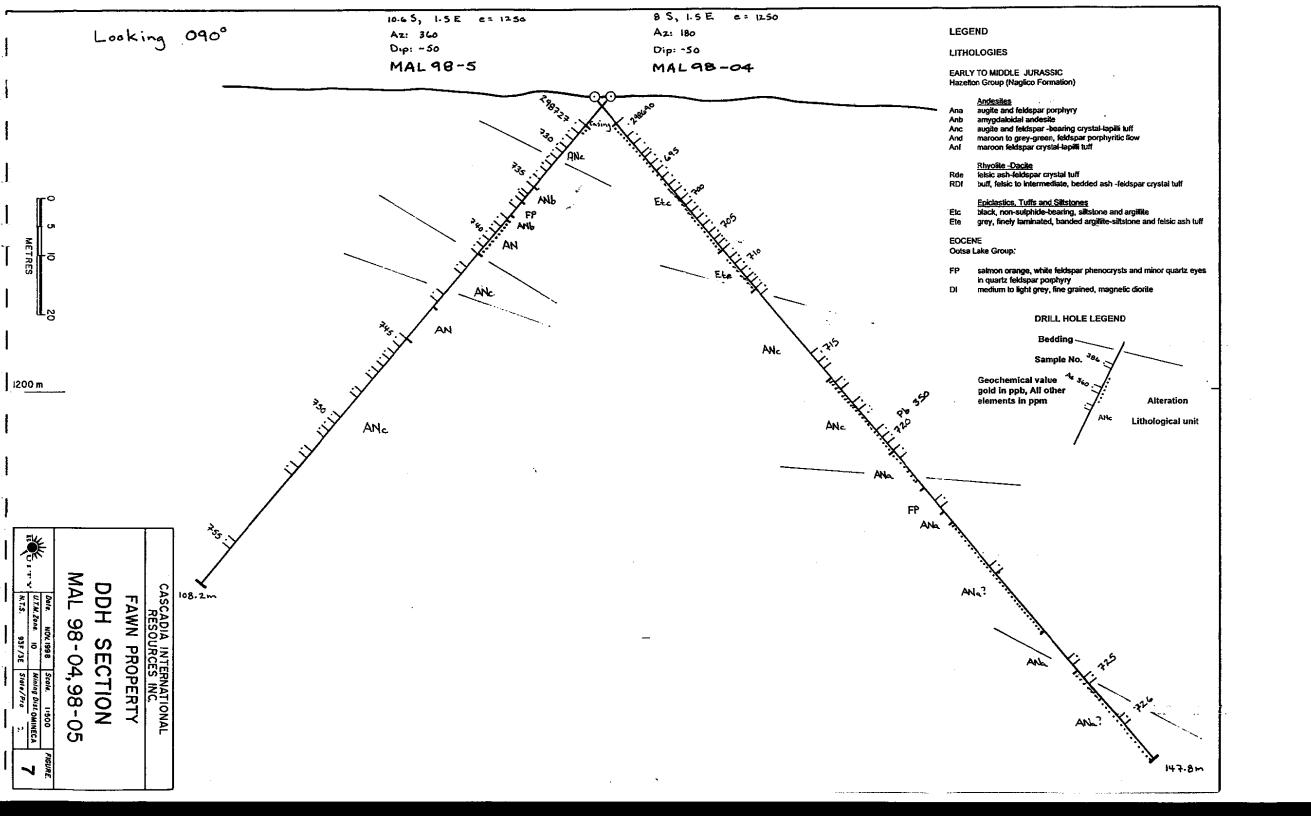
- FP
- salmon orange, white feldspar phenocrysts and minor quartz eyes in quartz feldspar porphyry medium to light grey, fine grained, magnetic diorite
- Di
 - DRILL HOLE LEGEND
 - Bedding 👡

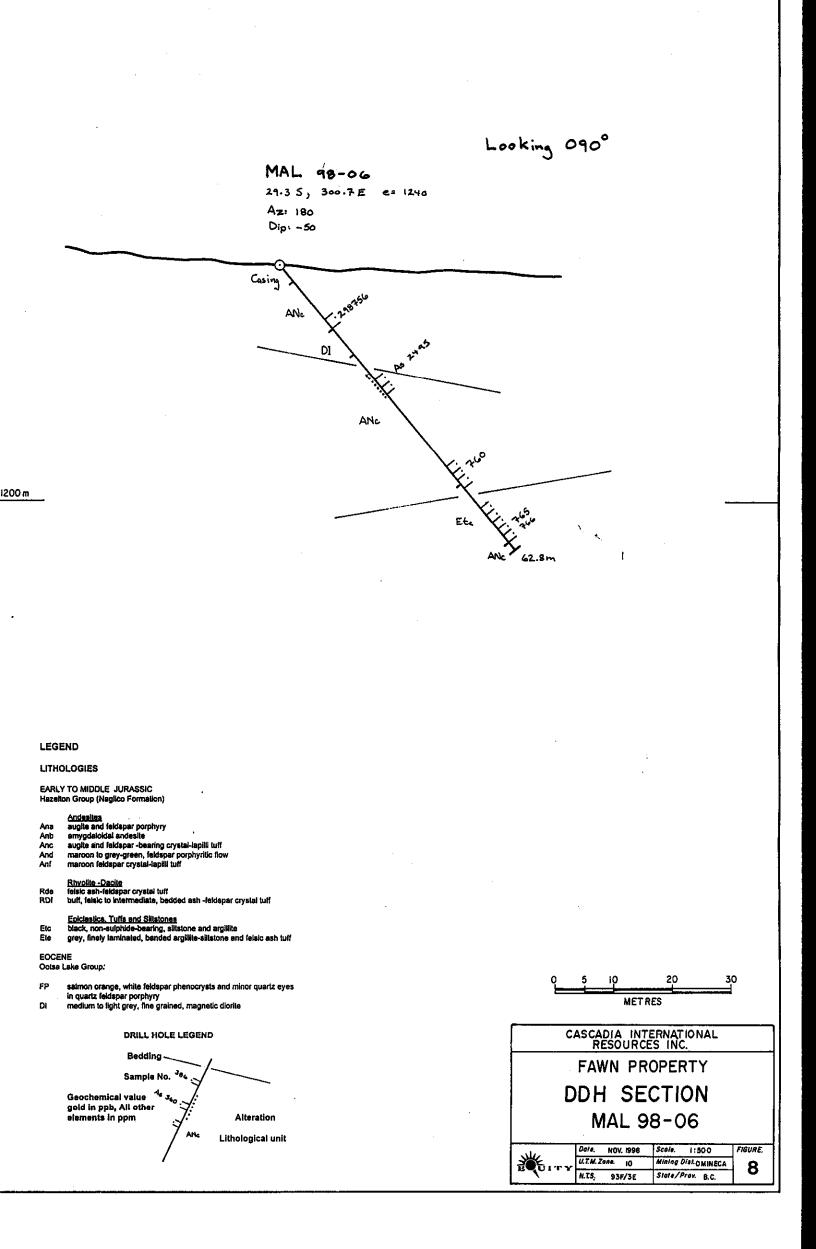
Sample No. 384 Geochemical value

gold in ppb, All other elements in ppm

Lithological unit

Alteration





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MAL 98-06

MAL 98-06 was collared approximately 100 metres east of MAL98-01 and drilled at an azimuth of 180° and a dip of -50° to test the eastern strike extension of the Malaput Zone. Three rock packages were encountered in the drill hole. The predominant rock type is andesite ash tuff (ANc) with lesser banded argillite and ash tuff (Etc) near the bottom of the hole. The andesite ash tuff has been intruded by a light green-grey, medium to fine grained diorite (DI). The Malaput Alteration Zone occurs from 23.7 to 30.1 metres and appears to be reduced in width compared to the intersections to the west. No significant mineralization was observed or results returned from MAL98-06.

MAL 98-07

The final hole was drilled at an azimuth of 180° and a dip of -45° approximately 200 metres east of hole MAL 98-01. The drill hole intersected two intrusive units, a narrow andesite porphyry dike (ANa) and a diorite (DI) similar to the diorite intersected in hole MAL98-06. These intrusive rocks are hosted in banded argillite and ash tuff similar to those rocks intersected in previous drill holes. The drill hole encountered only weak alteration and very minor mineralization.

8.0 DISCUSSION

The 1998 diamond drilling program focused on the Malaput Zone, an east-west trending zone of intense silica, sericite and albite(?) alteration with minor millimetre scale quartz-calcite stringers and stockworks. It is marked on surface by erratic outcrop and sub-outcrop exposure of these altered rocks and by spotty Au, As, Pb and Zn soil geochemistry.

Seven holes tested the Malaput Zone on five sections along 400 metres of its strike length. Each of these holes intersected varying widths and intensity of alteration with a general trend of increased width and intensity of alteration along strike to the west.

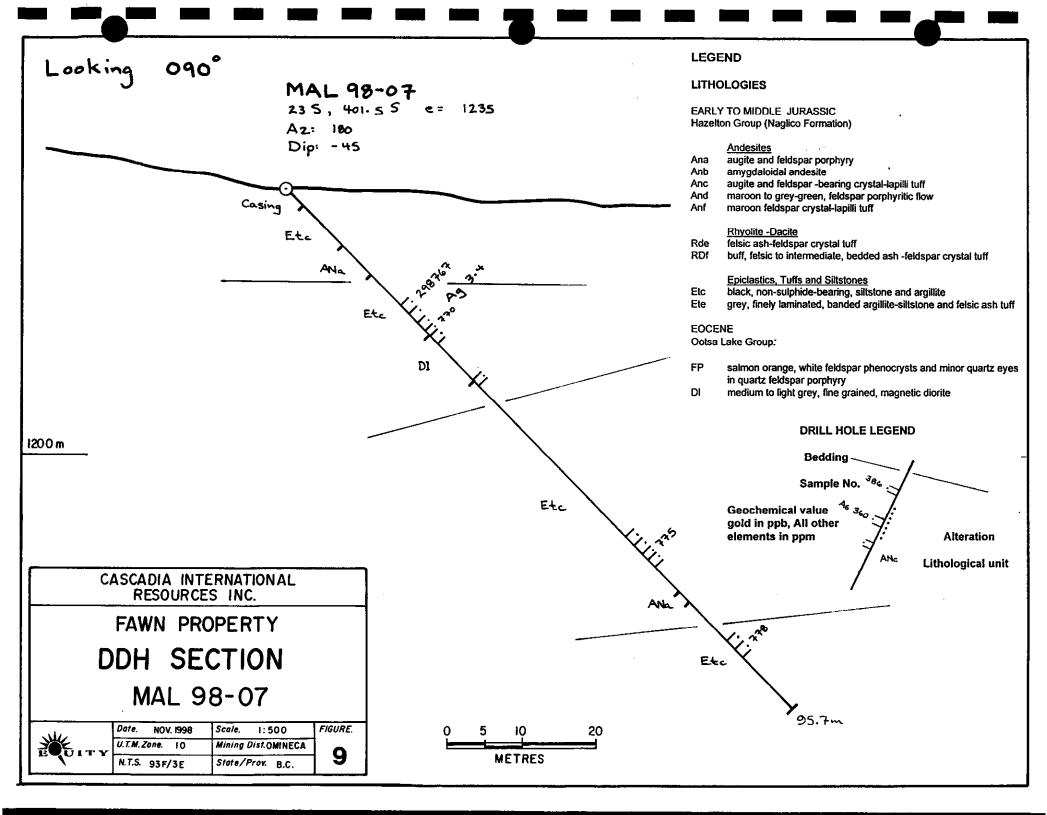
The alteration along the Malaput Zone is suggestive of a strong epithermal system. Other than surface anomalous gold results, no significant gold mineralization has yet been discovered along the 400 metres of the zone which has been drill tested. The strength of the alteration to the west is encouraging but the lack of anomalous precious or base metal values suggests that the interval tested at the Malaput showing may be at a non-mineralized vertical depth of an epithermal system or that the system may not be mineralized. Epithermal systems are characterised by strong vertical controls on mineralization. It may turn out that the drilled portion of Malaput Showing is too high (or too low) in the epithermal system.

The Tommy prospect, located 17 kilometres south of the Fawn property, consists of epithermal quartz veins in Hazelton Group (Naglico Formation) quartz-phyric rhyolite tuffs. Teck Corp. has developed a reserve of 478,000 tonnes grading 8.7 g/tonne Au over a width of four metres at Tommy in a geological setting which is very similar to the Fawn property's. Not only does this bode well for the possibility of discovering significant gold mineralization on the Fawn claims, but it suggests a possible rheological control on mineralization. At Tommy, the rhyolite host forms brittle fractures, along which the quartz veins are emplaced. In the Maiaput Zone as well as the Giver Zone, the less competent andesitic lapilli tuffs do not form discrete fractures, but rather wide zones of faulting, alteration and quartz stockworks, with more dispersed gold mineralization.

Although no significant mineralization was encountered, the substantial intersection width of the alteration on the west side of the Malaput grid indicates large epithermal alteration zones exist in the area. Combined with anomalous gold values returned from soil samples from the 1994 program, the possibility of a gold mineralized epithermal structure on the Fawn claims exists. Discovery of a mineralized structure on the property is hampered by extensive glacial till cover which limits outcrop exposure and would make soil geochemistry difficult or ineffective. Geophysics has proven partially effective in outlining VLF-EM fault controlled structures as displayed on the Giver Zone, but extensive

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... Equity Engineering Ltd.



surveys would prove to be costly and are not warranted at this time.

Respectfully submitted, EQUITY ENGINEERING LTD.

Jim Lehtinen, P.Geo.

Vancouver, British Columbia December, 1998

APPENDIX A

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BIBLIOGRAPHY

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APPENDIX B

STATEMENT OF EXPENDITURES

STATEMENT OF EXPENDITURES FAWN 1-7 CLAIMS August 20 - September 2, 1998

PROFESSIONAL FEES AND WAGES:

Dave Caulfield, P.Geo.		
2.63 days @ \$425/day	\$1,117.75	
Jim Lehtinen, P.Geo.		
26.875 days @ \$425/day	11,421.88	
Jason Weber, Geologist		
1.25 days @ \$350/day	437.50	
Matt Cleary, Sampler		
14.75 days @ \$225/day	3,318.75	
Matt Henry, Logistics Manager		
0.5 days @ \$350/day	175.00	
Clerical		
4.75Hr. @25/Hr	<u>118.75</u>	16,589.63
EQUIPMENT RENTAL: (Equity Engineerin	g Ltd.)	
Core Splitter		
11 days @ \$5/day	55.00	
Firefighting Equipment		
12 days @ \$10/day	<u>120.00</u>	175.00
EXPENSES:		
Accommodation	\$ 4,758.79	
Airfare	322,25	
Automotive Fuel	199.52	• .
Automotive Expenses	59.27	
Bulk Fuel	1,843.27	
Camp Food	57.31	
Chemical Analyses	2,876.25	
Courier	19.13	
Drafting	120.00	
Ferries	36.45	
Freight	2,273.42	
Hardware and Lumber	2,090.03	
Meals	30.68	
Office supplies	6.89	
Printing and Reproductions	167.32	
Reclamation Seed	53.50	
Taxis, Parking, Tolls	19.63	
Telephone Distance Charges	46.92	
Trucks (crewcab)	<u>4.275.71</u>	19,256.34
SUBCONTRACTS:		
Catwork	\$1,925.00	
Drilling	53,254.06	
Water truck	7.446.00	62,625.06

STATEMENT OF EXPENDITURES (Continued)

BEDODT	(conunued)	
REPORT:		
Report and Assessment Filing	;	
(estimated)	2,000.00	
Assessment filing (Gov't fees)	1.610.00	3,610.00
PROJECT SUPERVISION CHARGE:	· .	
12% on expenditures up to \$100,000	\$ 12,000.00	
10% on expenditures >\$100,000	225.54	12,225.54
	Subtotal:	\$114,481.57
GST:		8.013.71
	Total:	122,495.28

APPENDIX C

DIAMOND DRILL LOGS

MINERALS AND ALTERATION TYPES

AS arsenopyrite CL chlorite EP epidote HE hematite MG magnetite PO pyrrhotite SI silica BIbiotiteCPchalcopyriteGEgoethiteJAjarositeMNMn-oxidesPYpyriteSPsphalerite

CA calcite CY clay GL galena MC malachite MS sericite QZ quartz TT tetrahedrite



DRILL LOG

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PROJECT	···				<u> </u>	COLLAR ELEVATION
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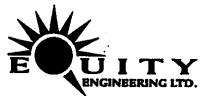
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PAGE Z OF 4 PROJECT MALA	Put	7							НС	DLE MA	98
		Щ.	8	SAMPLE	S				AS	SAYS	
MINERALIZATION DESCRIPTION	TOTAL	SULPHIE	FROM	то	HTOIM	SAMPLE NUMBER	ppb Au	19 Ag	ppn Pb	ppin Zn	
	H	F									
3.1-6.7 - Robble + 1% Py	╞┼╪		3.1	6.7	3.6	298624	5	20.2	34	88	
		Ħ		 				ļ		ļ	
67-2-3 R.U. 1-390 Py			6.7	73	0.6	298625	5	0.8	26	130	
7.3-12,1 - Dominanty 1-3% Py				9.1	1.8						
in forchoras + diss			<u>73</u>	7.7	1.0	626	5	0.2	20	71	
	10.01		9.1	10.7	1.6	627	5	0.2	10	54	·
		F		<u> </u>			<u> </u>	<u> </u> .	<u> </u>		
		\square	10.7	12.1	1.4	628	5	0.1	22	86	
	#	붜		ļ	ļ			ļ			
12.1 - 13.4 Numerous CA, microfischurse			12.1	13.4	1.3	629	5_	0.6	78	187	
PY deminantly in 1-2 mm fractures				14.5	1.					<u>├</u>	
1-3 to T 13.4-18.3 - 1-3% Py in forgelares			<u>13.4</u> 14.5	14.5	1.1	630	<u>5</u>	0.6	38	270	
+ weakly diss in MS/cpalled	Ħ	Ħ	15.8	17.1	/.3	632	5	0.4	<u>24</u> 40	124	<u> </u>
	TH-	Ħ	<u>,,,,</u>			<u> </u>		0.1	- 10		
	H-	Η	17.1	18.3	1.2	633	5	0.4	8	67	
·····		Н									
18.3-19.5 1-3% PY - Dominantly	╞╫┠	Ħ	18.3	19.5	1.2	634	5	0.6	<u> 22</u>	84	
Fr. fill + diss Pr clashing	┋	Ħ	<u>19. S</u>	<u>Z1.3</u>	1.8	635	5	1. Z	14	<u>134</u>	
near E.P. + A Acchires			21.3	23.7	1.5	636	20		4	74	
17.5-24.7 - 3-5% PY clastering		П	73.2	24.7	1.5	637		20.2		<u>54</u> Sz	
fractures Weakly SI zones		1	24.7	26.2	1-5	<u> </u>	<u> </u>	20.2	_ <u></u>	- 52	
			26.2	27.7	1.5	639	16	20.Z	. 10	53	
24.7-29.3 1-5% PY as for fill		Н									
I diss. Very Andered /fealled		H	27.7	29.3	1.6	640	5	0.6	. 76	151	
Swirt Jardwood badding		Ħ						ļ			
29.3 - 30.8 - Tr PY + Tr GNISP			29.3	30-8	1.5	641		20.2			
as small diss in CA Vains LZCA 30-8 - 32.3 - Miner GNTSP in CA		H	30.8	32.3	1.5		5		82		<u> </u>
30-9-32.3 - Miner GNtSP in CA			32.3	8_	1.5	643	<u> </u>	<i>20.</i> 2	_ Z Z_	/72	<u></u>
Voicing , T- PY 32.3 - 41.3. T 1% PY as	R I		33.8	35.4	1.6	6.44	5	40.Z	24	103	
fracture fill		Ħ	35.4	369	1.5	645		0.2			
		H	36.9	37.8	0.9			0.Z		F I	
		H						<u> </u>		 	
-		╞┤	37.8					<u> Ko. Z</u>			<u>. </u>
		1	39.3	41.3	20	<u>64</u> 5	5	9. 4	42	233	
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PAGE 4 OF 4 PROJECT MAL	APUT				·	•		нс	NE N	1À
	. н	L	SAMPLE	S	ļ			AS	SAYS	_
MINERALIZATION DESCRIPTION	TOTAL	FROM	то	HTOW	SAMPLE NUMBER	ppb.	ppm	ppn	ppn	Ī
				5		Au	A	PL_	Zn	
45-4-42.4 Tr-1.9. PY assoc. wi	╌╼╴┫╴┽┼	45.4	47-1	1.7	298649	ح	0.6	64	126	L
Lican CA vaining in strong MS/C	┸╌┫┽┼	┨────	<u> </u>	 			ļ		 	L
alt's tall.	╌╶┠╂┼╂	1	<u> </u>				 		<u> </u>	L
and the second s			<u> </u>	 					<u> </u>	┞
51.6-57.6- Te- 1% fy in CA. 12	╼╼╂╂╤╂	51.6	52.6	1.0	650	5	20.Z	38	98_	┡
Strong MS aft's zone		52.6			·		<u> </u>		<u> </u> -	┡
57. 6-54.0- T- PY in strugh boken 4. Styr: Imskniss all'a contact			54.0;	1.4	<u>651</u>	2	0.2	42	149	┡
54.0-55.4 - 17: Alone - Strong MSalt	0	54.0	55.4	1.4						┡
15.4 - 56.4 - " "		59.0	56.4		652	5	0.6	20	159	┝
	╼╫┼	177. <u>-</u>	26.4	1.0	653		0.6	24	/43	┝
56.4-58.0 - Rush - stonely for + bx.	━┣╂┼┼	56.4	58-0	1.6	654	5	0.8	402	z9/	-
miner gouge							<u>-</u>	104		-
58.0-59.7 - To Pt in Rushy for & Pyts	┍╶┟┨┼┼	58.0	57.7	1.7	655	5	0.4	20	161	ŀ
miero finatores 20.5 mm										
59.7-61.1 To Ay in SI microfractures		59.7	61.1	1.4	656	5	40.2	48	74	
61.1-62.5 As About	──┼╉┼┼	61.1	62.5	1.4	457	5	0.4	32.		
12.5 - 64.1 As Above + Rushy handare	<u></u> <u> </u> <u> </u>	62.5	64.1	1.6	658	5	0.6	50	89	
Suchaces Minior Principase 6)63.	ѷ҇҇ѽ╢╢┼	 	ļ	<u>-</u>			<u> </u>		 	L
4.1-65.8 To by in muchachures	╾╫╂┼┼╴	64.1	65.8		659	5	0.6	68		L
65.8- 67.4 · · · · · · · · · · · · · · · · · · ·		25.8	67.4	1.6	660	5	<i>a.</i> 6	62	127	-
miner PY in Dark CA HMS patches]						<u> </u>	i	L
up to Icm My = 3mm		67.4.	68.9	1.5		5				┝
67.4-68.9 - As Howe	∠]]	100	-7		661		0.6	54	2//	┝
Luber all Mail	۶ ¦¦⊥	<u>689.7</u>	70.4	1-2	667	5	0.2	46	193	-
Different rashyrr, I'm Stain	╶╴╞┫╧╧╧	2.4	71.9	1-5	663	c	0.2	11=	177	-
719-73.5 - Strank L - Ructo For		71.9	73.5				K0.2		1	
73.5- 75.0 - Ruch For + To Py :		73.5	75.0	_			0.4			
mice fractures										
67.4-68.9 - As Howe 68.9-20.4 Tr-1% ly in fr. fill. Surg bucken, rushyfr. Min stain 20.4-21.9 - As Abure 71.9-73.5 - Stronglyfr Rushy Fr 73.5 - 75.0 - Rushy Fr + Tr PY in micro fractures 75.0 - 76.6 Shorn ly fr. with PY abug fr. Rush surfaces, mine Low H gouge noor base alt's comb		75.0	76.6	1.6	666	5	0.2	18	111	
along for Rush surfaces mine										L
foult gouge non basel alt's comb	2H#	<u> </u>							 	L
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PROJECT						COLLAR ELEVATION
	- MAL					
		AFACT				1245m
HOLE						AZIMUTH
MAL 98	3-03					180°
LOCATION					· · · · · · · · · · · · · · · · · · ·	DIP
6	So. 13					- 65
	<u>E</u> 10	1.6				
LOGGED BY					-	LENGTH
J. Lehtin					•.	103.3
DRILLED BY						HORIZONTAL PROJECTION
Falcon I	كمالنه ل	H/c.	llant Trucker	•		43.7
ASSAYED BY				<u>.</u>		
						VERTICAL PROJECTION
Eco-Te	loh Lak	haf_l ze	ι.			93.6
CORE SIZE				• • • • •		ALTERATION SCALE
BTW						
DATE STARTED		[DATE COMPLETED			- LII absent
Aug 24/	18		Ang 25/98			slight
DIP TESTS BY						slight moderate
						- 894
DEPTH	DIP	AZIM	DEPTH	DIP	AZIM	_ intense
103.3	-63-5	ļ	· · · · · · · · · · · · · · · · · · ·	_		
						0 1 2 3 4 SULPHIDE SCALE
OBIECTIVE						- J I traces only
CODECTIVE F	in the	same	location as M	1AL 98-	or, steepen	- traces only < 1%
the d	ril hale	to deter	mine the a	hip of H	he	1% – 3%
i alterni	ion Ea	ne.				3% - 10%
-						> 10%
011111100						
SUMMARY LOG		•				
0-4.6 - Cas	ing					
4.6 - 33.3 - 1	Indesite	Ash Tut	¥		4.9 -10.3	- 1-3% Pt
33.3 - 38.4 -	· Crystol	Tuff			27.7-30.0	- 1-3% PY
39.4 - 91.8	- Intense	Alterat	tion Zone MS	tca st a	8	· · · · · · · · · · · · · · · · · · ·
91.8 - 103.3				- /		
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PAGE	2			OF				PROJECT	MALAPUT		<u></u> .	<u> </u>	HOLE		
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DEPTH (м)	% CORE		ł		птногоду	ĮĘ	5	i	GEOLOGICAL DESCRIPTION		T	<u> </u>	T	<u> </u>	
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PAGE 2 OF 2 PROJECT MALAPU	.+		-		:			но	LE MA	د
	u u	5	SAMPLES	;				ASS	SAYS	
MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	FROM	то	HLICIM	SAMPLE NUMBER	ppł An	₽₽~~ Аq	ppm. Pb	pp-	
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4.9-6-9 Mod MS+SI at wi 1-3% Pr as for fill + diss		<u>4.9</u>	6.3	1.4	298671	5	0.6	124	164	
6-3-7.6 13: above		6.3	7.6	1.3	672	5	40.7	10	77	
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7.6-8.8 As above: Endofalt's @ 8.9.		7.6	<u>8.9</u> ,	1.2	673	5	0.4	80	159	┝
85-10.3 = 1-340 Pt as f. fill Nomerous	DG	8.8	10.5	1.5	674	/5	1-0	66	29	┢╌
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and a real 29. R. C. Aller John and		27.7	29.Z	1.5	675.	5	0.6	18	119	┝─
17.7-29.2-390 AV as fr. fill + patchy zonas + diss. in weakly mothed/altered zona			2// -	,			0.6			
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19.2-30.0-16 Py in A. fill. Purplish mining		29.2	30.0	0.8	676	5	0.4	10	7-8	┝
= fig at + MS? or HE + Si? 30.0-31.4 T- 196 Pt in fr. + weak CA		30.0	31.4	1.4	677	5	0.8	20	91	┢
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38.4-40.0 Formaly broken, CH Str., talti	┥┥┥ ╸	38.4	40.0	1.6	678	10	1.4	74	123	F
7-170 PT along to.	$\Pi +$									F
40.0-41.1 Fault Eme with The.		40.0	41.1	1.1	679	5	0.4	176	355	╞
PC 42.1-43.3- TE PY timinar black		42.1	43.3	1.2	680	5	0.6	44	7/	┢
QZ= sx? Fine PY in Fr's		724	<u><u><u></u><u></u><u></u><u></u><u></u><u></u></u></u>	<u>,. c</u>	<u>694</u>					E
CA + PY										Ĺ
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DEPTH (M)	CORE REC	% ROD		T	TTHOLOGY	STRUCTURE		<u></u> ,	GEOLOGICAL DESCRIPTION					AB		-10	RACTURE
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- 20	88	79						2+PY	71.8-74.2 - Crystal Tiff - xfals y to 2mm - Litht go to HE. alt id					4			
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E E	8	16				4			78.0 - 79.7 - "Bitty" Gre. = pelega mi						H G		이에 다 가 다 다 가 다 다 고 다
- 1 0	93	\$6							dort gy suls & lines = CP + PY. 79.7 - 82.6 - Kushy R. + M. shin. Minis-								
	106	56							Chy altid zones .				2月19日 2月19 2月19 2月19 2月19 2月19 2月19 2月19 2月19		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		
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PAGE 4 OF 6 PROJECT MALA	<i>put</i>				•	· · /	/		но		- 18 -	·c
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SYA-SS. 4 - Tr Pt in CA filled fr. @	╈	Ħ	54.0	CC II	1 "	298681	5	0.6	24			
st) 20-40° TCA.	╶┟┟┼┤	Ħ	37.0	<u></u>	7.4	278(03)	2	0.6	_44	47		-
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2) 59.8-61.3 - T 1% PY + sf. All	┢╆┿┥	Ħ	59.8	61.3	15	687	5	1.0	184	188		
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1) 16.8-66.7. Vinc CA vaining char C.A.		Ħ	65.8	667	0.9	69.3	s	0.4	130	272		
63 65-8-66.7. Vings CA vaining along C.A. 190 PY		Ħ										
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78.0 - 79.7 - Tr- 1% Dy in handing	╆╪	H	78.0	79.7	1.7	684	5	40.2	42	151		-
so finitures + patchy CA clusters		Ħ			<u> </u>							
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				1-				0.4	68	169		-
81.1 - 82.6 - Stongly alt'd, ruchy Ma		Ħ	81-1	82.6	1.5	685	5	<u> </u>		1		_
81-1-82.6 - Stong ly alt'd, rachy Ma stoin ICY, To PY		$\left - \right $									t—–	
81-1-82.6 - Stongly alt'd, rudy Mn Stoin ± CY, T- PY 8) 82-6-84.1		$\left - \right $	81.1 82.6	82.6		685		a-2	18	33		_
8) 82.6-84.1			82.6	24.1	1.5	686	5	<u>ه ۲</u>				
85) 82.6 - 84.1 88.7-90.2 - 1% Py in extremely			82.6		1.5		5		18 164			-
85) 82.6-84.1 88.7-90.2. 1% Py in ortranely			8 7.6 88.7	84./ 90. Z	1.5 1.5	686 687	5	۵۰۲ ۲.۲	164	117		-
85) 82.6-84.1 88.7-90.2. 1% Py in ortranely			8 7.6 88.7	24.1	1.5 1.5	686 687	5	<u>ه ۲</u>		117		
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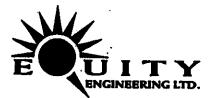
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AGE 6 OF 6 PROJECT MAL				AMPLES	<u></u>					OLE MM	-98-0	>3
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PROJECT						COLLAR ELEVATION
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J. Leh	tinen				•*	147.8
DRILLED BY		··· <u>-</u>				HORIZONTAL PROJECTION
Falcon D	متاانمو	/Gallan;	+ Truck	ing		95.0
ASSAYED BY				<u></u>		VERTICAL PROJECTION
Eco-Te	الم لمه	5				113.2
CORE SIZE		1		····		ALTERATION SCALE
BT	\sim					0 1 2 3
DATE STARTED		DAT	E COMPLETED)		absent
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147.8	- 49.5					
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OBJECTIVE	1 .			~ 1 . J		
544	p out 1	oom Wes	t along 1	ralapur	.	1%-3%
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SUMMARY LOG						
0-6.1 - Casir	<u> </u>	au 1:				1 - 1-3% PY
6./- 34.2	Strong /	Hoteretron	2000 M3C	9,571198	6.1-36	1 - 1-376 PY
- 14/80	- sak	FF alto				· · · · · · · · · · · · · · · · · · ·
34.2-36.1	5L	nul 1:	2 1:			
36.1-42.9		t in Del	<u> </u>	* 45 * 6000	52 6 - 11	9 - 1-3% PY
42.9 - 62.9	<u>- [4nq</u>	esire restrict		co tes A		
<u>62.9 - 79.1</u>	- 54	E.L.	alleral		· · · · · · · · · · · · · · · · · · ·	
79.1 - 86.0 86.0 - 87.1	- n.l.	- contraining			1	•
<u>871-97.5</u>					1	
97.5 - 95.0	- Mada	L D. L.	/			· · · · · · · · · · · · · · · · · · ·
95.0-119.0	- Storm	Alterned Zon	MS CA	ST. MR?		
119.0-127.8	- Andes	te Augite 1	ecohury			
127.8 - 147.8	5 - Stran	Alteration	Zon Few	s×		
177.8 - 147.1 Ans	s cn + s	T AB? KA	-?			
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PAGE 2 OF 8	PROJECT FANING				-	·	<u></u>			LE MAL	98-01
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MINERALI DESCRI		TOTAL	FROM	то	HLUM	SAMPLE NUMBER	ppb An	pp-	FP PL	<i>م</i> و~ کو	
		┟┰┰┧								<u> </u>	
6.1 - 9.1 - Robbly core -	3% Py. Diss.		6.1	9.1	3.0	298690	5	0.4	22	124	
9.1 -10.7 - K-spor Altid.	? 1-29% PY-L (11	╏╏╎	9.1	10.7	1.6	691	5	40.Z	8	53	•
	s Solom - orange	╏╫┼┨		10-7	<u> ~ ~</u>		╏──┸──				
10.7-11,7. As above F	SI some basel 25 cm		10.7	11.9	1.2	692	5	0.2	16	115	
1107-13-7 - 590 PY as 1	G fill + diss as		//.9	13.7.	1.8	693	5	0.4	54	127	
alt'a frants in Kyo											
13.7-15.2 3% Ar-d	issasafta.+A.fill		- 13.7	15.2	1.5	694	15	0.2	16.	80	
					<u> </u>	ļ	<u> </u>			┟──┦	
15.2-16.7-3% PY	s above		<u>15. Z</u>	16.7	1.5	695	<u> </u>	0.2	12	90	
16.7-19.2 + 5% Pro	It's P letter			18.2		696					
+6.411	<u> \$_4:(h +++++)</u> [d(\$5)		16.7	18.2	1.5	676	20	1.0	<u> </u>	126	
19.2-19.2 1-3% P	as fr. fill-hardine		15·2	19.8	1.6	697	5	0.4	12	83	
stringers!		FH-									
19.8-21-3 1-3% PY as	: abure wi want		19.8	21.3	1.5	698	S	0.4	_10	57	
Kson altin. Sta	my his.		-								
21.3 - 22.9 - 1% Fr.	Fill this PY. WK	<u>E</u>	21.3	22.9	1.6	699	30	0.2	B	70	
Kyper? ellin			1							<u> </u>	
22.9-24.4 - 1-3% P	Y - As along Strong		72.9	<u> 24.4</u>	1.5	700	5	0.8	22	120	
Rusty Fr along C 24.4-25.9 1-3%	.A. CA strongers		29.9	25.9	1.5			1.2			
altil the TAP Pro				12,7	<u> </u>	70/		1.2		153	1
25.9-27.4 1-3% in h		<u>.</u>	- 25.9	27.4	1.5	702	5	0.6	14	97	-
+ A. GII		H4 I	-								
27.4-29.0-1-5%A	a strongly for. + wk Ky		27.4	29.0	1.6	7-03	5	0.8	22	130	
oltr, Fe stein on fin	they.	his I	┫		ļ	· · · · · · · · · · · · · · · · · · ·	ļ			 	
29.0-30.5 As Abo			29.0	30.5		7-04	5		16	77	
30.5-32.0 - Diss PY		1702 1	30-5	3z-0		795			76	115	
32.0-33.0 7 Entremoly 33.0-34.2 miner Alts			52.0	33.0		7-6	S	1.4	110	182	
33.0-34.2 Miner +1+ 5 34.2-36.1 Fult gauge		13 U. T	33.0	34.2		707	<u> </u>		<u>28</u> 30	110	
17 fractures / Pray's				1-101/	+ <u>···</u>		<u> </u>				
72.1-57.5 Tr-12 Pr 15 1	. strack CA shinered		36.1	37.5	1.4	709	5	0-6	32	82	<u> </u>
+Alld that K-sper?	- manya dt's.										
37.5 - 39.0 HK Ksm-?	erange alt'n + CABZ		325	39.0	1.5	710	5	0.4	12	88	
Sty Th - 1% PY as	disc the fill			ļ	ļ	 		ļ			
39.0 - 42.9 - 1% PT a	s alt'n + whe for fill		39.0	\$6.5	1.5	711	5	0.4	6	49	
Decremente MS 01	It's downhole		40.5	41.7	1	7/2	5	40.2	- 6	60	
the CARE - borrow O,	MY+QZ-1st		4.2	42.9	1	713	5	0.6	10	55	-,
42.9 - 44.4 - 1-5% Py	- 4-		42.9	44.4	1.5	7/4	5	0.2		138	
Till PY as alt's 1 in fractures	TT HI Minar HE		<u>+</u>		{		[┼───╂	
in fractiones			+			<u>†</u>		l	<u> </u>	┟╴─┤	

PAG		3		0)F	8	>		PROJEC	т	MALAPLY				Ţ	HOLE M	5-04
DEPTH (M)			3				STRUCTURE				GEOLOGICAL DESCRIPTION	F			ALTER	_	
- 7 3	T	Ī	╈		Ē	5	STR	_	· <u>····</u>	-	fractures stringers of CO COTPL		∧ ∓-	ST ST	AB:	Сн 6 1	۲
-	×	⊳ a	8		٦ ٦	Life			4"		Alliat varies & TCA. PY as diss, fr. fill + strars.				91 문 문 신신]		
	ια	0 67						» 2	•		52.3-60.9 Extranely minstactoral /stringerd					31 31 21	
- -	9	43	6			E	-X	r L	Gauge		Shingers as show statunt or errolic I late faulted or following fractiones ?						
- 55	k	050	0				¥	/ /	CA 130-		Stringers - CA-QE mins						
•	9:	325	s						Α, ⊅Υ,								
_60	90	Ϊ ₄₋₇						╋	hegy HE		60-9- 12-9 = x tal boilt ash taff - minor light						
	-						ľ,		<u>z-9-</u>		gn altit trys - Freheile ?=> Chlyike Extremely 1916-00 Zang						
-65	93	26	, -						79.1		Preblith = Backled High Tuff?) Schron arrige - to light gray Brittle fracture theoretest in brock						
	77	ĸ							A 1.3		Puritie 62 hairline stringers 11 TEA						
-70	89	14									TE GN in fractions + CA string a-s TE-1% PY in Hartone stringers (02) Selmon Orange Selferation = K sear 7						
	84	13	11			7											
- 75	ta a		╏						2.								
	100	S					1		9.1- 86.0		Streng- Estrendy Allered						
80	100	16			Wa.						Crysh Levelit Tuff - Crysh Levelit Tuff - Crysh gy-while, miner cronge (KF)						
	98 98	_'					ŕ,				Sections Challing base Throughout interval = Imm circular						
8 5		17					N N				gn in white matrix mine Py			、485 また5 また5			
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PAGE 4 OF 8 PROJECT M	ALAPUT							но	MA	<u>ل مع</u>
	ų	5	SAMPLE	5				ASS	ays	
MINERALIZATION DESCRIPTION	TOTAL	FROM	то	HTOW	SAMPLE NUMBER	ppb Au	ppm Ag	for- Pb	ppm Zn	
<u></u>		<u>↓</u>	<u> </u>	<u>├</u> ───		`	╞╌			<u>├</u> ──
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57.5-59.4 - Strong Alt'n + somatic PY	<u>~</u> HH	525	59.4	1:7	2987/5	5	1.0	22	160	
R. Fill . Vary analie 1-3" PX		-								
19.4-60.9 1-3% - F. fill tout	4 Pr +++	59.4	60.9	1.5	716	5	1.6	रप	135	
eratic ca-az stringers										L
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65.7-65.4 - Struly Fr and Kyp alt' Tr PY in Si frances, M		63.9	65.5	1.6	717	5	0.2	30	90	┣—
· · ·		┨	ļ	_	<u> </u>	↓	<u> </u>	 		┢
(8-6 - 70.1 As above + 15- appen		68-6	70.1	1.5	718	10	1.2	112	116	
& TE.GN.				ļ	<u> </u>		+		 ,	┣—
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HOLE						AZIMUTH
MAL	98-05					360
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	<u></u>					slight
DIP TESTS BY						slight moderate
DEPTH	DIP	AZIM	DEPTH	DIP	AZIM	intense
108.2	- 49.5			_		
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OBJECTIVE						
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SUMMARY LOG			·			· · · · · · · · · · · · · · · · · · ·
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20.3-23.4	Andonike			<u> </u>	· · · · · ·	3.5 T- GN SP
23.4 - 26.6 26.6 - 27.6	Fellswar 1	Porphyry	<u> </u>			· · · · · · · · · · · · · · · · · · ·
26.6 - 27.6	- Andreita			····		
276- 34.9	Strong	Alteration	Zone			
27.6- 34.9	- Hodesit	e Ash Ti	<u>#</u>			
46.9 - 53.9						۰
<u>53.9-560</u> 560-70.5	<u>- Andrevia s</u> _ A	nITM	· · · · · · · · · · · · · · · · · · ·			
70.5-71.3-						······································
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92.9-96.2	- Andresh	4				
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15	98	Ý	9					CP in CA						Ħ		₽		
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	9.8	44	9	lĿ		┢	<u> </u>		Anderila Madran aver unan 1.5m beau in insuring		+			Ħ		Ħ		
	┝		-1		416			42+CA	Med. on over upper 1-Son, becoming increasingly alkend (ms + CA) Upper interval with	H	+					Ħ		
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	┢	┢	┥╽		24		Ļ	23-4-26-6	Feldspor Paphyry									
	100	۶e		f		Z		45	Light gn MS altid F.S. phanes in solman	14 14 15						Ħ		
-30	┢	┢	1		27 26	8		\$	Remnent Manchik elto to HE.				(1)名 (4)居 (月)月					
	PG.	34	4.	Ē	e2.6		71	26-6-276	Andonite - as 20.8 - 23.4		1.1440	ž 1	6 () (] () (] ()					
	┢╌		1		2¥ Sčm		30 70	<u>27.6-</u> 34.9	Strongly Altered Zore Probalith - Badasite? - Audosta-Taff					l Mir Size	Ħ			
	100	74	1	Ż	74				Very strongly strongered the chard with CA	山田市 12月前 2月前日 11月前日 11月前日	122			1				
35			†	Ē	B		(40) /	34.9-	Andesite Ash Toff	NU P PABEE MEET						┙ ┙ ┥ ┥		
	100	64	1		Nċ	Í	겁	46.9	34.9- 39.3 + Mad GN. fine grained strong	6194 F 6195 F 6195 F			+			₽		
			†	H	PY	4		o,ca	29.3 - 45.6 - As above, but showing HK altin	5H 574			Ŧ			THE PARTY		
40	97	71	$\left \right $	F	=	X			(archie distribution) along bads, but	Ŧ		Ħ	-			2 7 7		
			t	F		⋠	H		45.6-46.9 No. HE alt'n. CA aboy C.A.				+					
. [100	69		F	B	4			+ Straged (manafic throwhapf)		H	╡					\prod	
45	100	78		F		1	1				╞	╂				2 () 3 ()		
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PAGE 2 OF 6 PROJECT FAMP -	MAL	A PI	AT						НО	ILE MI	د ۹۵	-05
	T	w	s	AMPLE	S				_	SAYS		_
MINERALIZATION DESCRIPTION	TOTAL	SULPHIDE	FROM	то	HLIDIM	SAMPLE NUMBER	PP to Au	Ppm An	pp Pb	ppm Zu	·	
		H										+
	H	H										
	┈											
- B.4 - Diss Py as altin in J. Ms. altid Andret for fair Py = 1-3%			6.7	8.4	1.7	298727	5	0.4	16	96		┞
24-9.9-1-8% PY-dis. SiAll' 9.1-9.4	H		8.4	9.9	1.5	728	10	602	12	58		T
9-11.5 3-5% Py-ac alt'aldiss)			9.9	11.5	1.6	729	50	0.2.	14	115		
+ fr. fill	1.78 Di 1											
11.5 - 12-6 - 3-5% Py as theme			11.5	12.6	1.1	730	15	0.4	22	10.6		Γ
SI home 11-5-12.2 "	11°, 12. t	-										
2.6-13.9 1-3% Py-diss + A. All STA			12.6	13.9	1.3	73/	5	0.2	10	60		
12-6-13.7							L					
3.9-16-4 T 1% PY, Tr CAD 148m (CHall	卅	*	1.3.9	15.4	1.5	732	5	0.4	{ Le	125.		
5.4-16.8 1-3% PY in FritCA	. 11 S.		15.4	16.8	1.4	233	10	20.2	. 18'	168		
68-18.3 Dominantly CH All'n MS			16.8	18.3	1.5	234	5	20.7	17	108		
8.2-20.3 @ 17-2-18-6			18.3	20.3	2.0	735	5	20.4	ZY	175		
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	_由	+								L		
1.8-22.5- All'a (ms) sumanding			21.8	22.5	0.7	736	5	0.8	14	18z		1
Ot verning . 1-3% Py in verning To PY in alt'n.							L					1
To Princelt'n.								ļ				
							<u> </u>					<u> </u>
23.4-24.9 - To CP PY ISP in herdine			23.4	24.7	1.5	732	5	40.2	6	50		
Strars (QZ) in Intrusive WKCY alt'n		F										┡
	-E					<u> </u>						
7.3 - 28.7 - Very Shongby CA verned + altid.		Ŧ	z7.5	<u>28.7</u>		738		20.6	1			_
18-9-30-4 T-GU, SP. in CA Verning . All			28.9	30.9	1.5	739	<u> </u>					–
0.4 - 32.0) strong Mrs altid. Veining			30.4	52.0	1.6	740	S	<u> </u>	_38	187		<u> </u>
errefic + xa Hay Tr - 1% Py	- X			22 (
12.0-33-5 - 1% Diss Pt-altin., 15 cm			32-6	33.5	1.5	741		0.6	12	134		
CA win, T-PY+ GN SP? B.S - 38.7 - 1-3% PY - diss + F. fill												+
13.5 - 37.9 -1-3 10 FF - 0155 + Fr. +ill			33.5	34.9	<u>. 1.4</u>	742	5	<u>o.</u> z	14	7.4		
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8-1-39-4-1-390 Pros fifth in	5	╈	38.1	<u>39. y</u>	/• 3	743	<u> </u>	0.2	26	138	<u> </u>	+
CH+CR Fr. Single 1 cm QZ_CA+Pin.	÷.	┢		<u> </u>		· · · · · · · · · · · · · · · · · · ·	 					+
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4.1 - 45.6 - TO PY in fr. in strong		⊢	44.1	45.6	1.5	744	<u> </u>	<i>40.</i> Z	30	-01	<u> </u>	╢──
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DEPTH (M)		% CORE REC	% R0			ПТНОГОСУ		STRUCTURE				GEOLOGICAL DESCRIPTION		0		st		ms					भ
- 45						A				46.9-53	.9	Andonite ?		Ŧ	F	H		П		Π	┟┯		Ĥ
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-	96	. 6	6		E			Ŧ	Â	<u>, ca, ps, q</u> Su, <u>ca, pr</u>	-	gy + gr. Mel-strangly stringered CA PT QZ	Ě		+	Et			H	\mathbb{H}	\mathbf{H}	ľ	
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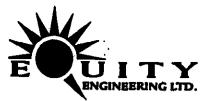
PAGE 4 OF 6 PROJECT MALARY	t								НО	LEMA	1 98-	٥S
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MINERALIZATION DESCRIPTION	TOTAL		FROM	то	HTOM	SAMPLE NUMBER	nı Au	pp (7a	pp Pb	ppm Zh		
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3.9-55.7- 3% Pt diss & fr. All			5.9	55.7	1.6	298 745	5	1.2	46	145		
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57.2-58.2 - T- 170 PY in Ca shqil +		E	57. z	58.7	1.5	746	10	1.2	150	591		┢
we we alt'n.		Ħ		-0.2		<u> </u>		<u></u>	- <u></u>		· ·	+
52-2-60.1 - T-18 PY - Fil. in KF .		F	58.7	60.1	1.4	747	5	2.0	うてて	862		
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1.3-628- 196 PY in Fr. fill - Siliefied		E	61.3 -	62.8	1.5	748	<u> s</u>	0.4	32	145	····	┼─
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(5.8-66.R - Frechen subpavollel to C.A.			65.8	66.B	1.0	759	20	0.Z	50	113		
5.8-66.8 - Freder subpurallel to C.A. = Som = Vingy wi Pt 1-3% Pt avoid		F				·		 				<u> </u>
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H, 3-72.8- TE-190 Pt- in GE-CA		F	71.3	32.8	1.5	756	5	1.4	99	287		\uparrow
a character of the property								· ·				
2.8-74.3-1-37. in Fr Failt care		H	72.8	74.3	1.5	75/	IS	1.6	544	814		
74.2-75.7-1-5%/1 as Fr. fill	ЦÍ.		74.3	75.7	1.4	752	s	0.8	<u>z6</u>	.117-		
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79-0-80.4 - 1% Pr as fr.fill		E	79.0	80.4	1.4	753	5	0.8	28	120		
(Random Sampk)		Ħ						<u> </u>				-
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2.6-84.1 - 1-3% PY-across		Ħ	82·L	84.1	1.5	754	5	6.2	/7	53		┢
olt'n change CH = MB. PY disc "		Ħ					<u> </u>					
elt's change CH 7 AB. PY diss . + F. fill		B										
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AGE 6 OF 6 PROJECT MALA	PUT						•			MA	- 18-0	5
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MINERALIZATION DESCRIPTION	TOTAL		FROM	то	HTOIM	SAMPLE NUMBER	pp b	ppm Pg	ppm Pb	ppm Zh		
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PROJECT					COLLAR ELEVATION
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l	entinen			•	LENGTH 62.0
DRILLED BY		······································			HORIZONTAL PROJECTION
Falcon	Drilling Ltd	· /Gallant	Trucki	29	40.4
ASSAYED BY				<u> </u>	VERTICAL PROJECTION
	Tech Labs				48-1
CORE SIZE					ALTERATION SCALE
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DATE STARTED		E COMPLETED			
DIP TESTS BY	I				absent slight moderate
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46-1-47.5 TE-1% PY diss + f. fill TE. P\$		46.1	47.5	1.4	298760 .	5	K0.2		68		F
47.5-49.2-1-3% Pt - Trad		77.5	49.2	1.7	761	5	0.4	46	187		
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<u>3.6-4.1</u>		53.6	55.1	1.5	762	5	ko.z	18	57	· · · · · · · · · · · · · · · · · · ·	<u> </u>
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6.7-58.2		567	58.2	1.5	764	s	20.Z	22	70		
58.2-57.7 - 190 PY as fr.fill in fr		58.2	59.7	1.5	-765	5	20.Z	22	63		
11 T.C.A. 57.7-61.1 - TE Price this f. fill	╶┟╉┿┽ ╺┟╉┿┽	59.7			,	5		.9.			[
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EUITY ENGINEERING LTD.

PROJECT						COLLAR ELEVATION
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MAL	98-07	F				180°
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DRILLED BY						HORIZONTAL PROJECTION
7	ALCON	Dailling	LTD. /G	ALLANT	Tructing	67.7
ASSAYED BY						VERTICAL PROJECTION
Eco	- TECH	LABS L	ть.			677
CORE SIZE					•	ALTERATION SCALE
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DATE STARTED	•	DA	TE COMPLETED)		absent
DIP TESTS BY						slight moderate
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		<u> </u>	-		··· ···	0 1 2 3 4 SULPHIDE SCALE
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						1%-3%
						3% - 10%
						> 10%
SUMMARY LOG						
0-3.0 Cosi	. .		w r - 		23. 2 - 27. 3	- TF. SP
3.0-10-5 - Ba	relad Ang	illita y Ash	TH			
10-5-15.9 . 1 15-9 - 27.2 -	Prodesita F	eldspor Por	abyry Dyk	e		
<u> /5.9 - 27.2 -</u> 27.2 - <u>35.5</u> -	<u>Dendad</u>	Argellite y	Hsh Jutt			
35.5 - 74.z ·	- Bornlad	Ash Tuff	+ Ari, Mile			
74.2-760	- Andesit	Felleme	Perchury 100	<i>k</i> •)	_	····
76.0- <i>8</i> 7.5	- Banded	Ash Tuff	+ Arcillite			
74.2-760 76.0-89.5 89.5-95.7	Anderite	e Crystel L	pilli Tuff			۲.
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Stringered CA-MS alt'd zone Stigs 45 TCA									L			
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Tr-190 Pr + Tr. red SP.								L			<u> </u>	ŀ
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-Stoges + voins < 3cm. 26.3 - 27.3. Top contraint and Dio Patchy SP. Pr @ contract within 10m			26.3	27.3	1.0	7-70	5	10.2	34	64		L
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PAGE 4 OF 5 PR	OJECT MALAPAT			· ····			1				HOLE	48 -	<u>07</u>
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64.2-15.7 Py- 1% di	is in crse			64.2	65.7	1.5	218773	5	60.2	3	0 78		
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65.7-67.2 - As above + .	Pø	5.0.5		65.7	67.3	1.6	774	la	20.2	z	2 66		
67.3 - 68.3 Ar above + SP.	- Tr- in CA Vain	- 1 F	-	67.3	68.3	1.0	775						
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APPENDIX D

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CERTIFICATES OF ANALYSIS

10-Sep-98

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ECO-TECH LABORATORIES LTD. 10041 East Trans Canada Highway KAMLOOPS, B.C. V2C 6T4

Phone: 250-573-5700 Fax : 250-573-4557

Values in ppm unless otherwise reported

ICP CERTIFICATE OF ANALYSIS AK 98-517

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EQUITY ENGINEERING LTD. 207-875 W. HASTINGS STREET VANCOUVER, BC V88 1NZ τ.

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ATTENTION: J. LEHTINEN

No. of samples received; 177 Sample type: Rock PROJECT #; WRM 98-01 SHIPMENT #: None Given Samples submitted by: J. Lehtinen

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Et #	. Tag#	Au(ppb)	Ag	<u>AI %</u>	A	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %		Ng %	Mn	No	Na %	N	P	Pb	8 b	8n	\$r	TI %	<u> </u>	V	W	Y	Zn
1	298601	5	0 .2	3.00	্থ	35	5	2.69	~1	23	154	27	4.21	<10	2.78	571	2	0.20	- 36	880	ব	5	<20	- 96	0.06	<10	109	<10	<	- 62
2	296602	5	<0.2	1.46	<5	30		2.29	-1	10	69	- 18	3.38	<10	1.43	351	7	0.05	9	400	2	<	<20	- 44	<0.01	<10	- 41	<10	1	47
3	298603	5	0.4	1.44		30	5	1.94	<1	5	28	20	3.12	<10	1.26	307	5	0.02	3	600	10	10	<20	41	<0.01	<10	13	<10	4	53
4	296604	5	⊲0.2	1.74	5	40	10	88.0	<1	6	17	12	3.06	<10	1.39	210	- 4	0.02	2	700	4	5	<20	19	⊲0.01	<10	10	<10	4	57
5	299605	5	⊲0.2	3.18	10	40	10	2.87	<1	29	108	68	4.56	<10	2.74	463	3	0.20	41	820	2	10	<20	113	0.04	<10	117	<10	<1	44
6	298606	5	<0.2	1.71	<5	25	<5	2.41	<1	23	74	30	2.93	<10	1.14	391	2	0.16	31	1040	2	10	<20	80	0.04	<10	- 48	<10	<1	32
7	296607	5	⊲0.2	2.16	<5	30		2.18	-1	26	96	- 81	3.99	<10	1.64	499	2	0,17	- 48	990	2	-	<20	69	0.05	<10	75	<10	<1	50
8	298608	5	⊲0.2	1.87	<	25	- 45	2.82	<1	25	78	- 66	4.21	<10	1.91	631	3	0.09	35	900	- 4	10	<20	52	0.05	<10	69	<10	<1	55
9	298609	5	⊲0.2	2.55	<5	45	10	2.72	<1	25	93	27	4.52	<10	2.80	692	2	0.12	35	1000	4	10	<20	- 54	0.07	<10	. 99	<10	<1	67
10	298610	5	<0.2	1.72	<5	35	10	4.56	<1	13	56	13	4.47	<10	1.91	1501	8	0.04	10	370	12	5	<20	91	≪0.01	<10	66	<10	3	92
11	296611	5	<0.2	0.75	30	30	<5	2.92	<1	12	30	77	4.93	<10	1.46	831	7	0.03	8	470	8	10	<20	94	≪0.01	<10	65	<10	2	86
12	298612	5	4.0	0.24	190	45		7.22	2	8	-46	103	3.49	<10	1.18	1409	12	0.02	10	440	90	15	<20	171	≪0.01	<10	13	<10	8	195
13	298613	5	1.6	1.04	845	40	5	4.53	<1	20	75	71	4.89	<10	1.01	841	17	0.02	19	590	18	-	<20	130	≪0.01	<10	51	<10	2	61
- 14	298614	5	0.4	1.29	10	40	5	3.38	1	13	78	- 51	3.82	<10	1.44	2611	8	0.05	- 11	610	88	10	<20	82	≪0.01	<10	61	<10	4	120
15	298615	5	0.4	0.65	<5	85	-5	4.01	<1	6	51	3	2.98	<10	1.34	1333	6	0.05	2	410	10	10	<20	113	≪0.01	<10	10	<10	8	82
16	298616	5	<0.2	0.19	-5	140	<5	2.10	<1	<1	78	<1	0.32	10	0.16	318	5	0.03	1	170	8	<5	<20	55	<0.01	<10	<1	<10	3	9
17	298617	5	0.2	0.21	35	65	- 45	0.67	3	1	68	3	0.56	<10	0.10	393	5	0.02	2	150	106		<20	16	<0.01	<10	<1	<10	3	155
18	298618	5	0.8	0.17	<	65		2.75	2	2	96	8	1.02	<10	0.36	1865	7	0.02	- 4	140	96	5	<20	- 45	≪0.01	<10	<1	<10	2	246
19	298619	5	1.0	0.21	<5	45	<5	2.77	2	- 4	89	- 4	1.52	<10	0.65	2912	- 4	0.02	3	190	132	5	<20	41	⊲0.01	<10	1	<10	1	199
20	298620	5	3.2	0.21	4	45	-5	4.58	7	9	69	96	2.64	<10	1.26	6260	7	0.02	3	400	318	15	<20	59	<0.01	<10	5	<10	4	527

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ICP CERTIFICATE OF ANALYSIS AK 98-517

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Et #.	Tag #	Au(ppb)	Ag	AI %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Ng %	(iin	. No	Na %	N	P	РЬ	Sb	Sn	8r	TI %	U	v	_₩	Y	Zn
21	298621	5	2.4	0.34	P	50	4	2.53	2	8	24	167	3.48	<10	0.77	7828	5	0.02	- 4	910	- 54	10	<20	- 46	0.01	<10	6	~10	5	208
22	298622	5	0.8	0,38		45	<	2.02	3	6	27	53	2.79	<10	0.53	4268	7	0.02	7	280	18	-65	<20	45	⊲0.01	<10	6	<10	4	312
23	296623	5	1.6	1,28	<5	55	4	3.90	6	17	35	67	5.06	<10	1.57	8997	5.5	0.02	6	870	120	4	<20	98	0.01	<10	35	<10	4	563
24	298624	5	<0.2	3,25	4	55		2.91	<1	22	185	126	4.43	<10	3.01	1211	2	0.16	54	1080	34	10	<20	103	0.05	<10	127	<10	4	88
25	298825	5	8.0	2.93	<	35	5	4.77	1	28	147	83	5.57	<10	2.79	2136	4	0.12	31	890	26	4	<20	85	0.02	<10	138	<10	2	130
																		_				_		- +					-	
26	298626	5	0.2	4.04	<5	50	<5	4.34	<1	31	175	248	6.05	<10	2.98	1301	3	0.27	38	1190	20	10	<20	143	0.04	<10	174	<10	<1	71
27	298627	5	0.2	1.86	10	30		2.89	<1	15	71	43	4.46	<10	1.78	635	8	0.06	: 12	500	10	-	<20	57	≪0.01	<10	86	<10	1	54
28	298628	5	0.6	1.78	-5	30		2.94	<1	13	101	24	4.78	<10	1.78	860	9	0.07	15	500	22	4	<20	57	0.01	<10	80	<10	4	86
29	298629	5	0.6	0.88		20	5	2.44	2	7	80	9	3.15	<10	1.14	763	5	0.04	7	350	78	5	<20	41	<0.01	<10	17	<10	<	187
30	298630	5	0.6	1,45	10	35	5	1.51	2	9	78	16	4.41	<10	1.28	1211	8	0.04	7	590	38	-	<20		<0.01	<10	20	<10	4	270
																													-	
31	298631	5	0.6	1.78	5	40	10	2.07	<1	8	49	10	4.50	<10	1.38	2515	- 8	0.03	7	870	24	<5	<20	33	<0.01	<10	29	<10	2	177
32	298632	5	0.4	1.42	<5	35	5	2.36	<1	7	46	21	3.04	<10	1.22	1046	6	0.03	- 4	1090	48	10	<20	- 44	<0.01	<10	12	<10	6	124
33	298633	5	0.4	1.07	<5	35	⊲5	3.15	<1	9	84	23	2.61	<10	1.17	791	6	0.04	9	320	8	10	<20	78	<0.01	<10	30	<10	3	67
34	298634	5	0.6	1.90	10	40	10	4.74	<1	16	99	19	4.28	<10	2.15	1276	5	0.05	47	780	22	10	<20	105	<0.01	<10	70	<10	2	84
35	298635	5	1.2	2.12	<5	35	10	4.58	2	41	168	53	6.56	<10	2.83	1448	7	0.04	75	510	- 14	- 5	<20	116	0.01	<10	87	<10	<	134
36	298636	20	⊲0.2	2.41	-5	40	10	3.96	<1	22	118	32	5,36	<10	2.56	734	7	80.0	42	710	4	6	<20	104	0.02	<10	99	<10	4	74
37	296637	5	⊲0.2	2.51	10	50	- 5	3.08	<1	28	109	37	4.14	<10	2.35	683	2	0.16	- 48	1040	10	5	<20	- 95	0.05	<10	110	<10	<1	54
38	298638	5	<0.2	1.84	10	35	- 5	3.80	1	17	79	38	4.24	<10	1.84	694	6	0.10	17	380	28	10	<20	100	0.02	<10	70	<10	3	52
39	296639	10	<0.2	2.90	10	40	4	3.83	<1	32	131	111	6,16	<10	2.67	751	6	0.13	42	430	10	4	<20	123	0.02	<10	127	<10	<	53
40	298640	5	0.8	3.06	5	55		5.77	<1	32	129	100	6.36	<10	3.33	1589	5	0.13	52	990	26	20	<20	159	0.02	<10	134	<10	1	151
																							•							
41	296641	5	-0.2	2.95	10	55		5.07	<1	33	104	38	6,15	<10	3.37	1478	- 4	0.06	- 61	980	60	5	<20	129	0.01	<10	97	<10	1	247
42	298642	5	0.2	3.38	<5	85	10	6.77	4	29	107	79	6.79	<10	4.20	1818	- 5	0.08	45	850	82	10	<20	187	0.02	<10	135	<10	<1	261
43	298643	5	<0.2	3.50	5	60	5	5.27	<1	39	96	71	6.78	<10	4.21	1066	5	0.05	46	970	22	10	<20	143	0.01	<10	139	<10	<1	122
- 44	298644	5	⊲0.2	3.17		66	10	5.32	<1	32	66	- 58	5.97	<10	3.92	1209	- 5	0.07	42	1010	- 34	10	<20	138	0.01	<10	120	<10	<1	103
45	298645	5	0.2	3.14	5	70	10	5.44	<1	36	84	78	6.34	<10	4.17	1130	5	0.05	- 44	1090	20	15	<20	150	<0.01	<10	112	<10	<1	134
															_															
48	298646	5	0.2	3.26	10	60		4.90	<1	37	76	112	7.03	<10	3.65	1122	6	0.05	- 49	1180	18	5	<20	131	<0.01	<10	105	<10	4	171
47	298647	5	<0.2	3.24	25	75	-	5.39	1	39	88	106	5.99	<10	4.09	1104	- 4	0.06	39	1020	18	15	<20	155	<0.01	<10	114	<10	<1	120
48	298648	5	0.4	3.59	10	65	<5	4.84	1	34	103	70	6.67	<10	4.35	1412	5	0.05	45	1100	42	15	<20	133	<0.01	<10	119	<10	<1	233
49	299549	5	0.6	1.39	<	70	4	8.31	2	27	- 44	42	5.52	<10	3.48	2539	-	0.04	27	930	64	15	-20	166	<0.01	<10	47	<10	3	125
50	298650	5	<0.2	1.33	<5	70		6.93	1	22	47	68	4.95	<10	2.81	1662	- 4	0.06	29	1070	38	10	<20	131	<0.01	<10	54	<10	3	98
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51	298651	5	0.2	2.13	10	60	- 4	6.31	<1	30	70	66	6.42	<10	3.27	1334	5	0.04	42	1150	42	5	<20	140	<0.01	<10	-91	<10	2	149
52	298652	5	0.6	1.24	50	65	- 5	8.50	<1	54	50	100	7.20	<10	3.24	2159	-	0.05	47	1240	20	10	<20		<0.01	<10	08	<10	2	150
53	290653	5.	0.6	0.66	4	55	4	4.22	<1	19	66	30	3.71	<10	1.38	1426	-	0.03	17	830	24	10	<20		<0.01	<10	27	<10	2	143
54	296654	5	0.8	0.29	5	230		2.50	3	10	62	8	2.36	<10	0.34	2174	11		- 14	280	402	4	<20		<0. 01	<10	8	<10	3	291
55	299655	5	0.4	0.23	<5	90	4	0.96	2	2	89	3	0.91	<10	0.04	603	8	0.02	2	160	70	4	<20	15	<0.01	<10	2	<10	2	161

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ICP CERTIFICATE OF ANALYSIS AK 98-517

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Et #	Tag#	Au(ppb)	Ag	AI %	As	Ba	BI	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Min	No	Ne %	M	P	Pb	8b	8n	Sr Ti %	U	v	W	Y	Zn	
58	298856	5	-0.2	0.20	\$	60	ৰ	1.69	1	1	61	<1	0.47	<10	0.03	429	2	0.02	2	150	48	6	<20	48 <0.01	<10	<1	<10	2	74	
57	298657	-5	0.4	0.22	<5	40	4	2.03	<1	<1	83	<1	0.49	<10	0.03	498	6	0.02	5	110	32	-	<20	49 <0.01	<10	<	<10	2	86	
58	296658	5	0.6	0.19	<5	65	<5	1.45	1	1	55	1	0.63	<10	0.06	493	·· 2	0.02	3	180	58	4	<20	27 <0.01	<10	<1	<10	2	89	
59	298659	5	0.6	0.19	<5	50	4	1.44	2	2	72	1	0.69	<10	0.06	407	5	0.02	3	130	68	4	<20	30 <0.01	<10	-	<10	2	- 84	
60	298880	5	0.6	0.21	4	55	<5	2.21	2	3	80	1	0.94	<10	0.07	454	2	0.03	2	180	62	4	-20	53 <0.01	<10	ৰ	<10	2	127	
	298661			0.00	~			A A 4	4	3	63			-10	~ ~ ~						••							_		
61		5	0.6 0.2	0.20 0.23	ଏ ସ	60 75	୍ଦ୍ର ଜ	3.04 1.72	3	2		1	0.90		0.10	775		0.02	2	220	54	<	<20	84 ⊲0.01	<10	<1	<10	3	211	
62	296662	2			-		ৰ				62	1	0.87	-	0.04	485		0.02	~ 2	210	46		<20	49 <0.01	<10	শ	<10	2	193	
63	298663		0.2		<.	135	4	0.10	<1	2	71	1	0.69	. –	<0.01	309	-	0.02	3	160	118	4	<20	8 ≪0.01	<10	-1	<10	2	177	
64	298864	5	<0.2		4	105		0.13	1 2	ব 1	65	<1	0.38		<0.01	254	3		4	190	42	-	<20	7 <0.01	<10	ৰ	<10	2	122	
65	298665	5	0.4	0.24	<5	85	<5	0.91	4	1	65	2	0.61	<10	0.02	372	9	0.02	2	150	62	4	<20	8 <0.01	<10	<1	<10	2	114	
66	298656	5	0.2	0.25	⊲5	140	-	2.60	1	3	39	11	1.06	<10	0.07	1015	5	0.02	1	330	18	4	<20	20 <0.01	<10	3	<10	4	111	
67	296667	15	3.2	0.30	<5	40	<5	3.90	- 14	9	30	295	3.00	<10	0.96	5365	- 4	0.02	- 4	430	140	15	<20	67 <0.01	<10	- 14	<10	. 7	1336	
68	298858	20	3.8	0.31	<5	45	<5	2.71	13	8	19	254	3.29	<10	0.69	3166	3	0.02	- 4	290	224	10	<20	64 <0.01	<10	10	<10	2	1484	-
69	298669	5	2.2		15	55	4	3.91	2	10	30	86	3.36	<10	1.00	3670	- 5	0.02	7	950	144	25	<20	67 <0.01	<10	16	<10	6	215	
70	298670	10	1.8	0.21	25	45	4	4.30	11_	12	25	40	2.90	<10	1.20	3672	10	0.02	6	760	340	20	2 0	69 < 0.01	<10	8	<10	6	866	•
71	298671	5	0.6	0.57	⊲5	40	5	2.48	2	10	80	22	2.64	<10	0.89	839	7	0.05	7	530	124	5	<20	43 <0.01	<10	20	<10	1	164	
72	298672	5	<0.2		10	50	15	4.50	4	31	149	29	5.48	<10	3.25	1080			62	610	10	5	<20	89 0.06	<10	141	<10	4	77	
73	296673	. 5	0.4	0.88	<5	40	4	1.77	2	6	57	20	2.57	<10	0.88	857	5		3	440	80	10	<20	30 <0.01	<10	10	<10	1	159	
74	298674	15	1.0	0.71	ৰ	40	10	3.13	ৰ	10	68	25	3.74	<10	1.06	1094			7	450	66	-	<20	49 <0.01	<10	15	<10	2	79	
75	296675	5	0.6	1.95	5	50	10	4.32	<1	18	55	58	5.25		1.72	2208	16		8	600	18	-	<20	77 ≪0.01	<10	57	<10	1	- 119	
		_			-														-			•	÷-			•••		•		
76	298678	5	0.4	1.04	5	50	- 4	2.82	<1	19	63	34	3.55	<10	1.15	1037	- 29	0.03	17	720	10	4	<20	51 <0.01	<10	46	<10	2	78	
77	298877	5	0.8	1.03	- 5	45	10	3.18	<1	- 14	75	- 14	3.87	<10	1.22	2153	- 29	0.03	18	780	20	4	<20	52 <0.01	<10	51	<10	3	91	
78	296678	10	1.4	0.23	<5	50	10	3.84	2	12	59	11	3.08	<10	1.12	3799	- 17	0.02	5	400	78	5	<20	48 <0.01	<10	6	<t0< th=""><th>4</th><th>123</th><th></th></t0<>	4	123	
79	298679	5	0.4	0.19	<	45	5	2.82	- 4	3	97			<18	0.70	1961	12	0.02	2	130	176	10	<20	39 < 0.01	<10	2	<10	2	355	•
80	298580	5	0.6	0.20	4	275	4	3.45	<1	<1	57	9	1.20	<10	0.82	3034	15	0.02	2	240	-44	15	<20	46 <0.01	<10	2	<10	5	71	
81	298681	5	0.6	0.23	⊲5	180	4	2.74	<1	2	56	9	1.04	<10	0.41	1689	3	0.02	4	180	24	5	<20	66 <0 .01	<10	<1	<10	2	41	
82	298682	. 5	1.0	0.18	<5	85	<5	1.34	2	2	59	10	0.84	<10	0.14	795	9	0.01	1	120	184	10	<20	22 <0.01	<10	<1	<10	2	188	
83	298683	5	0.4	0.18	<5	30	4	0.85	2	<1	65	2	0.55	<10	0.22	545	6	0.01	<1	130	130	4	<20	13 <0.01	<10	</th <th><10</th> <th>2</th> <th>232</th> <th></th>	<10	2	232	
84	296684	5	<0.2		<5	115	4	2.14	2	2	55	7	0.91	<10	0.14	522	- 4	0.02	<1	320	42	4	<20	53 <0.01	<10	<1	<10	3	151	
85	296685	5	0.4	0.40	<5	220	<5	2.53	1	<1	46	2	0.65	20	0.05	1087	4	0.02	<1	190	68	<5	<20	15 <0.01	<10	<1	<10	3	109	
-	298686	-	0.2	0.21	<5	195	⊲5	1.81	<1	<1	61	2	0.44	<10	0.09	437	•	0.03	1	180	18	4		10 -0 M	-10		-10	•		
87	296667	5	2.2	+ · · · ·	-9	45	3	2.71	1	7	56	364	2.60	<10	0.40	1453	3 5		<1	150		-	<20	49 <0.01	<10	્ય	<10	2	33	
68 188		5			- -<5		2 2 2	3.69	1	13	50 50	476	3.26	<10			5		-		164	4	<20	38 <0.01	<10	2	<10	1	117	
	298688	10	1.6	• • • •	-	50	-								0.80	1673	-		2	160	36	0	20	69 <0.01	<10	3	<10	4	109	
89	298689	5	<0.2		4	45	5	1.42	<1	12	25 60	3	3.81	<10	0.66	897	2		8	540	26	4	<20	47 0.04	<10	27	<10	শ	89	
90	296990	5	0.4	0.36	4	40	10	4.61	1	16	60	44	4.70	<10	0.90	944	9	0.03	15	770	22	5	<20	71 <0.01	<10	16	<10	1	124	

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ICP CERTIFICATE OF ANALYSIS AK 98-517

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ECO-TECH LABORATORIES LTD.

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_ Et #.	Tag #	Au(ppb)	Ag	AI %	As	Ba	Di	Ca %	Cd	Co	Cr	Cu	Fe %	La	Ng %	Mn	No	Na %	N	P	Pb	8b	_Sn	Sr Ti%	U	V	W	Y	Zn
91	299691	- 5	4)2	0.32	ৰ	20	5	1.85	<1	12	43	32	3.04	<10	0.42	384		0.04	15	090	8	10	<20	20 <0.01	<10	9	<10	ৰ	53
92	296692	5	0.2	0.23	-5	80	5	7.28	2	5	39	6	3.53	<10	2.42	2228	7	0.03	- 4	290	16	15	<20	84 <0.01	<10	5	<10	6	115
93	296693	5	0.4	0.33	-	25	10.	2.85	2	- 14	45	29	4,19	<10	0.79	531	1. 8	0.05	11	710	56	10	<20	42 <0.01	<10	13	<10	<1	127
94	298694	15	0.2	1.14	5	40	10	6.85	1	31	66	90	7.02	<10	1.87	1387	7	0.05	35	1080	16	4	<20	112 <0.01	<10	71	<10	<1	80
95	298695	5	0.2	0.77	15	40	- 5	8.92	<1	26	42	91	6.37	<10	1.91	1500	6	0.05	31	1140	12	10	<20	159 <0.01	<10	51	<10	1	.90
																													•
96	298696	20	1.0	0.67	15	40	-	6.95	2	34	39	108	8.57	<10	1.91	1437	11	0.05	- 25	870	18	15	< 20	113 <0.01	<10	46	<10	<1	126
97	296697	5	0.4	0.39	10	40	4	6.47	<1	22	40	72	5.82	<10	1.78	1161	7	0.05	12	750	12	4	<20	94 <0.01	<10	25	<10	2	83
98	296696	5	0.4	0.31	<5	30	5	3.76	<1	- 14	48	32	4.14	<10	1.07	648	8	0.05	13	520	10	10	<20	47 <0.01	<10	. 17	<10	1	57
99	298699	30	0.2	0.30	<5	20	15	3.55	1	14	57	20	4.03	<10	1.20	879	8	0.05	11	540	8	10	<20	36 <0.01	<10	16	<10	<1	78
100	296700	5	0.8	0.30	4	35	10	6.74	1	15	43	40	4.58	<10	2.28	2132	6	0.04	13	550	22	25	<20	68 <0.01	<10	16	<10	3	120
101	296701	5	1.2	1.05	5	40	25	6.48	1	45	82		8.42	<10	2.46	2086		0.04	66	700	16	5	<20	65 <0 .01	<10	77	<10	<1	153
102	298702	5	0.6	0.41	35	35	<5	4.74	<1	36	37	131	5.28	<10	1.52	1507	6	0.05	- 44	1020	- 14	15	<20	52 ⊲0.01	<10	36	<10	<u><1</u>	97
103	298703	5	0.8	0.24		45	6	6.07	2	11	38	28	3.39	<10	2.04	3301	6	0.03	13	510	22	20	<20	51 <0.01	<10	10	<10	5	130
104	298704	5	1.2	0.23	<5	40	10	6.41	<1	12	64	- 30	4.31	<10	2.15	3631	10	0.03	- 19	690	16	20	<20	56 <0.01	<10	15	<10	3	72
105	296705	5	1.2	0.27	5	35	15	6.10	1	16	48	11	4.57	<10	2.05	5022	7	0.03	18	760	76	15	<20	53 <0.01	<10	18	<10	2	115 -
106	298708	5	- 1.4	0.19	-5	30	5	7.16	2	17	54		4.57	<10			9		22	580	110	20	<20	66 0.01	<10	27	<10	- 4	182
107	296707	5	1.2		-5	35	15	8.17	2	15	36	-14	4.12	<10			8	0.03	18	570	28	15	2 0	99 < 0.01	<10	18	<10	3	110
108	298708	5	0.4	0.33	4	35	10	9.07	10	18	33	29	4.38	<10	3.01	2600	3	0.04	22	540	30	20	<20	119 <0.01	<10	. 33	<10	2	907
109	296709	5	0.6	0.25	4	30	5	4.93	<1	16	55	19	4.00	<10	1.74		8	0.03	- 14	450	32	5	<20	66 <0.01	<10	11	<10	1	82
110	296710	5	0.4	0.27	-	30	15	5.03	1	11	39	13	3.76	<10	1.74	1692	- 7	0.03	7	430	12	15	-ŚŊ	63 <0.01	<10	- 7	<10	3	- 86
		_	• •							-									_		-	_		i		-			
	298711	5	0.4	0.35		30	15	2.54	<1	8	56	17	3.28	<10				0.04	7	490	6	4	20	34 <0.01	<10	7	<10	<	49
112		5	<0.2	0.29	ৰ	50	5	4.37	<1	6	39	6	2.70		1.40		4		3	620	8	10	<20	59 <0.01	<10	5	<10	3	60
113		5	0.6	0.37	-	30	10	8.50	<1	19	40	35	4.61		2.13		5	0.04	42	560	10	10	<20	87 <0.01	<10	16	<10	2	55
	298714	5	0.8	1.45	5	45	10	8.04	<1	35	96	97	6.54	<10	2.71		5		63	510	18	4	<20	123 <0.01	<10	84	<10	<1	138
115	298715	5	1.6	0.61	<5	35	10	6.23	1	30	49	25	5.79	<10	2.94	4481	5	0.02	36	620	22	15	<20	184 <0.01	<10	41	<10	1	160
118	296716		1.8	0.28	-5	45	10	7.03	2	22	44	36	4.94	~10	2.79	6306	5	0.02	22	510	24	25	<20	164 0.01	<10	28	<10	3	135
	298717	5	0.2		ৰ	25	10	1.83	1	5	59	11	2.04	<10		779	16		2	150	30	10	~20	28 < 0.01	<10	20		2	139 90
118	298718	10	1.2	0.26	~	50	<5	1.09	2	2	82		1.52	<10	0.31	471	4	0.02	4	160	112	<5	<20	23 <0.01			<10	-	
	296719	20	0.6	0.20	2 2 3	105	~	1.70	5	2	75	8	0.77	<10	0.13	-494	5	0.02	2	190	350	5	~20	35 <0.01	<10	1	<10	1	116
120	296720	10	<0.2		2	125	10	0.72	1	2	57	3		<10	0.20	439	ő	0.02	1	170	182	4	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	30 < 0.01 13 < 0.01	<10	< <u>1</u>	<10	2	402 90
120	200120	10	W.Z	0.20	4	120	10	V.12	•	4	ar	3	V./7	~10	V.2V	499	Q	U.UZ	•	170	102	N	~20	13 -0.01	<10	<1	<10	2	90
121	296721	5	<0.2	0.22	4	95	4	1.60	2	1	64	2	0.60	<10	0.11	477	4	0.02	ব	190	170	-	<0	41 <0.01	<10	<1	<10	2	111
	296722	25	40.2		ৰ	250	-	3.07	ন		57			<10	0.57	751	5		1	760		10	<20	87 <0.01	<10	10		6	28
123	296723	20 5	<0.2		2	80	~5	1.77	1	- 7	70	4	0.48	<10	0.15	518	4	0.03	<1	180	22	45	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	29 < 0.01	<10	<1	<10 <10	3	29 69
123	298724	5 E	-0.2	3.33	ہ م	105	10	5.38	ব	20	45	63	5.60	<10	1.95	2170	- 4	0.28	7		50	5	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	255 0.02	<10	114		3 5	120
	298725		<0.4		8	100	<5	2.58	<	20	77	5	0.85	<10	0.26	728	•	0.02	्त	180	22	4	<20	285 0.02 74 ≪0.01	<10	2	<10 210	2	24
120	290123	5	-4.2	U. 27	~0		-0	2.00	~1	2		3	0.00	-iù	V.£0	120	a	0.02	-1	100	~~	-	~20	/4 50.01	~10	2	<10	Z	24

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ICP CERTIFICATE OF ANALYSIS AK 98-517

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ECO-TECH LABORATORIES LTD.

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Et #.	Tag#	Au(ppb)	Ag	<u>AI %</u>	_ As	Ba	81	Ce %	Cd	Co	Cr	Cu	Fe %	La	Mg %	tin	No	Na %	N	_ P	Pb	8 6	5n	Sr Ti%	U	v	w	Y	Zn
128	298726	5	⊲0.2	0.34	4	105	5	Ö.98	<1	- 6	Π	- 14	1.18	<10	0.23	761	-4	0.02		240	14	4	₹0	15 <0.01	<10	2	<10	2	46
127	298727	5	0.4	0.50		- 45	4	2.26	<1	12	53	21	3.67	<10	0.42	604		0.03	10	740	16	4	<20	39 <0.01	<10	13	<10	<1	96
128	296728	10	⊲0.2	0.59	4	45	10	3.46	1	- 14 -	46	28	4.11	<10	0.77	848	S 🚯	0.05	- 14	910	12	10	<20	84 <0.01	<10	13	<10	2	56
129	298729	30	8.0	1.43		45	15	5.64	1	28	73	73	7.34	<10	1.62	1525	8	0.05	29	1030	14	4	<20	118 <0.01	<10	66	<10	<1	115
130	298730	15	0.4	1.44	10	55	<	5.69	<1	19	65	57	5.10	<10	1.08	1529	7	0.05	10	1180	22	≪5	<20	148 <0.01	<10	35	<10	3	108
																			:									-	
131	298731	5	0.2	0.86	<	35	5	4,16	<1	19	79	- 44	4.43	<10	1.47	893	7	0.07	18	650	10	5	<20	103 <0.01	<10	44	<10	<1	60
132	298732	5	0.4	3.07	<5	45	5	5.62	<1	33	145	108	7.14	<10	4.33	2001	5	0.04	: 47	870	16	<	<20	156 0.01	<10	147	<10	<1	193
133	298733	10	<0.2	2.39	5	50	10	5.53	<1	32	75	54	6.49	<10	3.06	1945	6	0.05	30	950	18		<20	141 <0.01	<10	97	<10	<	168
134	298734	5	<0.2	1.47	<5	55	5	6.14	<1	27	66	- 44	5.78	<10	2.33	1718	8	0.05	41	1780	12	15	<20	124 <0.01	<10	45	<10	3	108
135	298735	5	0.4	2.02	<5	55	10	5.19	1	33	84	47	6.18	<10	2.15	1895	5	0.05	49	1160	24		<20	95 <0.01	<10	73	<10	1	175
																									-	_			
136	298736	5	8.0	0.55	10	50	10	7.38	2	34	64	79	6.34	<10	2.42	2914	7	0.05	31	910	14	30	<20	88 <0.01	<10	51	<10	2	182
137	296737	5	<0.2	0.38	⊲5	460	4	2.73	<1	3	105	45	1.94	<10	0.70	869	8	0.04	4	830	6	10	<20	47 <0.01	<10	9	<10	6	50
138	298738	5	0.6	0.43	15	70		3.87	2	8	63	14	3.11	<10	1.29	1388	8	0.03	6	580	18	10	<20	47 <0.01	<10	10	<10	3	167
139	298739	5	1.2	0.41	<	65	10	7.80	2	23	48	46	5.06	<10	2.57	3356	10	0.04	34	500	102	15	<20	91 <0.01	<10	27	<10	2	202
140	296740	5	1.4	0.80	<5	60	5	6.87	2	27	50	57	5.12	<10	2.13	2177	6	0.08	- 44	810	38	15	<20	96 < 0.01	<10	45	<10	3	187
141	298741	5	0.6	0.32	10	55	5	7.69	2	18	61	25	4.17	<10	2.60	2435	7	0.04	19	750	12	25	<20	95 <0.01	<10	15	<10	1	134
142	298742	5	0.2	1.52	⊲5	35	- 4	4.10	<1	28	105	56	5.42	<10	2.55	893	7	0.05	31	910	- 14	15	<20	74 <0.01	<10	67	<10	2	74
143	296743	5	0.2	3.20	10	50	5	5.13	1	45	124	106	7.82	<10	4.51	1205	6	0.05	56	1070	26	5	<20	117 <0.01	<10	120	<10	<1	138
144	298744	5	<0.2	4.41	5	115	10	3.83	<1	30	137	- 34	6.07	<10	4.49	1246	2	0.21	40	1180	30	10	<20	168 0.03	<10	189	<10	2	89
145	298745	5	1.2	0.93		40	5	4.86	<1	17	- 44	20	5.13	<10	1.05	2180	- 6	0.07	- 4	1520	86	4	<20	107 <0.01	<10	24	<10	2	145
146	296746	10	1.2	0.52	10	40	10	4.48	7	10	64	31	4.07	<10	1.27	3070	- 16	0.04	13	580	150	10	<20	66 <0.01	<10	16	<10	6	591
147	298747	5	2.0	0.32	15	40		5.68	- 11	- 11	64	- 44	3.62	<10	1.53	2745	- 24	0.04	12	540	322	15	<20	107 <0.01	<10	19	<10	6	862
148	296748	5	0.4	0.85	20	30	- 4	4.00	2	- 14	46	47		<10	0.99	1277	9	0.04	15	790	32	4	<20	85 <0.01	<10	29	<10	1	145
149	296749	20	0.2	1.43	10	40	- <5	3.70	<1	21	72	- 54	6.73	<10	1.96	1105	18	0.09	32	770	50	4	<20	145 <0.01	<10	105	<10	<1	115
150	298750	5	- 1.4	0.51	10	45	10	3.67	4	16	58	57	4.55	<10	1.10	1490	9	0.04	- 11	660	88	-6	<20	101 <0.01	<10	20	<10	4	287
	298751	15	1.8	1.01	20	35	5	4.31	9	19	58	45	5.72		1.47	2001	8	0.05	12	700	544	10	<20	119 <0.01	<10	38	<10	3	814
152	298752	5	0.8	1.01	10	50	5	3.75	<1	19	56	52	5.96	<10	1.25	1448	8	0.06	12	730	26	-45	<20	106 <0.01	<10	39	<10	<1	117
153	298753	5	0.8	0.71	10	40	10	2.63	1	- 14	65	46	4.67	<10	0.72	1039	10	0.05	- 16	740	28	5	<20	85 < 0.01	<10	19	<10	3	120
154	296754	5	<0.2	0.94	10	40	10	3.06	<1	10	- 44	33	4.46		1.41	824	7		9	880	12	10	<20	106 <0.01	<10	21	10	4	53
155	296755	5	<0.2	1.80	10	85	5	2.09	<1	4	92	3	1.99	<10	1.06	493	- 4	0.14	<1	790	24	10	<20	159 <0.0 1	<10	10	10	6	36
158	296756	5	≪0.2		35	120	10	5.58	<1	42	153	128	7.78		3.94	1428	6	0.17	43	940	52	20	<20	134 0.08	<10	211	<10	<1	121
157	298757	10	0.6		2495	40	5	5.20	<1	16	48	43	3.42		1.27	782	8	0.02	31	510	16	125	<20	99 < 0.01	<10	22	10	5	Π
158	296756	5	0.8	0.39	165	35	10	6.25	<1	25	73	58	4.50	<10	1.87	1174	6	0.02	40	720	32	30	<20	112 <0.01	<10	42	<10	8	184
159	296759	5	1.2	1.74	185	40	5	4.23	<1	13	- 44	88	4.52	<10	1.44	1101	7	0.03	8	850	62	5	<20	88 < 0.01	<10	72	<10	3	102
160	298760	5	<0.2	1.36	45	35	<5	3.84	<1	15	69	92	4.19	<10	1.24	1023	11	0.04	- 14	610	24	4	<20	90 <0.01	<10	75	<10	2	65

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ICP CERTIFICATE OF ANALYSIS AK 98-517

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Et #.	Tag #	Au(ppb)	Ag	AI %_	. As_	Ba	Bi	Ca %	Cđ	Co	Cr	Cu	Fe %_	La	Ng %	_ Mn	No	Na %	N	P	РЪ	Sb	8n	Sr	Ti %	Ų	v	w	Y	Źn
161	296761	5	0.4	2.04	30	55	\$	4.11	1	27	68	174	4.94	<10	1.56	1332	11	0.11	38	770	46	10	<20	124	0.03	<10	94	<10	ंत	187
162	298762	5	⊲0.2	2.21	25	45	⊲5	2.63	<1	20	57	80	5.18	<10	1.67	952	5	0.13	16	680	18	4	<20	93	0.08	<10	164	<10	2	50
163	296763	5	<0.2	1.95	10	45	ব	2.37	<1	17	80	87	4.67	<10	1.27	847	5.7	0.15	14	590	18	4	<20	80	0.07	<10	122	10	4	54
164	298764	5	4).2	2.13	25	35	10	3.06	<1	19	76	90	5.46	<10	1.86	944	5	0.09	10	760	22	4	<20	79	0.05	<10	131	<10	4	70
165	298765	5	<0.2	1. 93	45	35	10	3.15	-1	34	59	82	5.97	<10	1.76	830	5	0.09	12	780	22	4	<20	89	0.05	<10	130	<10	4	63
166	298768	5	0.6	1.58	30	45	4	2.42	2	8	91	28	2.95	<10	1.23	701	8	0.05	11	660	136	10	<20	79	⊲0.01	<10	58	<10	5	178
167	296767	5	1.0	2.93	90	65	10	9.13	<1	24	101	32	6.45	<10	1.96	1215	- 4	0.02	× 46	1130	16	4	<20	197	<0.01	<10	88	<10	4	73
168	296768	5	2.0	1.97	40	35	10	>10	<1	12	63	17	3.74	<10	1.38	1510	6	0.02	14	610	48	10	<20	193	-0.01	<10	49	<10	ė	110
189	296769	10	3.4	2.13	90	70	15	4.79	<1	12	40	29	3.96	<10	1.10	529	6	0.04	6	600	74	4	<20	82	0.02	<10	42	<10	Ă	114
170	298770	5	<0.2	1.86	25	50	15	5.10	<1	10	37	36	3.81	<10	1.10	599	6	0.04	7	790	34	4	<20	73	0.04	<10	24	10	7	64
171	298771	5	<0.2	2.33	5	60	10	4.23	<1	22	61	55	4.84	<10	1.89	779	5	0.05	24	2210	22	5	<20	96	0.01	<10	64	<10	2	107
172	298772	5	0.4	1.85	15	80	5	3.53	<1	10	65	- 44	3.00	<10	1.04	467	6	0.04	10	970	138	10	<20	55	0.05	<10	33	<10	5	59
173	298773	5	<0.2	1.71	30	30	10	3.27	<1	- 14	64	45	4.84	<10	1.07	925	13	0.08	21	650	30	4	<20	74	0.03	<10	112	<10	4	78
174	298774	10	<0.2	1.68	45	25	5	2.32	<1	15	60	48	4.86	<10	1.06	755	12	0.07	20	680	22	-	<20	55	0.04	<10	117	<10	4	80
175	296775	5	0.4	1.87	55	35	10	2.72	3	14	63	37	4.85	<10	1.31	757	7	0.06	13	810	94	10	<20	109	0.02	<10	09	<10	6	193
178	298776	5	<0.2	2.03	30	30	5	1.81	<1	18	60	55	5.36	<10	1.37	669	12	0.11	21	650	18	4	<20	69	0.05	<10	123	<10	3	63
177	296777	5	0.2	1.90	45	55	4	2.22	<1	14	55	53	4.57	<10	1.42	699	9	0.05	14	740	34	5	<20		≪0.01	<10	80	<10	4	83
<u>OC D</u> Respi	-																										•.			
- Keeju	298601	5	-0.2	3.18	<5	30	10	2.77	<1	24	145	29	4.27	<10	2.80	570							-00	400		-48		-40		
36	298636	20	<0.2	2.21	_ ⊲	40	<5	3.74	<1	22	107	31	5.15	<10	2.00	701	2		41 36	910 710	2	10	<20	100	0.08	<10	109	<10	<1	61
71	298671	5	0.4	0.50	5	30	10	2.53	2	10	82	18	2.63	<10	2.37 0.87	857	6 8	0.07	- 30	580	10	4	20	98	0.02	<10	91	<10	শ	75
106	298706	5	1.4	0.23	- ⊲5	30	15	7.13	2	18	59	16	4.57	<10	2.37	9042	7	0.04	20		134	10	<20		<0.01	<10	18	<10	2	172
141	298741	5	0.6	0.36	10	30 55	10	8.21	2	20	54	27	4.53	<10	2.37	2598		0.02	21	580 810	122 14	15 20	<20 <20	66	0.01	<10	27	<10	4	198
176	296776	5	<0.2		30	30	15	1.78	<1	18	58	54	5.39	<10	1.37	683	11	0.10	19	840	18	4	20	95 66	<0.01 0.05	<10 <10	17 121	<10 <10	2 3	142 58
Repe	ıt:																													
1	298601	5	<0.2		4	35	5	2.74	<1	24	158		4.34	<10	2.65	572	2		- 41	920	2	15	<20	98	80.0	<10	112	<10	<1	54
10	298610	5	-0.2	1.78	<5	40	-45	4.67	<1	13	56	15	4.58	<10	1.96	1554	5	0.04	9	370	12	10	<20	94	<0.01	<10	70	<10	3	96
19	298619	5	0.8	0.22	4	50	<	2.85	3	4	92	- 4	1.58	<10	0.67	2996	- 4	0.02	3	190	134	10	<20	42	<0.01	<10	1	<10	2	207
36	296636	20	<0.2	2.43	<	40	10	4.05	<1	24	117	33	5.43	<10	2.58	737	8	0.08	- 39	750	8	5	<20	102	0.02	<10.	99	<10	<1	76
45	299645	5	0.2	3.13	4	70	5	5.42	1	36	84	74	6.33	<10	4.16	1137	4	0.05	43	1090	20	10	<20	149	<0.01	<10	111	<10	4	137

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EQUIT	r Enginee	RING LTD.								ŀ	CP CEI	rtifk	ATE O	FANA	Lysis	AK • 98-	517								ECO-T	ECH L/	BORA	TORIE	3 LTD.	,
Et #.	Tag #	Au(ppb)	Ag	AI %	As	Ba	81	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Min	No	Na %		P	РЬ	8b	Şn	\$r	<u>11 %</u>	U	۷		<u> </u>	2
DC DA	TA:																									_				
Repeti																														
	298654	5	0.4	0.27	<5	225	5	2.52	3	10	72		2.41	<10	0.34	2205	13	0.02	16	290	410	4	<20	23	≪0.01	<10				-
	298671	5	0.4	0.56		40	5	2.50	2	10	80	21	2.66	<10	0.88	851		0.05	5	540	130	10	<20		<0.01	<10	- 5 19	<10	3	291
	298680	5	0.6		ँ	275	ৰ	3.50	्न	1	55		1.22	<10	0.83	3074	15	0.02		250	48	15	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		<0.01			<10	2	17.
	298689	5	<0.2	0.97		45	15	1.46	<1	12	25	3	3.95	<10	0.67	916		0.02		570	28		20	45		<10	2	<10		- 74
	298706	5	1.8	0.20	<5	25	15	6.85	2	17	49	11	4.37	<10	2.27	8640		0.02	. 20	550	108		<20	45	0.04	<10	28	<10	্ৰ	93
		•		0.20	-			0.00	-			••		-14	E . .	0040	•	V.UE	. 20	000	100	15	-20	62	0.01	<10	26	<10	4	171
115	296715	5	1.4	0.67	4	35	10	6.55	2	32	52	25	6.03	<10	3.05	4657	8	0.02	37	650	22	15	<20	178	<0.01	<10	44			167
	298724		0.4	3.34	-	105	15	5.32	4	20	42	63	5.58	<10	1.94	2154	Ă	0.29	7	1110	46		<20	257	0.03	<10	114	<10 <10	<u>ব</u>	
	296741	5	0.6		- 45	55	45	8.06	2	19	63	26	4.39	<10	2.71	2557	6	0.04	21	780	10	15	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	207	<0.03	<10	16	<10	5	110
	298750	5	1.0		10	45	<5	3.76	- Ā	17	58	57	4.66	<10	1.12	1526	10	0.04	13	670	90	5	<20							14
	298759	5	1.4	1.82	200	50	- 45	4.34	<1	13	48	91	4.63	<10	1.49	1132	8	0.04	7	890	64		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		<0.01 ≪0.01	<10 <10	20 74	<10		28
		•			200							•••		-10	1.44	1136	Ŷ	0.04		000		~	~20	dA.	40.01	~10	- 19	<10	.3	100
Standa	rd:												-									;								
GEO'9		130	1.2	1.80	65	160	4	1.82	<1	20	62	79	3.82	<10	0.96	650	<1	0.02	22	630	20	4	⊲0	54	0.07	<10	76	<10		71
GEO'9		125	1.4		65	165	୍ଦ୍	1.86	<1	19	66	80	3.82	<10	0.94	689		0.02	24	650	22		<20	56	0.08	<10	70	<10	5	7
GEO'9		135	1.0		88	180	6	1.78	<1	20	59	80	4.04	<10	0.94	703	्तं	0.03	22	710	22	-	<20	57	0.10	<10	74	<10		7
GEO'9		130	0.6		65	150	5	1.86	<1	18	68	79	3.85	<10	0.96	661	<1	0.03	25	650	22		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	55	0.10	<10	72	<10		
GEO'9		130	0.8		65	165	5	1.78	<1	19	64	79	3.99	<10	0.96	695	<	0.02	25	700	22	-	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	57	0.10	<10	72	<10		- 81 - 81
GEO'9			1.2		70	155	15	1.73	4	19	66	80	4.01	<10	0.98	687	<	0.02	24	710	22	ঁৰ	<	52	0.10	<10	73	10	0	77

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APPENDIX E

GEOLOGIST'S CERTIFICATE

