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GEOLOGICAL AND DIAMOND DRILLING REPORT

ON THE

PINE PROSPECT

Finlay River, Toodoggone,
British Columbia
NTS: 94E.017, 94E.027
Latitude: 57°131'N Longitude: 126° 42'W
Omineca Mining Division

for
Stealth Mining Corporation
Suite 580, Metropolitan Place
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January, 1999

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,908

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1. SUMMARY

The Pine property is located in the Toodoggone Gold camp, approximately 22 kilometres north of the Kemess South mine, and by road, 420 kilometres north of Mackenzie, British Columbia. The property covers an area of 186 square kilometres and contains several large, high-level, high sulphidation epithermal gold and transitional porphyry gold-copper systems within Toodoggone Formation volcanic and intrusive rocks of the Hazelton Group island arc sequence of Mesozoic age.

Northwest and northeast trending regional structures occur in proximity to a north-northwest trending granodiorite that occurs east of or underlies the Kemess South, Kemess North, Mex, Pine-Tree, NWB and Nub gold-copper zones. Crosscutting regional structures likely controlled emplacement of evolved, marginal intrusive phases of the granodiorite, and may be important controls to volcanic centres and related epithermal and porphyry gold-copper mineralization within Hazelton Group rocks.

The Pine and Tree deposits are hosted by Toodoggone Formation dacite-latite-andesite of the Hazelton Group where cut by coeval quartz monzonite porphyry (quartz-eye porphyry) and monzodiorite. Adjacent the Tree zone to the northeast, the Fin copper-molybdenum prospect is hosted by granodiorite of the Omineca- Black Lake intrusions. Porphyry dikes of quartz-latite to trachyandesite composition crosscut the intrusive and volcanic rocks. A southwest trend of dominant-metal evolution from copper-molybdenum, copper-gold, gold-copper and zinc-silver-gold occurs between granodiorite- monzodiorite, quartz monzonite-quartz latite porphyry and subvolcanic rocks, respectively; this mineralization may be broadly related to depth of monzonite-monzodiorite intrusions along the northeast-trending Cascadero fault.

The quartz eye porphyry contains fracture-controlled to pervasive quartz-sericite-magnetite-k-feldspar alteration with pyrite, chalcopyrite, sphalerite, galena, and molybdenite mineralization. Elevated values of silver and zinc occur immediately above and beside porphyry gold-copper mineralization, and suggest localized metal zoning, or telescoping occurred. Quartz-sericite-pyrite, intense sulphate and clay overprint potassic and propylitic alteration; the overall hydrothermal alteration with associated sulphide mineralization affects an area 2 kilometres in width and 10 kilometres in length. Diamond drilling, mapping and rock sampling in the Pine-Tree zones indicate an area of quartz eye porphyry to be between 200- 600 metres in width and 2.5 kilometres in length. This area is estimated to hold potential for 200 million tonnes

grading between 0.12-0.30% copper and 0.25-0.70 g/t gold, and remains open beneath intense clay alteration and glaciofluvial cover a further 6 kilometres to the southwest.

Epithermal style high-grade gold zones occur within the porphyry system. Drillhole P97-4 (-70^{0}W) intersected an apparent width of 1.3 metres containing 215.9g/t gold, 43.4 g/t silver, 0.3% copper, and 0.19% zinc. At a vertical depth of 140 metres, a silicified breccia and multi-stage quartz vein zone 18.4 metres in core length contains 6.93g/t gold, including 3 metres containing 36.17 g/t gold, 16.1 g/t silver, 0.27% copper and 0.11% zinc. This zone may be related to one of several near-surface drillhole intersections of approximately 10-30 metres grading over 1.0g/t gold to the west.

Most of the drilling to date has focussed on approximately 35% of the Pine zone, or 2% of the overall alteration system. Drilling indicates an oxidized, leached and highly friable zone up to 125 metres or more in thickness occurs with associated poor core recovery, copper depletion, and apparent gold-enrichment in sludge samples. To a depth of 150 metres, a 500X500 metre area contains a geological resource of 100 million tonnes grading 0.10% copper and 0.32 g/t gold. This does not include up to 10-20% dike dilution, or positive effect of higher gold grades in sludge samples (0.57 g/t gold) from the oxidized zone, or two high-grade gold intervals. Limited drilling of the quartz eye porphyry below the gypsum line (un-oxidized) in 15 holes averages approximately 0.16% copper and 0.41 g/t gold, or 0.78 g/t gold with the high-grade intervals.

A magnetic anomaly 150-350 metres in width and 800-1000 metres in length occurs south-southeast of the drilled area. Drillhole 98-4 returned 118.0 metres of 0.18 g/t gold (130 meters 0.45 g/t gold in sludge) through intense clay and uncemented quartz eye porphyry over the northern tip of the anomaly, then 166.3 metres containing 0.13% copper and 0.29 g/t gold to the northwest of the anomaly. The last 9.8 metres contained 0.27% copper and 0.56 g/t gold before the hole was lost in an orange feldspar porphyry dike. Drillhole 97-8 returned 149 meters containing 0.17% copper, 0.49 g/t gold west of the magnetic anomaly. The magnetic anomaly may be the result of stronger magnetite and associated gold-copper mineralization within a northeast trending fault, 10 kilometres in length and sub-parallel the regional Cacadero fault.

In the Pine zone, there is good potential to improve bulk porphyry gold-copper grade or define bonanza-grade epithermal gold deposits, and together with at least three other similar zones on the property, they have potential to develop world-class gold resources.

2. INTRODUCTION

The author would like to thank those that enabled my participation in the work, and those at the B.C. Geological Survey whom provided helpful comments and focus, such as D. Lefebure, Larry Diakow, and Bob Lane.

This report describes the 1998 diamond-drilling program on the Pine zone and preliminary evaluation of the Mex and Northwest Breccia (NWB) zones of the property. Between June 20 and October, 1998, Stealth Mining Corporation performed a total of 1,290 metres (4,231 feet) of NQ diameter diamond drilling in 7 holes, including the extension of P97-12. Inability to drill holes at –45 prevented adequate testing of sub-vertical structures in portions of the Pine zone and the program was halted. A portion of a previous geophysical grid was located, re-flagged, re-chained, geologically mapped and rock sampled. One man-day was spent on the Mex and Northwest Breccia (NWB) zones, respectively.

1998 drillhole locations were hip-chain and compass surveyed, and tied in with an existing 1:2,000 topographic base map with roads and previously surveyed drillholes. Calculated compass declination was approximately 23°E. The Pine zone drillhole maps and cross sections in this report inherited Kemess grid coordinates from a previous operator.

Drillcore was delivered daily to the core logging and splitting area. The core was logged, marked for sampling, and split into half with a hand core splitter. One half of the core was bagged and shipped to Min-En Labs in Vancouver, British Columbia. In the top portion of the holes, sample intervals were generally from block to block due to poor recovery. A sludge-sampling program was initiated for holes P97-4 to P98-7. Drillhole collars are well marked with casing or timber down the hole.

3. LOCATION / INFRASTRUCTURE

The Pine zone is located 16 and 22 kilometres north of the Kemess North and Kemess South deposits, respectively, and by road, 420 kilometres north of Mackenzie, British Columbia (Figure 1). It is located in the Omineca Mining Division at 57° 13' North latitude and 126° 42' West longitude on NAD83 mapsheets 94E.016, .017, .026, .027. The property is divided by the northeast drainage of the Finlay River.

The property is accessed along 430 kilometers of gravel road north from Windy Point along the Omineca Resource Access Road, and 22 kilometers of rough road east to Fin Lake. The

turnoff to the Pine property is approximately 20 kilometres north of the Kemess Mine turnoff. Airstrips are in place at the Kemess South Mine and 15 kilometres north of the Pine property, at Sturdee Valley. B.C. hydropower to the Kemess Mine is in place. An access road from the Kemess South Mine to the B.C. Railhead at Sloane has been proposed. The dominant economic product from the Toodoggone district is gold and recently gold-copper.

4. PHYSIOGRAPHY AND CLIMATE

The Pine zone is located on the southeast side of the Finlay River at an elevation of approximately 1100 metres. The terrain in this area is gentle to undulating, with northeasterly directed glaciofluvial deposits such as eskers, kettle lakes and gravel terraces underlying most of the area. The ground cover in this area is extensively beetle killed and burnt pine forest, with local areas of swamp. Debris comprised of rockslide and talus occurs near the base of steeper ground to the southeast and northwest of the Finlay River valley where elevations reach 2000 metres, and pine, spruce and sub-alpine to alpine groundcover prevails.

Seasonal temperatures vary from -35° C in winter to over 30°C during the 2 - 3 months of summer. The mean daily temperatures for July and January are approximately 14°C and 15 - 20°C below zero, respectively. Precipitation between 50 and 75 centimetres occurs annually.

5. PROPERTY STATUS

The Pine property is comprised of 745 metric claim units covering approximately 186 square kilometres, and is held by Stealth Mining Corp. of Edmonton, Alberta, under option from Electrum Resources Inc. of Vancouver, British Columbia (Table 1, Figure 2).

6. HISTORY / PREVIOUS WORK

Kennco Exploration (Western) Ltd. initially performed surveys between 1968 and 1973. During this time, airborne magnetometer, induced polarization, geology and geochemical surveys were performed. One 25-metre x-ray diamond drillhole was completed on the Fin copper-molybdenum showings.

Restaked by B.D. Pearson in 1978 and under an option agreement with Rio Tinto Canadian Exploration Ltd., further geochemistry, mapping, and ground magnetic surveys were conducted. Twelve BQ diameter diamond drillholes totaling 1,354 metres were completed on the property, including the Pine zone. The claims were subsequently optioned to Brinco

Mining Ltd. and geological mapping was conducted, concentrating on the Fin zone (Woodcock, 1982).

During mid 1980's, rock geochemistry, lithological classification and alteration studies were performed (Harris, 1987).

Electrum Resources Corporation acquired the property in 1988, and soil and stream silt geochemistry were performed (Pearson, 1989). Electrum optioned the property to Cominco Ltd. in 1990. Work performed by Cominco Ltd. included the construction of a rough, 23 kilometer road into the property from the Omineca Resource Access Road. Fieldwork consisted of a flagged grid, induced polarization, magnetic, and geological surveys, followed by 1,460 metres of percussion drilling in 23 holes on the Fin and Tree zones (Smith1990 and 1991).

Romulus Resources Ltd. optioned the claims in 1992 and performed property-wide, comprehensive line cutting, induced polarization, geology, and geochemical surveys, air photography, and re-logging and sampling of previous drillcore. Four HQ diameter diamond drillholes totaling 783 metres were completed on the Pine and Tree zones, and surveying of all previous drill holes was performed (Rebagliati et al, Jan. 1993). In 1993, Romulus completed additional HQ diamond drilling totaling 1,703 metres in nine holes on the Pine zone and released a geological resource estimate of 40 million tonnes grading 0.15% copper and 0.57 g/t gold (Rebagliati et al, Dec. 1993).

Electrum Resources Inc. performed a rock sampling and LandSat Thematic satellite imagery program during 1995 and 1996 (Sterenberg, 1996).

Under an option with Electrum in 1997, Stealth Mining Corporation completed 1,903 metres of NQ diamond drilling on the Pine zone. Rock sampling, mapping and a small soil-sampling program were also conducted. As a result of this work the Pine and Tree zones were considered favorable to host a 200 million tonne deposit grading between 0.12 to 0.3% copper and 0.25 –0.7 g/t gold, with localized zones of epithermal style high grade gold (Blann, Jan 1998).

7. REGIONAL GEOLOGY

The following account of the regional geology is summarized after works of Bailey et al (1991), Rebagliati (1992, 1993), Diakow et al (1985, 1993), Sterenberg (1996), and Blann (Jan1998).

The area is underlain by a northwesterly trending belt of mafic flows, breccia and minor sedimentary rocks of the Upper Triassic to Lower Jurassic Takla Group, and pyroclastic volcanic and epiclastic sedimentary rocks of the Lower to Middle Jurassic Hazelton Group Toodoggone Formation (Table 2, Figures 2, 3).

The Takla Group is comprised of massive, dark green, coarse-grained porphyritic augite basalt, and fine grained aphyric basaltic andesite lava with lapilli tuff and volcanic breccia, and minor amygdaloidal flows. The Hazelton Group is comprised of three subarial and marine volcanic formations; the Toodoggone, Attycelley, and Saunders Formations are divided into lower and upper cycles.

The Toodoggone Formation is comprised of red and maroon flow, pyroclastic rocks, divided into lower and upper volcanic cycles. The lower cycle consists of the Adoogachoo, Moyez, Metsantan and McClair members and the upper cycle consists of the Attycelley and Saunders Members. The upper cycle volcanic rocks occur on the Pine property.

The Attycelley Member is 500 metres in thickness, and comprised of a heterogeneous mixture of green, grey and mauve lapilli-ash tuff, subordinate lapilli tuff, with minor ash and lava flows, and epiclastic rocks. These rocks resemble the Adoogachoo Member.

The Saunders Member is composed almost exclusively of welded crystal dacite ash flow and tuff. The lower contact of this Member appears to be in part erosional, with underlying Takla Group conglomerate and tuffite.

Lower to Middle Jurassic Omineca felsic stocks and subvolcanic plutons appear associated with the Toodoggone Formation volcanic rocks, and are comprised of diorite, quartz diorite, quartz monzonite and minor syenite to granodiorite. These rocks occur as dikes, sills, and stocks of moderate size, and may be cut by minor mafic intrusions.

Dikes or sills of quartz latite porphyry, trachy-andesite to basalt composition cut the previous intrusions and volcanic rocks.

Lower to Upper Cretaceous Sustut Group sedimentary rocks are in unconformable contact with Takla and Hazelton Group rocks to the west of the Pine property. Pleistocene glacial till and reworked glaciofluvial deposits cover most of the Finlay River valley bottom.

Steeply dipping normal faults and lessor strike slip and thrust faults, cut the Takla Group and Toodoggone Formation. Northwesterly and northeasterly trending faults controlled Lower to Middle Jurassic intrusive, volcanic and associated hydrothermal events on the Pine property. Northeasterly trending high angle faults cut and displace northwest trending structures, tilting and rotating monoclinal strata (after Diakow et al, 1993). Movement along these faults appears coeval with Toodoggone Formation volcanic, subvolcanic and high-level intrusive rocks, with associated hydrothermal alteration and mineralization. A large body of granodiorite trends north through the eastern side of the Pine property, then northwest, on the north side of the Finlay River.

Regional metamorphism is sub-greenschist or zeolite facies (Bailey et al, 1991).

Marginal intrusive phases of the Black Lake-Omineca granodiorite and northwest and northeast structures may be key structural controls of porphyry gold-copper and epithermal mineralization.

Regionally extensive copper and gold mineralization occurs. The Kemess North and South deposit are located 16 and 22 kilometres south of the Pine zone, respectively. The Kemess South deposit is currently mining at a rate of 50,000 tonnes per day from an open pit with a geological reserve of 248 million tonnes grading 0.62 g/t gold and 0.22% copper. The Kemess North deposit is estimated to contain a geological reserve of 175 million tonnes grading 0.37 g/t gold and 0.18% copper. Past producers Cheni Gold's Lawyers and Dupont's Baker mine, and the Shasta deposit occur to the northwest of the Pine property and are Toodoggone Formation hosted high-grade epithermal gold-silver deposits.

8. PINE PROPERTY GEOLOGY

Work in 1998 was directed on the Pine zone portion of the property, however, some mapping and sampling of the Tree, Fin, Mex and NWB zone was performed (Figure 4). In 1998, a total of 7 NQ diameter diamond drillholes were completed, and hole P97-12 extended. Drillcore logs, and drillcore recovery data are provided in Appendix 1 and 2, respectively.

The Pine property is underlain by undivided and Toodoggone Formation rocks of the Hazelton Group. Black Lake - Omineca hornblende granodiorite, granite and quartz monzonite cut the Toodoggone Formation rocks (Table 3, Figure 5).

Staining of core suggests K-feldspar content varies within the Pine zone from trace to 50%, however, differentiation between primary and pervasive secondary k-feldspar proved difficult where strongly overprinted by sericite-clay alteration. If more than 50% of the rock matrix contained crystals less than 2-3 mm, it was generally termed volcanic, likewise, if more than 50% of the matrix crystals were over 2 mm then it was termed intrusive or subvolcanic. Some degree of porphyritic texture is common in volcanic and intrusive rocks.

Quartz grains 0.5 - 1 mm in size, and aphanitic plagioclase occur in Hazelton Group dacite to andesite welded tuff (3000) with flow breccia or lapilli textures locally, and appear moderate to strongly affected by propylitic and clay alteration. Intensely bleached grey-white altered tuff occurs dominantly to the southeast and southwest of the Pine zone.

Clear to grey-white, irregular to subrounded, hackly quartz phenocrysts 2 - 5 mm in size occur in a grey-orange-black quartz monzonite porphyry or a subvolcanic equivalent, quartz latite porphyry. This unit is termed quartz eye porphyry (Qep- 5300), and is the dominant host to mineralization in the Pine and Tree zone. It has been traced by mapping, sampling and drilling over an area 2.5 kilometres in length and between 200-600 metres in width.

Hornblende and plagioclase phenocrysts of monzonite to leuco-monzodiorite (MzD-5200) tend to have a crowded texture, emphasized by sericite-clay alteration and less obvious quartz phenocrysts, distinguishing it from quartz-eye porphyry. This unit occurs in moderate-steep east-dipping contact with the quartz-eye porphyry in drillholes 98-1, 97-12.

Biotite-feldspar granodiorite (GrD- 6200) occurs in drillhole P97-10 and cuts monzodiorite northwest of the Pine zone, in the vicinity of the Finlay River. Biotite granodiorite also occurs in the Fin zone and southward to the Mex and Geigerich Peak. These rocks are part of the regionally extensive Black Lake - Omineca intrusions.

Orange coloured dikes and sills (or flows) of latite (7500) have 3-10 mm hornblende and plagioclase phenocrysts, and oxidized magnetite, within a fine grained, highly potassic matrix. These dikes spatially vary from 0.3 –30 metres in thickness and comprise up to 10-20% of drillcore. Dark, hornblende-magnetite trachyandesite to basalt (7200, 7600,7700) occurs generally less than 2 metres in thickness, and makes up a minor volume of the rockmass.

The late dikes cut the volcanic rocks, quartz-eye porphyry, monzodiorite and granodiorite, often near geological contacts, or fault zones. Dike orientations remain undefined, however, some dip moderately to steeply eastward. A shallow easterly dip (sill) may also occur.

Glacial and glaciofluvial deposits cover approximately 80% of the Pine zone. In low-lying areas, 3-15 metres of clean, unconsolidated sand and till with rounded boulders up to 1 metre in diameter occur, and limit effectiveness of standard soil geochemical surveys. Outcrop of gossanous ferricrete, pebble breccia occurs along the base of the hill to the southeast of the Pine and Tree zones.

8.1 Structure

Strong regional structures trend northwest and northeast, and large-scale block tilting or rotation occurred (Diakow, 1993). Magnetic, induced polarization, and geological surveys suggest a northeasterly trending zone of magnetite, moderate to high sulphidation, and sericite-clay alteration 10 kilometres in length and 2.0 kilometres in width occurs (Figures 6,7,8, respectively). North-northwesterly attenuation or discontinuities occur in the "ridge" of high chargeability and magnetic data.

Southwest of Fin lake, airborne magnetic surveys show a generally northeast trending strong magnetic anomaly over the Pine zone, approximately 1.8 kilometres in length and 0.7 - 1.0 kilometres in width, with a southeasterly lobe underlying Fin Creek (Figure 6). A ground magnetic survey has defined the southeasterly lobe to consist of a northeast trending magnetic high, 800-1000 metres in length and 150-350 metres in width, beneath Fin creek. This magnetic anomaly is coincident with part of a 10 kilometre long northeasterly structure parallel the Cascadero Fault, and is on the southeast flank of the induced polarization anomaly. A similar magnetic zone 600 metres to the west is a minimum 1500 metres in length and 200-400 metres in width and has been partially drill tested. These magnetic anomalies collectively make up the Pine zone, and are broken by northeast, northwest and north-south trending magnetic lows.

Northeast of Fin Lake, in the Tree zone, a magnetic anomaly approximately 1.2 kilometres in length and 0.7 - 0.9 kilometres in width is located southwest of a granodiorite contact trending north-northwest.

Similarly, other large magnetic-high anomalies occur on the Pine property, outboard of a granodiorite that is aero-magnetically defined as a low (Figure 6). Within the geophysical anomalies, attenuation and discontinuity are associated with overburden, lithology, structure, alteration and associated mineralization.

Fractures, shears and faults in drillcore and surface rocks trend north-northwest, northeast, east-west, and dip variably.

Previous drillhole cross sections indicate the late dikes dip moderately to steeply eastward (Rebagliati, 1992, 1993), however dikes or sills located in outcrop also strike northeast and northwest with shallow easterly dip.

8.2 Alteration And Associated Mineralization

Drillhole locations for the Pine zone are located in Figure 8. Drillhole assay and core recovery data are located with drill logs in appendix 1, and Appendix 2, respectively. Core and sludge assay results of the 1998 and 1997 diamond drilling are summarized in Tables 4,5, respectively. Core, sludge, rock and soil assay certificates are provided in Appendix 3.

Fracture-controlled and in part, lithology-controlled alteration varies from potassic to propylitic, and intermediate to advanced argillic. Drillcore is strongly fractured, hydrothermally altered and mineralized. From crosscutting relationships in drillcore and surface mapping, the alteration and associated mineralization appears in more or less chronological order as follows:

a) Porphyry gold-copper stage

The quartz-eye porphyry is associated with quartz-magnetite-pyrite-chalcopyrite veinlets from 1-10mm in thickness that are wispy to straight, crosscutting, broken and generally non-vuggy. Narrow quartz veins may have envelopes of pervasive k-feldspar up to 2 metres in thickness. Quartz-k-feldspar-magnetite altered quartz eye porphyry contains concentrations of between 0.10 -1.5 g/t gold and approximately 0.05-0.30% copper, and / or trace to 0.2% zinc. This mineralization occurs over an area of approximately 200-600 metres in width and 1.6 – 2.5 kilometres in length and remains open. Copper and gold concentration increases with stronger quartz veining, stockwork, and k-feldspar-magnetite alteration, locally in proximity to crowded feldspar porphyry monzonite-monzodiorite and orange feldspar porphyry latite dikes. A northeast trending ground magnetic anomaly 150-350 metres in width and 800-1000 metres in length dips eastward beneath clay alteration near Fin creek and the southeast lobe of an induced polarization anomaly. Hole 98-4 drilled through the clay alteration on the projected northern tip of the magnetic anomaly, and in the broken zone, returned 0.45 g/t gold over 130 continuous metres of sludge samples (118 metres 0.18 g/t gold in core). The hole then intersected 0.13%copper and 0.29 g/t gold over 166.3 continuous metres of core from below the gypsum line, northwest of the anomaly. From 274.5-284.5 metres, 9.8 metres returned

0.27% copper and 0.56 g/t gold, and the hole was lost in an orange dike at a depth of 292 metres. Drillhole 97-8 intersected 0.17% copper, 0.49 g/t gold over 147 continuous metres of core, including 68.6 metres containing 0.20%copper and 0.63 g/t gold, west of the central part of the magnetic anomaly.

Monzodiorite cuts the quartz eye porphyry, and is chlorite-sericite-epidote-clay altered and contains predominantly pyrite mineralization. Copper values locally decrease away from the quartz eye porphyry contact, whereas gold values of 0.10- 0.25g/t gold may persist.

b) Quartz-sericite-pyrite

Quartz-sericite-pyrite veins from 0.10- 5 cm in thickness, with moderate clay altered envelopes, cut the potassic alteration and generally contain low copper and gold values. This alteration, however, locally contains silicified zones and quartz veins with pyrite, chalcopyrite, sphalerite, galena, and locally molybdenite, and contains high-grade gold mineralization in proximity to late orange feldspar porphyry dikes. Drillhole P97-4 intersected 1.3 metres grading 215.9g/t gold at a vertical depth of 50 metres adjacent to a dike. Sixty metres beyond the dike, at a vertical depth of 140 metres, 3 metres grading 36.17 g/t gold or 6 metres containing 19.17 g/t gold was intersected; this interval occurs within a zone of silicification and breccia 18.4 metres in length grading 6.93 g/t gold. Assuming a subvertcal dip, the zone is estimated to contain 6.93 g/t gold over a true width of 1-4 metres or more.

Drillhole 92-40 intersected 1.33 g/t gold over 11.3 metres and 1.0 g/t gold over 23.3 metres, and 93-41, 93-42 intersected 1.15 g/t gold over 19.5 metres, and 1.23 g/t gold over 16.3 metres, respectively. These zones are close to the surface and west of P97-4.

c) Sulphate stage

Both the quartz-magnetite and quartz-sericite-pyrite veins are cut by widespread, pervasive anhydrite-gypsum alteration and veins containing coarse-grained pyrite, chalcopyrite +/- sphalerite, and galena mineralization with anomalous copper, zinc gold and silver values. The Pine zone is affected by hydration and expansion of anhydrite into gypsum, and subsequent dissolution of gypsum to a depth of 50-125 metres. This sub-horizontal zone is comprised of uncemented, mineralized rock with associated poor drill core recovery and sampling problems.

d) Propylitic

Strong chlorite-epidote alteration occurs dominantly with volcanic rocks 500 metres southeast of Fin Creek, and weakly within monzodiorite, granodiorite, and late dikes. This alteration contains from trace to 10% medium to coarse-grained pyrite. Rock samples and drillcore containing structurally controlled quartz-sericite-pyrite-magnetite alteration within propylitic volcanic rocks contain 0.10 –1.00 g/t gold (hole 80-8).

e) Clay

Intense pervasive clay alteration and associated metal depletion overprints potassic and propylitic alteration 600 metres southeast of Fin creek, on the northwest side of the Pine zone, and to the southwest for 6 kilometres. In the Pine zone, magnetite is moderate to intensely altered to hematite (martite) and pyrite to limonite, to a depth of 25- 125 metres. Outcrop and drillcore suggests the contact between potassic altered quartz-eye porphyry and intense white clay alteration can occur over 10-20 metres, trends northeast-southwest, and may dip gently southeast.

8.3 Diamond drilling results

Cross sections through a portion of the Pine zone are located in Appendix 4 (Figures 13-19).

As the orientation and frequency of the barren dykes are poorly understood, composites presented below are of the easily definable quartz eye porphyry only, and may be subject to spatially variable zones of up to 10- 20% dilution. High-grade gold values of 3 metres grading 36.12 g/t gold and 1.3 metres grading 215.9g/t gold are also left out. Further drilling is required to define this mineralization.

a) Sludge Sampling

Due to severe core loss in the uncemented broken zone, sludge samples were taken for part of the 1997 and 1998 drilling. The width- weighted average of 206 sludge samples totaling 602.68 metres in 10 holes from the uncemented (broken) quartz eye porphyry averages 0.065% copper and 0.45 g/t gold. Sludge samples for drillholes 97-4, 97-12, 98-3, 98-4, 98-5 average 0.086% copper and 0.57 g/t gold (138 samples, 375.92 metres).

b) Uncemented, broken zone core sampling

Most of the drilling to date is in the upper 100 metres of the pine zone, where core recovery is poor. In comparison with sludge samples, all drillcore from the uncemented quartz eye

porphyry averages 0.09% copper and 0.34 g/t gold (28 holes, 2091.55 metres). In many instances, sludge sampling suggests an indeterminate loss of gold and/or silver occurs while core drilling the uncemented rock. In the broken zone, chalcopyrite is oxidized, in part leached, and likely transported hydromorphically.

c) Cemented, gypsum zone

In cemented rock below the gypsum-anhydrite line, 1048.45 metres of quartz eye porphyry from 15 holes within an area of approximately 500X500 returned a width-weighted average grade of 0.16% copper and 0.41 g/t gold. This does not include 36.17g/t gold over 3 metres, and 215.9g/t gold over 1.3 metres from drillhole P97-4, or barren dikes of up to 10-20% dilution. When the two high-grade intervals are incorporated, the average gold grade becomes 0.78g/t gold.

For a 500X500 metre area of the Pine zone, from a depth of 0-150 metres, the overall average grade is approximately 0.10% copper and 0.32 g/t gold (1271 samples, 2849.9 metres). When the two high-grade intervals are included, the average gold grade becomes 0.46 g/t. These averages do not include up to 10-20% dilution of dikes, or positive effect of the higher gold in sludge samples (0.57g/t Au). Copper and gold values appear reduced significantly in the drillcore averages by the incorporation of the leached and uncemented material with associated loss of copper and probably gold.

Few dikes were intersected in drillhole 98-4, which returned 0.45 g/t gold over 130 continuous metres of sludge sampling followed by 166.3 continuous metres of core below the gypsum line containing 0.13% copper and 0.29 g/t gold. In drillhole P97-8, few dikes were intersected in the 147 continuous metres of core grading 0.17% copper and 0.49 g/t gold. The grade-width may be improving to the southeast, in proximity to a 150-350 metre wide, 800-1000 metre long magnetic anomaly beneath Fin Creek.

To the southwest of the gold-copper zone, hole P97-6 returned 0.11% zinc over 110.7 metres, and 0.34 g/t gold over 37.6 metres, and hole P97-9 returned 0.13% zinc over 114 metres, 0.11% zinc over 50.6 metres, and 0.21 g/t gold over 146.7 metres. Silver values in drillcore range from approximately 0.5 - 8 g/t, and appear to be associated with zinc rather than copper. Sludge sampling returned 11.7 g/t silver over 33.6 metres, and 11.1 g/t silver from drillholes 97-8 and the last 9 metres of 97-7, respectively. Silver-zinc values appear elevated adjacent to gold-copper mineralization.

In the Tree zone, approximately 600 metres to the northeast of the Pine zone, mapping, surface rock sampling and four drillholes indicate elevated copper and gold porphyry type mineralization occurs over an area of approximately 400X 400 metres in dimension and remains open to the south and north. Diamond drillhole 92-37 intersected 100 metres containing 0.13 % copper and 0.20 g/t gold from 62-162 metres depth.

8.4 Mex and NWB zones

1998 rock samples from the Mex and NWB zones are located in Figures 11 and 12, respectively.

The Mex zone is a 1 kilometre wide, 1.5 kilometre long, high sulphidation hydrothermal alteration zone hosted by monzonite, and volcanics in proximity to granodiorite. Orange dikes cut the quartz eye porphyry. The Mex zone forms a gossanous wedge-shaped ridge between 1500- 1800 metres elevation, to the south of the Tree and Pine zone (Figure 4). 10 rock samples from near the crest of the ridge were taken in 1998 and returned from 7 to 292 ppb gold, and 24 to 6267 ppm copper. Anomalous gold values are present with copper, zinc, and locally barium. Minor molybdenum values were returned. 27 soil/talus samples taken in 1981 averaged 500ppb gold, and 10 of about 50 rock samples assayed greater than 300 ppb gold. Two talus samples returned approximately 4.9g/t gold and 3.5g/t gold (Assmt. Report 9384). The precise location of this work was not determined in 1998. The best gold values appear to be down the northeast side of the ridge and are associated with silicification and quartz stockwork.

The NWB zone is a 1.5km wide, 1.5 kilometre long, high sulphidation hydrothermal alteration zone hosted by quartz eye porphyry (Figure 4). Orange feldspar porphyry dikes cut the volcanic rocks (Figure 12). To the northwest of the Pine zone, the NWB forms a gossanous cirque cut by a northeasterly trending valley between 1300-1800 metres elevation. 12 rock samples from outcrop-subcrop returned up to 1035 ppb gold, with 7 of 12 over 136 ppb gold, covering an area of approximately 200 X 200 metres. Elevated gold values are associated with anomalous lead, barium and molybdenum in zones of silicification. Previous soil geochemistry on the NWB zone outlined an overall 1 kilometre long by 400 metre wide zone of anomalous gold, copper, molybdenum and zinc. Structures that control alteration and mineralization appear to be northeast-and northwest.

To the north of the NWB zone, the nub zone was sampled in the 1980's with localized zones of gold grading to 0.312oz/t gold and 12 oz/t silver. The NWB and Nub zones are part of a zone of the gossan and clay alteration over 5 km in length, and 2.5 km in width.

9. DISCUSSION

Regional geology, mineral deposit literature, and property geology suggest the Toodoggone Formation volcanic rocks are cut by coeval subvolcanic intrusions of quartz monzonite porphyry and later monzodiorite. These rocks appear localized by regional northwest and northeast trending faults near the margins of a north-northwest trending granodiorite batholith. Dikes and sills of quartz, hornblende, plagioclase feldspar porphyry latite, trachyandesite and basalt crosscut the previous sequence. All rocks have been fractured and affected to some degree by widespread propylitic to potassic hydrothermal alteration, the late dikes somewhat less so than adjacent rocks.

Geochemistry, geology, alteration, mineralization and induced polarization chargeability and magnetic surveys suggest the quartz eye porphyry and monzodiorite with associated gold-copper mineralization may extend beneath clay alteration a further 6 km southwest of the Pine zone. Similarly, monzodiorite to granodiorite hosted mineralization may extend 1.5 kilometres northeast of the Tree zone. The total area of high sulphidation epithermal and porphyry style alteration and associated mineralization of the "Pine" zone as defined by drilling, geophysics, geology, alteration, and geochemistry, is approximately 2 km in width and 10 km in length.

Significant gold concentrations occur within silicified breccia and quartz veins in proximity to porphyry style gold-copper mineralization. Drillhole 97-4 (-70^0 W) intersected 1.3 metres of 215.9 g/t gold adjacent to an orange, quartz-rich latite dike. 60 metres beyond the dike, another 18.4 metre interval returned 6.93g/t gold, including 3 metres of 36.17g/t gold. The actual width of this zone may be 1-4 metres or more if it is related to a 10-20 metre-wide zone grading over 1.0g/t gold that occurs near the surface to the west.

Within a 500 X 500 metre area of the Pine zone, to a depth of 150 metres, a geological resource of approximately 100 M tonnes averaging approximately 0.10% copper and 0.32 g/t gold occurs. This average does not include up to 10-20% dilution from dikes or the positive effect of higher gold average in sludge (0.57g/t), and 36.17g/t gold over 3 metres and 215.9 g/t gold over 1.3 metres. Most of this resource is of the uncemented, leached, zone, with low copper values. Limited drilling below the gypsum line suggests the quartz eye porphyry

(without the dikes) contains approximately 0.16% copper and 0.41 g/t gold, or including the two high-grade intervals, 0.78g/t gold.

The 500 X 500 metre area represents approximately 35% of the Pine-Tree zone and less than 2% of the overall alteration zone.

The Pine-Tree zone is one of several large, high-level, high sulphidation epithermal and transitional porphyry gold-copper systems that occur on the Pine property. Several areas containing significant gold values occur within similar geology, alteration and mineralization as the Pine zone.

A brief review of property mineral potential beyond the Pine, Tree and Fin zones suggests attractive areas of combined chargeability, magnetics, and copper-gold soil anomalies occur and remain to be evaluated by diamond drilling. These areas include the Mex, NWB and Nub, and contain large, high sulphidation epithermal to transitional hydrothermal systems.

10. CONCLUSIONS

The Pine property is located in the Omineca Mining Division of British Columbia, approximately 22 kilometres north of the Kemess South mine. The property covers an area of over 200 square kilometres and contains several large, high-level, high sulphidation epithermal gold and transitional porphyry gold-copper systems within Toodoggone Formation volcanic and subvolcanic rocks.

Toodoggone Formation dacite-andesite volcanic rocks host the Pine-Tree porphyry gold-copper deposits where a body of sub-volcanic quartz-eye porphyry is cut by monzodiorite. The Fin porphyry copper-molybdenum prospect is hosted by hornblende-biotite granodiorite, to the northeast of the Pine and Tree zones. Dikes of latite to trachyandesite crosscut the intrusive and volcanic rocks.

Diamond drilling, mapping and rock sampling in the Pine-Tree zone suggest an area between 200- 600 metres in width and 2.5 kilometres in length contains fracture-controlled to pervasive quartz-sericite-magnetite-k-feldspar alteration with associated pyrite, chalcopyrite, sphalerite mineralization. Approximately 35% of the Pine-Tree zone contains a geological resource of approximately 100 million tonnes grading 0.10% copper and 0.32 g/t gold, without 10-20% dike dilution, or positive effect of higher gold values in sludge, and two high-grade gold intervals in core. Limited drilling below the gypsum line averages 0.16% copper and 0.41 g/t gold, without

10-20% dike dilution; with the addition of the two high-grade gold intervals, this average becomes 0.78 g/t gold. Increasing gold-copper grade-width and less dilution is indicated to the east and southeast, where a strong northeast-trending magnetic anomaly 150-350 metres in width and 800-1000 metres in length occurs beneath Fin creek.

Drillhole P97-4 intersected an apparent width of 1.3 metres containing 215.9g/t gold adjacent to a sub-vertical dike at a vertical depth of 50 metres. At a vertical depth of 140 metres, a silicified breccia and quartz vein zone approximately 1-4 metres or more in width (18.4 metres core length) contains 6.93g/t gold, including 3 metres of 36.17 g/t gold. This significant intercept may be a deeper representation of 10-20 metre-wide structures containing over 1.0g/t gold occurring near surface to the west, and represents a bonanza-grade epithermal gold target within the porphyry gold-copper system.

Mineralization consisting of dominantly copper-molybdenum, copper-gold, and gold-copper occurs in the Fin, Tree, and Pine zones, respectively, and may be related to the depth of a hornblende monzonite-monzodiorite intrusion. Further, zoning of zinc-silver to gold-copper occurs in proximity to porphyry gold-copper mineralization, and late stage epithermal high-grade gold deposition occurs. The presence of geochemically anomalous copper, zinc, silver and gold, intense clay alteration, and moderate chargeability occurs for an additional 6 kilometres to the southwest of the Pine zone, and may represent the continuation of the Pine gold-copper system.

The Pine zone holds potential to be a world-class gold deposit. The Mex, Northwest Breccia, and Nub zones are of similar size and geology, offering potential for discovery of additional gold resources.

11. RECOMMENDATIONS

A success-contingent three-phase program is recommended for the Pine property. Phase one is comprised of drilling 10 angled holes totaling 3,000 metres to define geology, geometry and grade of mineralization of the Pine zone, with an emphasis on defining the high-grade gold structures. The drillcore recovery problem must be addressed for confident grade estimation in the uncemented zone. Phase 2 consists of groundwork to expand, and in part fill in, geological, geophysical and geochemical surveys, of the property. Further sampling and mapping of the Mex, NWB and Nub zones is recommended. These zones would require a helicopter supported drill program. If the above programs are successful in defining an

attractive drill indicated resource in the Pine property, then a large-scale drill program in preparation for pre-feasibility would be recommended for Phase 2.

12. PROPOSED BUDGET

Phase 1

Diamond drilling 3,000 metres @ $150.00/metre	$450,000.00
Property-wide geology, geochemical sampling, geophysical surveys	$250,000.00
Helicopter support	$100,000.00
Helicopter supported diamond drilling: 1,500 metres @ $175/metre	$262,500.00
Total	**$1,062,500.00**

Phase 2

Diamond drilling	20,000 metres	@ $150.00/metre	$3,000,000.00
Environmental baseline and engineering studies			$1,000,000.00
		Total	$4,000,000.00

Total Phase 1 and 2 approx. $5, 000,000.00

REFERENCES

1. Blann, D.E., (1998), Geological Report, 1997 diamond drilling program on the Pine Property, Finlay River, Toodoggone, B.C., Jan, 1998, for Stealth Mining Corporation.

2. Bowen, B.K., Copeland, D.J. and Rebagliati, C.M. (1993): Pine Gold-Copper Porphyry Project; Summary Report on the 1992 Exploration and Diamond Drilling Program. Copeland Rebagliati and Associates Ltd., Priv. Rep. for Romulus Resources Ltd.

3. Diakow, L.J., Panteleyev, A. and Schroeder, T. (1993): Geology of the Early Jurassic Toodoggone Formation and Gold-Silver Deposits in the Toodoggone River Area, Northern British Columbia. Bul. 86, B.C. Ministry of Energy Mines & Petroleum Resources.

4. Harris, J.F. (October 16, 1987): Rock Geochemistry, Lithological Classification, and Alteration Studies in Volcanic Rocks from the Central Part of the Fin Property, Fin Claim Group, Omineca Mining Division, British Columbia, for Bradford D. Pearson.

5. Klit, Daniel A., Lloyd, John (November, 1992): A Geophysical Report on an Induced Polarization Survey on the Pine Property, Omineca Mining Division, British Columbia, for Romulous Resources Ltd.

6. McMullen, J. and Smith P.K. (1973): Geophysical Report for Kennco Explorations (Western) Ltd., Pine Property, Omenica M.C., British Columbia. Kennco Explorations Priv. Rep.

7. Pearson, Bradford, D., St. John, Robert, (July, 1989): Fin Claims Soil and Stream Silt Geochemistry, Omineca Mining Division.

8. Rebagliati, C.M., Bowen, B.K. and Copeland, D.J. (1993): Pine Property Gold-Copper and Copper-Molybdenum Porphyry Prospects, Kemess-Toodoggone District, Northern British Columbia. Paper 29, CIM Special Volume 46, pp 436-440.

9. Rebagliati, C.M. (1993): Pine Gold-Copper Porphyry Project; Summary Report on the 1993 Drilling Program. Copeland Rebagliati and Associates Ltd., Priv. Rep. for Romulus Resources Ltd.

10. Royal Oak Mines Inc. (1995) Annual Report, pub. rel

11. Sadlier-Brown, T.L. (November 5, 1996): A Report of the Pine Gold-Copper Property, Finlay River Area, Toodoggone District, Omineca Mining Division, for Stealth Mining Corporation.

12. Smith, S.W. (August, 1990): Assessment Report on Rock Sampling and Line Chaining on the Pintree Property, Omineca Mining District, British Columbia, June 28-July 14, 1990, Cominco Ltd.

13. Smith, S.W. (February, 1991): 1990 Owners Report on the Pinetree Property, Cominco Ltd.

14. Sterenberg, V.Z. (November 1, 1996): Assessment Report- 1995 and 1996 Exploration, Pine Property, Omineca Mining Division, British Columbia, for Electrum Resources Inc.

15. Woodcock, J.R. and Gorc, D. (December 13, 1982): Geology and Geochemistry of the Fin Claims, Omineca Mining Division (94-E2), Priv. Rep. for Brinco Mining Ltd.

16. Assessment report # 6763, Caelles, J.C., (June, 1978), Geological mapping and rock and soil geochemistry work on the Mex prospect, Cominco Ltd.

17. Assessment report # 9384, Sharp, R.J., (1981), Geochemical report on the Mex mineral claims, Cominco Ltd.

STATEMENT OF QUALIFICATIONS

I, David E. Blann, of Burnaby, British Columbia., do hereby certify:

1. That I am a Professional Engineer registered in the Province of British Columbia.

2. That I am a graduate in Geological Engineering from the Montana College of Mineral Science (School of Mines), Butte, Montana (1986).

3. That I am a graduate in Mining Engineering Technology from the B.C. Institute of Technology (1984).

4. That I have been actively engaged in the mining industry since 1984.

5. That the 1998 diamond drilling program was directed and performed under my supervision, and information, conclusions and recommendations herein are based on approximately fourteen weeks on the property during 1997 and 1998, and a review of information made available by the property owner.

Dated at Vancouver, B.C., January 20, 1999

David E. Blann, P.Eng.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
D. E. BLANN

TABLE 1
Schedule of Mineral Claims

Name	Tenure #	Units	Anniversary Date yy/mm/dd	Expiry Date yy/mm/dd	Registered Owner
Black 1	352922	18	96/11/22	99/11/22	Stealth Mining
Black 2	352923	18	96/11/22	99/11/22	Stealth Mining
Black 3	352924	18	96/11/23	99/11/23	Stealth Mining
Black 4	352925	15	96/11/23	99/11/23	Stealth Mining
Black 5	352928	1	96/11/23	99/11/22	Stealth Mining
Black 6	352929	1	96/11/23	99/11/23	Stealth Mining
Black 7	352930	1	96/11/23	99/11/23	Stealth Mining
Black 8	352931	1	96/11/23	99/11/23	Stealth Mining
Black 9	352932	1	96/11/23	99/11/23	Stealth Mining
Black 10	352933	1	96/11/23	99/11/23	Stealth Mining
Black 11	352926	12	99/11/22	99/11/22	Stealth Mining
Black 12	352927	8	99/11/22	99/11/22	Stealth Mining
Easter 1	241918	16	90/04/16	04/04/16	107591
Easter 2	241919	12	90/04/16	04/04/16	107591
Easter 3	241920	20	90/04/16	04/04/16	107591
Easter 4	241921	20	90/04/17	04/04/17	107591
Easter Seal	303156	20	91/08/08	04/08/08	107591
Egg 1	310065	15	92/05/29	01/05/29	107591
Egg 2	310066	15	92/05/29	01/05/29	107591
Fin 3	238305	1	80/07/31	04/07/31	107591
Fin 11	240089	20	88/08/18	04/08/11	107591
Fin 12	240090	20	88/08/18	04/08/11	107591
Fin 14	240091	20	88/08/18	04/08/11	107591
Fin 16	240092	6	88/08/18	04/08/11	107591
Fin 17	240093	8	88/08/18	04/08/11	107591
Fin 18	240094	12	88/08/18	04/08/11	107591
Fin 19	240095	6	88/08/18	04/08/11	107591
Fin 20	241595	20	90/02/13	04/02/13	107591
Fin 21	241596	16	90/02/13	04/02/13	107591
Fin 21	308119	20	92/03/14	04/03/14	107591
Fin 22	308120	20	92/03/14	04/03/14	107591
Fin 23	308121	20	92/03/14	04/03/14	107591
Fin 24	308122	20	92/03/14	04/03/14	107591
Fin 25	308123	20	92/03/14	04/03/14	107591
Fin 26	308124	20	92/03/14	04/03/14	107591
Fin 971	358929	20	97/08/26	02/08/26	107591
Fin 972	358930	20	97/08/30	02/08/30	107591

TABLE 1
Schedule of Mineral Claims

Name	Tenure #	Units	Anniversary Date yy/mm/dd	Expiry Date yy/mm/dd	Registered Owner
Fin 973	358931	20	97/08/30	02/08/30	107591
Fin 974	358932	20	97/08/30	02/08/30	107591
Kath 2	319656	20	93/07/19	02/07/19	107591
Kath 4	319658	15	93/07/20	02/07/20	107591
Kath 6	319661	1	93/07/19	02/07/19	107591
Kath 7	319662	1	93/07/19	02/07/19	107591
Kath 8	319663	1	93/07/19	02/07/19	107591
Kath 9	319666	1	97/07/20	08/07/20	107591
Kath 10	319667	1	97/07/20	02/07/20	107591
LY 1	310081	20	92/05/30	01/05/30	107591
LY 2	310060	1	92/05/30	01/05/30	107591
LY 3	310061	1	92/05/30	01/05/30	107591
LY 4	310062	1	92/05/30	01/05/30	107591
LY 5	310080	1	92/05/30	01/05/30	107591
Paula	300641	20	91/06/08	04/06/08	107591
Song 1	310079	20	92/05/29	01/05/29	107591
Song 2	310064	20	92/05/30	02/05/03	107591
Song 3	310038	1	92/05/31	01/05/31	107591
Song 4	310039	1	92/05/31	01/05/31	107591
Song 5	310040	1	92/05/31	01/05/31	107591
Song 6	310041	1	92/05/31	01/05/31	107591
Song 7	310042	1	92/05/31	01/05/31	107591
Song 8	310043	1	92/05/31	01/05/31	107591
Song 9	310044	1	92/05/31	01/05/31	107591
Song 10	310045	1	92/05/31	01/05/31	107591
Nub 1	367377	15	98/12/8	99/12/8	Stealth Mining Corp.
Nub 2	367378	20	98/12/8	99/12/8	Stealth Mining Corp.
Nub 3	367379	20	98/12/8	99/12/8	Stealth Mining Corp.
Nub 4	367380	16	98/12/8	99/12/8	Stealth Mining Corp.

Table 2

Regional Geology Legend

Glacial Deposits, Overburden

Cretaceous Sustut Group - not present at Pine

Lower and Middle Jurassic

Hazelton Group

Jurasic Hazelton Group (JH)

Hazelton Group, undivided well bedded lapilli tuff and pyroclastic breccia

Toodoggone Formation

Black Lake/Omineca intrusive suite at the Pine property

- trachyite, andesite, minor basalt dikes, sills
- Feldspar porphyry latite dikes, sills
- Quartz-k-feldspar rich quartz latite porphyry/ quartz monzonite porphyry dikes and sills.
- Crowded feldspar porphyry quartz monzonite- monzodiorite
- Granite
- Hornblende granodiorite

Upper Volcanic Cycle

(6) Saunders Member: Welded ash flow tuff of dacitic composition with local granodiorite clasts

(5) Attacelly Member: Quartz, feldspar crystal tuff, fine pyroclastic rocks of latite to andesite composition

Lower Volcanic Cycle

(4) McClair Member

(3) Metsantan Member: high potassium, massive latite flows with local flow breccia

(2) Moyez Member

(1) Adoogacho Member

Table 3

Pine property Geology Legend
(Modified After Rebagliatti, 1993)

Code	Subcode	Lithology
0000		
	0200	No Core
	0300	Ferricrete
	0400	Talus
9000		
	9XX0	**Fault**
		Protolith indicated by 2nd, 3rd digit
8000		
		Tertiary sediments Volcanic rocks- not present at Pine
7000		**Late dikes**
	7100	Rhyolite
	7200	Trachyte
	7300	Rhyodacite
	7400	Dacite
	7500	Latite
	7600	Andesite
	7700	Basalt
6000		**Intrusions with > 20% primary quartz**
	6100	Granite
	6200	Granodiorite
	6300	Tonalite
	6400	Others
5000		**Intrusions with < 20% primary quartz**
	5100	Diorite/ Gabbro
	5200	Monzodiorite
	5300	Monzonite
	5400	Syenite
	5500	Others
4000		**Modified intrusive products**
	4100	Intrusive-Volcanic hybrid (assimilative product)
	4200	Lag horizon (intrusive fragments)

Table 3- cont'd

Pine property Geology Legend
(Modified After Rebagliatti, 1993)

(3rd digit)	0=	Not applicable
	1=	0-10% primary quartz
	2=	10-20% primary quartz
(4th digit)	0=	not applicable
	1=	non porphyritic
	2=	porphyritic

Code	Subcode	Lithology
3000		**Hazelton Group volcanic rocks (Toodoggone Formation)**
	3100	Rhyolite
	3200	Trachyite
	3300	Rhyodacite
	3400	Dacite
	3500	Latite
	3600	Andesite
	3700	Basalt

(3rd digit)	0=	Not applicable
	1=	pyroclastic
	2=	flow
(4th digit)	0=	not applicable
	1=	heterolithic
	2=	monolithic
	3=	feldspar porphyritic
	4=	pyroxine porphyritic
	5=	quartz porphyritic

Computer Codes

Alteration Codes

0	absent, unknown
1	weak
2	weak to moderate
3	moderate

NS=	no sample
NC=	no core (previously "not calculated)
NA=	not available

TABLE 4

SUMMARY OF 1998 CORE DRILLING RESULTS

Hole #	Dip	From(m)	To(m)	Width(m)	Au(g/t)	Cu(%)	Comments
P98-1	- 75	0.0	20.43	20.43			Casing
		20.43	37.4	16.97	0.13	0.070	Qep
		37.4	44.50	**7.10**	**0.31**	**0.129**	Qep
		44.5	119.82	66.62	0.06	0.040	MzD EOH
P98-2	-60	0.0	17.07	17.07			Casing
		17.07	63.8	46.73			Fp Dike
		63.80	**225.91**	**162.11**	**0.25**	**0.096**	Qep
		225.91	245.73	19.82	0.05	0.032	MzD- EOH
P98-3	-90	0.0	14.33	14.33			Casing
		14.33	39.65	25.32	0.205	0.060	Qep
		39.65	45.35	5.7			Fp Dike
		45.35	60.0	14.65	0.12	0.056	Qep
		60.0	115.85	55.85			Fp Dike
P98-3a	-60	0.0	18.0	18.0			Casing
		18.0	18.9	0.9	0.47	0.043	Hole lost
P98-4	-45	0.0	3.96	3.96			Casing
		3.96	30.7	26.74	0.07	0.005	Clay
		30.7	36.20	5.5			Fp dike
		36.20	65.85	29.65	0.22	0.012	Qep
		65.85	74.90	9.05			Fp dike

Hole #	Dip	From(m)	To(m)	Width(m)	Au(g/t)	Cu(%)	Comments
P98-4		74.90	191.0	116.1	0.21	0.067	Qep
		191.0	**284.3**	**93.3**	**0.32**	**0.157**	Qep
		284.3	291.77	7.47			Fp EOH
P98-5	-70	0.0	17.07	17.07			Casing
		17.07	**63.03**	**46.03**	**0.48**	**0.126**	Qep
		63.10	80.49	17.39			Fp Dike
		80.49	**106.40**	**25.91**	**0.55**	**0.133**	Qep
		106.40	**146.95**	**40.55**	**0.25**	**0.110**	EOH
P98-6	-90	0.0	12.8	12.8			Casing
		12.8	98.0				See sludge
		98.00	100.20	2.2	0.02	0.002	Clay
		107	117.8	10.8	0.02	0.002	Clay- EOH
P98-7	-45	0.0	14.02	14.02			Casing
		14.02	78.05	64.03	0.02	0.002	Hole lost

SUMMARY OF 1997 CORE DRILLING RESULTS

HOLE #	FROM (m)	TO (m)	INTERVAL (m)	GOLD G/t	COPPER %	Comments/geology
97-1	13.00	66.50	**53.50**	**0.45**	**0.09**	Qep, poor recovery
	66.50	90.90	24.40	0.09	0.05	poor recovery, hole lost
97-2	9.10	75.60	66.50	0.11	0.01	Da, leached, poor recovery
	75.60	157.70	**82.10**	**0.49**	**0.07**	Qep, mixed rec.,open to depth
97-3	5.30	10.80	5.50	0.07	0.02	Da, leached, mixed recovery
	10.80	32.00	**21.20**	**0.31**	**0.05**	"

HOLE #	FROM (m)	TO (m)	INTERVAL (m)	GOLD g/t	COPPER %	Comments/geology
97-3	32.00	52.10	20.10	0.16	0.05	"
	52.10	64.50	**12.40**	**0.77**	**0.06**	"
	64.50	70.70	6.20	0.04	0.03	Dike
	70.70	91.70	**21.00**	**0.52**	**0.22**	Qep, mixed recovery
	91.70	96.00	4.30	0.06	0.04	Qep
	96.00	102.00	6.00	0.18	0.14	"
	102.00	114.00	12.00	0.14	0.07	"
	114.00	155.00	41.00	0.13	0.10	Qep, mixed recovery
	155.00	164.90	9.90	0.05	0.06	Qep, poor recovery, hole lost
97-4	19.30	38.40	19.10	0.14	0.06	Da, leached, mixed recovery
	38.40	74.00	**35.60**	**0.31**	**0.13**	Qep, mixed recovery
	74.00	75.30	**1.30**	**215.90**	**0.32**	Qep, Sphalerite, bornite- cp, hematite, good rec.
	75.30	90.70	15.40	0.08	0.01	Dike
	90.70	150.00	**59.30**	**0.49**	**0.14**	Qep, mixed recovery
	150.00	156.00	**6.00**	**19.17**	**0.26**	Qep, bornite-hematite, good rec.
	156.00	166.80	**10.80**	**0.51**	**0.15**	Qep, quartz stockwork, good rec.
	166.80	168.40	**1.60**	**4.36**	**0.17**	Qep, quartz stockwork, good rec.
	168.40	192.40	**24.00**	**0.38**	**0.19**	Qep, quartz stockwork-open to depth
97-5	4.30	11.30	**7.00**	**0.58**	**0.08**	Da, quartz stockwork, good rec.
	11.30	32.10	20.80	0.02	0.00	Qep, mixed recovery
	32.10	35.70	**3.60**	**0.32**	**0.13**	Qep, good rec.
	38.70	145.70	107.00	0.12	0.04	QepQMz-poor recovery, hole lost
97-6	22.65	76	**53.35**	**0.34**	**0.05**	QLp/Qmz, mixed recovery
	76.00	133.20	57.20	0.12	0.03	QLp/Da, mixed-good rec
97-7	7.00	89.00	**82.00**		NSV	Da, leached,poor rec., lost
97-8	12.80	126.40	113.60		NSV	Da/dike,leached,poor rec to dike
	126.40	148.40	**22.00**	**0.28**	**0.13**	Qep,quartz stockwork, good rec.
	148.40	217.00	**68.60**	**0.63**	**0.20**	Qep,quartz stockwork, gd rec.

HOLE #	FROM (m)	TO (m)	INTERVAL (m)	GOLD g/t	COPPER %	Comments/geology
97-8	217.00	273.40	**56.40**	**0.39**	**0.15**	Qep,quartz stockwork, good rec.
	273.40	299.40	26.00		NSV	Monzodiorite intrusion
	126.4	273.4	**147.0**	**0.49**	**0.17**	
97-9	18.60	36.90	18.30	0.08	0.01	Da, Qep
	39.90	56.00	**16.10**	**0.35**	**0.02**	Da, Qep
	56.00	124.00	68.00	0.18	0.01	Da, Qep
	124.00	136.00	**12.00**	**0.55**	**0.03**	Da, Qep
	136.00	163.00	**27.00**	**0.18**	**0.08**	Da, Qep
	163.00	186.60	**23.60**	**0.13**	**0.08**	
97-10	9.10	181.70	172.60		NSV	MzD
97-11	9.10	79.90	70.80	0.15	0.01	Qep/ Qmz
97-12	6.10	43.00	36.90	0.12	0.05	CLAY, Qep
	43.00	114.00	**71.00**	**0.27**	**0.09**	Broken, Qep
	114.00	166.20	**52.20**	**0.47**	**0.16**	Qep
	166.2	334.58	168.38			MzD

Qep= quartz eye porphyry
MzD= Monzodiorite
Qmz= quartz monzonite
NSV= no significant values
Da= dacite tuff

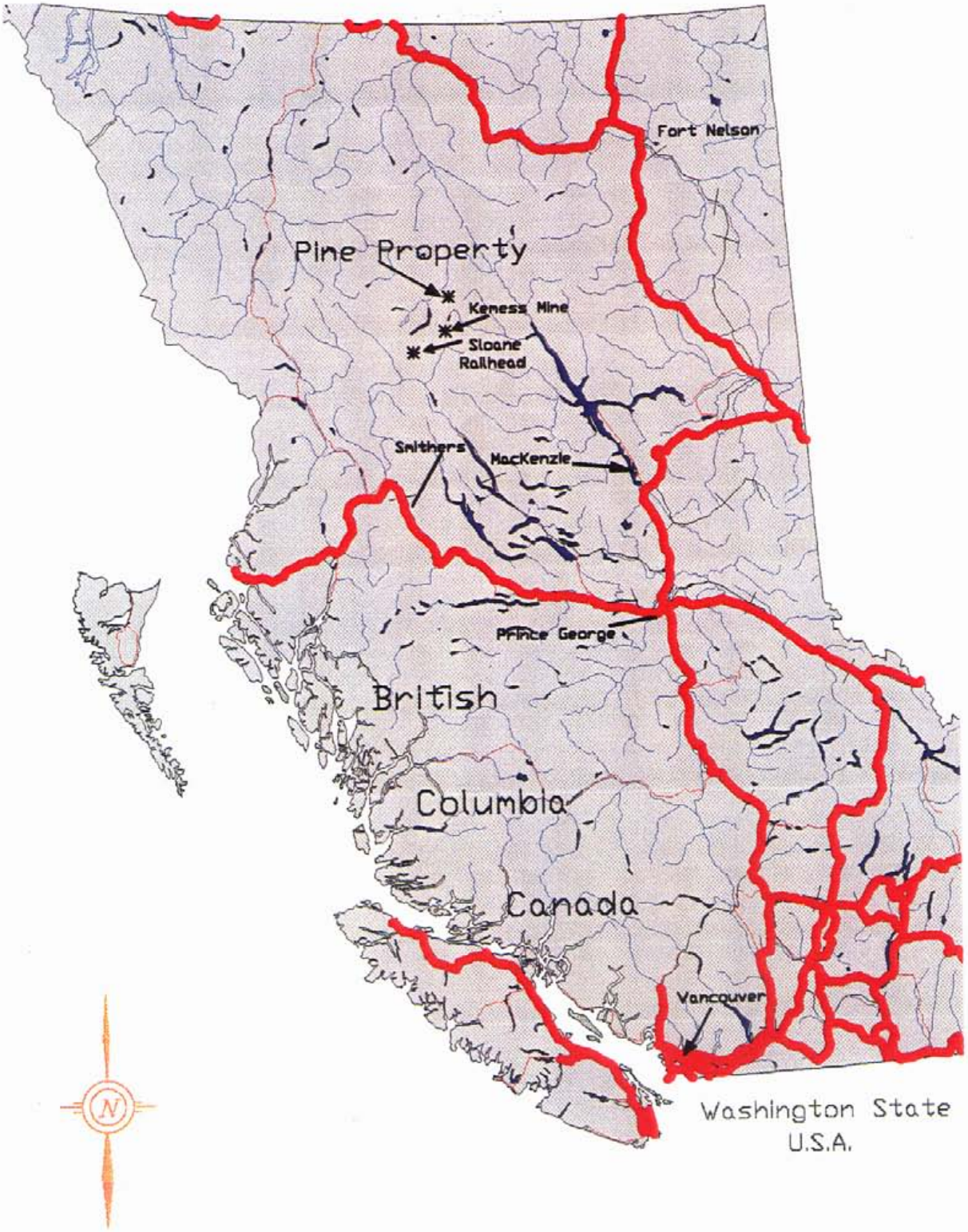
TABLE 5

SUMMARY OF 1998 SLUDGE SAMPLING RESULTS

Hole #	From (m)	To (m)	Width (m)	Au-fire g/tonne or (ppb)	ICP Ag ppm	ICP Cu ppm	ICP Zn ppm	Comments
98-1	67.96	74.05	6.09	0.04	0.9	495	455	
98-1	77.71	80.15	11.58	0.03	0.71	458	579	
98-1	95.39	98.43	3.05	0.05	0.4	324	310	
98-3	17.07	19.5	2.44	86	1.2	297	417	
98-3	19.5	22.55	**3.05**	**4568**	**3.4**	469	170	
98-3	22.55	40.84	18.28	225	0.9	616	136	
98-3	43.88	59.12	15.24	153	0.44	609	106	
98-4	3.96	31.08	27.12	146	2.81	131	680	clay
98-4	37.18	67.65	**30.47**	**648**	**2.42**	241	828	clay
98-4	73.75	119.46	**45.11**	**732**	**4.49**	489	1070	clay
98-4	125.56	134.7	**9.14**	**732**	**7.27**	860	946	
98-5	15.85	40.23	**24.38**	**411**	**2.3**	**1108**	1061	
98-5	43.27	49.37	**6.1**	**607**	**1.5**	**1488**	322	
98-5	52.42	61.56	**9.14**	**1538**	**5.6**	**1512**	643	
98-5	76.8	92.03	**15.24**	**657**	**8.4**	**1035**	584	
98-5	94.47	101.18	**6.71**	**850**	**5.56**	**1569**	361	
P98-6	12.8	98.75	85.95	14	0.89	56	170	clay
P98-7	4.88	79.85	74.97	11	0.94	23	40	clay

SUMMARY OF 1997 SLUDGE SAMPLING RESULTS

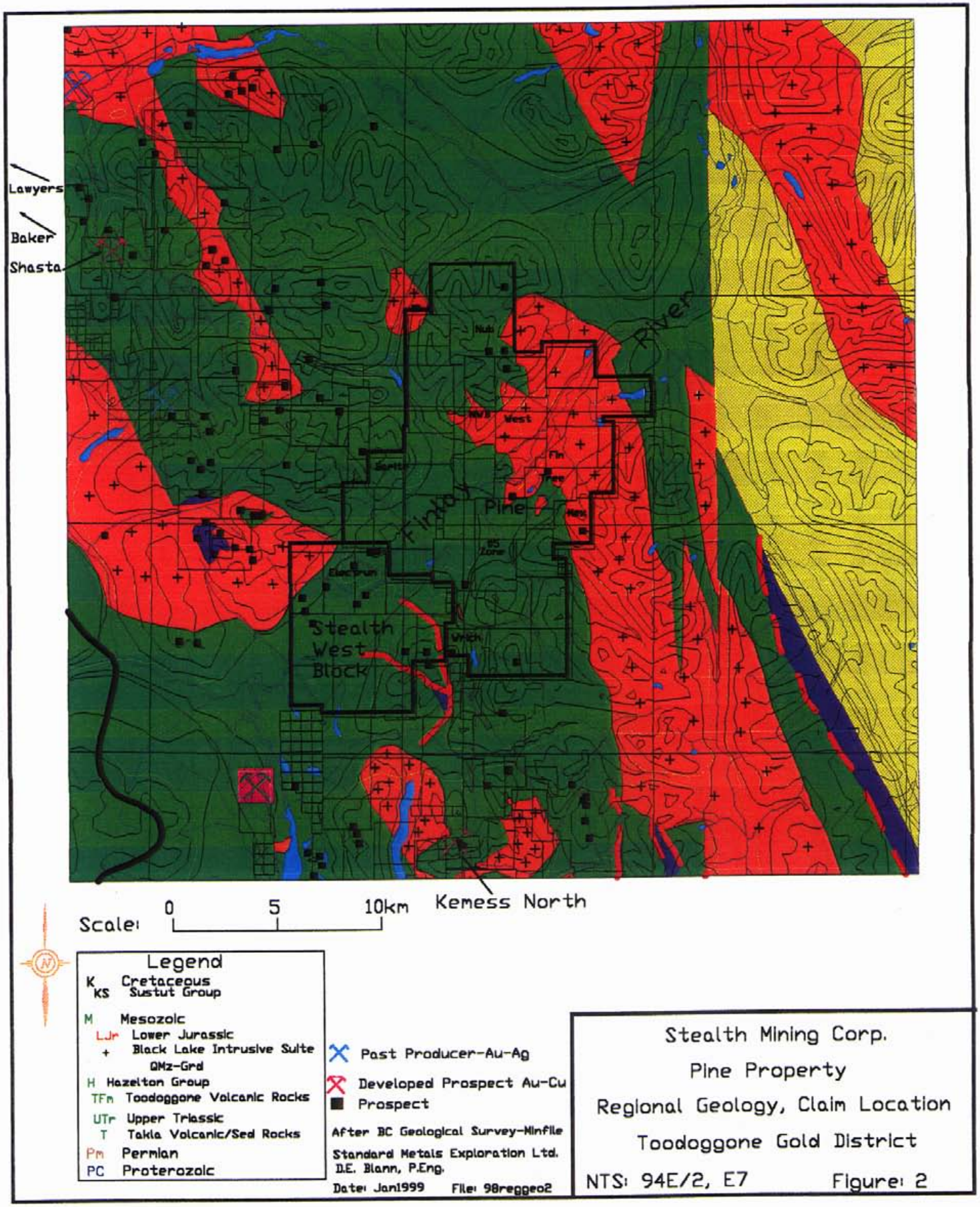
Hole	From	To	Width (m)	Cu (%)	Au (g/t)	Ag (g/t)	Zn (%)
P97-4	47.20	52.10	4.90	0.21	0.82	5.00	0.08
	73.80	113.40	25.90	0.17	1.16	4.39	0.12
	113.40	142.00	28.60	0.15	0.72	4.19	0.04
P97-5	74.40	122.50	48.10	0.03	0.16	3.47	0.14
	122.50	136.50	**14.00**	**0.08**	**0.47**	**3.02**	**0.23**
P97-6	15.20	18.90	3.70	0.04	**0.14**	**9.00**	**0.04**
	76.80	89.00	12.20	0.04	**0.16**	**6.95**	**0.20**
	89.00	95.10	6.10	0.05	**0.26**	**3.30**	**0.16**
	95.10	100.60	5.50	0.08	**0.13**	**2.50**	**0.15**
P97-7	9.80	43.30	33.50	0.01	0.02	0.10	0.08
	43.30	46.30	3.00	0.01	0.02	34.60	0.05
	46.30	76.80	33.50	0.01	0.02	0.22	0.04
	76.80	85.90	9.10	0.04	0.01	11.10	0.12
P97-8	34.10	67.70	**33.60**	0.03	0.16	**11.66**	0.09
P97-9	18.60	24.70	6.10	0.01	0.08	**4.45**	0.10
	24.70	55.20	**30.50**	0.02	**0.32**	1.73	0.07
P97-10	15.80	18.90	3.10	0.00	0.01	**6.90**	0.00
	46.30	55.50	9.10	0.01	0.01	1.87	0.01
P97-11	12.80	21.90	9.10	0.01	0.13	2.23	0.09
	21.90	43.30	**21.40**	0.02	**0.79**	**2.59**	**0.14**
	43.30	79.90	36.60	0.03	**0.14**	**5.16**	**0.07**
P97-12	6.10	18.60	12.50	0.06	0.11	**6.66**	0.03
	18.60	39.90	21.30	0.06	0.14	2.49	0.05
	39.90	88.70	**48.80**	**0.09**	0.41	2.78	0.05
	103.90	116.10	**12.20**	**0.10**	0.37	3.03	0.01
	116.10	131.40	**15.30**	**0.13**	0.56	3.30	0.03

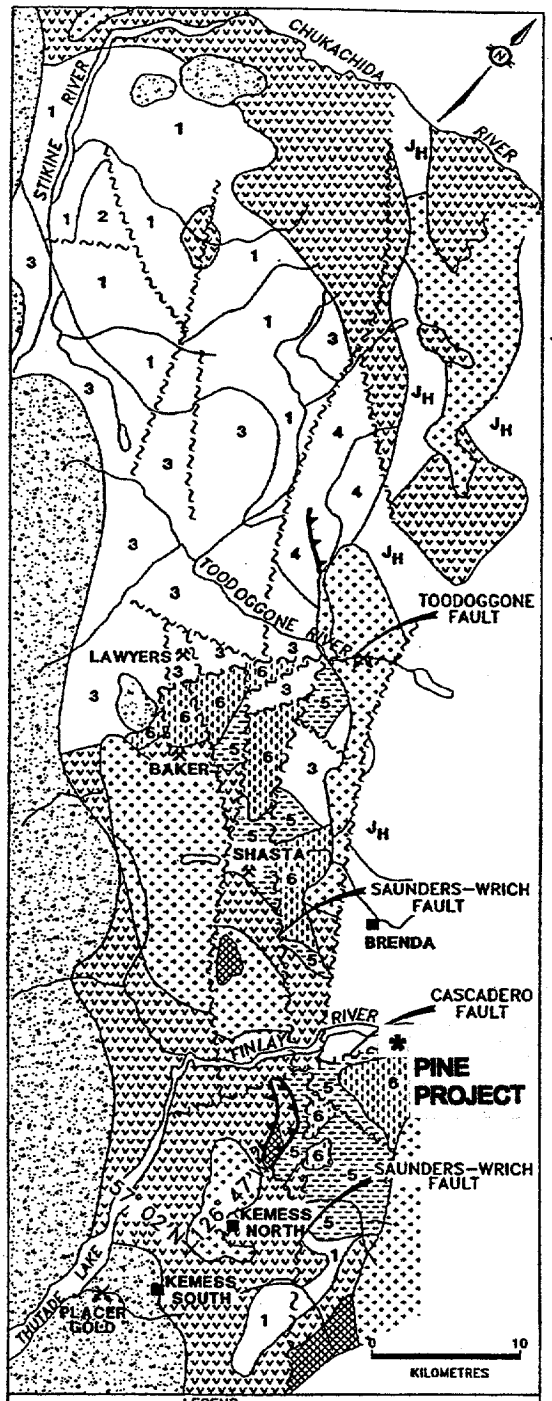


NTS: 94E.017, 94E.027
Lat: 57° 131'N Long: 126° 42'E
Omineca Mining Division
Date: Jan. 1999

Stealth Mining Corp.
Pine Project
Location

By: David E. Blann, P. Eng. Standard Metals Exploration Ltd. Fig. 1


Lawyers
Baker
Shasta
Nub
NW
West
Pin
Pine
Kinaby
River
Stealth
West
Block
Kemess North
Scale:
0
5
10km
Legend
K Cretaceous
KS Sustut Group
M Mesozoic
LJr Lower Jurassic
+ Black Lake Intrusive Suite
QMz-Grd
H Hazelton Group
TFm Toodoggone Volcanic Rocks
UTr Upper Triassic
T Takla Volcanic/Sed Rocks
Pm Permian
PC Proterozoic
Past Producer-Au-Ag
Developed Prospect Au-Cu
Prospect
After BC Geological Survey-Minfile
Standard Metals Exploration Ltd.
D.E. Blann, P.Eng.
Date: Jan1999
File: 98reggeo2
Stealth Mining Corp.
Pine Property
Regional Geology, Claim Location
Toodoggone Gold District
NTS: 94E/2, E7
Figure: 2



STEALTH MINING CORP.	
PINE PROJECT	
REGIONAL GEOLOGY	
SCALE: as shown	FILE: REGGEO.dwg
DATE: Jan 98	FIGURE: 3

Note: Figure modified after Diakow et al, 1993.

Au-Cu Zone

Quartz-Sericite-Clay

Pyrite +1%

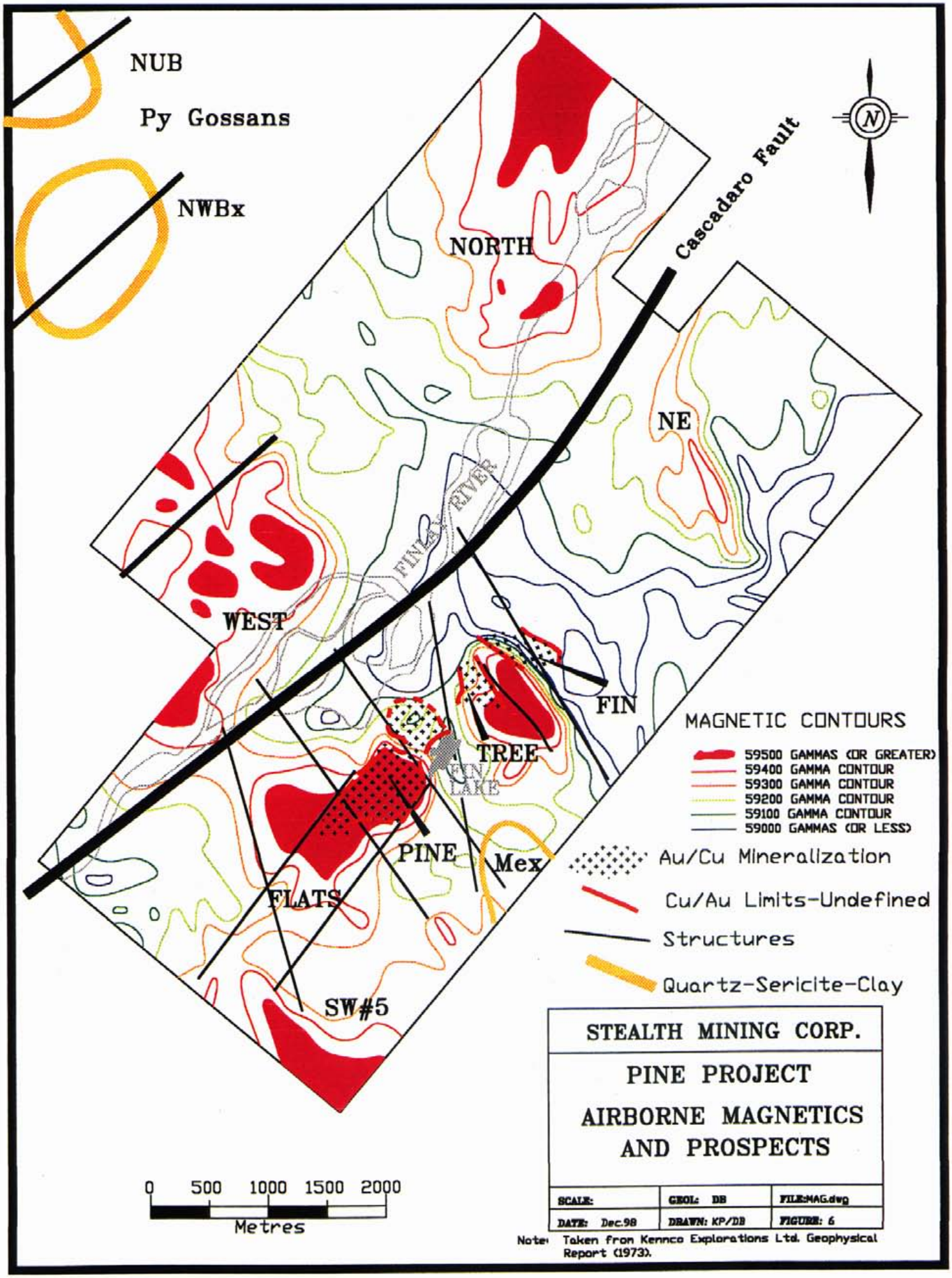
0 1.0 2.0km

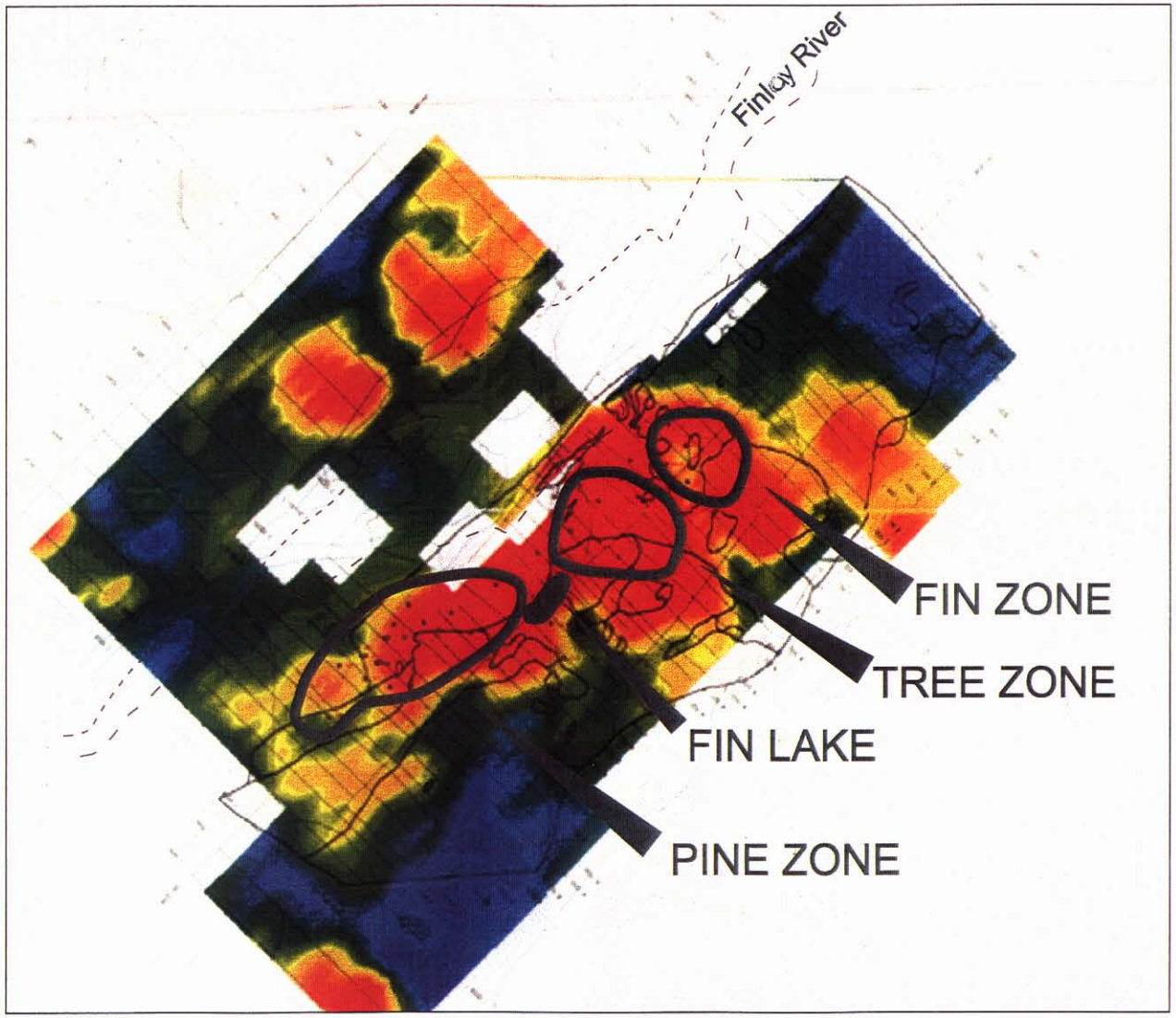
Scale: (Appx)

D.E.Blann, Jan 1999

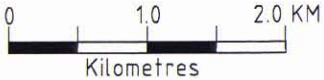
Stealth Mining Corp.
Pine Property
Airphoto Mosaic
Gold-Copper Zones

Fig. 4


NUB
Py Gossans
NWBx
NORTH
Cascadaro Fault
N
NE
FINLAY RIVER
WEST
FIN
TREE
FIN LAKE
PINE
Mex
FLATS
SW#5
MAGNETIC CONTOURS
59500 GAMMAS (OR GREATER)
59400 GAMMA CONTOUR
59300 GAMMA CONTOUR
59200 GAMMA CONTOUR
59100 GAMMA CONTOUR
59000 GAMMAS (OR LESS)
Au/Cu Mineralization
Cu/Au Limits-Undefined
Structures
Quartz-Sericite-Clay
0 500 1000 1500 2000
Metres
STEALTH MINING CORP.
PINE PROJECT
AIRBORNE MAGNETICS AND PROSPECTS
SCALE:
GEOL: DB
FILE:MAG.dwg
DATE: Dec.98
DRAWN: KP/DB
FIGURE: 6
Note: Taken from Kennco Explorations Ltd. Geophysical Report (1973).



YELLOW AND RED AREAS INDICATE ANOMALOUS CHARGABILITY



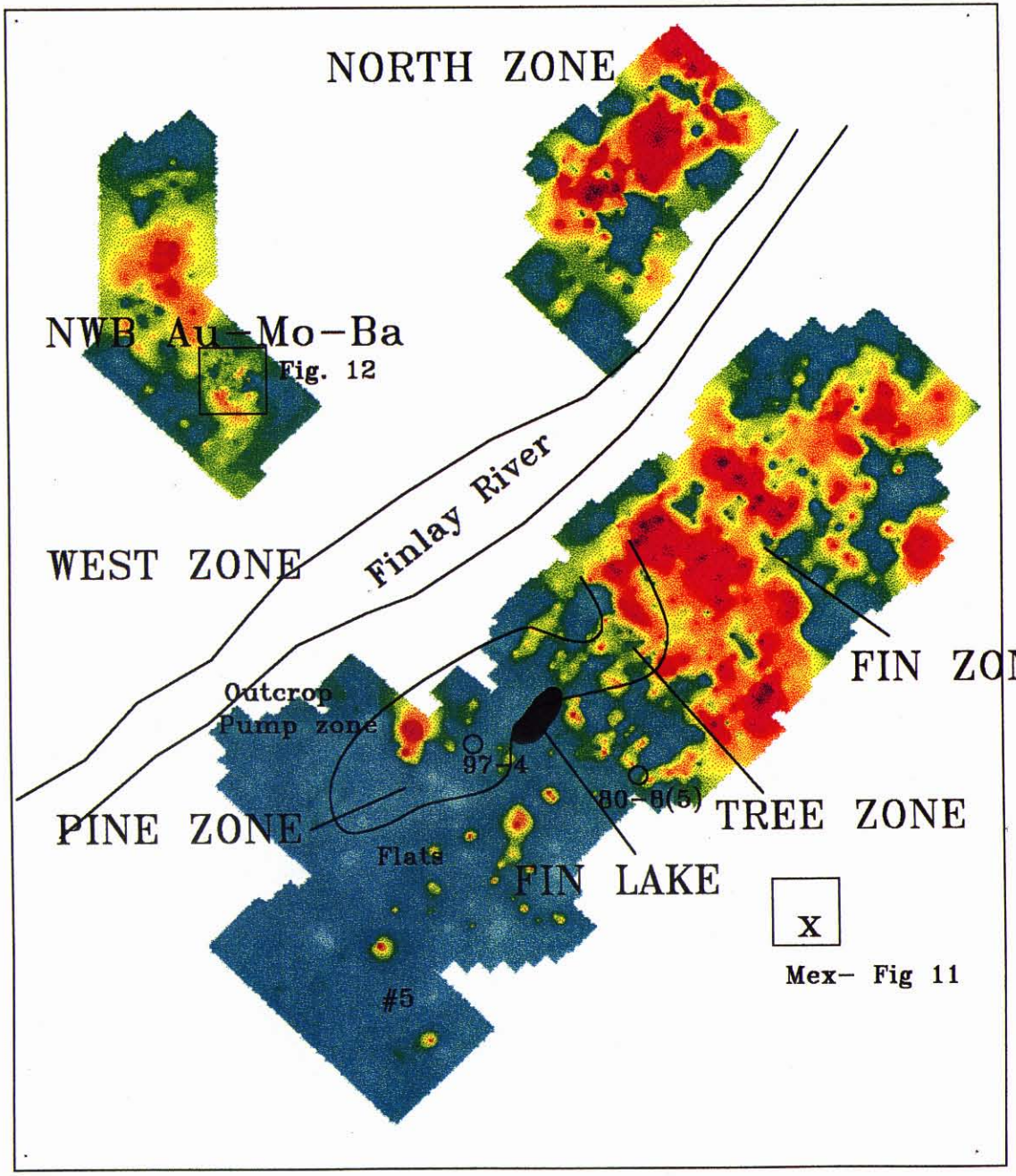
STEALTH MINING CORP.

PINE PROJECT

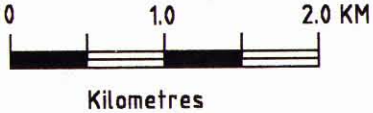
I.P. CHARGABILITY

SCALE:	GEOL: D.B.	FILE: IP-map.dwg
DATE: Jan. 97	DRAWN: KP/DB	FIGURE: 7.

×Colour plot provided by Electrum Resources

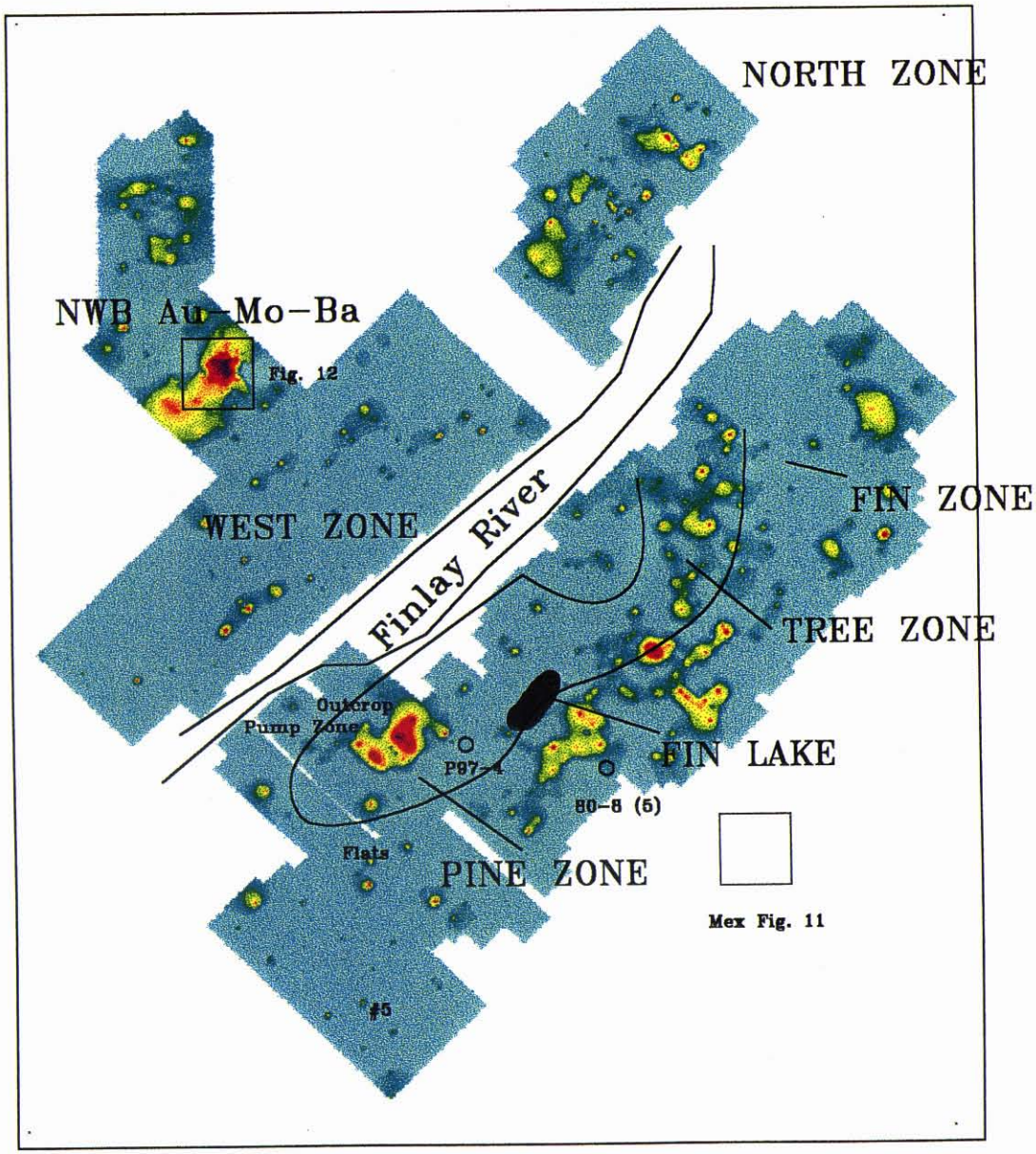


YELLOW AND RED AREAS INDICATE ANOMALOUS COPPER IN SOIL.

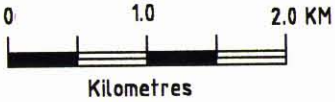


STEALTH MINING CORP.		
PINE PROJECT COPPER GEOCHEMISTRY		
SCALE:	GEOL: DB	FILE: Cu-soil.dwg
DATE: Jan. 98	DRAWN: DB	FIGURE: 9.

*Colour plot provided by Electrum Resources

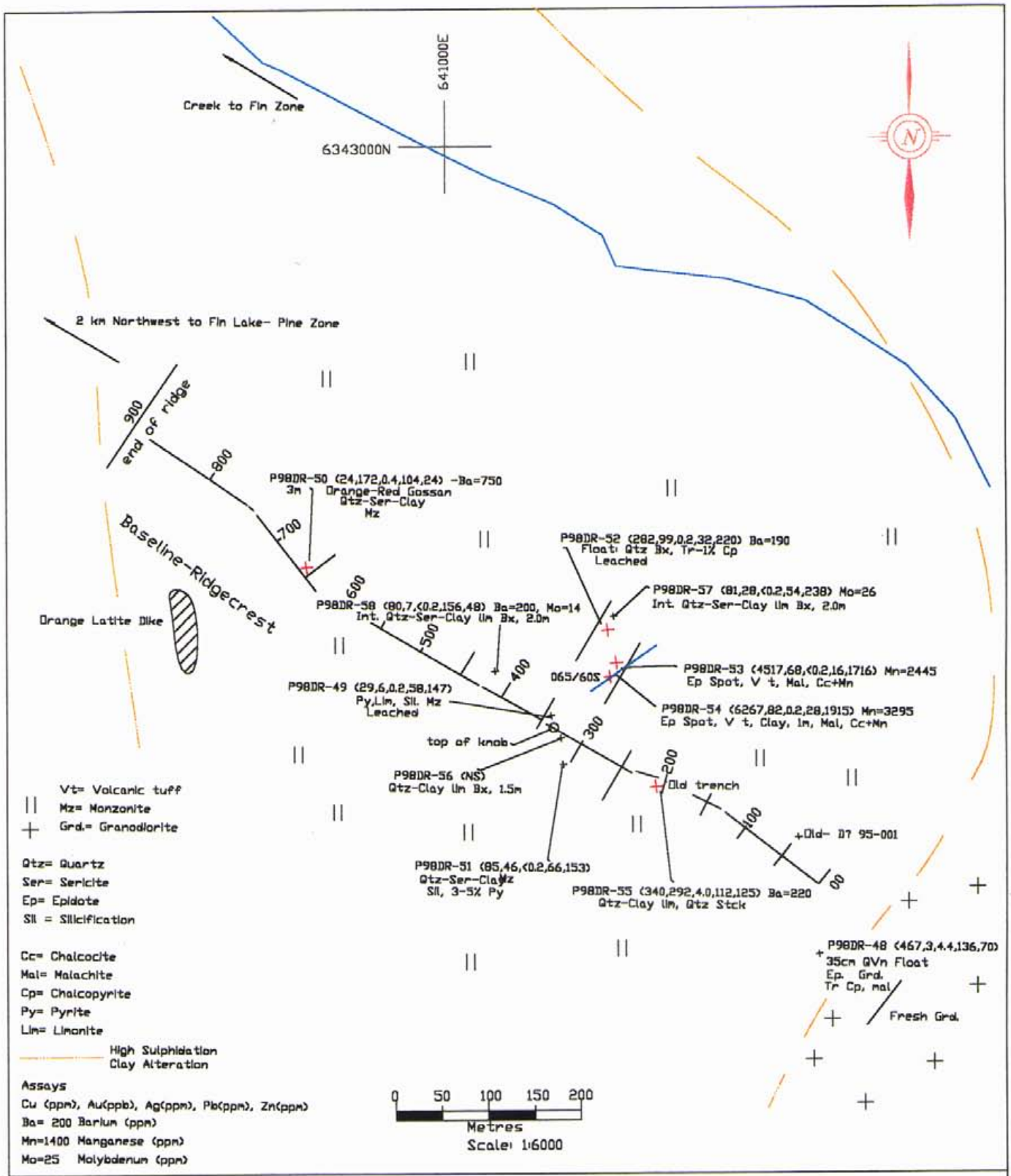


YELLOW AND RED AREAS INDICATE ANOMALOUS GOLD IN SOIL.



STEALTH MINING CORP.		
PINE PROJECT GOLD GEOCHEMISTRY		
SCALE:	GEOL: DB	FILE: Au-soil.dwg
DATE: Jan. 99	DRAWN: KP DB	FIGURE: 10

*Colour plot provided by Electrum Resources

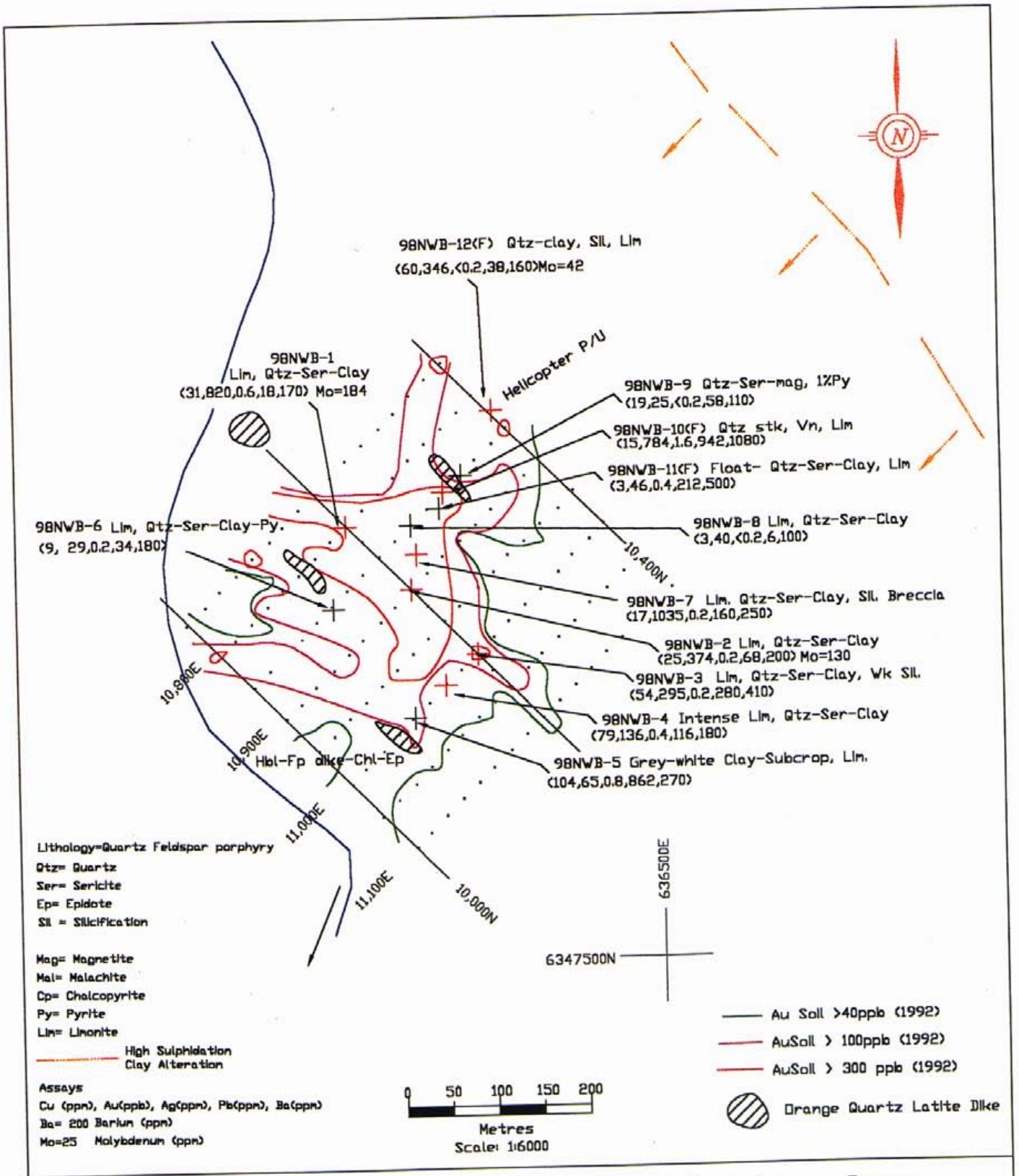


NTS: 94E.017, 94E.027
Lat: 57° 131'N Long: 126° 42'E
Omineca Mining Division
Date: Jan 1999

Stealth Mining Corp.
1998 Mex Sample Locations

Drawn By: D.E. Blann, P. Eng. Standard Metals Exploration Ltd.

Fig. 11.



NTS: 94E.017, 94E.027
Lat: 57° 131'N Long: 126° 42'E
Omineca Mining Division
Date: Jan 1999

Stealth Mining Corp.
1998 NWB Sample Locations

Drawn By: D.E. Blann, P. Eng. Standard Metals Exploration Ltd.

Fig. 12

Diamond Drill Log

Company: Stealth Mining Corp.
Project: Pine
Core logged by David Blann, P. Eng.
Date: July, 1998

HOLE: P97-12a con't

Northing	
Easting	
Elevation	

		Azimuth	Dip
	Collar	270°	-45°
EOH	334.6	270°	-45°

ALTN SCALE: 1----5 MAX

Depth (m) from	Depth (m) to	Description	ROCK CODE	% Py	% Cp	Chl-Ep	Ca	Gyp Anh	2^S	2^K	2^M	2^Q	Sample Number	Interval (m) from	Interval (m) to	Cu %	Au g/t
166.9	171.2	Latite Dike: Orange, fine grained sparse feldspar phenocrysts,	7500	0.1	0	2	3	3	3	0	0	0					
		rare mafics, orange-grey matrix. Moderately fractured, filled by															
		(chlorite)-sericite-epidote-calcite. C.A. 30 - 45°.															
171.2	201.0	Monzodiorite: Orange-grey, medium grained packed to crowded	5212	1	0.2	2	0	3	3	-	3	1					
		feldspar porphyry with 20% mafics (hornblende). Zoned															
		plagioclase phenocrysts moderately sericitic. Mafics replaced															
		by (chlorite)-epidote-sericite. Weak to moderate brecciation,															
		pyrite trace to 2% locally, dominantly fracture controlled.															
		Weak to moderately fractured, 0.1 - 1 cm, 30 - 50/m, mostly															
		filled by gypsum and zeolite? Veinlets of quartz and quartz-															
		sericite, 0.2 - 1 cm, 1 - 5/m, C.A. 10 - 30°. Contains pyrite,															
		chalcopyrite, trace sphalerite, galena and magnetite-hematite															
		(and specularite). Very fine grained chalcopyrite replaces															
		sericite in matrix.															
		184.8 - 185.0 m Massive gypsum vein breccia gypsum veinlets															
		locally contain chalcopyrite-sphalerite.															
201.0	228.0	Latite Dike: Orange, fine grained, plagioclase-hornblende	7512	0.1	0	2	2	2	3	0	3	0					
		porphyritic. Zoned white-orange stained plagioclase, sericite-															
		epidote-magnetite / hematite replacing hornblende. Weakly															
		fractured, brecciated, filled with calcite-sericite+/-chlorite-															
		epidote-clay. Top contact irregular, bottom C.A. 60° sharp.															
228.0	269.0	Monzodiorite: Orange-grey, medium grained, feldspar-	5212	2	0.2	2	0	3	4	1	2	1					
		hornblende porphyritic. Plagioclase phenocrysts 70%, cloudy,															
		zoned, stained orange, hornblende 10%, 95% replaced by															
		sericite-epidote-magnetite (part hematite). Minor zenoliths															
		strong pervasive sericite, weak magnetite in matrix. Strongly															

Diamond Drill Log

HOLE: P97-12a

Company: Stealth Mining Corp.
Project: Pine
Core logged by David Blann, P. Eng.
Date:July, 1998

ALTN SCALE: 1----5 MAX

Depth (m) from	Depth (m) to	Description	ROCK CODE	% Py	% Cp	Chl-Ep	Ca	Gyp Anh	2^S	2^K	2^M	2^Q	Sample Number	Interval (m) from	Interval (m) to	Cu %	Au g/t
		fractured, filled by two stage saussurite-sericite-clay, cut by															
		anhydrite veins, 0.1 - 1 cm, 20/m. Locally well brecciated,															
		pyrite-chalcopyrite replacing sericite-magnetite. Increasing															
		clay alteration down section.															
269.0	304.2	Monzodiorite: Dark orange-red-black, medium grained, strongly	5212	0.3	0	4	3	2	3	1	1	0					
		plagioclase-phyric in a fine grained matrize of chlorite-epidote-															
		calcite. Weak to moderately fractured, filled by chlorite-epidote-															
		sericite-anhydrite-calcite, minor pyrite, trace chalcophyrite.															
		294.0 - 298.5 m Strongly broken core.															
		302.0 - 304.0 m 3% pyrite, 0.3% chalcopyrite, moderate															
		magnetite.															
		Lower contact C.A. 70° sharp.															
304.2	327.6	Monzodiorite: Grey, medium grained, hornblende-feldspar	5212	1	0.1	1	1	2	3	1	2	0					
		porphyry. 70% 3mm euhedral, zoned plagioclase. Packed															
		very fine K-feldspar intersitial (10 - 20%). Bleached sericite-															
		clay-plagioclase, hornblende altered to chlorite-sericite-															
		magnetite. Pyrite replaces sericite-clay. Local zenoliths.															
		Anhydrite veinlets 0.1 - 1 cm, 2 - 20/m. Unit is massive,															
		weakly broken. Lower contact C.A. 90°.															
327.6	334.6	Monzonite / Monzodiorite: Similar to above but more K-feldspar.	5312	1.5	0.1	2	0	3	3	2	3	1					
		Grey-orange, fine grained, hornblende-feldspar porphyry.															
		60% plagioclase-sericitic-clay. Hornblende altered to sericite-															
		(chlorite)-magnetite. Hematite altered to magnetite. Weak to															
		moderately fractured, filled by quartz-sericite, anhydrite-															
		(zeolite?), pyrite, trace chalcopyrite, magetite-hematite.															
		Some anhydrite veinlets have K-feldspar selvage. Weak															

Diamond Drill Log

HOLE: P97-12a

Company: Stealth Mining Corp.
Project: Pine
Core logged by David Blann, P. Eng.
Date:July, 1998

ALTN SCALE: 1----5 MAX

Depth (m)		Description	ROCK	%	%	Chl-	Ca	Gyp	2^S	2^K	2^M	2^Q	Sample	Interval (m)		Cu	Au
from	to		CODE	Py	Cp	Ep		Anh					Number	from	to	%	g/t
		brecciation. May be getting back into copper zone.															
		E.O.H. 334.6 m															

Diamond Drill Log

Company: Stealth Mining Corp.
Project: Pine
Core logged by David Blann, P. Eng.
Date: July, 1998

HOLE: P98-1

Northing	33087
Easting	13035
Elevation	1093 m

		Azimuth	Dip
	Collar	270°	- 75°
EOH	119.82	270°	- 75°

ALTN SCALE: 1---5 MAX

Depth (m) from	Depth (m) to	Description	ROCK CODE	% Py	% Cp	Chl-Ep	Ca	Gyp Anh	2^S	2^K	2^M	2^Q	Sample Number	Interval (m) from	Interval (m) to	Cu %	Au g/t
0	12.2	Casing															
12.3	35.37	Quartz latite porphyry/quartz monozonite, dark grey-black-orange	5322	3	0.3	1	3	0	4	3	4	3	291701	20.43	21.95	0.099	0.18
		fine grained quartz phyric/porphyritic, in a bleached, sericite-											291702	21.95	23.48	0.083	0.10
		magnetite +/- calcite +/- clay matrix. Weak quartz stockwork and											291703	23.48	24.39	0.131	0.28
		weak to strong silicification. Quartz veins 0.1 - 0.5 cm 5 - 25/m,											291704	24.39	25.61	0.083	0.17
		C.A. 0 - 75°. Veins contain pyrite-magnetit-chalcopyrite,											291705	25.61	26.83	0.112	0.11
		maybe trace sphalerite. Zones of brecciation and failt gouge.											291706	26.83	28.05	0.078	0.14
		Locally, calcite-hematite-clay on late fractures.											291707	28.05	28.96	0.103	0.17
		26.3 - 26.7 fault gouge C.A. 25°											291708	28.96	30.49	0.068	0.22
		29.3 - 30.7 Brecciation, clay and hematite, non-magnetic											291709	30.49	32.01	0.050	0.14
		Core intensely broken and ground up to 26.5 m, then moderately to											291710	32.01	33.23	0.046	0.08
		strongly broken.											291711	33.23	33.84	0.053	0.09
													291712	33.84	35.60	0.054	0.11
35.37	37.4	Latite dike: orange-brown, very fine grained, uniform micro feldspar	7512	0.2	0	1	1	0	2	0	0	0	291713	35.60	37.40	0.002	0.01
		porphyritic. Top contact C.A. 10-20°, bottom irregular											291714	37.40	38.72	0.112	0.30
													291715	38.72	40.24	0.128	0.34
37.4	44.5	Quartz latite porphyry, quartz monzonite. Dark grey-orange, fine											291716	40.24	41.46	0.190	0.39
		grained, quartz (and feldspar) porphyritic/phyric. moderate to strong											291717	41.46	42.07	0.137	0.27
		quartz-stockwork, 0.25 - 0.5 cm with chalcopyrite-pyrite-											291718	42.07	43.29	0.105	0.26
		magnetite vein selvages and envelopes contain K-feldspar-quartz-											291719	43.29	43.90	0.110	0.28
		magnetite replacing mafics and sericite replacing plagioclase,											291720	43.90	44.50	0.101	0.25
		magnetite weakly altered to hematite, chalcopyrite-pyrite											291721	44.50	47.00	0.035	0.06
		replace magnetite and sericite, core stongly broken - gravel.											291722	47.00	50.00	0.036	0.06
													291723	50.00	53.00	0.035	0.08
44.5	59.6	Monzodiorite: grey, meduim grained, hornblende-feldspar packed											291724	53.00	56.00	0.024	0.07
		porphyry. euhedral plagioclase 70%, cloudy, weakly zoned,											291725	56.00	59.00	0.034	0.03
		replaced by sericte (~30-50%). Hornblende 10% replaced by											291726	59.00	59.60	0.052	0.03
		sericite-magnetite.											291727	68.30	71.00	0.054	0.04

Diamond Drill Log

Company: Stealth Mining Corp.
Project: Pine
Core logged by David Blann, P. Eng.
Date: July, 1998

HOLE: P98-1

Northing	33087
Easting	13035
Elevation	1093

		Azimuth	Dip
	Collar	270°	- 75°
EOH	119.82		

ALTN SCALE: 1----5 MAX

Depth (m) from	Depth (m) to	Description	ROCK CODE	% Py	% Cp	Chl-Ep	Ca	Gyp Anh	2^S	2^K	2^M	2^Q	Sample Number	Interval (m) from	Interval (m) to	Cu %	Au g/t
		Quartz veins 0.1 - 0.25 cm, irregular, and cut by later veining											291729	74.00	77.00	0.036	0.04
		Contain pyrite-chalcopyrite-magnetite, 1 - 10/m, subparallel											291730	77.00	78.96	0.038	0.06
		to 80° to C.A. Abundant late calcite epidote hairline veinlets											291731	78.96	79.88	0.038	0.02
		orange staining and epidote-calcite increase down section,											291732	79.88	81.71	0.043	0.01
		approaching dike. Core moderate to intensely broken.											291733	81.71	82.93	0.051	0.02
													291734	82.93	84.60	0.047	0.04
59.6	68.3	Latite Dike: orange, fine grained uniform finely feldspar porphyritic,	7512	0.1	0	3	1	1	3	0	0	0	291735	84.60	85.98	0.026	0.03
		minor (<5%) mafics. Top contact 30° C.A., baked, clay epidote											291736	85.98	86.74	0.053	0.02
		altered, fragments of wallrock ~1 m.											291737	86.74	87.50	0.048	0.03
		Bottom contact sharp C.A. 10°.											291738	87.50	88.56	0.034	0.02
													291739	88.56	89.94	0.034	0.04
68.3	119.82	Monzodiorite: grey, medium grained, hornblende-feldspar	5212	1.5	0.2	2	1	1	3	1	3	1	291740	89.94	90.70	0.013	0.01
		packed porphyry, As for 44.5 - 59.6. Quartx veins 0.1 - 0.5 cm											291741	90.70	92.22	0.041	0.04
		1 - 5/m, with pyrite>>chalcopyrite, magnetite sericite, subparallel											291742	92.22	95.00	0.037	0.07
		to 40° C.											291743	95.00	98.00	0.044	0.12
		Moderate to strongly broken core.											291744	98.00	101.00	0.035	0.04
		77.7 - 78.96 weakly altered grey croweded feldspar porphyry											291745	101.00	104.00	0.062	0.03
		@82.0 - 1 cm shear 1 m - hematite-pyrite -tr sphalerite											291746	104.00	107.00	0.050	0.08
		@92.0 - 1 cm shear, 50 cm hematite-sphalerite-pyrite C.A. 20o											291747	107.00	110.00	0.072	0.08
		@94-95 m - vuggy quartz veins and weak stockwork											291748	110.00	113.00	0.037	0.10
		@95-96 m - epidote vein subparallel C.A., 0.5 cm wide.											291749	113.00	116.00	0.028	0.09
		@99.7-112 m - weak quartz stockwork-epidote											291750	116.00	118.00	0.050	0.05
		@111.0- 112 m - grey feldspar porphyry with pyrite veinlets, no											291751	118.00	119.82	0.008	0.01
		quartz or K-feldspar															
		@117-119.82 m - moderate epidote, strong K-feldspar in matrix,															
		pyrite 1%															
		EOH 119.82															

Diamond Drill Log

Company: Stealth Mining Corp.
Project: Pine
Core logged by David Blann, P. Eng.
Date: July, 1998

HOLE: P98-2

Northing	32954
Easting	12905
Elevation	1093 m

		Azimuth	Dip
	Collar	270 °	- 60 °
EOH	245.73	270 °	- 60 °

ALTN SCALE: 1----5 MAX

Depth (m) from	Depth (m) to	Description	ROCK CODE	% Py	% Cp	Chl-Ep	Ca	Gyp Anh	2^S	2^K	2^M	2^Q	Sample Number	Interval (m) from	Interval (m) to	Cu %	Au g/t
0.0	17.07	Casing: Sand, gravel, boulders															
17.07	38.15	Latite Dike: Orange, fine grained, hornblende-feldspar	7512	0	0	3	1	0	2	0	2	0	291752	63.80	67.68	0.030	0.20
		porphyritic. Weak to moderately magnetic. Massive, weakly											291753	67.68	70.73	0.063	0.15
		broken with calcite+/-zeolite filled fractures.											291754	70.73	71.65	0.097	0.22
		23.8 - 24.8 m Strongly broken, minor clay.											291755	71.65	73.32	0.052	0.34
		24.8 - 27.4 m Light pink-grey matrix.											291756	73.32	75.00	0.035	0.12
		27.4 - 38.15 m Orange dike (as 17.07 - 24.8 m)											291757	75.00	77.89	0.034	0.12
		Increasing fractures clay, bleaching down section. Bottom											291758	77.89	79.27	0.049	0.16
		contact 60° sharp. 1 cm epidote, clay.											291759	79.27	80.18	0.050	0.23
													291760	80.18	80.79	0.070	0.75
38.15	63.8	Quartz-Hornblende-Feldspar Porphyritic Monzodiorite / Dacite	5222	0.1	0	1	1	1	3	2	3	1	291761	80.79	82.62	0.071	0.79
		Porphyry: Grey-pinkish, fine grained matrix of plagioclase-											291762	82.62	83.23	0.091	0.61
		K-feldspar with 10% quartz phenocrysts - subrounded 2 - 3 mm,											291763	83.23	84.76	0.101	0.55
		10 - 20% hornblende, 30% feldspar phenocrysts to 6 mm.											291764	84.76	85.82	0.143	0.52
		Massive, uniform texture, local zenoliths of digested fine											291765	85.82	87.35	0.127	0.14
		grained volcanics? Moderate pervasive sericite-magnetite											291766	87.35	89.02	0.105	0.42
		alteration, locally stronge chlorite-epidote and pink dusty											291767	89.02	90.39	0.118	0.43
		zeolite and calcite in fractures.											291768	90.39	91.16	0.062	0.18
		Hbl to (B) to Mag to Ser											291769	91.16	92.68	0.063	0.13
		Bottom contact C.A. 70° sharp.											291770	92.68	94.51	0.060	0.20
													291771	94.51	95.88	0.056	0.16
63.8	94.51	Volcanics - Quartz Latite / Dacite Welded Tuff: Grey, fine	3412	7	0.2	1	1	1	3	1	3	3	291772	96.80	98.48	0.114	0.44
		grained intense pervasive quartz-sericite-clay, and zones											291773	98.48	100.15	0.127	0.34
		of magnetite. Intensely broken core, strong fracturing filled											291774	100.15	101.52	0.092	0.25
		by sericite-pyrite-quartz-calcite-zeolite. Chalcopyrite replaces											291775	101.52	102.44	0.093	0.31
		magnetite-sericite-quartz. Weak K-feldspar but increasing											291776	102.44	103.20	0.127	0.33
		down section.											291777	103.20	103.75	0.130	0.49
		79.27 - 80.18 m Fault zone - mylonitic, black-grey gouge 50 cm											291778	103.75	107.32	0.108	0.38

Diamond Drill Log

HOLE: P98-2

Company: Stealth Mining Corp.
Project: Pine
Core logged by David Blann, P. Eng.
Date: July, 1998

ALTN SCALE: 1----5 MAX

Depth (m) from	Depth (m) to	Description	ROCK CODE	% Py	% Cp	Chl-Ep	Ca	Gyp Anh	2^S	2^K	2^M	2^Q	Sample Number	Interval (m) from	Interval (m) to	Cu %	Au g/t
		with pyrite, chalcopyrite, galena, (sphalerite?) and mineralized											291779	107.32	110.37	0.053	0.09
		heterolithic wallrock. C.A. 80°. Wallrock intensely silicified											291780	110.37	113.41	0.056	0.06
		with quartz veins-chalcopyrite-galena/sphalerite.											291781	113.41	116.46	0.087	0.17
		85.82 - 94.51 m Intense crushing, brecciation, quartz-sericite-											291782	116.46	119.51	0.083	0.18
		clay, gouge, silicification. C.A. 80°, 45°, 30°.											291783	119.51	122.56	0.086	0.26
													291784	122.56	125.61	0.092	0.31
94.51	96.8	Sand cave / gravel.											291785	125.61	128.66	0.094	0.22
													291786	128.66	131.00	0.084	0.28
96.8	157.62	Quartz Latite Porphyry / Quartz Monzonite: Orange-grey, fine	3511	4	0.2	1	1	1	4	2	2	3	291787	131.00	134.00	0.069	0.44
		grained, weakly quartz porphyritic. Strongly fractured, filled	(5321)										291788	134.00	137.00	0.076	0.43
		by quartz-sericite-pyrite+/-chalcopyrite. Minor calcite, gypsum,											291789	137.00	140.00	0.053	0.15
		zeolite (moderate). Weak quartz stockwork, moderate to											291790	140.00	143.00	0.066	0.27
		strong brecciation. C.A. 20°, 45°, 80°, crosscutting veinlets											291791	143.00	146.00	0.074	0.16
		of quartz and/or pyrite+/-chalcopyrite, 0.1 - 0.3 cm.											291792	146.00	149.00	0.094	0.26
		At 128.66 m - End of broken zone. Sharp. Rock has clasts											291793	149.00	152.00	0.081	0.23
		of slightly different composition (quartz diorite, quartz monzonite)											291794	152.00	153.50	0.122	0.25
		and gradational zones of strong to weak magnetite (as 97-9).											291795	153.50	155.50	0.137	0.97
		Rock may be quartz-latite welded tuff (breccia?)											291796	155.50	157.62	0.089	0.16
		Quartz-K-feldspar content increasing down section.											291797	157.62	159.50	0.006	0.01
		145.0 - 146.2 m Several 2 - 10 cm quartz-sericite-clay-pyrite											291798	159.50	161.00	0.009	0.10
		veins cut K-feldspar-quartz matrix, C.A. 50 - 80°.											291799	161.00	164.00	0.102	0.10
		149.0 - 153.5 m Increasing brecciation, silicification quartz											291800	164.00	167.00	0.126	0.12
		stockwork.											300001	167.00	170.00	0.141	0.19
		153.5 - 155.5 m Intense quartz flooding, anhydrite-quartz vein.											300002	170.00	173.00	0.107	0.18
		Vein is brecciated with quartz-anhydrite matrix, pyrite,											300003	173.00	176.00	0.107	0.11
		chalcopyrite dissemnated.											300004	176.00	179.00	0.109	0.12
													300005	179.00	182.00	0.078	0.15
157.62	159.5	Andesite Dike: Dark green-black, fine grained, highly magnetic.	7600	0	0	3	1	1	3	0	3	0	300006	182.00	185.00	0.082	0.08
		Top contact sharp C.A. 70°.											300007	185.00	188.00	0.115	0.26

Diamond Drill Log

HOLE: P98-2

Company: Stealth Mining Corp.
Project: Pine
Core logged by David Blann, P. Eng.
Date: July, 1998

ALTN SCALE: 1---5 MAX

Depth (m) from	Depth (m) to	Description	ROCK CODE	% Py	% Cp	Chl-Ep	Ca	Gyp Anh	2^S	2^K	2^M	2^Q	Sample Number	Interval (m) from	Interval (m) to	Cu %	Au g/t
159.5	225.91	Orange-brown Quartz Latite Porphyry Welded Tuff Breccia /	3512	3	0.3	2	2	3	3	4	2	3	300008	188.00	191.00	0.127	0.26
		Quartz Monzonite: Quartz phenocrysts 1 - 3 mm, 20%,	(5321)										300009	191.00	194.00	0.088	0.13
		K-feldspar 65% replacing plagioclase. Moderate quartz											300010	194.00	197.00	0.081	0.15
		stockwork, anhydrite, zeolite. Fine grained chalcopyrite											300011	197.00	198.00	0.153	0.36
		replacing sericite-quartz-magnetite. Moderate to strong											300012	198.00	201.00	0.130	0.19
		silicification, quartz flooding, crackle stockwork filled with											300013	201.00	204.00	0.153	0.29
		pyrite +/- chalcopyrite.											300014	204.00	207.00	0.148	0.23
		At 162.1 m - 15 cm Andesite-basalt dike.											300015	207.00	210.00	0.151	0.35
		At 207 m - 35 cm Andesite-basalt dike, C.A. 50°.											300016	210.00	213.00	0.165	0.32
		189 - 194 m Moderately broken, white clay on fractures, 1 cm											300017	213.00	216.00	0.170	0.16
		grey quartz vein subparallel core.											300018	216.00	219.00	0.202	0.49
		197.15 - 197.40 m 12 - 15 cm white-grey quartz vein,											300019	219.00	222.00	0.116	0.25
		brecciated with pyrite-chalcopyrite, trace molybdenite, sphallerite											300020	222.00	225.00	0.139	0.35
		and galena?. Strong epidote-quartz-sericite clay at top contact,											300021	225.00	225.91	0.140	0.19
		C.A. 45°.											300022	225.91	227.00	0.040	0.04
		At 199.9 m - 1.5 cm massive pyrite, chalcopyrite, trace											300023	227.00	230.00	0.043	0.04
		molybdenite, C.A. 45 - 55° and 1.5 cm pale green feldspar											300024	230.00	233.00	0.032	0.03
		porphyry dike C.A. 70° or 120° with pyrite.											300025	233.00	236.00	0.026	0.02
		At 204.0 m - 2 cm black sulphide gouge C.A. 30°.											300026	236.00	238.00	0.030	0.05
		204.3 - 206.5 m Fault breccia, C.A. 20 - 45°. Sericite-clay-											300027	238.00	239.60	0.026	0.04
		pyrite vein subparallel core. Soft white radial clay sprays.											300028	239.60	242.30	0.018	0.02
		At 209.0 m - 1 mm vein of massive pyrite and molybdenite,											300029	242.30	244.00	0.035	0.18
		C.A.80° and subparallel.											300030	244.00	245.73	0.040	0.06
		At 216.35 m - 2 cm dark green quartz-sericite+/-clay-pyrite															
		gouge-breccia, C.A. 45-50°. Intense grey quartz-															
		sericite-pyrite veins, 5 - 10 cm, crosscut, K-feldspar, rich															
		wallrock @ 217.0, 219.0 C.A. 50°															
		Chlorite and specular hematite occurs along quartz vein															
		selvages from about 200 - 225 m, with chalcopyrite															

Diamond Drill Log

HOLE: P98-2

Company: Stealth Mining Corp.
Project: Pine
Core logged by David Blann, P. Eng.
Date: July, 1998

ALTN SCALE: 1----5 MAX

Depth (m) from	Depth (m) to	Description	ROCK CODE	% Py	% Cp	Chl-Ep	Ca	Gyp Anh	2^S	2^K	2^M	2^Q	Sample Number	Interval (m) from	Interval (m) to	Cu %	Au g/t
		disseminated pyrite deg\creases to 1 - 2% at about 200 m to															
		225 m, still strong pyrite veins, however.															
225.91	245.73	Monzodiorite: orange, medium grained, hornblende															
		(+/- biotite?) feldspar porphyritic monzodiorite, uniform															
		brecciated to massive, moderate pervasive sericite-K-feldspar															
		in matrix. Mafics 95% replaced by sericte-magnetite															
		+/- hematite, orange placioclast, cloudy, zoned, in part replaced															
		by K-feldspar. Pyrite, chalcopyrite replaces sericite in matrix,															
		occasional veins. Epidote-specularite veinlets 1 mm															
		2 - 10/m C.A. 30< 70°, locally brecciated. Quartz veins 1 - 2 mm															
		1 - 3/m with pyrite-magnetite-hematite-chalcopyrite.															
		Trace molybdenite replacing sericite. Hematite replacing															
		magnetite, clay increasing down section.															
		@ 231.6 0.5 mc quartz vein with K-feldspar															
		C.A. 20°															
		@ 236.3 - 237.2 several subparallel massive pyrite veins up to															
		1 cm															
		@ 239.6 - 243.3 dark hornblende-feldspar porpyry dike.															
		Hornblende replaced by biotite-magnetite, strongly magnetic															
		moderate to strong sericite with trace pyrite-chalcopyrite.															
		Top contact irregular, bottom C.A. 80° sharp.															
		@ 244 - 245.73 subparallel anastomosing pyrite-hematite-clay															
		+/- magnetite veins. Local clots of massive magnetite-pyrite,															
		trace chalcopyrite, rare quartz vein < 1 cm, pyrite may be															
		increasing.															
		EOH 245.73 m															

Diamond Drill Log

Company: Stealth Mining Corp.
Project: Pine
Core logged by David Blann, P. Eng.
Date: July, 1998

HOLE: P98-3

Northing	33064
Easting	12903
Elevation	1094 m

		Azimuth	Dip
	Collar	0°	- 90°
EOH	115.85	0°	- 90°

ALTN SCALE: 1----5 MAX

Depth (m) from	Depth (m) to	Description	ROCK CODE	% Py	% Cp	Chl-Ep	Ca	Gyp Anh	2^S	2^K	2^M	2^Q	Sample Number	Interval (m) from	Interval (m) to	Cu %	Au g/t
0	14.33	Casing															
14.33	26.3	Quartz latite porphyry, grey-black-orange-brown, fine grained,	3512	1	0.2	2	1	0	3	2	4	2	300031	14.33	16.46	0.021	0.11
		quartz phenocrysts 1 - 3 mm 10-20%. Minor feldspar phenocrysts											300032	16.46	17.07	0.069	0.16
		to 5 mm, pervasievely replaced by saussurite (epidote-sericite)											300033	17.07	17.99	0.044	0.18
		magnetite. Mafics 95% replaced by magnetite. Intensely broken											300034	17.99	18.40	0.032	0.14
		core, chlorite-sericite-clay pyrite +/- calcite +/- hematite filled											300035	18.40	20.43	0.030	0.18
		fractures C.A. 80°, 40°, subparallel.											300036	20.43	21.34	0.072	1.34
													300037	21.34	21.95	0.022	0.11
20.3	25.0	Quartz latite porphyry/quartz crystal welded tuff, grey-white, fine	3512	5	0.3	0	2	1	4	2	0	4	300038	21.95	22.87	0.082	0.12
		grained, strong to intense quartz-sericite clay +/- weak calcite.											300039	22.87	23.90	0.081	0.11
		1-5 mm vuggy quartz vein stockwork/sheets with fine to coarse											300040	23.90	24.39	0.047	0.08
		grained pyrite, chalcopyrite, locally gypsum. Veins C.A. subparallel											300041	24.39	25.61	0.044	0.12
		80° several at C.A. 45°. No disseminated magnetite, pyrite											300042	25.61	26.52	0.109	0.10
		instead. Core highly broken.											300043	26.52	27.13	0.081	0.07
													300044	27.13	27.44	0.081	0.07
25.0	39.65	Quartz latite porphyry. Grey-orange brown, fine grained, quartz	3512	2	0.3	1	1	1	3	2	3	2	300045	27.44	28.35	0.044	0.06
		phenocrysts 1 - 3 mm 10% feldspars and mafics replaced by sericite											300046	28.35	29.27	0.079	0.07
		+/- chlorite, magnetite, pyrite, chalcopyrite, +/- calcite-clay,											300047	29.27	30.18	0.094	0.17
		epidote locally, core highly broken, fractures 1 - 5 mm filled by											300048	30.18	31.71	0.060	0.14
		chlorite-saussurtie-epidote-sericite-gypsum, pyrite-magnetite,											300049	31.71	32.32	0.038	0.11
		chalcopyrite. Dusty pinkish carbonate - late stage zeolite.											300050	32.32	33.23	0.053	0.20
													300051	33.23	34.76	0.101	0.26
39.65	45.35	Orange quartz-feldspar porphyry dike/sill. Very fine grained, 5%	7512	0.1	0	2	1	1	3	1	0	0	300052	34.76	35.98	0.068	0.36
		quartz,'10% feldspar phenocrysts (1 mm), no mafics, trace pyrite.											300053	35.98	37.35	0.075	0.20
		Massive, uniform texture. Top contact chilled over 5 cm,											300054	37.35	38.41	0.049	0.23
		contact 75° sharp, bottom contact bleached, clay altered over											300055	38.41	39.02	0.072	0.39
		40 cm, 5 cm gouge contact 80°											300056	39.02	39.65	0.040	0.16
														39.65	45.35	dike	

Diamond Drill Log

HOLE: P98-3

Company: Stealth Mining Corp.
Project: Pine
Core logged by David Blann, P. Eng.
Date: July, 1998

ALTN SCALE: 1----5 MAX

Depth (m)		Description	ROCK	%	%	Chl-	Ca	Gyp	2^S	2^K	2^M	2^Q	Sample	Interval (m)		Cu	Au
from	to		CODE	Py	Cp	Ep		Anh					Number	from	to	%	g/t
45.35	59.0	Quartz latite porphyry/quartz monzonite grey-orange-brown,	3512	2	0.3	1	1	1	3	3	3	3	300057	45.35	45.73	0.019	0.04
		fine grained, quartz phenocrysts 1-3 mm 20%, orange stained											300058	45.73	46.95	0.044	0.04
		plagioclase, pervasive sericite-quartz-magnetite. Vuggy quartz-											300059	46.95	50.00	0.043	0.09
		magnetite-pyrite-chalcopyrite veins 1 - 4 mm, 5 - 10/m, C.A.											300060	50.00	53.05	0.050	0.13
		30°, 60° subparallel, highly broken core.											300061	53.05	56.10	0.058	0.11
													300062	56.10	59.00	0.088	0.17
59.0	67.5	Hornblende-feldspar porphyry:	5212	0.1	0	3	3	2	3	2	2	1	300063	59.00	60.00	0.050	0.15
		monzodiorite, orange-grey. Fault contact transition, strong											300064	60.00	63.00	0.001	0.01
		chlorite-epidote-clay-calcite, +/- gouge, subparallel to core.											300065	63.00	66.00	0.001	0.01
		59 - 60 m silicification, fault breccia, intense quartz vein breccia,											300066	66.00	67.50	0.001	0.01
		59.4 - '59.7 m pyrite 2%, chalcopyrite 0.3%											300067	103.00	106.00	0.001	0.03
		60 - 67.5 m strong epidote-clay filled fractures.												106.00	115.85	dike	EOH
67.5	115.85	Quartz-hornblende-feldspar porphyry dike. Oragne, fine to meduim	7512	0.1	0	3	2	1	2	1	2	0					
		grained. Feldspars cloudy, zoned, hard hornblende replaced by											300068	18.00	18.90	0.043	0.47
		biotite-magnetite, epidote +/- clay replacing feldspars matrix.											Sample from bedrock of the initial -60				
		67.5 - 79.5 m fine grained											degree hole that was lost				
		79.5 - 115.85 m meduim grained															
		101 - 106 m green clay fractures, weak quartz veins, trace pyrite															
		C.A. subparallel, 70°															
		End of Hole 115.85 m.															

Diamond Drill Log

Company: Stealth Mining Corp.
Project: Pine
Core logged by David Blann, P. Eng.
Date: July, 1998

HOLE: P98-4

Northing	33080
Easting	13343
Elevation	1085 m

		Azimuth	Dip
	Collar	270°	- 45°
EOH	291.77	270°	- 45°

ALTN SCALE: 1----5 MAX

Depth (m) from	Depth (m) to	Description	ROCK CODE	% Py	% Cp	Chl-Ep	Ca	Gyp Anh	2^S	2^K	2^M	2^Q	Sample Number	Interval (m) from	Interval (m) to	Cu %	Au g/t
0	3.96	Casing - outcrop @ collar															
3.96	30.7	Quartz monzonite, white, grey fine grained, quartz eye, porphyry	5322	5	0	0	0	0	3	0	0	0	300069	3.96	5.79	0.004	0.07
		intense clay altercation, moderate to strongly fractured, filled											300070	5.79	8.00	0.008	0.05
		with sericite-clay-pyrite highly broken core. Silver colored pyrite											300071	8.00	10.82	0.007	0.04
		13.8 - 14.63, 19.7 - 20.7 m black to dark green strongly magnetic,											300072	10.82	13.41	0.004	0.04
		chlorite andesite dikes.											300073	13.41	14.63	0.006	0.01
		(7612) - pyrite 1%.											300074	14.63	16.77	0.004	0.06
													300075	16.77	19.05	0.004	0.07
30.07	34.7	Latite Dike: orange, fine grained, weakly feldspar porphyritic,	7512	0	0	2	1	0	2	0	3	1	300076	19.05	21.65	0.006	0.05
		minor mafics, very fine grained magnetite disseminaed. Vuggy											300077	21.65	25.00	0.004	0.09
		epidote-quartz veins 1 - 5 mm subparallel -30° C.A., trace											300078	25.00	28.05	0.004	0.09
		pyrite. Top/bottom contact 40°.											300079	28.05	30.70	0.007	0.14
														30.70	36.20	dike	
34.7	36.2	Andesite Dike: dark green, very fine grained, weakly feldspar-	7612	0.5	0	2	1	0	3	0	4	0	300080	36.20	40.24	0.010	0.17
		horneblende porphyritic, mafics. 95% replaced by magnetite											300081	40.24	43.29	0.005	0.16
		+/- epidote +/- pyrite 20 cm chilled bottom contact.											300082	43.29	46.34	0.006	0.20
													300083	46.34	49.39	0.012	0.39
36.2	64.33	Quartz Monzonite: grey-white, fine grained, quartz eye porphyry.	5322	5	0.2	1	1	0	3	0	1	1	300084	49.39	52.44	0.006	0.18
		Pervasively bleached, clay altered. As for 3.96 - 30.7 m, strong											300085	52.44	55.18	0.004	0.12
		sericite-clay-pyrite filled fractures. Core intensely broken and											300086	55.18	58.49	0.031	0.35
		ground up by drilling. Occasional vuggy quartz-epidote-pyrite											300087	58.49	59.91	0.015	0.39
		+/- chalcopyrite veins to 0.3 cm. Weak magnetite, trace											300088	59.91	61.28	0.012	0.24
		azurite, pink zeolite down section.											300089	61.28	63.11	0.012	0.12
													300090	63.11	64.63	0.024	0.26
64.63	74.9	Latite Dike: orange-brown, fine grained, feldspar porphyritic,	7512	0	0	2	1	0	2	0	1	0	300091	64.63	65.85	0.002	0.01
		massive, uniform texture. Minor mafics (hornblende?) replaced												65.85	74.90	dike	
		by sericite +/- magnetite. Weakly fractured filled with calcite-											300092	74.90	75.91	0.009	0.07
		pink zeolite, hematite. Top contact 45°, bottom broken.											300093	75.91	76.52	0.012	0.08

Diamond Drill Log

HOLE: P98-4

Company: Stealth Mining Corp.
Project: Pine
Core logged by David Blann, P. Eng.
Date: July, 1998

ALTN SCALE: 1----5 MAX

Depth (m)		Description	ROCK	%	%	Chl-	Ca	Gyp	2^S	2^K	2^M	2^Q	Sample	Interval (m)		Cu	Au
from	to		CODE	Py	Cp	Ep		Anh					Number	from	to	%	g/t
74.9	110.37	Quartz Monzonite: grey, fine grained, quartz eye porphyry. Weak	5312	2	0.2	1	1	1	3	2	3	1	300094	76.52	76.83	0.007	0.09
		clay alteration, strong pervasive quartz-sericite-magnetite,											300095	76.83	77.44	0.006	0.07
		k-feldspar increasing down section. Weak grey quartz stringers											300096	77.44	78.35	0.005	0.08
		0.3 mm with pyrite-chalcopyrite-magnetite-hematite,											300097	78.35	79.88	0.016	0.20
		C.A. 20 - 75°. Strongly broken core.											300098	79.88	80.49	0.008	0.09
		81.7 - 83.7 m dark green fine grained andesite (7600) massive,											300099	80.49	81.70	0.014	0.14
		storngly magnetic, trace pyrite-chalcopyrite, broken contacts.											300100	81.70	83.70	0.010	0.01
													300101	83.70	85.98	0.019	0.15
110.37	130.8	Quartz Monzonite: dark grey, fine grained quartz eye porphyry.	5312	2	0.2	1	1	1	3	3	3	2	300102	85.98	89.02	0.017	0.14
		As 74.9 - 110.37 m, with stronger k-feldspar through matrix, and											300103	89.02	92.07	0.014	0.17
		local quartz-vein selvages strongly broken core, poor recovery,											300104	92.07	95.12	0.013	0.07
		weak clay, moderate hematite. Fractures/slicksides											300105	95.12	98.17	0.016	0.10
		subparallel core. Quartz-sericite-magnetite-k-feldspar-zeolite-											300106	98.17	98.78	0.028	0.11
		gypsum increasing down section.											300107	98.78	99.85	0.019	0.08
		@ 122.26 m 10 cm epidote matrix quartz vein breccia, strong											300108	99.85	100.91	0.020	0.07
		grey sericite envelope.											300109	100.91	102.13	0.023	0.11
		End of broken zone.											300110	102.13	103.05	0.031	0.17
													300111	103.05	105.00	0.034	0.12
130.18	165.5	Quartz Monzonite: grey-light orange-brown, quartz eye porphyry.	5312	3	0.3	1	1	3	3	3	3	3	300112	105.00	106.40	0.025	0.15
		Moderate pervasive k-feldspar cut by pyrite-chalcopyrite											300113	106.40	107.62	0.031	0.16
		veinlets with 1 - 3 cm sericite-clay envelopes. Local quartz											300114	107.62	108.54	0.127	1.50
		vein stockwork, breccia, stringers contain pyrite-magnetite-											300115	108.54	109.45	0.065	0.26
		+/- sericite-chalcopyrite with weak k-feldspar selvages. Rock											300116	109.45	110.37	0.029	0.18
		matrix generally has some clay and hematite overprint											300117	110.37	111.59	0.036	0.13
		moderate gypsum +/- zeolite (orange), in part mineralized.											300118	111.59	112.20	0.045	0.16
		Pyrite-chalcopyrite +/- trace sphalerite? Dominantly fracture											300119	112.20	113.41	0.032	0.11
		controlled, weak replacement of quartz eyes, sericite, magnetite.											300120	113.41	115.24	0.053	0.16
		@ 151.6 7 cm massive pyrite vein with 25 cm above and 10 cm											300121	115.24	116.46	0.052	0.08
		below of pervasive silicification C.A. 45°											300122	116.46	117.99	0.051	0.12

Diamond Drill Log

HOLE: P98-4

Company: Stealth Mining Corp.
Project: Pine
Core logged by David Blann, P. Eng.
Date: July, 1998

ALTN SCALE: 1----5 MAX

Depth (m)		Description	ROCK	%	%	Chl-	Ca	Gyp	2^S	2^K	2^M	2^Q	Sample	Interval (m)		Cu	Au
from	to		CODE	Py	Cp	Ep		Anh					Number	from	to	%	g/t
		@ 160.31 - 165.5 m orange-brown quartz eye porphry, moderate											300123	117.99	119.21	0.063	0.20
		to strong pervasive k-feldspar, minor epidote clay near dike											300124	119.21	120.88	0.056	0.15
		contact. Quartz vein breccia, epidote and black mineral from											300125	120.88	121.34	0.084	0.28
		163.8 - 165.5 m.											300126	121.34	122.26	0.057	0.23
													300127	122.26	125.61	0.055	0.19
165.5	170.4	Feldspar Porphyry Latite Dike: orange, fine grained hornblende-	7512										300128	125.61	128.66	0.060	0.16
		feldspar prophyry, with a highly potassic matrix. Hornblende											300129	128.66	131.71	0.102	0.40
		replaced 95% by chlorite-epidote-magnetite, plagioclase											300130	131.71	133.23	0.094	0.27
		phenocrysts replaced in part by sericite-epidote-clay. Top											300131	133.23	134.45	0.054	0.22
		contact irregular, bottom contact 60° sharp.											300132	134.45	137.00	0.172	0.26
													300133	137.00	140.00	0.078	0.23
170.4	270.2	Quartz Monzonite: porphyry, orange-brown, fine grained matrix	5322	1.5	0.5	1	1	3	4	4	4	4	300134	140.00	143.00	0.095	0.39
		with 10 - 20% quartz eyes, matrix moderate to strongly											300135	143.00	146.00	0.106	0.30
		pervasive quartz-k-feldspar altered/flooded, weak clay also in											300136	146.00	149.00	0.087	0.22
		rock matrix, pale green sericite, magnetite, quartz is replaced											300137	149.00	151.20	0.110	0.37
		in part by pyrite, chalcopyrite. Hematite in part replaces											300138	151.20	152.20	0.021	0.06
		magnetite, usually in fractures. Grey quartz magnetite and											300139	152.20	154.00	0.128	0.30
		pyrite and chalcopyrite veins 0.1 - 1 cm occur as stringers, and											300140	154.00	155.60	0.143	1.05
		local stockwork subparallel to 80° C.A., 3 - 20/m. These are											300141	155.60	158.00	0.143	0.40
		locally cut by quartz-sericite-clay +/- suassurite-pyrite											300142	158.00	161.00	0.097	0.20
		+/- magnetite +/- chalcopyrite veins 0.5 - 1.0 cm with 1 - 3 cm											300143	161.00	163.80	0.079	0.16
		non-magnetic sericite-clay envelopes.											300144	163.80	165.50	0.104	0.15
		C.A. 30 - 60°.											300145	165.50	167.00	0.019	0.02
		Gypsum/anhydrite and zeolite cuts quartz and sericite-clay												167.00	170.40	dike	
		veins. These veins are 0.1 - 5 cm, 5 - 50/m, C.A. 30 - 45°,											300146	170.40	173.00	0.071	0.17
		and carry trace pyrite +/- chalcopyrite. Rock is intensely											300147	173.00	176.00	0.094	0.17
		fractured, cracked, brecciated, healed with quartz, k-feldspar,											300148	176.00	179.00	0.122	0.38
		gypsum, zeolite.											300149	179.00	182.00	0.095	0.18
													300150	182.00	185.00	0.083	0.17

Diamond Drill Log

HOLE: P98-4

Company: Stealth Mining Corp.
Project: Pine
Core logged by David Blann, P. Eng.
Date: July, 1998

ALTN SCALE: 1----5 MAX

Depth (m) from	Depth (m) to	Description	ROCK CODE	% Py	% Cp	Chl-Ep	Ca	Gyp Anh	2^S	2^K	2^M	2^Q	Sample Number	Interval (m) from	Interval (m) to	Cu %	Au g/t
		@ 227.8 - 228.5 m, 8 - 15 cm grey-white quartz veins with 1%											300151	185.00	188.00	0.112	0.19
		pyrite and chalcopyrite and molybdenite, hematite vein selvages											300152	188.00	191.00	0.119	0.18
		2 - 3 cm contain strong quartz-sericite +/- clay and pyrite (5%),											300153	191.00	194.00	0.132	0.24
		chalcopyrite (1%).											300154	194.00	197.00	0.105	0.16
		Top contact 65° sharp, bottom 60°.											300155	197.00	200.00	0.138	0.27
		2 - 3 types of quartz, grey, white, dark.											300156	200.00	203.00	0.161	0.39
		Pyrite increases to about 2 - 3% down section.											300157	203.00	206.00	0.172	0.28
		@ 255.1 - 257.0 m feldspar porphyry latite dike. Orange-brown,											300158	206.00	209.00	0.120	0.17
		fine grained, 10 - 20% plagioclase phenocrysts, strongly											300159	209.00	212.00	0.138	0.21
		magnetic. Top/bottom contact 80° sharp with 10 - 30 cm chill											300160	212.00	215.00	0.188	0.41
		margins.											300161	215.00	218.00	0.183	0.31
													300162	218.00	221.00	0.161	0.28
270.2	274.5	Hornblende-feldspar Microporphyry Andesite Dike:	7611	0.2	0.1	1	1	1	4	1	4	1	300163	221.00	224.00	0.126	0.18
		grey-brown-green, very fine grained, weakly porphyritic,											300164	224.00	227.00	0.118	0.24
		hornblende (amphibole) replaced 99% by quartz-sericite-											300165	227.00	227.80	0.175	0.18
		magnetite. Trace pyrite/chalcopyrite replacing mafics and											300166	227.80	228.50	0.027	0.17
		sericitic plagioclase. Top/bottom contact 60° sharp.											300167	228.50	231.00	0.098	0.13
													300168	231.00	234.00	0.132	0.19
274.5	284.3	Quartz Monzonite: light orange-brown, fine grained, quartz	5321	3	0.6	1	1	2	4	4	4	4	300169	234.00	237.00	0.174	0.21
		eye porphyry. Strong to intense pervasive quartz-k-feldspar											300170	237.00	240.00	0.189	0.72
		flooding, quartz stockwork. Veins of quartz 2 - 10 mm, grey-											300171	240.00	243.00	0.143	0.42
		white, locally vuggy, irregular, discontinous. C.A. 20°, 40°, 60°,											300172	243.00	246.00	0.168	0.64
		contain magnetite-pyrite-chalcopyrite. These are cut by quartz											300173	246.00	249.00	0.161	0.48
		sericite-pyrite-chalcopyrite veins 5 - 25 mm. Anhydrite +/- pink											300174	249.00	252.00	0.180	0.42
		zeolite veins 3 - 10 mm contain chalcopyrite +/- pyrite along											300175	252.00	255.10	0.173	0.22
		selvages and cut all veins.											300176	255.10	257.00	0.011	0.09
													300177	257.00	260.00	0.188	0.28
													300178	260.00	263.00	0.170	0.37
													300179	263.00	266.00	0.176	0.29

Diamond Drill Log

HOLE: P98-4

Company: Stealth Mining Corp.
Project: Pine
Core logged by David Blann, P. Eng.
Date: July, 1998

ALTN SCALE: 1----5 MAX

Depth (m) from	Depth (m) to	Description	ROCK CODE	% Py	% Cp	Chl-Ep	Ca	Gyp Anh	2^S	2^K	2^M	2^Q	Sample Number	Interval (m) from	Interval (m) to	Cu %	Au g/t
284.3	291.77	Latite Dike: orange, fine grained, (quartz) - hornblende-feldspar	7512	0	0	1	1	2	3	0	3	0	300180	266.00	269.00	0.178	0.34
		porphyry. Hornblende 60 - 75% replaced by sericite-magnetite,											300181	269.00	270.20	0.175	0.32
		plagioclase cloudy, pink, sericitic. Minor anhydrite fills -											300182	270.20	274.50	0.004	0.01
		fractures 1 - 2 mm C.A. 30 - 60°.											300183	274.50	276.50	0.306	0.70
		Top contact sharp 60°, chill margin ~60 cm.											300184	276.50	279.00	0.215	0.53
		Last 25 cm chilled, close to lower contact, hole lost.											300185	279.00	281.00	0.312	0.78
													300186	281.00	284.30	0.265	0.35
		End of hole = 291.77 m												284.30	291.77	dike	

Diamond Drill Log

Company: Stealth Mining Corp.
Project: Pine
Core logged by David Blann, P. Eng.
Date: July, 1998

HOLE: P98-5

Northing	33250
Easting	13075
Elevation	1087 m

		Azimuth	Dip
	Collar	270°	-70°
EOH	146.95	270°	-70°

ALTN SCALE: 1----5 MAX

Depth (m) from	Depth (m) to	Description	ROCK CODE	% Py	% Cp	Chl-Ep	Ca	Gyp Anh	2^S	2^K	2^M	2^Q	Sample Number	Interval (m) from	Interval (m) to	Cu %	Au g/t
0	17.07	Casing															
17.07	42.0	Quartz Monzonite Porphyry: Grey-black-pale orange, fine	5321	3	0.4	1	1	0	2	4	4	3	300187	17.07	18.90	0.128	0.32
		grained quartz eye porphyry. Patchy zones of strong magnetite,											300188	18.90	21.95	0.196	0.62
		pyrite. Chalcopyrite occurs with pyrite, magnetite in veins,											300189	21.95	25.00	0.140	0.52
		0.1 - 0.3 cm, and with vuggy quartz veins 0.5 - 1 cm locally.											300190	25.00	28.05	0.127	0.34
		Weak replacement of mafics, sericite-chlorite by chalcopyrite											300191	28.05	31.10	0.114	0.33
		in matrix. Weak grey quartz vein stockwork - stringers,											300192	31.10	34.15	0.134	0.45
		C.A. 80°, 45°, subparallel. Hematite replaces magnetite in											300193	34.15	37.20	0.135	0.46
		part through matrix. Traces of molybdenite with pyrite-											300194	37.20	40.24	0.062	0.30
		chalcopyrite in quartz vein selvages. Rock strongly broken.											300195	40.24	43.29	0.145	0.56
		39.5 - 40.0 m Orange chlorite-epidote feldspar porphyry dike.											300196	43.29	46.34	0.091	0.30
													300197	46.34	49.39	0.143	0.49
42.0	63.1	Quartz Monzonite Porphyry: As above - less matrix K-feldspar	5321	3	0.4	1	1	0	3	3	3	2	300198	49.39	52.44	0.105	0.48
		in part due to sericite-clay. Quartz veins with pyrite-chalcopyrite-											300199	52.44	55.49	0.115	0.59
		molybdenite selvages. Locally, rock matrix weakly brecciated.											300200	55.49	58.54	0.120	0.54
		Rock strongly broken.											300201	58.54	61.59	0.128	0.80
													300202	61.59	63.10	0.147	0.65
63.1	80.49	Latite Dike: Orange, very fine grained feldspar porphyry, minor	7512	0.1	0	2	1	0	3	0	2	0		63.10	80.49	dike	
		mafics. Massive, uniform texture, hard.											300203	80.49	81.10	0.204	0.85
													300204	81.10	82.01	0.185	0.62
80.49	101.22	Quartz Monzonite Porphyry: Dark grey-black, fine grained	5321	3	0.3	1	1	1	3	2	3	1	300205	82.01	82.93	0.176	0.54
		quartz eye porphyry. Pervasive quartz-sericite (+/-chlorite)-											300206	82.93	84.00	0.167	0.62
		magnetite with pyrite-chalcophyrite replacing mafics, sericite											300207	84.00	85.60	0.005	0.01
		+/-clay. Weak hematite. Local quartz vein stringers - grey and											300208	85.60	86.59	0.221	0.57
		white vuggy types with trace sphalerite down section. Highly											300209	86.59	87.35	0.204	0.72
		broken.											300210	87.35	89.63	0.127	0.54
		84.0 - 85.6 m Pale brown feldspar porphyry (7512). Epidote-											300211	89.63	91.77	0.156	0.88
		sericite+trace pyrite-chalcopyrite, weak quartz veins cut											300212	91.77	93.00	0.097	0.48

Diamond Drill Log

HOLE: P98-5

Company: Stealth Mining Corp.
Project: Pine
Core logged by David Blann, P. Eng.
Date: July, 1998

ALTN SCALE: 1----5 MAX

Depth (m)		Description	ROCK	%	%	Chl-	Ca	Gyp	2^S	2^K	2^M	2^Q	Sample	Interval (m)		Cu	Au
from	to		CODE	Py	Cp	Ep		Anh					Number	from	to	%	g/t
		through near contacts. Top contact 30°, bottom contact 30°.											300213	93.00	94.51	0.159	0.86
		End of broken zone - gypsum line.											300214	94.51	96.34	0.145	0.91
													300215	96.34	98.17	0.101	0.47
101.22	146.95	Quartz Monzonite Porphyry: Grey-black-pale green, fine	5321	5	0.3	2	1	3	4	3	3	2	300216	98.17	101.22	0.144	0.56
		grained quartz eye porphyry. Quartz 5 - 10%. Weak clay											300217	101.22	104.00	0.107	0.31
		overprint in rock matrix. Rock is weak to moderately (locally)											300218	104.00	105.00	0.102	0.43
		brecciated, fractured. Fractures filled by quartz-magnetite-											300219	105.00	106.40	0.118	0.34
		pyrite-chalcopyrite, trace sphalerite, galena or sericite-											300220	106.40	107.65	0.079	0.30
		magnetite-pyrite-chalcopyrite. Veins have variable C.A. 30°,											300221	107.65	110.00	0.078	0.14
		45°, 60°, 80° (strong).											300222	110.00	113.00	0.089	0.29
		106.9 - 107.65 m - 58 cm massive grey quartz vein and											300223	113.00	116.00	0.080	0.15
		pervasive silicified and sericite-clay wallrock C.A. 70°.											300224	116.00	119.00	0.086	0.19
		Pyrite2%, chalcopyrite 0.4%, trace sphalerite / galena.											300225	119.00	122.00	0.134	0.31
		110.9 - 111.03 m (chlorite)-epidote, orange-brown-green											300226	122.00	125.00	0.087	0.34
		feldspar porphyry dike, C.A. 90° sharp.											300227	125.00	128.00	0.122	0.26
		113.65 - 114.03 m Feldspar porphyry dike, C.A. 80°. Chilled											300228	128.00	131.00	0.151	0.34
		magnetite replacing mafics, epidote replacing feldspar											300229	131.00	134.00	0.148	0.32
		silicified, brecciated wallrock, with quartz-gypsum-pyrite+/-											300230	134.00	137.00	0.119	0.22
		chalcopyrite.											300231	137.00	140.00	0.107	0.21
		119 - 146.95 m Moderate (3) K-feldspar through matrix,											300232	140.00	143.00	0.113	0.23
		gypsum-anhydrite moderate to strong (3-4), local zones of											300233	143.00	146.00	0.118	0.21
		quartz carbonate veining with pyrite +/- trace chalcopyrite.											300234	146.00	146.95	0.117	0.32
		Rock is soft - pervasive quartz-sericite-clay (weak to moderate)															
		patchy magnetite, irregular pyrite veins, 0.2 - 0.5 cm.															
		128 - 128.5 m Quartz-gypsum vein breccia with pyrite,															
		chalcopyrite, trace sphalerite, C.A. 25°.															
		136.5 - 137.3 m Fine grained basaltic feldspar porphyry dike															
		skipping subparallel core.															
		End of Hole: 146.95 m															

Diamond Drill Log

Company: Stealth Mining Corp.
Project: Pine
Core logged by David Blann, P. Eng.
Date: July, 1998

HOLE: P98-6

Northing	33179
Easting	13490
Elevation	1083 m

		Azimuth	Dip
	Collar	0°	-90°
EOH	117.8	0°	-90°

ALTN SCALE: 1----5 MAX

Depth (m) from	Depth (m) to	Description	ROCK CODE	% Py	% Cp	Chl-Ep	Ca	Gyp Anh	2^S	2^K	2^M	2^Q	Sample Number	Interval (m) from	Interval (m) to	Cu %	Au g/t
0	12.8	Casing															
12.8	15.95	Feldspar Porphyry Dike: Grey with 1 cm epidote spots.	7612	3	0	4	1	0	2	0	1	0	300235	98.00	100.20	0.002	0.02
		Moderately fractured, filled by clay-pyrite. Highly mottled,											300236	107.00	110.00	0.002	0.02
		irregular veining.											300237	114.00	117.20	0.001	0.01
													300238	117.20	117.80	0.003	0.02
15.95	96.3	Quartz-Feldspar Porphyry: Grey-white, gine grained. Intense	5322?	8	0	0	1	4	3	1	0	1					
		pervasive kaolin (clay) through matrix and in veins. Alunite+/-															
		gypsum / anhydrite. Core is intensely broken, severe core loss.															
		34.76 - 37.9 m Epidote spot feldspar porphyry-pink zeolite															
		(+/- alunite?). Similar to 12.8 - 15.95 m.															
		57.32 - 59.15 m Magnetic basaltic-andesite dike (7612). Dark															
		green-black, very fine grained.															
		End of broken zone.															
96.3	117.2	Quartz-Feldspar Porphyry: Grey-white, fine grained, quartz-	5322?	10	tr	0	1	3	1	1	0	1					
		feldspar porphyritic. Intense, pervasive clay-pyrite. Strong															
		alunite?-gypsum veining, 0.1 - 1 cm, locally sheared, C.A. 20															
		- 60°.															
		100.75 - 102.0 m Dark brown-black, very fine grained,															
		magnetic andesite (7600), non-porphyritic. Top contact 60°															
		sharp, bottom contact irregular.															
117.2	117.8	Feldspar Porphyry Dike: As at 12.8 - 15.95 m. Top contact 90°.	7612	3	0	4	1	2	1	1	3	0					
		Epidote spot porphyry, strong propylitic alteration.															
		End of Hole 117.8 m															

Diamond Drill Log

Company: Stealth Mining Corp.
Project: Pine
Core logged by David Blann, P. Eng.
Date: July, 1998

HOLE: P98-7

Northing	32852
Easting	13236
Elevation	1093 m

		Azimuth	Dip
	Collar	270°	- 45°
EOH	84.45	270°	- 45°

ALTN SCALE: 1----5 MAX

Depth (m) from	Depth (m) to	Description	ROCK CODE	% Py	% Cp	Chl-Ep	Ca	Gyp Anh	2^S	2^K	2^M	2^Q	Sample Number	Interval (m) from	Interval (m) to	Cu %	Au g/t
0	4.88	Casing															
4.88	59.5	Quartz Monzonite Porphyry: Grey-white, fine grained quartz	5322	10	0	0	0	1	5	0	0	0	300239	14.02	15.55	0.002	0.01
		eye porphyry. Intense clay-pyrite alteration. Porous, soft,											300240	28.05	31.10	0.001	0.02
		intensely broken core, poor recovery. Minute specs of											300241	31.10	34.15	0.003	0.01
		chalcocite?-sphalerite? with pyrite. Pyrite is generally medium											300242	40.24	43.29	0.003	0.02
		grained, well formed white-yellow crystals uniformly distributed											300243	52.44	55.49	0.003	0.02
		throughout matrix.											300244	70.73	72.87	0.004	0.02
													300245	72.87	73.78	0.002	0.02
59.5	65.2	Andesite Dike: Grey-green, fine grained hornblende-feldspar	7612	0.1	0.1	1	3	2	4	1	4	0	300246	73.78	75.00	0.003	0.03
		porphyritic. Hornblende 90% replaced by sericite-magnetite,											300247	75.00	76.22	0.001	0.02
		plagioclase replaced by sericite-clay-calcite. Core is solid,											300248	76.22	76.83	0.001	0.03
		weakly broken fractures, C.A. 45°, filled by calcite+/-epidote											300249	76.83	78.05	0.002	0.02
65.2	84.45	Quartz Monzonite Porphyry: Grey-white-pale green, fine	5322	7	0	0	0	0	5	0	0	0					
		grained quartz eye porphyry. Intense pervasive clay-pyrite															
		alteration (as at 4.88 - 59.5 m). Porous mass of quartz-clay															
		minute specs of grey-black metallic mineral (chalcocite?).															
		Chalcopyrite occurs along quartz filled fracture at 75.5 m.															
		Lost - 'End of Hole 84.45 m.															

PINE ZONE DRILLHOLE RECOVERY DATA
P98-1 (all data in metres)

FROM	TO	LENGTH	CORE RECOVERED	% RECOVERY	COMMENTS
0.00	12.20	12.20	0.00	0.0	Casing
12.20	13.41	1.21	0.60	49.6	
13.41	14.02	0.61	0.17	27.9	
14.02	15.85	1.83	0.50	27.3	
15.85	16.77	0.92	0.22	23.9	
16.77	18.29	1.52	0.50	32.9	
18.29	19.82	1.53	0.65	42.5	
19.82	20.43	0.61	0.45	73.8	
20.43	21.95	1.52	0.38	25.0	
21.95	23.48	1.53	0.70	45.8	
23.48	24.39	0.91	0.40	44.0	
24.39	25.61	1.22	0.70	57.4	
25.61	26.83	1.22	0.75	61.5	
26.83	28.05	1.22	1.20	98.4	
28.05	28.96	0.91	0.80	87.9	
28.96	30.49	1.53	1.50	98.0	
30.49	32.01	1.52	1.50	98.7	
32.01	33.23	1.22	1.20	98.4	
33.23	33.84	0.61	0.60	98.4	
33.84	35.37	1.53	1.50	98.0	
35.37	36.28	0.91	0.90	98.9	
36.28	37.20	0.92	0.60	65.2	
37.20	37.80	0.60	0.53	88.3	
37.80	38.72	0.92	0.75	81.5	
38.72	40.24	1.52	0.70	46.1	
40.24	41.46	1.22	0.70	57.4	
41.46	42.07	0.61	0.30	49.2	
42.07	43.00	0.93	0.55	59.1	
43.00	43.29	0.29	0.25	86.2	
43.29	43.90	0.61	0.40	65.6	
43.90	45.73	1.83	1.80	98.4	
45.73	48.17	2.44	2.30	94.3	
48.17	49.70	1.53	1.70	111.1	
49.70	52.74	3.04	2.30	75.7	
52.74	55.79	3.05	2.40	78.7	
55.79	58.84	3.05	2.00	65.6	
58.84	61.89	3.05	2.40	78.7	
61.89	64.94	3.05	2.30	75.4	
64.94	68.00	3.06	2.30	75.2	
68.00	71.04	3.04	2.00	65.8	
71.04	74.13	3.09	2.00	64.7	
74.13	77.13	3.00	2.70	90.0	
77.13	77.74	0.61	0.30	49.2	
77.74	78.96	1.22	1.00	82.0	
78.96	79.88	0.92	0.30	32.6	
79.88	81.10	1.22	0.70	57.4	
81.10	81.71	0.61	0.25	41.0	
81.71	82.93	1.22	0.80	65.6	

PINE ZONE DRILLHOLE RECOVERY DATA
P98-1 (all data in metres)

FROM	TO	LENGTH	CORE RECOVERED	% RECOVERY	COMMENTS
82.93	84.00	1.07	0.35	32.7	
84.00	84.60	0.60	0.40	66.7	
84.60	85.98	1.38	0.70	50.7	
85.98	86.74	0.76	0.80	105.3	
86.74	87.50	0.76	0.60	78.9	
87.50	88.56	1.06	0.80	75.5	
88.56	89.94	1.38	0.65	47.1	
89.94	90.70	0.76	0.50	65.8	
90.70	92.22	1.52	1.10	72.4	
92.22	93.60	1.38	1.10	79.7	
93.60	95.12	1.52	1.40	92.1	
95.12	96.04	0.92	1.00	108.7	
96.04	96.65	0.61	0.45	73.8	
96.65	98.17	1.52	0.85	55.9	
98.17	99.09	0.92	1.00	108.7	
99.09	99.70	0.61	0.55	90.2	
99.70	100.61	0.91	0.80	87.9	
100.61	101.22	0.61	0.60	98.4	
101.22	102.13	0.91	0.90	98.9	
102.13	103.35	1.22	1.20	98.4	
103.35	104.42	1.07	1.00	93.5	
104.42	106.10	1.68	1.60	95.2	
106.10	107.00	0.90	1.00	111.1	
107.00	107.62	0.62	0.35	56.5	
107.62	109.45	1.83	0.85	46.4	
109.45	110.67	1.22	1.00	82.0	
110.67	113.72	3.05	3.00	98.4	
113.72	116.77	3.05	3.00	98.4	
116.77	119.82	3.05	3.00	98.4	
	E.O.H.				

PINE ZONE DRILLHOLE RECOVERY DATA
P98-2 (all data in metres)

FROM	TO	LENGTH	CORE RECOVERED	% RECOVERY	COMMENTS
0.00	17.07	17.07	0.00	0.0	Casing
17.07	63.80	46.73	46.73	100.0	Dike
63.80	67.68	3.88	0.85	21.9	
67.68	70.73	3.05	2.80	91.8	
70.73	71.65	0.92	0.75	81.5	
71.65	72.26	0.61	0.70	114.8	
72.26	73.32	1.06	1.00	94.3	
73.32	75.00	1.68	1.68	100.0	
75.00	76.37	1.37	1.30	94.9	
76.37	77.89	1.52	1.50	98.7	
77.89	79.27	1.38	1.35	97.8	
79.27	80.18	0.91	0.75	82.4	
80.18	80.71	0.53	0.50	94.3	
80.71	81.40	0.69	0.50	72.5	
81.40	82.62	1.22	0.75	61.5	
82.62	83.23	0.61	0.35	57.4	
83.23	84.76	1.53	1.40	91.5	
84.76	85.82	1.06	0.70	66.0	
85.82	87.35	1.53	0.55	35.9	
87.35	89.02	1.67	1.50	89.8	
89.02	90.39	1.37	1.00	73.0	
90.39	91.16	0.77	0.40	51.9	
91.16	92.68	1.52	0.70	46.1	
92.68	94.21	1.53	1.10	71.9	
94.21	94.51	0.30	0.35	116.7	
94.51	95.88	1.37	0.10	7.3	
95.88	96.95	1.07	0.15	14.0	Sand
96.95	98.48	1.53	1.70	111.1	
98.48	100.15	1.67	1.50	89.8	
100.15	101.52	1.37	1.20	87.6	
101.52	102.44	0.92	0.75	81.5	
102.44	103.20	0.76	0.75	98.7	
103.20	103.75	0.55	0.50	90.9	
103.75	105.49	1.74	1.10	63.2	
105.49	107.32	1.83	1.00	54.6	
107.32	110.37	3.05	2.60	85.2	
110.37	113.41	3.04	1.60	52.6	
113.41	116.46	3.05	2.20	72.1	
116.46	119.51	3.05	0.30	9.8	
119.51	122.56	3.05	1.30	42.6	
122.56	125.61	3.05	1.60	52.5	
125.61	128.66	3.05	1.10	36.1	End of broken zone
128.66				100.0	

PINE ZONE DRILLHOLE RECOVERY DATA
P98-3 (all data in metres)

FROM	TO	LENGTH	CORE RECOVERED	% RECOVERY	COMMENTS
0.00	14.33	14.33	0.00	0.0	Casing
14.33	16.46	2.13	0.85	39.9	
16.46	17.07	0.61	0.10	16.4	
17.07	17.99	0.92	0.35	38.0	
17.99	18.40	0.41	0.20	48.8	
18.40	20.43	2.03	0.80	39.4	
20.43	21.34	0.91	0.55	60.4	
21.34	21.65	0.31	0.15	48.4	
21.65	21.95	0.30	0.45	150.0	
21.95	22.87	0.92	0.35	38.0	
22.87	23.90	1.03	1.10	106.8	
23.90	24.39	0.49	0.55	112.2	
24.39	25.00	0.61	0.75	123.0	
25.00	25.61	0.61	0.55	90.2	
25.61	26.52	0.91	0.75	82.4	
26.52	27.13	0.61	0.40	65.6	
27.13	27.44	0.31	0.24	77.4	
27.44	28.35	0.91	0.40	44.0	
28.35	29.27	0.92	0.35	38.0	
29.27	30.18	0.91	0.27	29.7	
30.18	31.71	1.53	0.85	55.6	
31.71	32.32	0.61	0.35	57.4	
32.32	33.23	0.91	0.10	11.0	
33.23	34.76	1.53	0.50	32.7	
34.76	35.98	1.22	1.30	106.6	
35.98	37.35	1.37	1.10	80.3	
37.35	38.41	1.06	1.20	113.2	
38.41	39.02	0.61	0.50	82.0	
39.02	40.24	1.22	1.20	98.4	
40.24	45.12	4.88	4.88	100.0	Dike
45.12	45.73	0.61	0.50	82.0	
45.73	46.95	1.22	0.65	53.3	
46.95	50.00	3.05	3.00	98.4	
50.00	53.05	3.05	2.00	65.6	
53.05	56.10	3.05	2.70	88.5	
56.10	59.15	3.05	2.00	65.6	
59.15	62.20	3.05	3.05	100.0	Dike
62.20	115.85	53.65	53.65	100.0	Dike
	E.O.H.				

PINE ZONE DRILLHOLE RECOVERY DATA
P98-4 (all data in metres)

FROM	TO	LENGTH	CORE RECOVERED	% RECOVERY	COMMENTS
0.00	3.96	3.96	0.00	0.0	Casing
3.96	4.57	0.61	0.50	82.0	
4.57	5.21	0.64	0.53	82.8	
5.21	5.79	0.58	0.30	51.7	
5.79	6.86	1.07	1.00	93.5	
6.86	8.38	1.52	1.40	92.1	
8.38	9.45	1.07	0.75	70.1	
9.45	10.21	0.76	0.35	46.1	
10.21	10.82	0.61	0.45	73.8	
10.82	12.20	1.38	1.00	72.5	
12.20	13.41	1.21	1.00	82.6	
13.41	14.63	1.22	1.20	98.4	Dike
14.63	15.55	0.92	0.70	76.1	
15.55	16.77	1.22	1.00	82.0	
16.77	17.83	1.06	0.80	75.5	
17.83	18.44	0.61	0.30	49.2	
18.44	19.05	0.61	0.40	65.6	
19.05	19.82	0.77	0.55	71.4	
19.82	20.12	0.30	0.20	66.7	
20.12	20.73	0.61	0.60	98.4	
20.73	21.65	0.92	0.30	32.6	
21.65	22.56	0.91	0.50	54.9	
22.56	23.78	1.22	0.31	25.4	
23.78	25.00	1.22	0.45	36.9	
25.00	26.22	1.22	0.20	16.4	
26.22	28.05	1.83	1.40	76.5	
28.05	31.10	3.05	2.80	91.8	
31.10	34.15	3.05	3.00	98.4	Dike
34.15	37.20	3.05	2.80	91.8	Dike
37.20	40.24	3.04	1.80	59.2	
40.24	43.29	3.05	1.00	32.8	
43.29	46.34	3.05	1.60	52.5	
46.34	49.39	3.05	2.10	68.9	
49.39	52.40	3.01	1.90	63.1	
52.40	53.35	0.95	0.40	42.1	
53.35	54.27	0.92	0.15	16.3	
54.27	55.18	0.91	0.15	16.5	
55.18	56.40	1.22	0.90	73.8	
56.40	57.32	0.92	0.85	92.4	
57.32	58.49	1.17	0.35	29.9	
58.49	59.30	0.81	0.15	18.5	
59.30	59.91	0.61	0.25	41.0	
59.91	61.28	1.37	1.00	73.0	
61.28	61.89	0.61	0.40	65.6	
61.89	63.11	1.22	0.80	65.6	
63.11	64.63	1.52	0.15	9.9	
64.63	64.94	0.31	0.30	96.8	Dike
64.94	65.85	0.91	0.65	71.4	

PINE ZONE DRILLHOLE RECOVERY DATA
P98-4 (all data in metres)

FROM	TO	LENGTH	CORE RECOVERED	% RECOVERY	COMMENTS
65.85	66.46	0.61	0.50	82.0	
66.46	67.68	1.22	1.20	98.4	
67.68	68.00	0.32	0.30	93.8	
68.00	68.90	0.90	1.10	122.2	
68.90	70.58	1.68	1.60	95.2	
70.58	72.05	1.47	1.40	95.2	Dike
72.05	73.48	1.43	1.40	97.9	Dike
73.48	75.00	1.52	1.00	65.8	
75.00	75.91	0.91	0.40	44.0	
75.91	76.52	0.61	0.25	41.0	
76.52	76.83	0.31	0.35	112.9	
76.83	77.44	0.61	0.50	82.0	
77.44	78.35	0.91	0.40	44.0	
78.35	79.88	1.53	1.00	65.4	
79.88	80.49	0.61	0.60	98.4	
80.49	82.93	2.44	2.30	94.3	
82.93	85.98	3.05	2.15	70.5	
85.98	89.02	3.04	1.40	46.1	
89.02	92.07	3.05	0.20	6.6	
92.07	95.12	3.05	0.15	4.9	
95.12	98.17	3.05	0.25	8.2	
98.17	98.78	0.61	0.40	65.6	
98.78	99.85	1.07	1.00	93.5	
99.85	100.91	1.06	1.20	113.2	
100.91	102.13	1.22	0.35	28.7	
102.13	103.05	0.92	0.20	21.7	
103.05	103.46	0.41	1.00	243.9	
103.46	105.00	1.54	0.80	51.9	
105.00	106.40	1.40	0.40	28.6	
106.40	107.01	0.61	0.55	90.2	
107.01	107.62	0.61	0.45	73.8	
107.62	108.54	0.92	0.20	21.7	
108.54	109.45	0.91	0.20	22.0	
109.45	110.37	0.92	0.30	32.6	
110.37	111.59	1.22	1.20	98.4	
111.59	112.20	0.61	0.50	82.0	
112.20	112.80	0.60	0.40	66.7	
112.80	113.41	0.61	0.75	123.0	
113.41	113.87	0.46	0.45	97.8	
113.87	114.33	0.46	0.60	130.4	
114.33	114.63	0.30	0.20	66.7	
114.63	115.24	0.61	0.60	98.4	
115.24	116.46	1.22	1.10	90.2	
116.46	117.99	1.53	0.70	45.8	
117.99	118.60	0.61	0.60	98.4	
118.60	119.21	0.61	0.45	73.8	
119.21	120.43	1.22	0.55	45.1	
120.43	120.88	0.45	0.35	77.8	

PINE ZONE DRILLHOLE RECOVERY DATA
P98-4 (all data in metres)

FROM	TO	LENGTH	CORE RECOVERED	% RECOVERY	COMMENTS
120.88	121.34	0.46	0.70	152.2	
121.34	122.26	0.92	0.08	8.7	
122.26	125.61	3.35	2.20	65.7	
125.61	128.66	3.05	2.80	91.8	
128.66	130.18	1.52	0.30	19.7	
130.18	131.71	1.53	1.00	65.4	
131.71	133.23	1.52	0.80	52.6	
133.23	134.45	1.22	1.20	98.4	

PINE ZONE DRILLHOLE RECOVERY DATA
P98-5 (all data in metres)

FROM	TO	LENGTH	CORE RECOVERED	% RECOVERY	COMMENTS
0.00	17.07	17.07	0.00	0.0	Casing
17.07	18.90	1.83	0.87	47.5	
18.90	21.95	3.05	1.80	59.0	
21.95	25.00	3.05	1.00	32.8	
25.00	28.50	3.50	1.80	51.4	
28.50	31.10	2.60	2.60	100.0	
31.10	34.50	3.40	2.40	70.6	
34.50	37.20	2.70	2.80	103.7	
37.20	40.24	3.04	1.30	42.8	
40.24	43.29	3.05	0.80	26.2	
43.29	46.34	3.05	1.00	32.8	
46.34	49.39	3.05	1.40	45.9	
49.39	52.44	3.05	3.00	98.4	
52.44	55.49	3.05	2.10	68.9	
55.49	58.54	3.05	2.30	75.4	
58.54	61.59	3.05	2.80	91.8	
61.59	64.63	3.04	3.00	98.7	Dike
64.63	80.49	15.86	15.86	100.0	Dike
80.49	81.10	0.61	0.45	73.8	
81.10	82.01	0.91	0.40	44.0	
82.01	82.93	0.92	0.50	54.3	
82.93	83.38	0.45	0.50	111.1	
83.38	84.91	1.53	1.50	98.0	
84.91	85.98	1.07	1.00	93.5	
85.98	86.59	0.61	0.60	98.4	
86.59	87.35	0.76	0.75	98.7	
87.35	88.11	0.76	0.90	118.4	
88.11	89.63	1.52	1.30	85.5	
89.63	90.55	0.92	1.00	108.7	
90.55	91.77	1.22	1.20	98.4	
91.77	92.38	0.61	0.60	98.4	
92.38	93.00	0.62	0.38	61.3	
93.00	93.44	0.44	0.44	100.0	
93.44	94.51	1.07	0.85	79.4	
94.51	96.34	1.83	0.90	49.2	
96.34	98.17	1.83	1.20	65.6	
98.17	101.22	3.05	0.75	24.6	
101.22				100.0	Gypsum Line

PINE ZONE DRILLHOLE RECOVERY DATA
P98-6 (all data in metres)

FROM	TO	LENGTH	CORE RECOVERED	% RECOVERY	COMMENTS
0.00	12.80	12.80	0.00	0.0	Casing
12.80	15.85	3.05	2.70	88.5	
15.85	19.51	3.66	0.90	24.6	
19.51	22.56	3.05	1.00	32.8	
22.56	25.61	3.05	1.80	59.0	
25.61	28.66	3.05	2.00	65.6	
28.66	31.71	3.05	1.30	42.6	
31.71	34.76	3.05	0.80	26.2	
34.76	37.80	3.04	0.50	16.4	
37.80	40.85	3.05	0.30	9.8	
40.85	43.90	3.05	0.60	19.7	
43.90	45.43	1.53	0.33	21.6	
45.43	46.95	1.52	0.17	11.2	
46.95	47.87	0.92	0.20	21.7	
47.87	49.39	1.52	0.35	23.0	
49.39	50.91	1.52	0.01	0.7	
50.91	53.05	2.14	0.10	4.7	
53.05	56.10	3.05	0.12	3.9	
56.10	57.32	1.22	0.30	24.6	
57.32	59.15	1.83	0.40	21.9	Dike
59.15	61.89	2.74	0.30	10.9	
61.89	65.24	3.35	0.15	4.5	
65.24	68.29	3.05	0.20	6.6	
68.29	71.34	3.05	0.60	19.7	
71.34	74.39	3.05	0.15	4.9	
74.39	77.44	3.05	0.15	4.9	
77.44	80.49	3.05	0.15	4.9	
80.49	87.80	7.31	0.00	0.0	No core
87.80	89.02	1.22	0.08	6.6	
89.02	92.68	3.66	0.40	10.9	
92.68	95.73	3.05	0.45	14.8	
95.73	96.30	0.57	0.60	105.3	End of broken zone
96.30	121.95	25.65	25.65	100.0	

PINE ZONE DRILLHOLE RECOVERY DATA
P98-7 (all data in metres)

FROM	TO	LENGTH	CORE RECOVERED	% RECOVERY	COMMENTS
0.00	4.88	4.88	0.00	0.0	Casing
4.88	5.79	0.91	0.35	38.5	
5.79	8.23	2.44	0.95	38.9	
8.23	9.45	1.22	0.35	28.7	
9.45	10.98	1.53	0.50	32.7	
10.98	12.50	1.52	0.30	19.7	
12.50	14.02	1.52	0.60	39.5	
14.02	15.55	1.53	0.65	42.5	
15.55	17.07	1.52	0.35	23.0	
17.07	19.21	2.14	1.00	46.7	
19.21	20.73	1.52	0.05	3.3	
20.73	21.65	0.92	0.08	8.7	
21.65	24.70	3.05	0.50	16.4	
24.70	28.05	3.35	0.50	14.9	
28.05	31.10	3.05	0.40	13.1	
31.10	34.15	3.05	0.80	26.2	
34.15	37.20	3.05	0.90	29.5	
37.20	40.24	3.04	0.05	1.6	
40.24	43.29	3.05	1.10	36.1	
43.29	46.34	3.05	0.65	21.3	
46.34	49.39	3.05	0.30	9.8	
49.39	52.44	3.05	0.05	1.6	
52.44	55.49	3.05	1.00	32.8	
55.49	58.54	3.05	0.01	0.3	
58.54	61.59	3.05	2.10	68.9	Dike
61.59	64.63	3.04	3.00	98.7	Dike
64.63	67.68	3.05	0.65	21.3	
67.68	70.73	3.05	0.40	13.1	
70.73	72.87	2.14	0.75	35.0	
72.87	73.78	0.91	0.30	33.0	
73.78	75.00	1.22	1.00	82.0	
75.00	76.22	1.22	0.80	65.6	
76.22	76.83	0.61	0.50	82.0	
76.83	78.05	1.22	0.60	49.2	

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FAX (250) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

8V-0375-RA1

Company: **STEALTH MIINNG CORPORATION**
Project: PINE
Attn: D.BLANN

Jul-03-98

We *hereby certify* the following Assay of 24 CORE samples submitted Jun-30-98 by D.BLANN.

Sample Name	Au-fire g/tonne	Au-fire g/tonne	Cu %	Cu %
291651	0.06		0.016	0.015
291652	0.04		0.017	
291653	0.03		0.016	
291654	0.03		0.019	
291655	0.01	0.02	0.012	
291656	0.02		0.024	
291657	0.03		0.019	
291658	0.04		0.021	
291659	0.03		0.023	
291660	0.04	0.06	0.024	0.024
291661	0.01		0.002	
291662	0.01		0.024	
291663	0.01		0.027	
291664	0.01		0.026	
291665	0.01	0.02	0.027	
291666	0.02		0.022	
291667	0.03		0.034	
291668	0.01		0.027	
291669	0.02		0.014	
291670	0.07	0.08	0.023	0.023
291671	0.04		0.015	
291672	0.01		0.009	
291673	0.02		0.012	
291674	0.03		0.017	
*HV-1			0.521	
*CMS-92			0.509	
*96-2	0.68			
*BLANK	0.01		<0.001	

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Quality Assaying for over 25 Years

Assay Certificate

8V-0375-RA2

Company: **STEALTH MIINNG CORPORATION**
Project: PINE
Attn: D.BLANN

Jul-03-98

We *hereby certify* the following Assay of 24 CORE samples submitted Jun-30-98 by D.BLANN.

Sample Name	Au-fire g/tonne	Au-fire g/tonne	Cu %	Cu %
291675	0.01		0.015	0.015
291676	0.01		0.005	
291677	0.01		0.001	
291678	0.01		0.010	
291679	0.02	0.02	0.019	
291680	0.01		0.073	
291681	0.02		0.021	
291682	0.02		0.021	
291683	0.03		0.059	
291684	0.01	0.02	0.014	0.015
291685	0.02		0.008	
291686	0.01		0.001	
291687	0.02		0.009	
291688	0.01		0.003	
291689	0.01	0.01	0.007	
291690	0.01		0.008	
291691	0.02		0.014	
291692	0.01		0.028	
291693	0.02		0.026	
291694	0.11	0.11	0.047	0.046
291695	0.07		0.024	
291696	0.06		0.023	
291697	0.06		0.016	
291698	0.10		0.021	
*HV-1			0.520	
*CMS-92			0.510	
*96-2	0.72			
*BLANK	0.01		<0.001	

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Assay Certificate

8V-0375-RA3

Company: **STEALTH MIINNG CORPORATION**
Project: PINE
Attn: D.BLANN

Jul-03-98

We *hereby certify* the following Assay of 7 CORE samples submitted Jun-30-98 by D.BLANN.

Sample Name	Au-fire g/tonne	Au-fire g/tonne	Cu %	Cu %
291699	0.09		0.030	0.030
291700	0.09		0.050	
291701	0.18	0.18	0.099	
291702	0.10		0.083	
291703	0.28		0.131	
291704	0.17		0.083	
291705	0.11	0.11	0.112	
*HV-1			0.519	
*CMS-92			0.509	
*96-2	0.70			
*BLANK	0.01		<0.001	

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Quality Assaying for over 25 Years

Assay Certificate

8V-0381-RA1

Jul-06-98

Company: **STEALTH MINING**
Project: PINE
Attn: D.BLANN

We *hereby certify* the following Assay of 24 CORE samples submitted Jul-03-98 by D.BLANN.

Sample Name	Au-fire g/tonne	Au-fire g/tonne	Cu %	Cu %
291706	0.14		0.078	0.079
291707	0.17		0.103	
291708	0.22		0.068	
291709	0.14		0.050	
291710	0.08	0.07	0.046	
291711	0.09		0.053	
291712	0.11		0.054	
291713	0.01		0.002	
291714	0.30		0.112	
291715	0.34	0.38	0.128	0.103
291716	0.39		0.190	
291717	0.27		0.137	
291718	0.26		0.105	
291719	0.28		0.110	
291720	0.25	0.24	0.101	
291721	0.06		0.035	
291722	0.06		0.036	
291723	0.08		0.035	
291724	0.07		0.024	
291725	0.03	0.03	0.034	0.034
291726	0.03		0.052	
291727	0.04		0.054	
291728	0.09		0.043	
291729	0.04		0.036	
*HV-1			0.519	
*CMS-92			0.511	
*96-2	0.71			
*BLANK	0.01		<0.001	

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Quality Assaying for over 25 Years

Assay Certificate

8V-0381-RA2

Company: **STEALTH MINING**
Project: PINE
Attn: D.BLANN

Jul-06-98

We *hereby certify* the following Assay of 22 CORE samples submitted Jul-03-98 by D.BLANN.

Sample Name	Au-fire g/tonne	Au-fire g/tonne	Cu %	Cu %
291730	0.06		0.038	0.037
291731	0.02		0.038	
291732	0.01		0.043	
291733	0.02		0.051	
291734	0.04	0.03	0.047	
291735	0.03		0.026	
291736	0.02		0.053	
291737	0.03		0.048	
291738	0.02		0.034	
291739	0.04	0.03	0.034	0.034
291740	0.01		0.013	
291741	0.04		0.041	
291742	0.07		0.037	
291743	0.12		0.044	
291744	0.04	0.04	0.035	
291745	0.03		0.062	
291746	0.08		0.050	
291747	0.08		0.072	
291748	0.10		0.037	
291749	0.09	0.08	0.028	0.028
291750	0.05		0.050	
291751	0.01		0.008	
*HV-1			0.522	
*CMS-92			0.510	
*96-2	0.72			
*BLANK	0.01		<0.001	

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Quality Assaying for over 25 Years

Assay Certificate

8V-0386-RA1

Company: **STEALTH MINING**
Project:
Attn: DAVE BLANN

Jul-08-98

We *hereby certify* the following Assay of 50 CORE SAMPLES samples submitted Jul-07-98 by DAVE BLANN.

Sample Name	Au-fire g/tonne	Au-fire g/tonne	Cu %	Cu %
291752	0.20		0.030	0.029
291753	0.15		0.063	
291754	0.22		0.097	
291755	0.34		0.052	
291756	0.12	0.12	0.035	
291757	0.12		0.034	
291758	0.16		0.049	
291759	0.23		0.050	
291760	0.75		0.070	
291761	0.79	0.82	0.071	0.071
291762	0.61		0.091	
291763	0.55		0.101	
291764	0.52		0.143	
291765	0.14		0.127	
291766	0.42	0.44	0.105	
291767	0.43		0.118	
291768	0.18		0.062	
291769	0.13		0.063	
291770	0.20		0.060	
291771	0.16	0.15	0.056	0.056
291772	0.44		0.114	
291773	0.34		0.127	
291774	0.25		0.092	
291775	0.31		0.093	
*HV-1			0.522	
*CMS-92			0.509	
*96-2	0.70			
*BLANK	0.01		<0.001	

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TELEPHONE (250) 847-3004
FAX (250) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

8V-0386-RA2

Company: **STEALTH MINING**
Project:
Attn: DAVE BLANN

Jul-08-98

We *hereby certify* the following Assay of 50 CORE SAMPLES samples submitted Jul-07-98 by DAVE BLANN.

Sample Name	Au-fire g/tonne	Au-fire g/tonne	Cu %	Cu %
291776	0.33		0.127	0.126
291777	0.49		0.130	
291778	0.38		0.108	
291779	0.09		0.053	
291780	0.06	0.10	0.056	
291781	0.17		0.087	
291782	0.18		0.083	
291783	0.26		0.086	
291784	0.31		0.092	
291785	0.22	0.23	0.094	0.093
291786	0.28		0.084	
291787	0.44		0.069	
291788	0.43		0.076	
291789	0.15		0.053	
291790	0.27	0.31	0.066	
291791	0.16		0.074	
291792	0.26		0.094	
291793	0.23		0.081	
291794	0.25		0.122	
291795	0.97	0.83	0.137	0.137
291796	0.16		0.089	
291797	0.01		0.006	
291798	0.10		0.009	
291799	0.10		0.102	
*HV-1			0.519	
*CMS-92			0.510	
*96-2	0.72			
*BLANK	0.01		<0.001	

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Quality Assaying for over 25 Years

Assay Certificate

8V-0386-RA3

Company: **STEALTH MINING**
Project:
Attn: DAVE BLANN

Jul-08-98

We *hereby certify* the following Assay of 50 CORE SAMPLES samples submitted Jul-07-98 by DAVE BLANN.

Sample Name	Au-fire g/tonne	Au-fire g/tonne	Cu %	Cu %
291800	0.12		0.126	0.128
300001	0.19	0.20	0.141	
*HV-1			0.524	
*CMS-92			0.511	
*96-2	0.74			
*BLANK	0.01		<0.001	

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Assay Certificate

8V-0439-RA1

Company: **STEALTH MINING**
Project:
Attn: D.BLANN

Jul-22-98

We *hereby certify* the following Assay of 24 CORE samples submitted Jul-17-98 by D.BLANN.

Sample Name	Au-fire g/tonne	Au-fire g/tonne	Cu %	Cu %
300002	0.18		0.107	0.108
300003	0.11		0.107	
300004	0.12		0.109	
300005	0.15		0.078	
300006	0.08		0.082	
300007	0.26	0.27	0.115	
300008	0.26		0.127	
300009	0.13		0.088	
300010	0.15		0.081	
300011	0.36	0.37	0.153	0.151
300012	0.19		0.130	
300013	0.29		0.153	
300014	0.23		0.148	
300015	0.35		0.151	
300016	0.32		0.165	
300017	0.16		0.170	
300018	0.49		0.202	
300019	0.25		0.116	
300020	0.35		0.139	
300021	0.19		0.140	0.142
300022	0.04		0.040	
300023	0.04	0.05	0.043	
300024	0.03		0.032	
300025	0.02		0.026	
*HV-1			0.524	
*CMS-92			0.509	
*96-2	0.72			
*BLANK	0.01		<0.001	

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Quality Assaying for over 25 Years

Assay Certificate

8V-0439-RA2

Company: **STEALTH MINING**
Project:
Attn: D.BLANN

Jul-22-98

We *hereby certify* the following Assay of 24 CORE samples submitted Jul-17-98 by D.BLANN.

Sample Name	Au-fire g/tonne	Au-fire g/tonne	Cu %	Cu %
300026	0.05		0.030	0.031
300027	0.04		0.026	
300028	0.02		0.018	
300029	0.18		0.035	
300030	0.06	0.07	0.040	
300031	0.11		0.021	
300032	0.16		0.069	
300033	0.18		0.044	
300034	0.14		0.032	
300035	0.18	0.19	0.030	0.029
300036	1.34		0.072	
300037	0.11		0.022	
300038	0.12		0.082	
300039	0.11		0.081	
300040	0.08	0.10	0.047	
300041	0.12		0.044	
300042	0.10		0.109	
300043	0.07		0.081	
300044	0.07		0.081	
300045	0.06	0.07	0.044	0.043
300046	0.07		0.079	
300047	0.17		0.094	
300048	0.14		0.060	
300049	0.11		0.038	
*HV-1			0.524	
*CMS-92			0.510	
*97-3	0.70			
*BLANK	0.01		<0.001	

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Quality Assaying for over 25 Years

Assay Certificate

8V-0439-RA3

Company: **STEALTH MINING**
Project:
Attn: D.BLANN

Jul-22-98

We *hereby certify* the following Assay of 19 CORE samples submitted Jul-17-98 by D.BLANN.

Sample Name	Au-fire g/tonne	Au-fire g/tonne	Cu %	Cu %
300050	0.20		0.053	0.052
300051	0.26		0.101	
300052	0.36		0.068	
300053	0.20		0.075	
300054	0.23	0.26	0.049	
300055	0.39		0.072	
300056	0.16		0.040	
300057	0.04		0.019	
300058	0.04		0.044	
300059	0.09	0.10	0.043	0.042
300060	0.13		0.050	
300061	0.11		0.058	
300062	0.17		0.088	
300063	0.15		0.050	
300064	0.01	0.01	0.001	
300065	0.01		0.001	
300066	0.01		0.001	
300067	0.03		0.001	
300068	0.47		0.043	
*HV-1			0.520	
*CMS-92			0.511	
*96-2	0.74			
*BLANK	0.01		<0.001	

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Quality Assaying for over 25 Years

Assay Certificate

8V-0455-RA1

Company: **STEALTH MINING**
Project:
Attn: D.BLANN

Jul-23-98

We *hereby certify* the following Assay of 24 CORE samples submitted Jul-21-98 by D.BLANN.

Sample Name	Au-fire g/tonne	Au-fire g/tonne	Cu %	Cu %
300069	0.07		0.004	0.004
300070	0.05		0.008	
300071	0.04		0.007	
300072	0.04		0.004	
300073	0.01	0.01	0.006	
300074	0.06		0.004	
300075	0.07		0.004	
300076	0.05		0.006	
300077	0.09		0.004	
300078	0.09	0.09	0.004	0.004
300079	0.14		0.007	
300080	0.17		0.010	
300081	0.16		0.005	
300082	0.20		0.006	
300083	0.39	0.35	0.012	
300084	0.18		0.006	
300085	0.12		0.004	
300086	0.35		0.031	
300087	0.39		0.015	
300088	0.24	0.21	0.012	0.012
300089	0.12		0.012	
300090	0.26		0.024	
300091	0.01		0.002	
300092	0.07		0.009	
*HV-1			0.521	
*CMS-92			0.509	
*97-3	0.72			
*BLANK	0.01		<0.001	

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Quality Assaying for over 25 Years

Assay Certificate

8V-0455-RA2

Company: **STEALTH MINING**
Project:
Attn: D.BLANN

Jul-23-98

We *hereby certify* the following Assay of 24 CORE samples submitted Jul-21-98 by D.BLANN.

Sample Name	Au-fire g/tonne	Au-fire g/tonne	Cu %	Cu %
300093	0.08		0.012	0.012
300094	0.09		0.007	
300095	0.07		0.006	
300096	0.08		0.005	
300097	0.20	0.19	0.016	
300098	0.09		0.008	
300099	0.14		0.014	
300100	0.01		0.010	
300101	0.15		0.019	
300102	0.14	0.13	0.017	0.017
300103	0.17		0.014	
300104	0.07		0.013	
300105	0.10		0.016	
300106	0.11		0.028	
300107	0.08	0.07	0.019	
300108	0.07		0.020	
300109	0.11		0.023	
300110	0.17		0.031	
300111	0.12		0.034	
300112	0.15	0.13	0.025	0.025
300113	0.16		0.031	
300114	1.50		0.127	
300115	0.26		0.065	
300116	0.18		0.029	
*HV-1			0.523	
*CMS-92			0.510	
*97-3	0.73			
*BLANK	0.01		<0.001	

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Quality Assaying for over 25 Years

Assay Certificate

8V-0455-RA3

Company: **STEALTH MINING**
Project:
Attn: D.BLANN

Jul-23-98

We *hereby certify* the following Assay of 24 CORE samples submitted Jul-21-98 by D.BLANN.

Sample Name	Au-fire g/tonne	Au-fire g/tonne	Cu %	Cu %
300117	0.13		0.036	0.037
300118	0.16		0.045	
300119	0.11		0.032	
300120	0.16		0.053	
300121	0.08	0.07	0.052	
300122	0.12		0.051	
300123	0.20		0.063	
300124	0.15		0.056	
300125	0.28		0.084	
300126	0.23	0.21	0.057	0.056
300127	0.19		0.055	
300128	0.16		0.060	
300129	0.40		0.102	
300130	0.27		0.094	
300131	0.22	0.20	0.054	
300132	0.26		0.172	
300133	0.23		0.078	
300134	0.39		0.095	
300135	0.30		0.106	
300136	0.22	0.21	0.087	0.086
300137	0.37		0.110	
300138	0.06		0.021	
300139	0.30		0.128	
300140	1.05		0.143	
*HV-1			0.520	
*CMS-92			0.508	
*96-2	0.69			
*BLANK	0.01		<0.001	

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Quality Assaying for over 25 Years

Assay Certificate

8V-0455-RA4

Company: **STEALTH MINING**
Project:
Attn: D.BLANN

Jul-23-98

We *hereby certify* the following Assay of 24 CORE samples submitted Jul-21-98 by D.BLANN.

Sample Name	Au-fire g/tonne	Au-fire g/tonne	Cu %	Cu %
300141	0.40		0.143	0.143
300142	0.20		0.097	
300143	0.16		0.079	
300144	0.15		0.104	
300145	0.02	0.03	0.019	
300146	0.17		0.071	
300147	0.17		0.094	
300148	0.38		0.122	
300149	0.18		0.095	
300150	0.17	0.17	0.083	0.084
300151	0.19		0.112	
300152	0.18		0.119	
300153	0.24		0.132	
300154	0.16		0.105	
300155	0.27	0.24	0.138	
300156	0.39		0.161	
300157	0.28		0.172	
300158	0.17		0.120	
300159	0.21		0.138	
300160	0.41	0.37	0.188	0.189
300161	0.31		0.183	
300162	0.28		0.161	
300163	0.18		0.126	
300164	0.24		0.118	
*HV-1			0.519	
*CMS-92			0.511	
*97-3	0.71			
*BLANK	0.01		<0.001	

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Assay Certificate

8V-0455-RA5

Company: **STEALTH MINING**
Project:
Attn: D.BLANN

Jul-23-98

We *hereby certify* the following Assay of 5 CORE samples submitted Jul-21-98 by D.BLANN.

Sample Name	Au-fire g/tonne	Au-fire g/tonne	Cu %	Cu %
300165	0.18		0.175	0.177
300166	0.17	0.16	0.027	
300167	0.13		0.098	
300168	0.19		0.132	
300169	0.21		0.174	
*HV-1			0.523	
*CMS-92			0.510	
*97-3	0.72			
*BLANK	0.01		<0.001	

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Quality Assaying for over 25 Years

Assay Certificate

8V-0480-RA1

Company: **STEALTH MINING**
Project:
Attn: D. BLANN

Jul-29-98

We *hereby certify* the following Assay of 24 ROCK samples submitted Jan-28-98 by D. BLANN.

Sample Name	Au-fire g/tonne	Au-fire g/tonne	Cu %	Cu %
300170	0.72		0.189	0.188
300171	0.42		0.143	
300172	0.64		0.168	
300173	0.48		0.161	
300174	0.42	0.43	0.180	
300175	0.22		0.173	
300176	0.09		0.011	
300177	0.28		0.188	
300178	0.37		0.170	
300179	0.29	0.29	0.176	0.174
300180	0.34		0.178	
300181	0.32		0.175	
300182	0.01		0.004	
300183	0.70		0.306	
300184	0.53	0.55	0.215	
300185	0.78		0.312	
300186	0.35		0.265	
300187	0.32		0.128	
300188	0.62		0.196	
300189	0.52	0.56	0.140	0.139
300191	0.33		0.114	
300194	0.30		0.062	
300195	0.56		0.145	
300196	0.30		0.091	
*HV-1			0.521	
*CMS-92			0.509	
*96-2	0.68			
*BLANK	0.01		<0.001	

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Assay Certificate

8V-0480-RA2

Company: **STEALTH MINING**
Project:
Attn: D. BLANN

Jul-29-98

We *hereby certify* the following Assay of 61 CORE samples submitted Jan-28-98 by D. BLANN.

Sample Name	Au-fire g/tonne	Au-fire g/tonne	Cu %	Cu %
300197	0.49		0.143	0.142
300198	0.48		0.105	
300199	0.59		0.115	
300200	0.54		0.120	
300201	0.80	0.86	0.128	
300202	0.65		0.147	
300203	0.85		0.204	
300204	0.62		0.185	
300205	0.54		0.176	
300206	0.62	0.63	0.167	0.167
300207	0.01		0.005	
300208	0.57		0.221	
300209	0.72		0.204	
300210	0.54		0.127	
300211	0.88	0.96	0.156	
300212	0.48		0.097	
300213	0.86		0.159	
300214	0.91		0.145	
300215	0.47		0.101	
300216	0.56	0.60	0.144	0.144
300217	0.31		0.107	
300218	0.43		0.102	
300219	0.34		0.118	
300220	0.30		0.079	
*HV-1			0.520	
*CMS-92			0.511	
*97-3	0.70			
*BLANK	0.01		<0.001	

Certified by _____

Min-En Laboratories

MINERAL
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SPECIALISTS IN MINERAL ENVIRONMENTS
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VANCOUVER OFFICE:
8282 SHERBROOKE STREET
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TELEPHONE (604) 327-3436
FAX (604) 327-3423

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

Quality Assaying for over 25 Years

Assay Certificate

8V-0480-RA3

Company: **STEALTH MINING**
Project:
Attn: D. BLANN

Jul-29-98

We *hereby certify* the following Assay of 62 CORE samples submitted Jan-28-98 by D. BLANN.

Sample Name	Au-fire g/tonne	Au-fire g/tonne	Cu %	Cu %
300221	0.14		0.078	0.078
300222	0.29		0.089	
300223	0.15		0.080	
300224	0.19		0.086	
300225	0.31	0.28	0.134	
300226	0.34		0.087	
300227	0.26		0.122	
300228	0.34		0.151	
300229	0.32		0.148	
300230	0.22	0.21	0.119	0.118
300231	0.21		0.107	
300232	0.23		0.113	
300233	0.21		0.118	
300234	0.32		0.117	
*HV-1			0.519	
*CMS-92			0.510	
*97-3	0.72			
*BLANK	0.01		<0.001	

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TELEPHONE (250) 847-3004
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Quality Assaying for over 25 Years

Assay Certificate

8V-0496-RA1

Company: **STEALTH MINING**
Project:
Attn: D. BLANN

Aug-05-98

We *hereby certify* the following Assay of 18 CORE samples submitted Jul-31-98 by D. BLANN.

Sample Name	Au-fire g/tonne	Au-fire g/tonne	Cu %	Cu %
300190	0.34		0.127	0.126
300192	0.45		0.134	
300193	0.46		0.135	
300235	0.02		0.002	
300236	0.02	0.02	0.002	
300237	0.01		0.001	
300238	0.02		0.003	
300239	0.01		0.002	
300240	0.02		0.001	
300241	0.01	0.01	0.003	0.002
300242	0.02		0.003	
300243	0.02		0.003	
300244	0.02		0.004	
300245	0.02		0.002	
300246	0.03	0.03	0.003	
300247	0.02		0.001	
300248	0.03		0.010	
300249	0.02		0.002	
*HV-1			0.518	
*CMS-92			0.509	
*96-2	0.74			
*BLANK	<0.01			

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TELEPHONE (250) 847-3004
FAX (250) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

8V-0388-SA1

Company: **STEALTH MINING**

Jul-09-98

Project:

Attn: DAVE BLANN

We *hereby certify* the following Assay of 7 SLUDGE samples submitted Jul-07-98 by DAVE BLANN.

Sample Name	Au-fire g/tonne	Au-fire g/tonne
98-1 223-233	0.03	
98-1 233-243	0.05	0.07
98-1 255-263	0.04	
98-1 263-273	0.02	
98-1 273-283	0.05	
98-1 283-293	0.03	0.03
98-1 313-323	0.05	
*96-2	0.69	
*BLANK	0.01	

Certified by _____

Min-En Laboratories

Mineral Environments Laboratories

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

STEALTH MINING
Attention: DAVE BLANN
Project:
Sample: SLUDGE

Report No : **8V0388**
Date : Jul-09-98

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
98-1 223-233	1.2	1.02	5	270	<0.5	<5	0.55	4	12	47	565	5.13	0.12	0.61	1215	8	0.06	29	570	76	<5	3	<10	56	0.10	48	30	7	524	12
98-1 233-243	0.6	1.24	<5	130	<0.5	<5	0.69	2	10	20	425	5.43	0.16	0.79	1285	10	0.07	13	760	198	<5	3	<10	46	0.12	69	10	8	386	9
98-1 255-263	0.6	1.14	<5	70	<0.5	<5	0.84	5	9	22	423	4.18	0.11	0.63	980	10	0.06	12	580	30	<5	3	<10	92	0.10	56	10	6	551	8
98-1 263-273	0.4	1.15	<5	80	<0.5	<5	0.73	4	7	18	431	3.88	0.12	0.70	1250	18	0.04	15	620	20	<5	3	<10	120	0.11	50	20	6	513	9
98-1 273-283	1.2	1.12	<5	70	<0.5	<5	0.67	8	8	24	487	4.93	0.14	0.65	1265	14	0.05	18	680	36	<5	3	<10	87	0.10	63	20	7	881	8
98-1 283-293	0.6	1.06	<5	70	<0.5	<5	0.50	3	13	18	484	7.42	0.16	0.60	1060	12	0.05	16	570	58	<5	3	<10	49	0.10	68	20	6	367	9
98-1 313-323	0.4	1.20	<5	70	<0.5	<5	0.78	2	12	20	324	5.72	0.15	0.56	785	10	0.06	13	600	42	<5	2	<10	71	0.10	60	20	6	310	9

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

Signed:

Mineral Environments Laboratories

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

STEALTH MINING
Attention: D.BLANN
Project:
Sample: SLUDGE

Report No : 8V0440
Date : Jul-23-98

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Au-fire ppb
98#3 56-64	1.2	0.36	<5	50	<0.5	5	0.23	3	4	86	297	3.44	0.16	0.11	220	12	0.02	30	340	66	<5	<1	<10	12	<0.01	5	30	3	417	3	86
98#3 64-74	3.4	0.54	<5	60	<0.5	5	0.18	1	10	50	469	7.20	0.20	0.34	405	12	0.03	26	470	30	5	<1	<10	11	0.01	12	20	4	170	6	4568
98#3 74-84	1.0	0.49	<5	60	<0.5	5	0.21	1	13	66	618	7.88	0.20	0.25	315	16	0.04	15	570	20	<5	<1	<10	13	0.01	15	10	4	149	7	229
98#3 84-94	1.0	0.64	<5	70	<0.5	5	0.25	<1	10	43	760	6.87	0.23	0.32	345	12	0.04	20	640	16	<5	<1	<10	15	0.02	17	10	5	89	6	123
98#3 94-104	1.0	0.59	<5	70	<0.5	5	0.22	1	14	82	832	7.85	0.22	0.26	260	20	0.03	23	410	26	5	<1	<10	14	0.01	13	20	3	127	6	200
98#3 104-114	0.8	0.73	<5	70	<0.5	5	0.31	1	13	49	591	7.61	0.21	0.30	470	20	0.03	21	450	24	<5	1	<10	20	0.03	23	20	4	220	7	300
98#3 114-124	1.4	0.83	<5	70	<0.5	<5	0.36	1	11	58	575	6.24	0.18	0.43	570	14	0.04	15	490	20	<5	1	<10	21	0.05	30	10	5	149	6	289
98#3 124-134	0.2	0.51	<5	80	<0.5	5	0.54	<1	10	52	321	5.20	0.17	0.20	435	8	0.07	15	330	24	<5	1	<10	19	0.01	15	10	4	79	10	206
98#3 144-154	0.4	0.38	<5	140	<0.5	<5	0.58	<1	7	68	384	4.37	0.17	0.15	340	10	0.07	41	300	12	<5	<1	<10	17	0.01	9	30	3	146	8	69
98#3 154-164	0.2	0.80	<5	50	<0.5	<5	0.34	<1	13	58	528	5.12	0.20	0.44	365	16	0.05	16	430	14	<5	1	<10	18	0.04	19	10	5	97	5	111
98#3 164-174	0.4	1.01	<5	60	<0.5	<5	0.39	<1	12	53	581	5.53	0.19	0.62	505	16	0.04	19	460	10	<5	1	<10	22	0.03	25	10	5	111	5	202
98#3 174-184	0.4	0.77	<5	60	<0.5	<5	0.25	<1	13	49	765	6.29	0.17	0.54	420	14	0.04	18	440	18	<5	1	<10	12	0.01	25	10	4	89	5	125
98#3 184-194	0.8	0.68	<5	120	<0.5	5	0.65	<1	15	58	785	7.50	0.16	0.31	280	14	0.03	20	440	18	<5	<1	<10	18	0.01	25	10	4	86	6	260
98#4 13-22	0.2	0.34	<5	130	<0.5	5	0.06	2	13	63	114	8.12	0.19	0.07	115	2	0.05	21	750	80	<5	1	<10	21	0.02	13	10	3	258	10	105
98#4 22-32	1.0	0.41	<5	130	<0.5	10	0.21	8	18	60	148	8.25	0.19	0.02	60	4	0.03	10	950	118	<5	<1	<10	12	0.03	11	<10	5	585	9	73
98#4 32-42	0.6	0.35	10	120	<0.5	5	0.15	6	13	56	103	7.89	0.19	0.05	95	2	0.03	10	1040	106	<5	<1	<10	10	0.01	11	10	4	559	9	145
98#4 42-52	21.4	0.90	5	110	<0.5	<5	0.50	9	14	57	91	7.05	0.19	0.37	150	2	0.06	16	840	46	<5	1	<10	76	0.04	23	<10	7	789	11	79
98#4 52-62	0.2	0.57	15	140	<0.5	<5	0.36	9	13	45	100	6.20	0.21	0.10	195	2	0.04	11	890	108	<5	1	<10	20	0.05	13	10	6	755	8	110
98#4 62-72	0.2	0.85	25	110	<0.5	<5	0.56	6	16	60	129	6.27	0.19	0.37	240	2	0.09	33	880	66	5	1	<10	43	0.07	24	20	7	687	9	101
98#4 72-82	0.2	0.44	10	120	<0.5	5	0.30	4	15	42	146	6.93	0.22	0.10	180	2	0.04	25	870	118	<5	1	<10	19	0.03	13	20	5	406	8	155
98#4 82-92	0.6	0.48	10	90	<0.5	5	0.32	10	16	56	155	7.77	0.19	0.12	205	4	0.04	18	790	214	<5	1	<10	19	0.03	17	10	5	1009	12	314
98#4 92-102	0.6	0.52	15	100	<0.5	5	0.32	10	14	37	188	7.45	0.20	0.19	295	2	0.04	14	760	84	<5	1	<10	21	0.05	18	10	6	1026	13	226
98#4 122-132	0.2	0.51	30	150	<0.5	5	0.37	3	15	49	131	6.71	0.20	0.14	190	2	0.04	15	830	44	<5	1	<10	15	0.05	18	10	6	330	8	264
98#4 132-142	0.2	0.57	25	130	<0.5	5	0.35	6	18	41	165	7.53	0.22	0.12	210	2	0.03	14	750	58	5	<1	<10	18	0.03	13	10	5	632	8	345
98#4 142-152	0.8	0.35	5	90	<0.5	5	0.23	3	19	40	110	7.70	0.20	0.08	145	4	0.03	12	730	38	<5	<1	<10	10	0.01	12	10	4	337	8	356
98#4 152-162	5.8	0.31	5	80	<0.5	5	0.20	5	21	59	247	7.61	0.19	0.07	185	10	0.02	15	760	50	5	<1	<10	9	0.02	11	10	4	481	8	653
98#4 162-172	5.4	0.51	10	320	<0.5	<5	0.36	7	13	50	197	4.86	0.20	0.11	240	14	0.02	12	820	122	<5	<1	<10	24	0.04	10	10	6	681	6	437
98#4 172-182	7.0	0.56	10	140	0.5	<5	0.42	14	12	69	233	4.52	0.20	0.09	215	28	0.02	19	810	206	<5	<1	<10	24	0.02	9	20	5	1372	6	387
98#4 182-192	1.4	0.42	5	100	0.5	<5	0.26	17	10	74	467	4.05	0.22	0.13	255	24	0.03	13	770	118	<5	1	<10	13	0.02	11	10	4	1581	7	826
98#4 192-202	1.6	0.57	10	90	0.5	<5	0.41	8	14	56	289	4.86	0.20	0.14	255	24	0.03	11	830	80	<5	1	<10	21	0.04	18	10	5	785	8	816

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

Signed:

Mineral Environments Laboratories

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

STEALTH MINING
Attention: D.BLANN
Project:
Sample: SLUDGE

Report No : 8V0440
Date : Jul-23-98

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Au-fire ppb
98#4 202-212	0.6	0.52	5	90	0.5	<5	0.38	9	13	40	297	4.94	0.20	0.15	325	16	0.03	10	830	102	<5	1	<10	20	0.04	18	10	5	938	7	858
98#4 212-222	1.2	0.79	10	90	0.5	<5	0.81	11	15	43	271	5.95	0.16	0.35	525	12	0.04	14	750	136	<5	2	<10	27	0.05	29	10	5	1145	11	1538
98#4 242-252	0.8	0.73	5	140	<0.5	<5	0.59	6	13	50	214	5.58	0.21	0.29	470	14	0.05	14	750	64	<5	1	<10	26	0.07	30	10	6	599	10	912
98#4 252-262	4.6	0.63	<5	90	<0.5	<5	0.43	4	13	49	216	5.54	0.21	0.20	385	52	0.04	14	930	54	<5	1	<10	25	0.06	26	10	6	510	7	656

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

Signed:

Mineral Environments Laboratories

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

STEALTH MINING
Attention: D.BLANN
Project:
Sample: SLUDGE

Report No : **8V0456**
Date : Jul-23-98

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Au-fire ppb
98#4 262-272	6.0	0.95	10	110	0.5	<5	0.79	7	23	31	268	7.89	0.21	0.35	530	46	0.04	17	960	84	<5	2	<10	30	0.11	49	10	7	835	13	864
98#4 272-302	5.0	0.89	5	130	<0.5	<5	0.65	20	19	128	381	6.55	0.22	0.25	485	52	0.04	22	870	78	<5	1	<10	36	0.08	33	20	7	2161	9	741
98#4 324-332	11.4	0.62	<5	110	<0.5	5	0.37	19	21	215	414	8.92	0.21	0.22	715	38	0.04	37	730	78	5	1	<10	28	0.06	31	20	5	2121	8	939
98#4 332-342	4.8	0.63	<5	100	<0.5	<5	0.35	10	16	80	373	6.34	0.20	0.26	575	46	0.03	23	730	48	<5	1	<10	24	0.08	34	20	6	1146	7	516
98#4 342-352	1.8	0.59	<5	100	<0.5	<5	0.31	7	17	60	423	6.24	0.20	0.28	525	22	0.03	17	740	44	<5	1	<10	19	0.06	41	10	7	849	6	496
98#4 352-362	8.8	0.58	<5	140	<0.5	<5	0.36	5	16	110	490	6.17	0.21	0.25	580	16	0.03	22	790	40	<5	1	<10	18	0.03	37	10	8	634	6	511
98#4 362-372	5.6	0.60	<5	120	<0.5	5	0.38	7	19	92	457	7.70	0.22	0.26	635	20	0.03	21	850	56	<5	1	<10	17	0.03	36	10	7	768	6	682
98#4 372-382	4.2	0.73	<5	160	<0.5	<5	0.40	10	19	81	506	7.80	0.25	0.32	720	24	0.04	26	890	58	<5	1	<10	23	0.05	47	20	8	1197	7	774
98#4 382-392	3.8	0.64	<5	170	<0.5	5	0.61	6	16	62	500	6.88	0.22	0.30	800	14	0.04	20	800	46	<5	1	<10	24	0.02	38	20	9	693	6	505
98#4 412-422	9.2	0.65	<5	130	<0.5	<5	0.35	7	16	64	779	7.67	0.20	0.32	785	16	0.04	40	760	46	<5	1	<10	20	0.05	43	40	6	890	6	833
98#4 422-432	6.4	0.53	<5	100	<0.5	5	0.30	7	16	78	798	9.10	0.17	0.27	790	18	0.03	43	780	54	<5	1	<10	20	0.03	32	40	6	905	7	462
98#4 432-442	6.2	0.48	<5	130	<0.5	5	0.42	8	18	74	1004	9.78	0.19	0.22	895	12	0.03	53	690	54	<5	1	<10	28	0.01	41	40	6	1044	7	902

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

Signed:

Mineral Environments Laboratories

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

STEALTH MINING
Attention: D. BLANN
Project:
Sample: SLUDGE

Report No : **8V0498**
Date : Aug-06-98

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Au-fire ppb
P-98-4 302-322	1.0	0.57	<5	90	<0.5	5	0.28	1	15	34	1160	7.38	0.23	0.29	360	46	0.03	15	720	22	<5	1	<10	12	0.05	32	10	7	216	8	968
P-98-5 112-122	10.2	0.48	<5	80	<0.5	5	0.26	30	21	57	1266	10.38	0.22	0.17	240	20	0.03	15	640	96	5	<1	<10	16	0.03	19	10	5	2812	10	519
P-98-5 152-162	2.0	0.51	<5	70	<0.5	5	0.25	4	28	49	1786	9.58	0.23	0.22	300	68	0.03	11	670	32	<5	1	<10	12	0.04	21	10	6	451	10	761
P-98-5 172-182	2.2	0.65	<5	90	<0.5	5	0.28	4	24	34	1674	8.68	0.26	0.34	480	76	0.03	12	760	32	<5	1	<10	13	0.06	34	10	6	731	9	1427
P-98-5 182-192	11.4	0.52	<5	90	<0.5	5	0.21	1	25	52	1802	10.19	0.23	0.27	390	140	0.03	18	720	26	<5	1	<10	12	0.04	26	10	4	168	10	1008
P-98-5 192-202	3.2	0.58	<5	80	<0.5	5	0.28	14	23	31	1062	10.91	0.19	0.27	390	60	0.04	12	680	196	<5	1	<10	13	0.07	29	10	5	1031	10	2179
P-98-5 310-322	7.2	1.35	<5	110	<0.5	<5	0.45	2	21	45	1539	8.37	0.44	1.02	645	26	0.05	24	720	28	<5	2	<10	25	0.12	60	30	6	336	7	1019
P-98-5 322-332	3.6	1.47	<5	90	<0.5	<5	0.48	2	24	35	1604	6.81	0.37	1.08	905	24	0.05	22	730	28	<5	3	<10	26	0.14	55	30	6	392	6	648
P-98-6 42-64	0.4	0.93	<5	140	<0.5	<5	0.75	3	10	63	93	4.24	0.16	0.36	475	2	0.04	17	820	48	<5	1	<10	45	0.01	24	20	4	259	7	25
P-98-6 64-84	0.2	1.06	10	130	<0.5	<5	0.66	1	11	37	32	6.10	0.20	0.59	645	4	0.04	8	970	44	<5	1	<10	37	0.02	21	10	5	83	12	16
P-98-6 84-104	0.2	1.64	15	110	0.5	<5	1.22	3	11	37	49	4.77	0.14	0.76	860	2	0.06	9	840	96	<5	3	<10	69	0.05	40	10	6	256	9	21
P-98-6 104-124	2.4	1.69	5	100	<0.5	<5	1.37	4	12	27	82	3.88	0.10	0.95	1300	2	0.06	18	920	52	<5	2	<10	86	0.10	44	20	6	330	8	15
P-98-6 124-144	0.6	1.68	15	80	<0.5	<5	1.20	1	13	42	40	5.21	0.14	0.90	1030	2	0.08	11	880	62	<5	3	<10	69	0.14	52	10	7	161	13	10
P-98-6 144-164	4.0	1.52	15	80	<0.5	<5	1.11	9	13	33	68	5.40	0.12	0.81	1040	2	0.07	14	810	226	<5	3	<10	60	0.13	50	20	7	365	12	15
P-98-6 164-184	1.2	1.73	15	100	<0.5	<5	1.16	3	10	36	43	4.56	0.13	0.80	785	2	0.06	11	760	52	<5	3	<10	66	0.11	46	10	6	234	11	13
P-98-6 184-204	0.6	3.49	<5	90	<0.5	<5	2.20	<1	19	52	50	4.87	0.10	2.06	710	2	0.26	66	640	10	<5	3	<10	315	0.15	67	<10	7	59	13	9
P-98-6 204-224	0.2	1.92	5	200	<0.5	<5	1.33	<1	12	30	36	4.84	0.16	0.92	790	2	0.11	14	860	20	<5	2	<10	114	0.10	36	10	8	56	12	21
P-98-6 224-244	<0.2	2.47	5	110	<0.5	<5	1.76	1	15	33	34	5.42	0.15	1.19	705	<2	0.15	27	840	20	<5	3	<10	192	0.10	44	<10	8	77	13	12
P-98-6 244-264	<0.2	1.93	10	150	0.5	<5	1.61	1	12	18	25	5.64	0.09	0.66	1015	2	0.07	5	850	30	<5	2	<10	90	0.04	32	<10	7	85	10	14
P-98-6 264-284	1.4	1.48	10	180	0.5	5	0.99	3	10	47	38	5.65	0.18	0.63	905	4	0.07	8	900	32	<5	1	<10	62	0.01	19	10	6	87	11	13
P-98-6 284-304	0.6	1.30	10	140	0.5	<5	0.69	3	10	32	152	5.12	0.20	0.82	835	4	0.05	54	930	22	<5	1	<10	43	0.01	16	50	6	191	12	9
P-98-6 310-324	0.6	1.27	5	170	0.5	<5	0.68	2	9	53	38	4.93	0.24	0.64	850	6	0.06	9	900	18	<5	1	<10	52	0.01	15	10	6	113	13	6
P-98-7 16-31	3.6	0.40	<5	130	<0.5	5	0.05	<1	6	36	62	4.18	0.14	0.19	120	6	0.03	18	490	24	<5	<1	<10	8	<0.01	7	20	2	110	6	6
P-98-7 31-51	1.0	0.45	<5	120	<0.5	5	0.08	<1	5	60	20	3.72	0.15	0.27	115	2	0.04	6	390	26	<5	<1	<10	9	<0.01	7	<10	3	47	6	6
P-98-7 51-71	0.6	0.55	<5	120	<0.5	5	0.12	<1	6	53	22	4.36	0.16	0.39	150	2	0.04	7	490	78	<5	<1	<10	11	<0.01	7	<10	3	60	8	8
P-98-7 82-102	2.0	0.45	<5	100	0.5	5	0.14	<1	8	75	30	5.94	0.20	0.16	95	6	0.04	10	550	32	<5	<1	<10	11	<0.01	8	10	3	38	8	18
P-98-7 102-122	<0.2	0.43	<5	100	0.5	5	0.13	<1	5	41	22	3.99	0.15	0.25	120	4	0.04	6	500	24	<5	<1	<10	11	<0.01	6	<10	3	46	7	14
P-98-7 122-142	2.8	0.49	<5	170	0.5	5	0.13	1	7	63	60	5.37	0.17	0.27	140	2	0.04	9	510	36	<5	<1	<10	13	<0.01	8	<10	3	104	9	19
P-98-7 142-162	1.2	0.36	<5	180	0.5	5	0.13	<1	8	59	36	5.74	0.15	0.15	100	2	0.03	9	520	38	<5	<1	<10	13	<0.01	7	<10	3	48	9	17
P-98-7 162-182	1.2	0.34	<5	130	<0.5	5	0.12	<1	8	73	34	6.29	0.16	0.10	90	4	0.03	9	500	34	<5	<1	<10	10	<0.01	7	<10	2	41	9	17

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

Signed:

Mineral Environments Laboratories

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

STEALTH MINING
Attention: DAVID BLANN
Project:
Sample: SLUDGE

Report No : **8V0487**
Date : Jul-31-98

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Au-fire ppb
P-98-5 52-62	0.2	1.43	<5	110	<0.5	<5	0.96	1	9	66	434	4.70	0.11	0.63	570	16	0.05	37	640	14	<5	3	<10	94	0.13	51	20	6	174	15	147
P-98-5 62-72	1.2	0.65	<5	70	<0.5	<5	0.35	1	20	42	1518	6.81	0.20	0.26	315	44	0.03	11	660	24	<5	1	<10	18	0.07	37	10	7	356	8	458
P-98-5 72-82	2.4	0.73	<5	70	<0.5	5	0.33	48	19	60	1622	8.44	0.20	0.35	415	20	0.03	12	720	160	<5	1	<10	16	0.06	29	20	6	4304	9	450
P-98-5 82-92	0.8	0.81	<5	110	<0.5	<5	0.41	1	12	49	707	5.97	0.17	0.48	440	14	0.04	13	650	24	<5	2	<10	30	0.08	37	<10	6	175	9	206
P-98-5 92-102	0.2	0.99	<5	110	<0.5	<5	0.54	1	10	75	538	4.68	0.15	0.58	460	22	0.05	16	630	14	<5	2	<10	42	0.09	44	<10	6	119	10	179
P-98-5 102-112	2.0	0.55	<5	80	<0.5	5	0.26	3	16	79	1563	7.68	0.23	0.24	305	28	0.02	14	700	30	5	1	<10	14	0.05	20	10	5	324	8	394
P-98-5 122-132	1.4	0.36	<5	70	<0.5	5	0.22	2	17	80	1218	8.31	0.19	0.12	235	108	0.02	10	630	42	<5	<1	<10	14	0.02	16	<10	6	220	8	932
P-98-5 142-152	1.0	0.69	<5	90	<0.5	<5	0.31	1	18	66	1190	7.16	0.20	0.41	465	30	0.04	15	670	20	<5	1	<10	14	0.06	34	10	7	193	7	453
P-98-5 252-262	6.8	0.41	<5	90	<0.5	<5	0.64	<1	6	59	490	5.39	0.09	0.25	660	12	0.05	112	340	16	<5	1	<10	24	0.03	22	70	4	362	15	58
P-98-5 262-272	10.0	0.64	<5	90	<0.5	<5	0.47	1	15	57	986	7.62	0.14	0.42	735	12	0.05	78	500	22	<5	1	<10	19	0.07	41	60	5	332	12	327
P-98-5 272-282	17.4	0.53	<5	70	<0.5	5	0.51	13	33	65	827	11.15	0.17	0.36	470	12	0.03	27	620	52	5	1	<10	25	0.05	35	20	4	1229	14	728
P-98-5 282-292	5.6	1.38	<5	120	<0.5	<5	0.57	5	22	51	1507	8.74	0.28	0.97	725	18	0.06	22	720	34	<5	2	<10	28	0.12	70	20	7	559	10	977
P-98-5 292-302	3.2	1.40	<5	90	<0.5	<5	0.49	3	24	50	1364	8.80	0.23	1.03	935	26	0.05	19	720	40	<5	2	<10	24	0.12	74	10	7	439	9	1197

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

Signed:

Mineral Environments Laboratories

8282 Sherbrooke St., Vancouver, B.C., V5X 4E8
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STEALTH MINING
Attention: D. BLANN
Project:
Sample: SLUDGE

Report No : 8V0498
Date : Aug-06-98

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Au-fire ppb
P-98-7 182-202	0.2	0.59	<5	170	<0.5	5	0.43	1	9	39	29	6.57	0.15	0.15	180	2	0.04	8	540	28	<5	1	<10	27	0.01	17	<10	3	45	11	16
P-98-7 202-222	1.8	1.35	<5	180	0.5	5	1.29	<1	10	76	29	6.79	0.19	0.30	330	2	0.05	8	620	26	<5	2	<10	53	0.04	40	<10	5	54	16	16
P-98-7 222-242	2.8	0.62	<5	60	<0.5	5	0.51	1	10	66	37	6.98	0.14	0.18	205	2	0.04	10	600	28	<5	1	<10	43	0.01	18	<10	3	59	11	20
P-98-7 242-262	1.0	0.51	<5	130	<0.5	5	0.25	1	10	52	49	7.39	0.16	0.21	170	2	0.04	12	550	36	<5	<1	<10	22	<0.01	12	<10	2	114	11	24

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

Signed:

MINERAL
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SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

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

Geochemical Analysis Certificate

8V-0380-RG1

Company: **STEALTH MINING**
Project:
Attn: D.BLANN

Jul-09-98

We *hereby certify* the following Geochemical Analysis of 8 ROCK samples submitted Jul-03-98 by D.BLANN.

Sample Name	Au-fire PPB	Au-fire PPB
P-98DR1	8	
P-98DR2	2	
P-98DR3	1	
P-98DR4	57	54
P-98DR5	137	
P-98DR6	127	
P-98DR7	23	
P-98DR8	37	37
*96-2	182	
*BLANK	1	

Certified by _____

Min-En Laboratories

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

STEALTH MINING
Attention: D.BLANN
Project:
Sample: ROCK

Report No : **8V0380**
Date : Jul-09-98

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
P-98DR1	<0.2	3.26	<5	560	<0.5	<5	2.61	<1	8	18	12	4.83	0.08	0.99	575	<2	0.03	2	990	18	<5	5	<10	104	0.18	90	<10	7	45	14
P-98DR2	<0.2	1.54	<5	80	0.5	<5	0.91	<1	6	49	1	2.32	0.13	0.67	555	<2	0.04	3	480	6	<5	3	<10	44	0.07	46	<10	4	60	11
P-98DR3	<0.2	1.47	10	70	<0.5	<5	0.72	<1	5	29	11	3.74	0.15	0.72	245	<2	0.15	2	900	26	<5	2	<10	62	0.06	30	<10	5	31	9
P-98DR4	0.4	0.67	<5	50	<0.5	<5	0.10	<1	3	83	18	2.75	0.22	0.46	425	10	0.03	4	240	20	<5	2	<10	8	0.04	28	<10	2	58	17
P-98DR5	2.2	0.83	<5	80	<0.5	<5	0.21	1	6	50	132	3.24	0.18	0.72	600	4	0.04	3	650	66	<5	2	<10	9	0.07	37	<10	4	116	16
P-98DR6	1.8	2.28	<5	140	<0.5	<5	1.38	10	4	54	64	2.73	0.14	0.55	830	2	0.03	3	480	384	<5	3	<10	106	0.10	43	<10	3	722	15
P-98DR7	<0.2	1.60	<5	50	<0.5	<5	0.73	<1	9	43	42	3.19	0.11	0.99	1070	<2	0.05	3	900	10	<5	2	<10	68	0.14	47	<10	5	120	6
P-98DR8	0.6	1.12	10	60	<0.5	<5	0.44	<1	4	36	4	2.43	0.10	0.72	975	<2	0.05	3	940	16	<5	2	<10	50	0.09	27	<10	3	111	5

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

Signed:

MINERAL
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Quality Assaying for over 25 Years

Geochemical Analysis Certificate

8V-0387-RG1

Company: **STEALTH MINING**
Project:
Attn: DAVE BLANN

Jul-09-98

We *hereby certify* the following Geochemical Analysis of 6 ROCKS samples submitted Jul-07-98 by DAVE BLANN.

Sample Name	Au-fire PPB	Au-fire PPB
P98DR9	40	
P98DR10	5	3
P98DR11	27	
P98DR12	68	
P98DR13	4	
P98DR14	2	
*96-2	170	
*BLANK	1	

Certified by _____

Min-En Laboratories

Mineral Environments Laboratories

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Tel (604) 327-3436 Fax (604) 327-3423

STEALTH MINING
Attention: DAVE BLANN
Project:
Sample: ROCKS

Report No : **8V0387**
Date : Jul-09-98

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
P98DR9	<0.2	0.44	<5	100	<0.5	<5	0.13	<1	6	34	15	3.98	0.28	0.12	75	<2	0.04	3	980	20	<5	1	<10	9	0.02	10	<10	4	21	7
P98DR10	<0.2	1.50	5	240	<0.5	<5	0.67	<1	5	39	2	2.39	0.21	0.59	555	2	0.04	3	1000	18	<5	2	<10	79	0.09	20	<10	3	110	5
P98DR11	0.2	1.03	15	150	<0.5	<5	0.40	<1	6	33	2	3.46	0.32	0.25	260	2	0.07	3	1060	20	<5	2	<10	41	0.11	17	<10	3	54	8
P98DR12	2.0	1.45	<5	120	<0.5	10	0.57	1	33	25	166	4.62	0.16	0.71	1525	282	0.02	4	980	38	<5	1	<10	96	0.08	31	<10	3	202	7
P98DR13	0.8	1.03	<5	120	<0.5	<5	0.32	<1	8	48	222	2.23	0.13	0.60	700	32	0.04	3	470	4	<5	1	<10	35	0.07	21	<10	4	89	4
P98DR14	0.6	1.31	<5	110	<0.5	<5	0.54	<1	8	24	52	3.29	0.16	0.71	695	56	0.02	3	730	18	<5	1	<10	122	0.06	26	<10	3	103	6

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

Signed:

Mineral Environments Laboratories

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STEALTH MINING
Attention: D.BLANN
Project:
Sample: ROCK

Report No : **8V0438**
Date : Jul-22-98

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	AU-fire ppb
P98DR15	1.0	0.97	<5	120	<0.5	<5	0.44	<1	2	54	4	1.94	0.06	0.78	940	<2	0.04	1	900	18	<5	1	<10	40	0.09	23	<10	3	109	4	46
P98DR16	0.4	0.76	5	110	<0.5	<5	0.21	<1	3	115	18	2.93	0.28	0.26	145	<2	0.05	4	710	32	<5	1	<10	17	0.01	8	<10	3	73	5	11
P98DR17	0.2	1.15	<5	110	0.5	<5	0.51	1	9	72	9	2.49	0.08	0.86	955	<2	0.05	3	540	12	<5	2	<10	36	0.06	39	<10	3	216	10	2
P98DR18	<0.2	1.27	<5	90	<0.5	<5	0.59	<1	6	91	26	3.39	0.21	0.68	1085	<2	0.07	4	820	16	<5	3	<10	34	0.12	46	<10	4	128	8	5
P98DR19	0.2	2.18	<5	320	<0.5	<5	1.24	<1	4	36	9	3.40	0.09	0.59	755	2	0.02	2	510	30	<5	1	<10	99	0.07	30	<10	1	75	4	10
P98DR20	<0.2	1.05	<5	80	<0.5	<5	1.21	<1	4	118	2	2.05	0.10	0.32	315	<2	0.07	3	730	2	<5	2	<10	39	0.07	44	<10	4	31	3	1
P98DR21	0.8	0.40	<5	190	<0.5	<5	0.14	<1	1	67	15	3.31	0.21	0.16	305	14	0.04	2	490	88	<5	<1	<10	35	0.03	11	<10	1	39	3	12
P98DR22	<0.2	1.57	<5	50	<0.5	<5	0.47	1	6	69	49	3.43	0.09	1.07	1440	4	0.07	2	870	6	<5	2	<10	48	0.08	54	<10	7	159	7	15
P98DR23	0.2	1.15	<5	50	<0.5	<5	0.40	<1	6	53	32	3.44	0.09	0.99	560	4	0.05	2	890	8	<5	2	<10	34	0.08	44	<10	6	114	12	29
P98DR24	<0.2	1.22	<5	80	<0.5	<5	0.53	1	5	66	32	2.80	0.08	0.77	355	2	0.05	4	790	8	<5	2	<10	50	0.07	46	<10	6	92	9	12

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

Signed:

Mineral Environments Laboratories

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

STEALTH MINING
Attention: D.BLANN
Project:
Sample: ROCK

Report No : **8V0456**
Date : Jul-23-98

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Au-fire ppb
P98DR25	0.2	0.26	<5	70	<0.5	<5	0.16	<1	2	33	19	1.77	0.19	0.08	45	4	0.04	1	870	10	<5	<1	<10	7	0.04	6	<10	4	12	4	12
P98DR26	<0.2	1.81	10	120	<0.5	<5	0.38	<1	9	23	24	4.33	0.09	1.87	1510	<2	0.03	4	1000	12	<5	3	<10	15	0.07	82	<10	6	117	12	1

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

Signed:

Mineral Environments Laboratories

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

STEALTH MINING
Attention: D. BLANN
Project:
Sample: ROCK

Report No : **8V0497**
Date : Aug-06-98

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Au-fire ppb
300250	<0.2	1.59	15	140	0.5	<5	0.80	1	7	27	17	4.35	0.16	1.07	1535	2	0.18	3	1010	40	<5	1	<10	94	<0.01	17	<10	6	245	8	5
300251	<0.2	1.72	5	220	0.5	<5	1.00	1	8	74	15	3.94	0.20	1.00	1615	2	0.16	3	1040	38	<5	2	<10	86	0.01	24	<10	8	205	10	9
300252	<0.2	1.16	5	100	0.5	<5	0.47	1	7	30	29	3.65	0.15	1.10	1110	<2	0.07	3	940	30	<5	1	<10	29	<0.01	17	<10	3	155	9	7
P98DR-27	<0.2	1.94	<5	150	<0.5	<5	0.40	4	7	43	29	4.22	0.64	1.33	1110	<2	0.06	2	1060	54	<5	7	<10	33	0.21	85	<10	8	382	11	20
P98DR-28	<0.2	1.47	5	100	<0.5	<5	0.32	<1	4	34	23	4.48	0.20	0.82	620	2	0.06	2	1140	30	<5	5	<10	50	0.16	74	<10	6	125	10	19
P98DR-29	<0.2	2.04	<5	90	<0.5	<5	1.16	<1	5	73	43	2.92	0.12	0.77	340	4	0.04	3	460	2	<5	5	<10	49	0.14	68	<10	4	41	7	5
P98DR-30	<0.2	1.35	<5	70	<0.5	<5	0.86	<1	8	64	64	2.99	0.11	0.84	420	2	0.05	4	570	4	<5	5	<10	13	0.12	71	<10	5	38	6	4
P98DR-31	1.4	0.39	<5	140	<0.5	<5	0.12	<1	3	164	123	2.35	0.28	0.06	180	12	0.02	4	210	16	<5	<1	<10	12	0.01	13	<10	2	32	2	41
P98DR-32	0.8	1.25	<5	100	<0.5	<5	0.35	<1	7	59	336	2.60	0.17	1.07	825	24	0.04	4	690	6	<5	2	<10	27	0.09	32	<10	5	161	4	67
P98DR-33	0.4	1.21	<5	210	<0.5	<5	0.26	<1	10	114	415	4.48	0.31	0.74	700	24	0.02	4	580	8	<5	1	<10	33	0.07	23	<10	3	57	5	8
P98DR-34	0.4	1.34	<5	80	<0.5	<5	0.24	1	6	46	158	6.20	0.20	0.92	1380	8	0.04	3	890	46	<5	4	<10	11	0.14	79	<10	7	236	7	158
P98DR-35	0.8	1.55	<5	630	<0.5	<5	0.28	4	6	53	840	5.45	0.20	1.15	1875	12	0.05	3	980	28	<5	4	<10	19	0.06	70	<10	9	608	6	131
P98DR-36	1.0	1.29	<5	170	<0.5	<5	0.26	<1	6	48	653	4.54	0.47	0.69	895	18	0.03	3	920	12	<5	2	<10	22	0.12	46	<10	7	142	7	182
P98DR-37	0.4	1.64	<5	180	<0.5	<5	0.19	<1	5	52	83	5.03	0.41	1.22	1570	2	0.06	2	1040	16	<5	5	<10	19	0.17	81	<10	5	220	8	56
P98DR-38	0.4	1.59	<5	190	<0.5	<5	0.35	<1	6	39	80	4.60	0.33	1.15	1110	2	0.06	2	970	12	<5	5	<10	20	0.13	78	<10	8	225	8	100
P98DR-39	0.4	0.46	5	40	<0.5	5	0.17	<1	1	102	46	1.10	0.13	0.14	125	6	0.05	1	120	14	<5	1	<10	31	0.03	11	<10	2	11	9	38
P98DR-40	0.2	1.00	<5	100	<0.5	<5	0.18	<1	3	65	69	2.63	0.28	0.66	405	4	0.05	3	500	8	<5	3	<10	12	0.07	48	<10	5	92	8	131
P98DR-41	<0.2	0.74	5	160	<0.5	<5	0.37	1	5	194	22	2.10	0.09	0.39	485	4	0.04	39	480	4	5	4	<10	20	<0.01	26	<10	3	77	2	3
P98DR-42	<0.2	1.70	<5	160	<0.5	<5	0.66	1	7	43	13	4.18	0.13	1.33	1050	<2	0.10	2	910	24	<5	7	<10	50	0.18	108	<10	7	181	6	8
P98DR-43	0.8	1.11	<5	200	<0.5	5	0.44	2	7	45	20	4.46	0.28	0.44	525	4	0.17	3	610	208	<5	2	<10	86	0.06	37	<10	5	118	9	29
P98DR-44	<0.2	1.76	25	270	<0.5	<5	0.32	<1	5	26	5	3.69	0.17	1.24	960	<2	0.04	2	1000	14	<5	4	<10	22	0.08	49	<10	7	97	9	4
P98DR-45	<0.2	2.68	10	130	<0.5	<5	1.00	<1	13	22	2	4.14	0.08	2.50	1405	<2	0.05	4	1260	2	<5	5	<10	100	0.18	78	<10	6	125	8	3
P98DR-46	1.6	1.30	20	70	<0.5	<5	0.57	<1	5	43	11	3.10	0.20	0.85	1585	6	0.04	2	850	134	<5	2	<10	58	0.14	38	<10	5	128	10	24
P98DR-47	<0.2	1.64	<5	460	<0.5	<5	0.61	<1	9	39	10	4.03	0.17	1.03	1170	<2	0.06	3	990	8	<5	4	<10	46	0.17	75	<10	8	81	9	4
P98DR-48	4.4	0.46	<5	20	<0.5	20	0.51	1	3	278	467	0.93	0.01	0.06	150	4	0.02	6	80	136	5	<1	<10	75	0.01	14	<10	1	70	2	3
P98DR-49	0.2	1.37	<5	60	<0.5	<5	0.47	3	4	40	29	3.16	0.14	0.82	665	2	0.09	1	910	58	<5	4	<10	41	0.14	49	<10	7	147	15	6
P98DR-50	0.4	0.35	<5	750	<0.5	<5	0.02	<1	3	100	24	2.71	0.30	0.04	65	4	0.08	2	240	104	<5	1	<10	30	0.15	20	<10	1	24	15	172
P98DR-51	<0.2	1.02	<5	120	<0.5	<5	0.13	2	4	50	85	3.88	0.33	0.38	430	6	0.10	1	400	66	<5	2	<10	61	0.08	31	<10	2	153	13	46
P98DR-52	0.2	1.39	5	190	<0.5	<5	0.08	6	2	85	282	5.33	0.46	0.48	655	32	0.19	2	1550	32	<5	3	<10	160	0.10	40	<10	5	220	7	99
P98DR-53	<0.2	1.18	<5	40	0.5	<5	0.39	15	19	28	4517	3.39	0.09	1.03	2445	2	0.04	2	1050	16	<5	3	<10	23	0.01	35	<10	25	1716	7	68

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

Signed:

Mineral Environments Laboratories

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

STEALTH MINING
Attention: D. BLANN
Project:
Sample: ROCK

Report No : 8V0497
Date : Aug-06-98

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Au-fire ppb
P98DR-54	0.2	1.08	<5	80	0.5	<5	0.37	21	36	55	6267	3.64	0.13	0.67	3295	8	0.05	3	1010	28	<5	3	<10	21	0.01	36	<10	43	1915	7	82
P98DR-55	4.0	0.40	<5	220	<0.5	15	0.01	1	1	44	340	6.21	0.41	0.06	135	28	0.11	1	320	112	<5	1	<10	14	0.01	22	<10	<1	125	6	292
P98DR-57	<0.2	1.52	<5	110	<0.5	<5	0.42	17	2	58	81	4.67	0.49	0.59	410	26	0.09	1	410	54	<5	3	<10	71	0.11	40	<10	3	238	12	28
P98DR-58	<0.2	0.84	<5	200	<0.5	<5	0.03	1	1	33	80	3.75	0.57	0.23	135	14	0.15	<1	1440	156	<5	2	<10	245	0.08	21	<10	5	48	7	7
98NWB-1	0.6	0.59	<5	170	<0.5	5	0.01	<1	<1	61	31	2.85	0.36	0.02	20	184	0.03	1	380	18	<5	1	<10	6	<0.01	11	<10	1	42	8	820
98NWB-2	0.2	0.71	<5	200	<0.5	<5	0.01	<1	<1	49	25	3.40	0.36	0.14	125	130	0.05	1	950	68	<5	1	<10	49	0.01	13	<10	1	24	8	374
98NWB-3	0.2	0.64	<5	410	<0.5	<5	0.01	1	1	92	54	2.47	0.38	0.05	230	18	0.02	1	950	280	<5	2	<10	50	0.05	11	<10	2	21	8	295
98NWB-4	0.4	0.85	<5	180	<0.5	<5	0.02	<1	1	70	79	4.16	0.29	0.16	170	20	0.04	2	630	116	<5	1	<10	89	0.03	22	<10	1	34	8	136
98NWB-5	0.8	0.71	10	270	<0.5	5	0.02	<1	1	68	104	3.47	0.29	0.05	195	22	0.02	1	1030	862	<5	2	<10	222	0.02	17	<10	1	36	5	65
98NWB-6	0.2	0.60	5	180	<0.5	<5	0.01	<1	<1	91	9	2.05	0.40	0.05	35	6	0.06	2	250	34	<5	<1	<10	20	0.01	11	<10	1	16	9	29
98NWB-7	0.2	0.48	<5	250	<0.5	<5	0.01	<1	1	23	17	3.68	0.40	0.05	30	32	0.17	<1	420	160	<5	1	<10	98	0.01	10	<10	<1	6	10	1035
98NWB-8	<0.2	0.49	<5	100	<0.5	<5	0.01	<1	<1	66	3	0.48	0.29	0.01	10	14	0.04	1	80	6	<5	<1	<10	20	<0.01	6	<10	1	1	2	40
98NWB-9	<0.2	2.65	<5	110	<0.5	<5	0.35	1	5	21	19	4.08	0.26	1.34	2035	2	0.05	2	1000	58	<5	5	<10	21	0.16	82	<10	15	210	13	25
98NWB-10	1.6	0.46	15	1080	<0.5	<5	0.01	<1	<1	64	15	1.55	0.37	0.05	50	6	0.04	1	260	942	<5	<1	<10	30	<0.01	7	<10	1	13	6	784
98NWB-11	0.4	0.27	<5	500	<0.5	<5	0.01	<1	<1	34	3	0.65	0.26	0.01	15	20	0.02	<1	90	212	<5	<1	<10	12	<0.01	4	<10	<1	7	4	46
98NWB-12	<0.2	0.49	5	160	<0.5	5	0.01	<1	<1	38	60	5.83	0.28	0.04	35	42	0.03	1	1140	38	<5	1	<10	11	<0.01	22	<10	1	21	7	346

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

Signed:

Mineral Environments Laboratories

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

STEALTH MINING
Attention: D.BLANN
Project:
Sample: SOIL

Report No : 8V0438
Date : Jul-22-98

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	AU-fire ppb
P98S-1	<0.2	1.36	<5	100	0.5	<5	0.77	2	9	11	26	3.19	0.04	0.66	650	2	0.02	7	710	14	<5	2	<10	63	0.06	77	<10	6	349	3	8
16+50S-2+25SE	<0.2	2.40	5	100	<0.5	<5	0.17	<1	7	18	19	3.76	0.03	0.56	370	<2	0.02	10	1210	14	<5	3	<10	25	0.06	73	<10	4	108	4	15

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

Signed:

Mineral Environments Laboratories

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

STEALTH MINING
Attention: D. BLANN
Project:
Sample: SILT

Report No : **8V0497**
Date : Aug-06-98

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Au-fire ppb
P98DS-2	<0.2	1.46	5	230	<0.5	<5	0.77	<1	8	23	47	3.20	0.07	0.62	490	<2	0.03	14	580	20	<5	3	<10	57	0.07	67	<10	10	97	3	7
P98DS-3	<0.2	1.20	5	100	<0.5	<5	0.40	1	10	16	18	3.36	0.05	0.84	1045	<2	0.02	14	520	18	<5	3	<10	29	0.08	57	<10	5	100	6	5

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

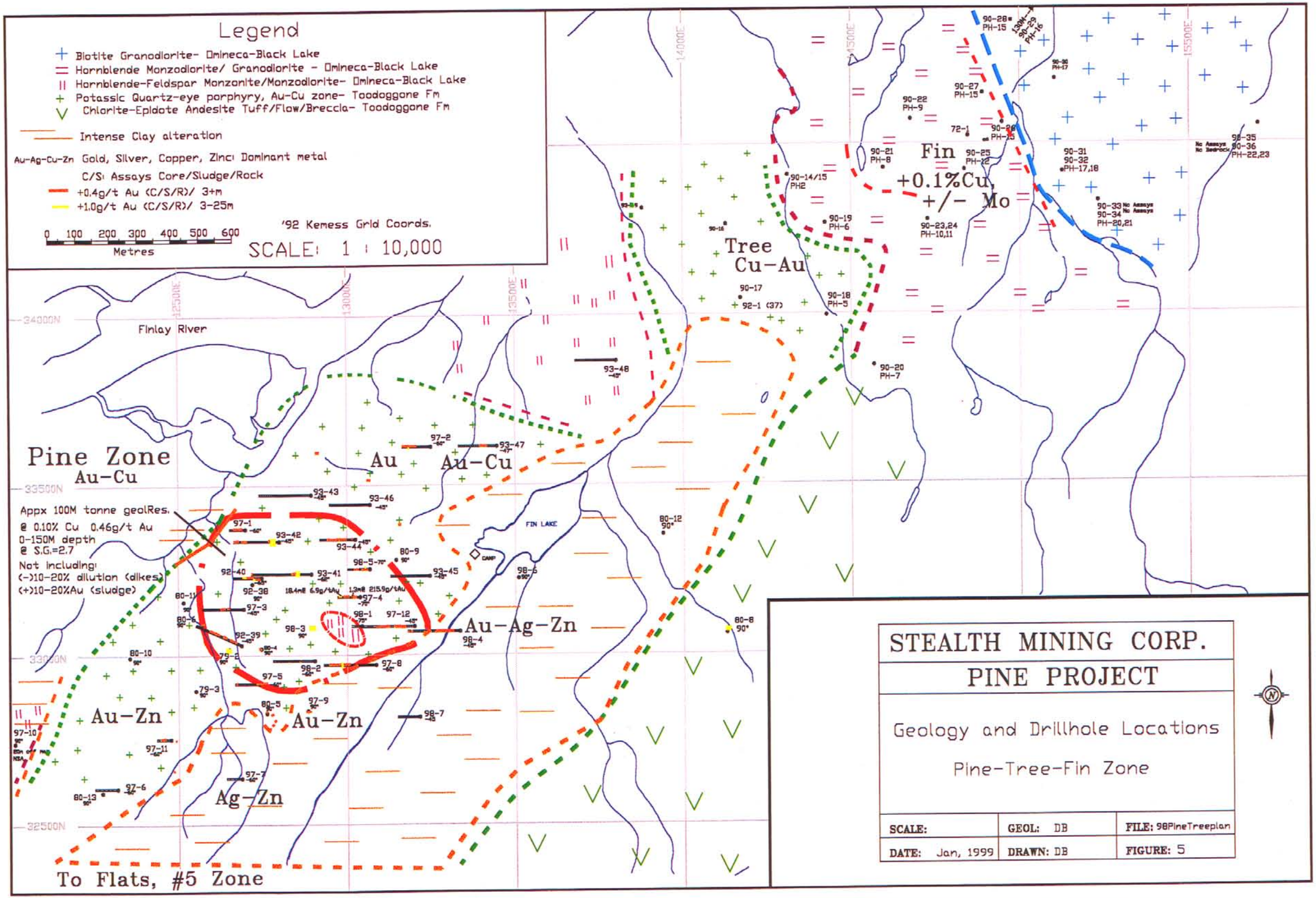
Signed:

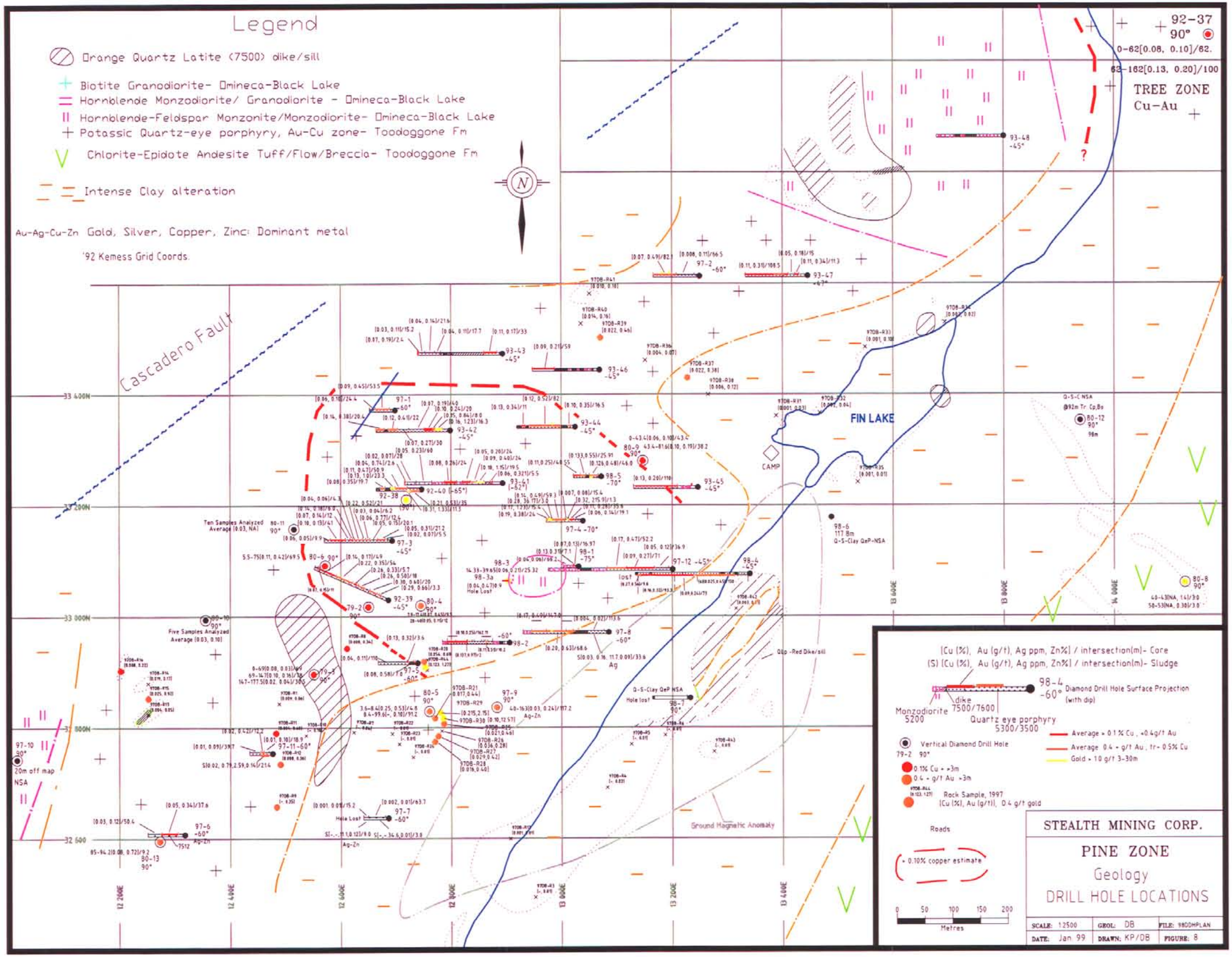
SOC SUMMARY

1998 STATEMENT OF COSTS-PINE PROJECT

Feb1,1998 to Feb1,1999

Diamond Drilling					
	#metres	$/M			
	1290	$125.00			$161,250.00
Cat time- roadwork					
#HRS	$HR				
125	$75.00				$9,375.00
Wages					
	D. Blann, P.Eng.	75	$400.00		$30,000.00
	D. Ridley	45	$250.00		$11,250.00
	Assays	Min-En	30 EL ICP + Au Fire		
		#SAMPLES	$/SAMPLE		
	Core	400	$20.00		$8,000.00
	Sludge	100	$17.50		$1,750.00
	Rock	65	$17.50		$1,137.50
	Silt	5	$17.50		$87.50
				shipping/storage	$2,500.00
Transportation					
		#days/hrs	$/day/hr		
Truck 4x4		45	$80.00	$3,600.00	
Canadian Helicopters		3.5	$900.00	$3,150.00	
					$6,750.00
Accomodations					
	#persons	$/day	#days		
	6	$75.00	45		$20,250.00
Field Supplies					$2,000.00
Office Supplies					$750.00
Communications					
	COURIER/POST			$250.00	
	SAT PHONE			$1,500.00	
	AIRTIME			$4,500.00	
	LANDPHONE			$250.00	
					$6,500.00
Maps, Reproductions					$6,500.00
Report					$7,500.00
				TOTAL	**$275,600.00**


Legend
Biotite Granodiorite- Omineca-Black Lake
Hornblende Monzodiorite/ Granodiorite - Omineca-Black Lake
Hornblende-Feldspar Monzonite/Monzodiorite- Omineca-Black Lake
Potassic Quartz-eye porphyry, Au-Cu zone- Toodoggone Fm
Chlorite-Epidote Andesite Tuff/Flow/Breccia- Toodoggone Fm
Intense Clay alteration
Au-Ag-Cu-Zn Gold, Silver, Copper, Zinc: Dominant metal
C/S: Assays Core/Sludge/Rock
+0.4g/t Au (C/S/R)/ 3+m
+1.0g/t Au (C/S/R)/ 3-25m
0 100 200 300 400 500 600
Metres
'92 Kemess Grid Coords.
SCALE: 1 : 10,000
Finlay River
Pine Zone
Au-Cu
Appx 100M tonne geolRes.
@ 0.10% Cu 0.46g/t Au
0-150M depth
@ S.G.=2.7
Not including:
(-)10-20% dilution (dikes)
(+)10-20%Au (sludge)
Au
Au-Cu
Au-Ag-Zn
Au-Zn
Au-Zn
Ag-Zn
Tree
Cu-Au
Fin
+0.1%Cu
+/- Mo
FIN LAKE
To Flats, #5 Zone
STEALTH MINING CORP.
PINE PROJECT
Geology and Drillhole Locations
Pine-Tree-Fin Zone
SCALE:
GEOL: DB
FILE: 98PineTreeplan
DATE: Jan, 1999
DRAWN: DB
FIGURE: 5


Legend
Orange Quartz Latite (7500) dike/sill
Biotite Granodiorite- Omineca-Black Lake
Hornblende Monzodiorite/ Granodiorite - Omineca-Black Lake
Hornblende-Feldspar Monzonite/Monzodiorite- Omineca-Black Lake
Potassic Quartz-eye porphyry, Au-Cu zone- Toodoggone Fm
Chlorite-Epidote Andesite Tuff/Flow/Breccia- Toodoggone Fm
Intense Clay alteration
Au-Ag-Cu-Zn Gold, Silver, Copper, Zinc: Dominant metal
'92 Kemess Grid Coords.
N
Cascadero Fault
TREE ZONE
Cu-Au
FIN LAKE
CAMP
Ten Samples Analyzed Average (0.03, NA)
Five Samples Analyzed Average (0.03, 0.10)
Ground Magnetic Anomaly
[Cu (%), Au (g/t), Ag ppm, Zn%] / intersection(m)- Core
(S) [Cu (%), Au (g/t), Ag ppm, Zn%] / intersection(m)- Sludge
Diamond Drill Hole Surface Projection (with dip)
Monzodiorite 5200
dike 7500/7600
Quartz eye porphyry 5300/3500
Vertical Diamond Drill Hole
0.1% Cu + >3m
0.4 + g/t Au >3m
Rock Sample, 1997 (Cu (%), Au (g/t)), 0.4 g/t gold
Average > 0.1 % Cu , >0.4g/t Au
Average 0.4 + g/t Au , tr- 0.5% Cu
Gold > 10 g/t 3-30m
Roads
> 0.10% copper estimate
Metres
STEALTH MINING CORP.
PINE ZONE
Geology
DRILL HOLE LOCATIONS
SCALE: 1:2500
GEOL: DB
FILE: 9800MPLAN
DATE: Jan 99
DRAWN: KP/DB
FIGURE: 8

Legend

Orange Quartz Latite (7500) dike/sill

Biotite Granodiorite- Omineca-Black Lake

Hornblende Monzodiorite/ Granodiorite - Omineca-Black Lake

Hornblende-Feldspar Monzonite/Monzodiorite- Omineca-Black Lake

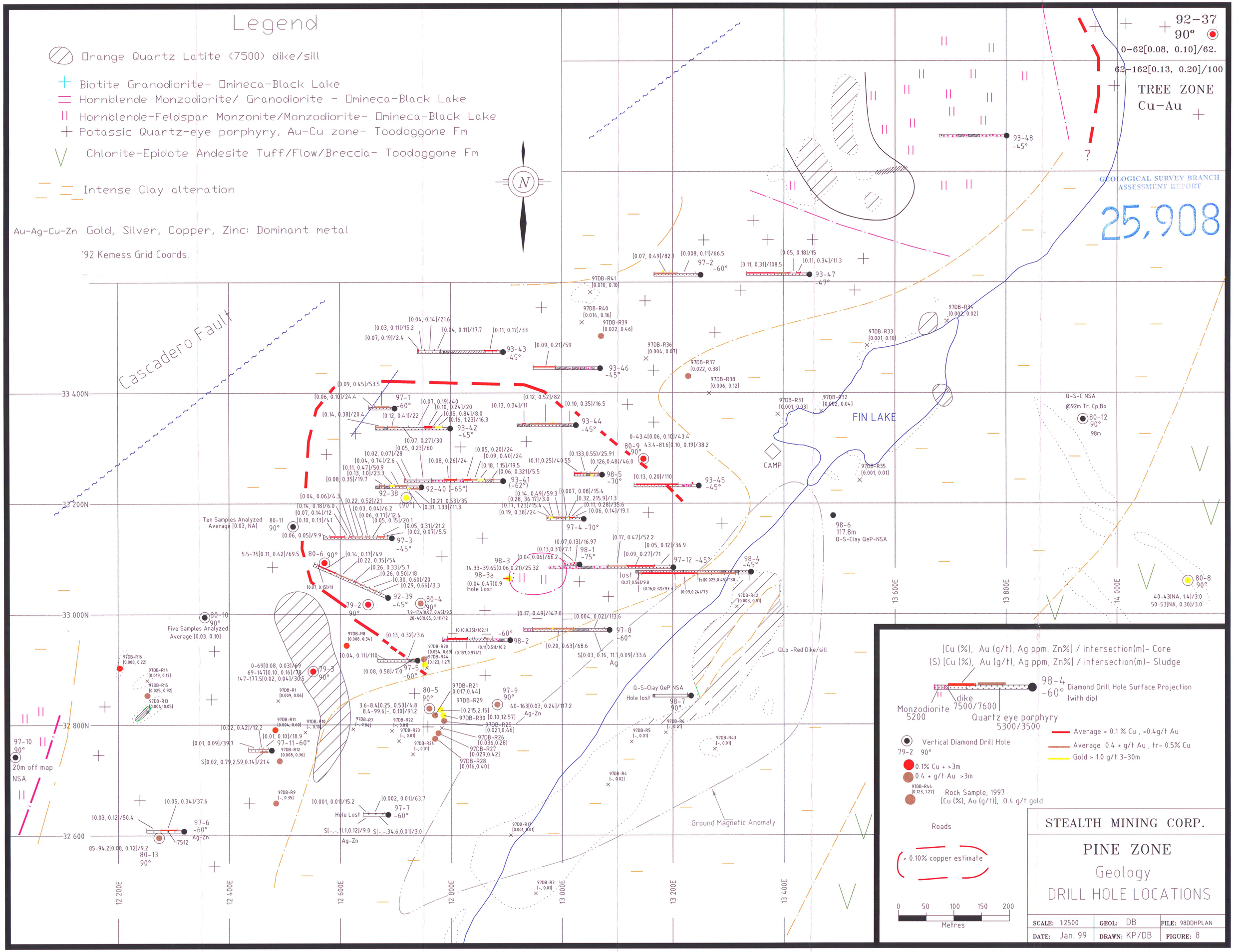
Potassic Quartz-eye porphyry, Au-Cu zone- Toodoggone Fm

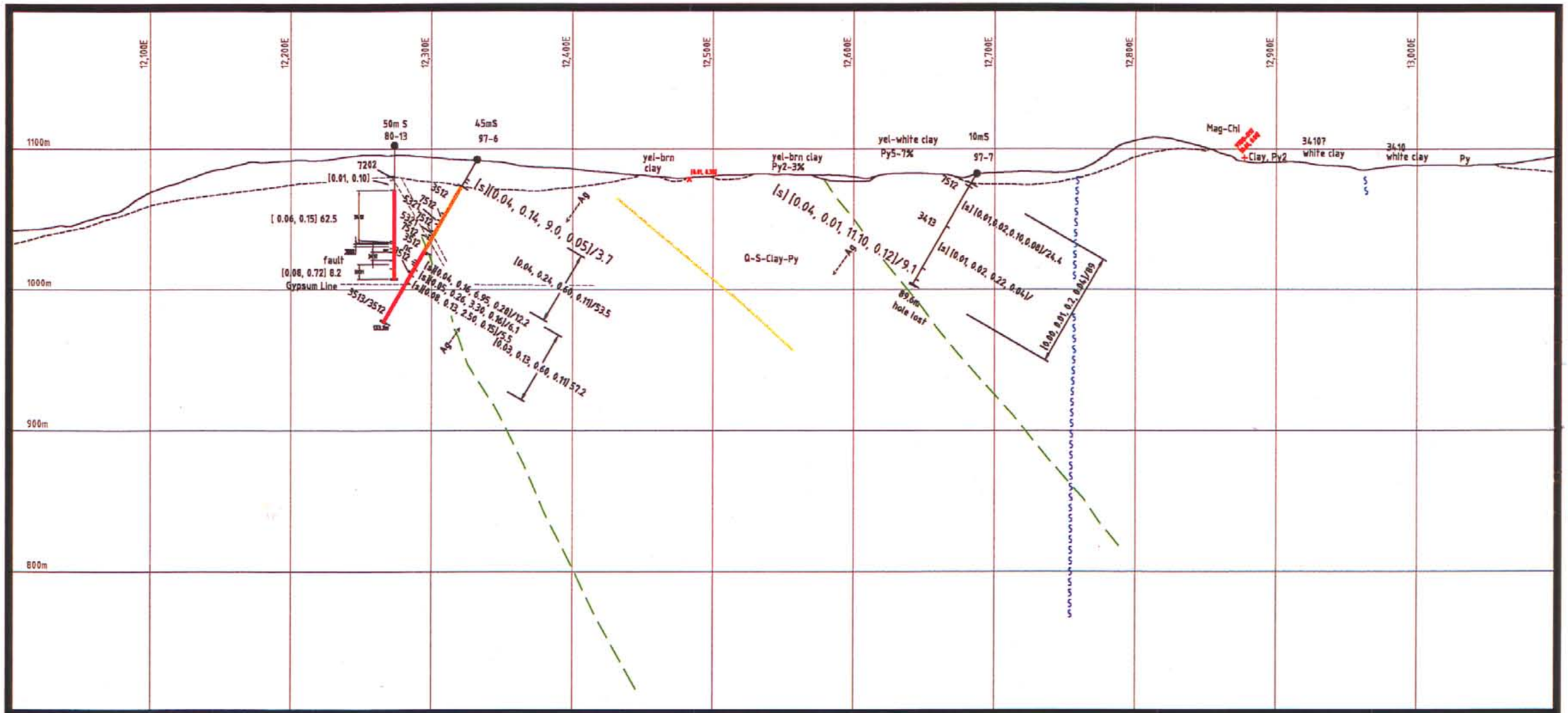
Chlorite-Epidote Andesite Tuff/Flow/Breccia- Toodoggone Fm

Intense Clay alteration

Au-Ag-Cu-Zn Gold, Silver, Copper, Zinc: Dominant metal

'92 Kemess Grid Coords.





ROCK CODES

	ROCK TYPE	CODE
LATE DYKES	TRACHYTE	7200
	LATITE	7500
	ANDESITE	7600
	BASALT	7700
INTRUSIONS	MONZODIORITE	5200
	MONZONITE	5300
	SYENITE	5400
	OTHER	5500
TODDOSSONE FORMATION	TRACHYTE	3200
	DACITE	3400
	LATITE	3500
	ANDESITE	3600
	BASALT	3700

3rd Digit
0 = not aplicable
1 = 0-10% primary quartz
2 = 10-20% primary quartz

4th Digit
0 = not aplicable
1 = non porphyritic
2 = porphyritic

3rd Digit
0 = not aplicable
1 = pyroclastic
2 = flow

4th Digit
0 = not aplicable
1 = heterolithic
2 = monolithic
3 = feldspar porphyritic
4 = pyroxine porphyritic
5 = quartz porphyritic

ABREVIATIONS

Chl - Chlorite
Ep - Epidote
Mag - Magnetite
2X - Secondary Mineral
M - Magnetite
C - Clay
K - Feldspar
Q - Quartz/Silicification
S - Sericite
Hem - Hematite
Gyp - Gypsum
Fp - Feldspar
Hbl - Hornblende
B - Biotite
Py - Pyrite
Cp - Chalcopyrite
Bo - Bornite

nc - No Core
na - Not Available
NSV - No Significant Values
ns - Not Sampled

LINETYPE DEFINITIONS

Infered Geologic Contact
Infered Fault
Overburden
Gold >0.1 g/t in core
Gold >0.2 g/t in core
Gold >0.3 g/t in core
Copper >0.1% in core

ALTERATION CODES

0 -Absent
1 -Weak
2 -Weak - Moderate
3 -Moderate
4 -Moderate - Strong
5 -Strong
Note - Numbers following sulphide minerals indicate % present

Cu/Au Zone
Clay Alteration

SYMBOLS

Drillhole

[0.03,0.13,0.5,0.11]/57.2
Composite Drill Core Assay Values
[Cu-%, Au-g/t, Ag-g/t, Zn-%]/interval - metres

[S][0.03,0.13,0.5,0.11]/57.2
Sludge Sample Assay Values
[Cu-%, Au-g/t, Ag-g/t, Zn-%]/interval - metres

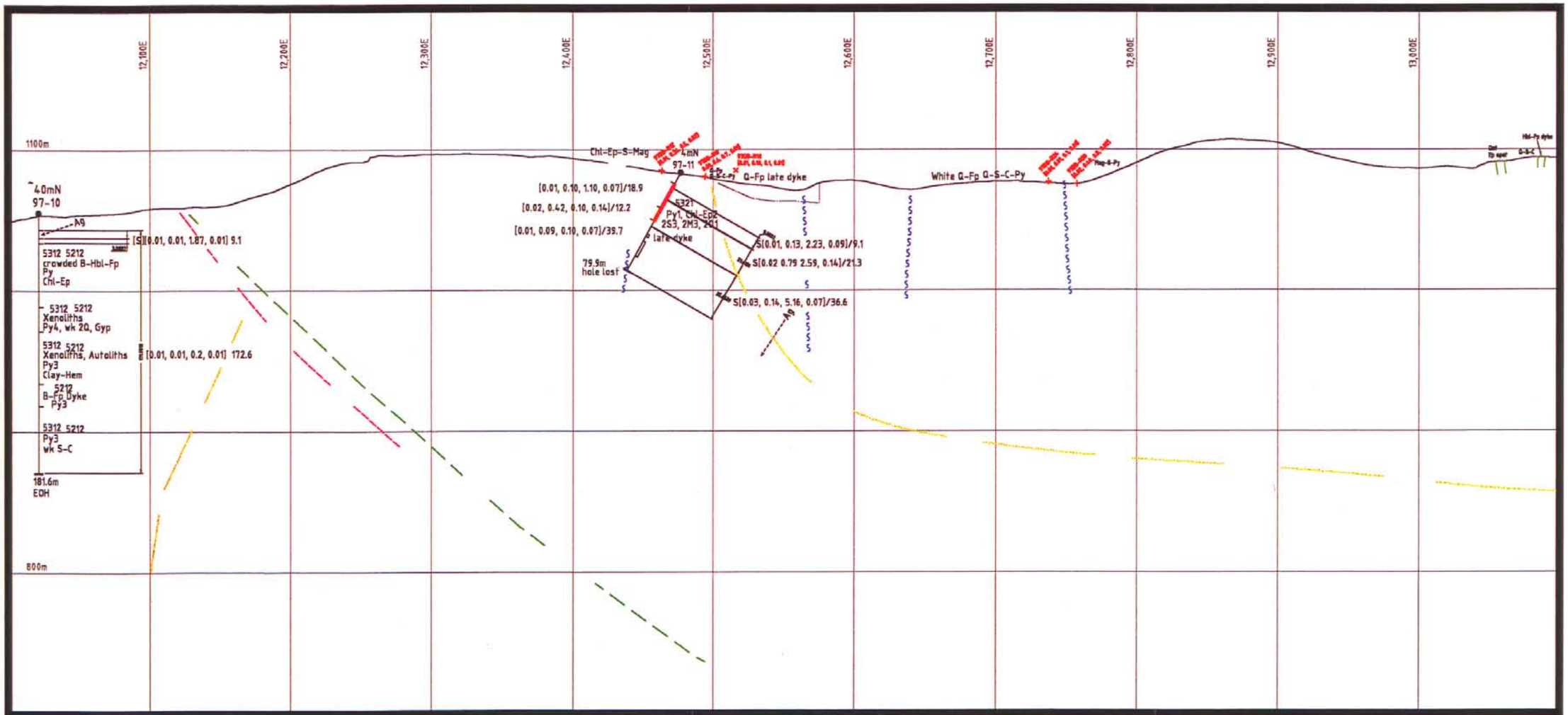
97DB-R34
[0.86, 0.57, 1.1, 0.6]
Grab Sample, Minimum 1m Square
[Cu-%, Au-g/t, Ag-g/t, Zn-%]

0 25 50 75 100
Metres

STEALTH MINING CORP.
PINE PROJECT

CROSS SECTION
32650N +/- 50m

SCALE: 1:3000	GEOL: DB	FILE: 98xs32650n
DATE: Jan1999	DRAWN: KP	FIGURE: XXX 13



ROCK CODES

	ROCK TYPE	CODE
LATE DYKES	TRACHYTE	7200
	LATITE	7500
	ANDESITE	7600
	BASALT	7700
INTRUSIONS	MONZODIORITE	5200
	MONZONITE	5300
	SYENITE	5400
	OTHER	5500
TODDOGGONE FORMATION	TRACHYTE	3200
	DACITE	3400
	LATITE	3500
	ANDESITE	3600
	BASALT	3700

3rd Digit
0 = not aplicable
1 = 0-10% primary quartz
2 = 10-20% primary quartz

4th Digit
0 = not aplicable
1 = non porphyritic
2 = porphyritic

3rd Digit
0 = not aplicable
1 = pyroclastic
2 = flow

4th Digit
0 = not aplicable
1 = heterolithic
2 = monolithic
3 = feldspar porphyritic
4 = pyroxine porphyritic
5 = quartz porphyritic

ABREVIATIONS

Chl - Chlorite
Ep - Epidote
Mag - Magnetite
2X - Secondary Mineral
M - Magnetite
C - Clay
K - Feldspar
Q - Quartz/Silicification
S - Sericite
Hem - Hematite
Gyp - Gypsum
Fp - Feldspar
Hbl - Hornblende
B - Biotite
Py - Pyrite
Cp - Chalcopyrite
Bo - Bornite

nc - No Core
na - Not Available
NSV - No Significant Values
ns - Not Sampled

LINETYPE DEFINITIONS

Infered Geologic Contact
Infered Fault
Overburden
Gold >0.1 g/t in core
Gold >0.2 g/t in core
Gold >0.3 g/t in core
Copper >0.1% in core

ALTERATION CODES

0 -Absent
1 -Weak
2 -Weak - Moderate
3 -Moderate
4 -Moderate - Strong
5 -Strong
Note - Numbers following sulphide minerals indicate % present

Cu/Au Zone
Clay Alteration

SYMBOLS

Drillhole

[0.03,0.13,0.5,0.11]/57.2
Composite Drill Core Assay Values
[Cu-%, Au-g/t, Ag-g/t, Zn-%]/interval - metres

[S][0.03,0.13,0.5,0.11]/57.2
Sludge Sample Assay Values
[Cu-%, Au-g/t, Ag-g/t, Zn-%]/interval - metres

9TDB-R34
[0.06, 0.57, 1.1, 0.6]
Rock Sample - Refer to Text
[Cu-%, Au-g/t, Ag-g/t, Zn-%]

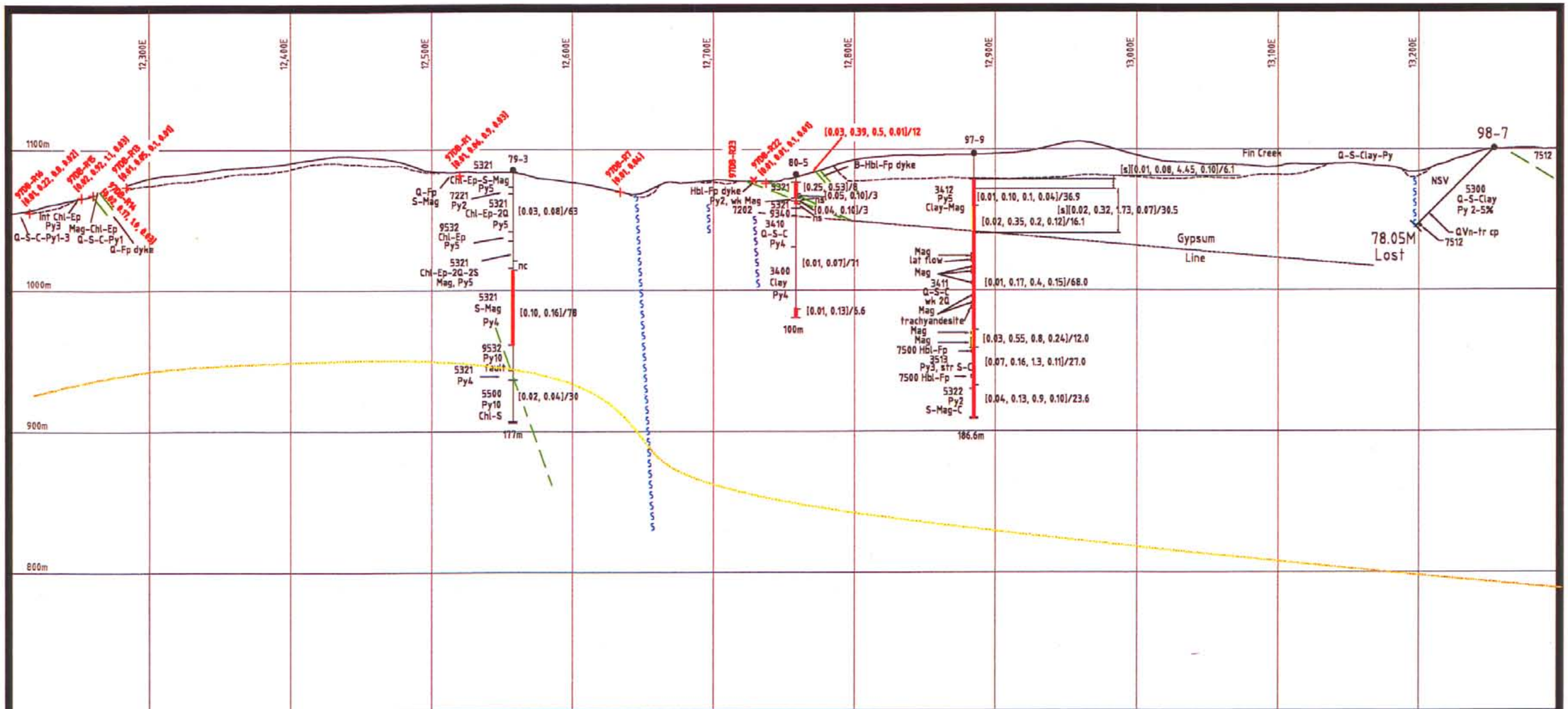
0 25 50 75 100
Metres

STEALTH MINING CORP.
PINE PROJECT

CROSS SECTION

32750N +/- 50m

SCALE: 1:3000	GEOL: DB	FILE: 32750.dwg
DATE: Jan1999	DRAWN: KP	FIGURE: xxx 14



ROCK CODES

	ROCK TYPE	CODE
LATE DYKES	TRACHYTE	7200
	LATITE	7500
	ANDESITE	7600
	BASALT	7700
INTRUSIONS	MONZODIORITE	5200
	MONZONITE	5300
	SYENITE	5400
	OTHER	5500
TODDOGGONE FORMATION	TRACHYTE	3200
	DACITE	3400
	LATITE	3500
	ANDESITE	3600
	BASALT	3700

3rd Digit
0 = not aplicable
1 = 0-10% primary quartz
2 = 10-20% primary quartz

4th Digit
0 = not aplicable
1 = non porphyritic
2 = porphyritic

3rd Digit
0 = not aplicable
1 = pyroclastic
2 = flow

4th Digit
0 = not aplicable
1 = heterolithic
2 = monolithic
3 = feldspar porphyritic
4 = pyroxine porphyritic
5 = quartz porphyritic

ABREVIATIONS

Chl - Chlorite
Ep - Epidote
Mag - Magnetite
2X - Secondary Mineral
M - Magnetite
C - Clay
K - Feldspar
Q - Quartz/Silicification
S - Sericite
Hem - Hematite
Gyp - Gypsum
Fp - Feldspar
Hbl - Hornblende
B - Biotite
Py - Pyrite
Cp - Chalcopyrite
Bo - Bornite

nc - No Core
na - Not Available
NSV - No Significant Values
ns - Not Sampled

LINETYPE DEFINITIONS

Infered Geologic Contact
Infered Fault
Overburden
Gold >0.1 g/t in core
Gold >0.2 g/t in core
Gold >0.3 g/t in core
Copper >0.1% in core

ALTERATION CODES

0 -Absent
1 -Weak
2 -Weak - Moderate
3 -Moderate
4 -Moderate - Strong
5 -Strong
Note - Numbers following sulphide minerals indicate % present

Cu/Au Zone
Clay Alteration

SYMBOLS

Drillhole

[0.03,0.13,0.5,0.11]/57.2
Composite Drill Core Assay Values
[Cu-%, Au-g/t, Ag-g/t, Zn-%]/interval - metres

[S][0.03,0.13,0.5,0.11]/57.2
Sludge Sample Assay Values
[Cu-%, Au-g/t, Ag-g/t, Zn-%]/interval - metres

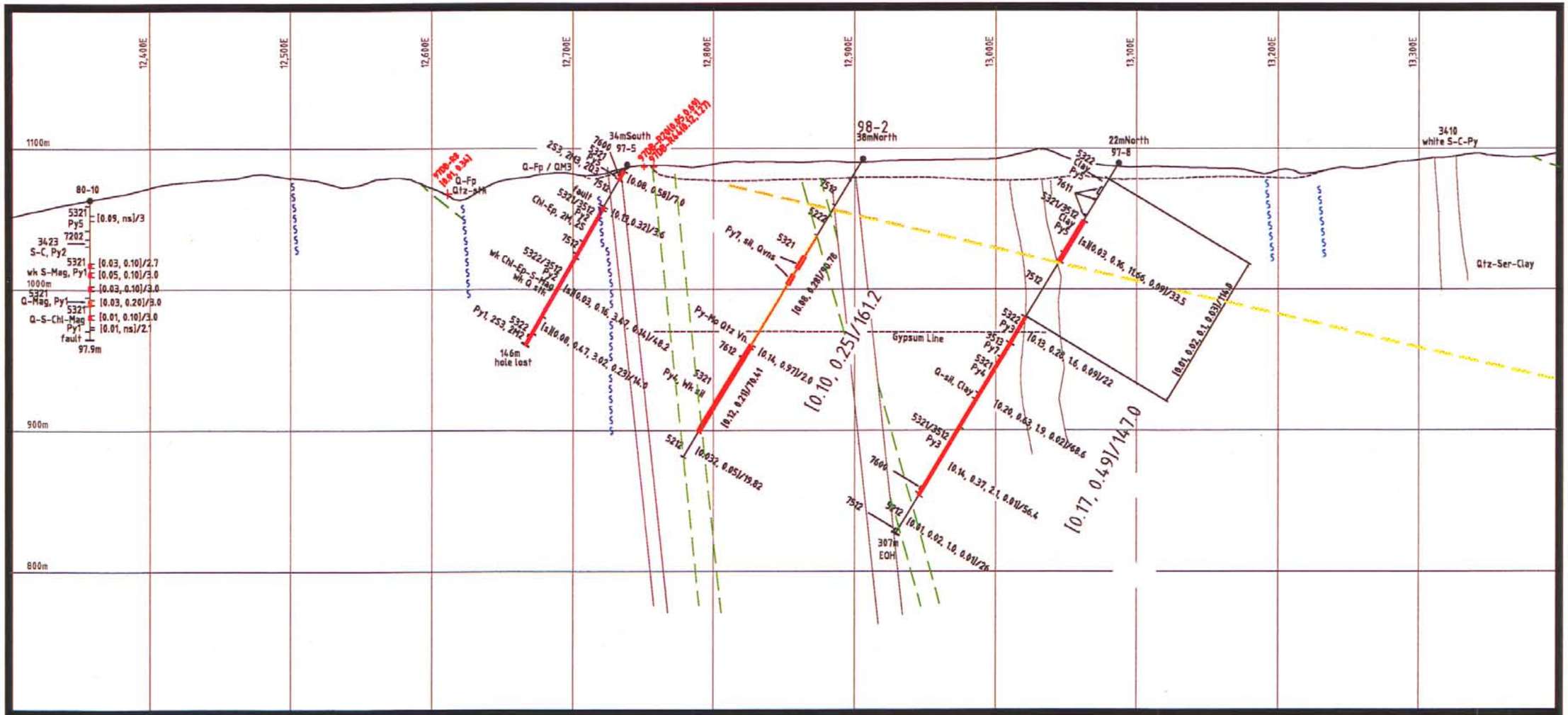
9708-R34
[0.06, 0.57, 1.1, 0.6]
Rock Sample - Refer to Text
[Cu-%, Au-g/t, Ag-g/t, Zn-%]

0 25 50 75 100
Metres

STEALTH MINING CORP.
PINE PROJECT

CROSS SECTION
32850N +/- 50m

SCALE: 1:3000	GEOL: DB	FILE: [illegible]
DATE: Jan 1999	DRAWN: KP/DB	FIGURE: N 15



ROCK CODES

	ROCK TYPE	CODE
LATE DYKES	TRACHYTE	7200
	LATITE	7500
	ANDESITE	7600
	BASALT	7700
INTRUSIONS	MONZODIORITE	5200
	MONZONITE	5300
	SYENITE	5400
	OTHER	5500
TODDOGGONE FORMATION	TRACHYTE	3200
	DACITE	3400
	LATITE	3500
	ANDESITE	3600
	BASALT	3700

3rd Digit
0 = not aplicable
1 = 0-10% primary quartz
2 = 10-20% primary quartz

4th Digit
0 = not aplicable
1 = non porphyritic
2 = porphyritic

3rd Digit
0 = not aplicable
1 = pyroclastic
2 = flow

4th Digit
0 = not aplicable
1 = heterolithic
2 = monolithic
3 = feldspar porphyritic
4 = pyroxine porphyritic
5 = quartz porphyritic

ABREVIATIONS

Chl - Chlorite
Ep - Epidote
Mag - Magnetite
2X - Secondary Mineral
M - Magnetite
C - Clay
K - Feldspar
Q - Quartz/Silicification
S - Sericite
Hem - Hematite
Gyp - Gypsum
Fp - Feldspar
Hbl - Hornblende
B - Biotite
Py - Pyrite
Cp - Chalcopyrite
Bo - Bornite

nc - No Core
na - Not Available
NSV - No Significant Values
ns - Not Sampled

LINETYPE DEFINITIONS

Infered Geologic Contact
Infered Fault
Overburden
Gold >0.1 g/t in core
Gold >0.2 g/t in core
Gold >0.3 g/t in core
Copper >0.1% in core

ALTERATION CODES

0 -Absent
1 -Weak
2 -Weak - Moderate
3 -Moderate
4 -Moderate - Strong
5 -Strong
Note - Numbers following sulphide minerals indicate % present

SYMBOLS

Drillhole

[0.03,0.13,0.5,0.11]/57.2
Composite Drill Core Assay Values
[Cu-%, Au-g/t, Ag-g/t, Zn-%]/interval - metres

[S][0.03,0.13,0.5,0.11]/57.2
Sludge Sample Assay Values
[Cu-%, Au-g/t, Ag-g/t, Zn-%]/interval - metres

97DB-R34
[0.06, 0.57, 1.1, 0.6]
Rock Sample - Refer to Text
[Cu-%, Au-g/t, Ag-g/t, Zn-%]

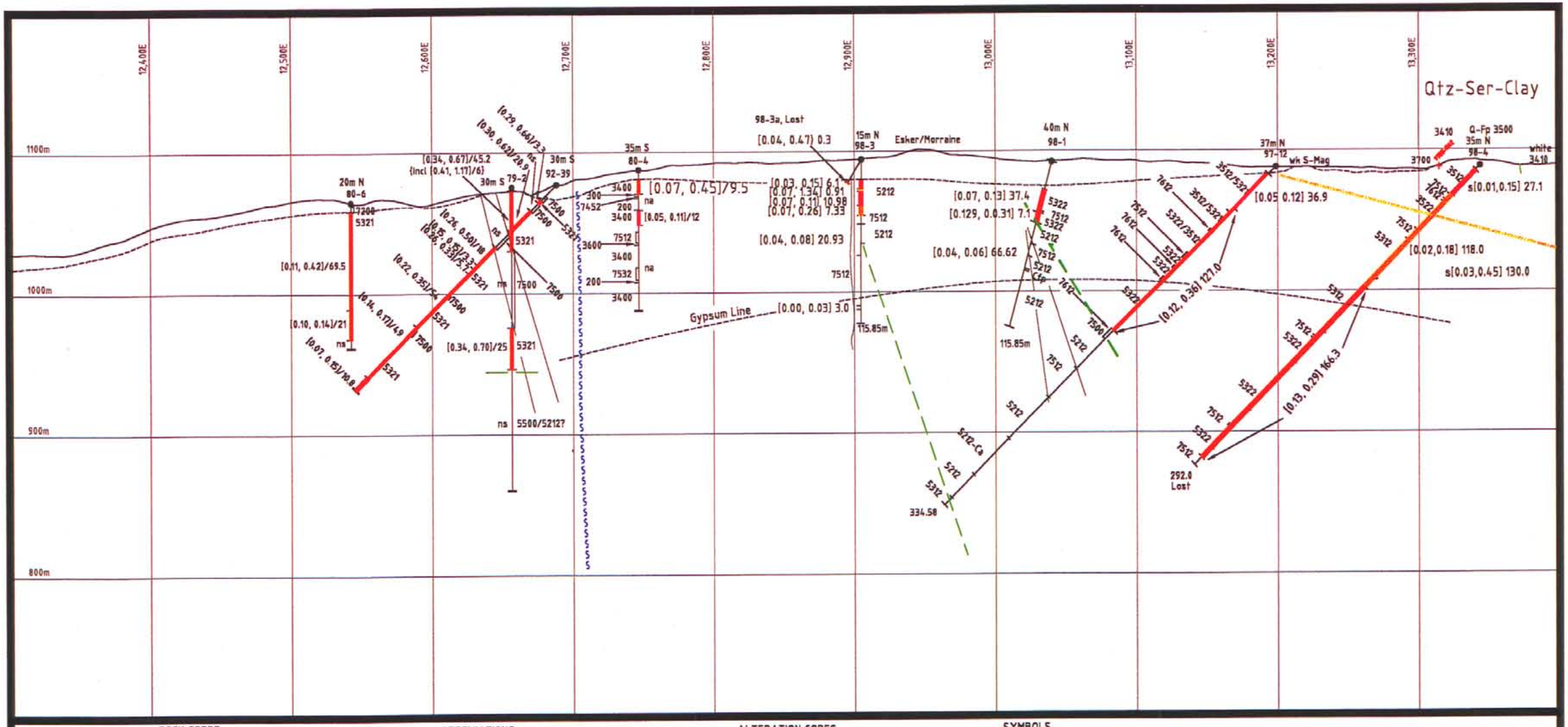
Cu/Au Zone
Clay Alteration

0 25 50 75 100
Metres

STEALTH MINING CORP.
PINE PROJECT

CROSS SECTION
32950N +/- 50m

SCALE: 1:3000	CHECK: DB	FILE:
DATE: Dec. 98	DRAWN: KP/db	FIGURE: # 16.



ROCK CODES

	ROCK TYPE	CODE
LATE DYKES	TRACHYTE	7200
	LATITE	7500
	ANDESITE	7600
	BASALT	7700
INTRUSIONS	MONZODIORITE	5200
	MONZONITE	5300
	SYENITE	5400
	OTHER	5500
TODDOGGONE FORMATION	TRACHYTE	3200
	DACITE	3400
	LATITE	3500
	ANDESITE	3600
	BASALT	3700

3rd Digit
0 = not aplicable
1 = 6-10% primary quartz
2 = 10-20% primary quartz

4th Digit
0 = not aplicable
1 = non porphyritic
2 = porphyritic

3rd Digit
0 = not aplicable
1 = pyroclastic
2 = flow

4th Digit
0 = not aplicable
1 = heterolithic
2 = monolithic
3 = feldspar porphyritic
4 = pyroxine porphyritic
5 = quartz porphyritic

ABREVIATIONS

Chl - Chlorite
Ep - Epidote
Mag - Magnetite
2X - Secondary Mineral
M - Magnetite
C - Clay
K - Feldspar
Q - Quartz/Silicification
S - Sericite
Hem - Hematite
Gyp - Gypsum
Fp - Feldspar
Hbl - Hornblende
B - Biotite
Py - Pyrite
Cp - Chalcopyrite
Bo - Bornite

nc - No Core
na - Not Available
NSV - No Significant Values
ns - Not Sampled

LINETYPE DEFINITIONS

Infered Geologic Contact
Infered Fault
Overburden
Gold >0.1 g/t in core
Gold >0.2 g/t in core
Gold >0.3 g/t in core
Copper >0.1% in core

ALTERATION CODES

0 -Absent
1 -Weak
2 -Weak - Moderate
3 -Moderate
4 -Moderate - Strong
5 -Strong

Note - Numbers following sulphide minerals indicate % present

[0.03,0.13,0.5,0.11]/57.2

[S][0.03,0.13,0.5,0.11]/57.2

97DB-R34
[0.06, 0.57, 1.1, 0.6]

Cu/Au Zone
Clay Alteration

SYMBOLS

Drillhole

Composite Drill Core Assay Values
[Cu-%, Au-g/t, Ag-g/t, Zn-%]/interval - metres

Sludge Sample Assay Values
[Cu-%, Au-g/t, Ag-g/t, Zn-%]/interval - metres

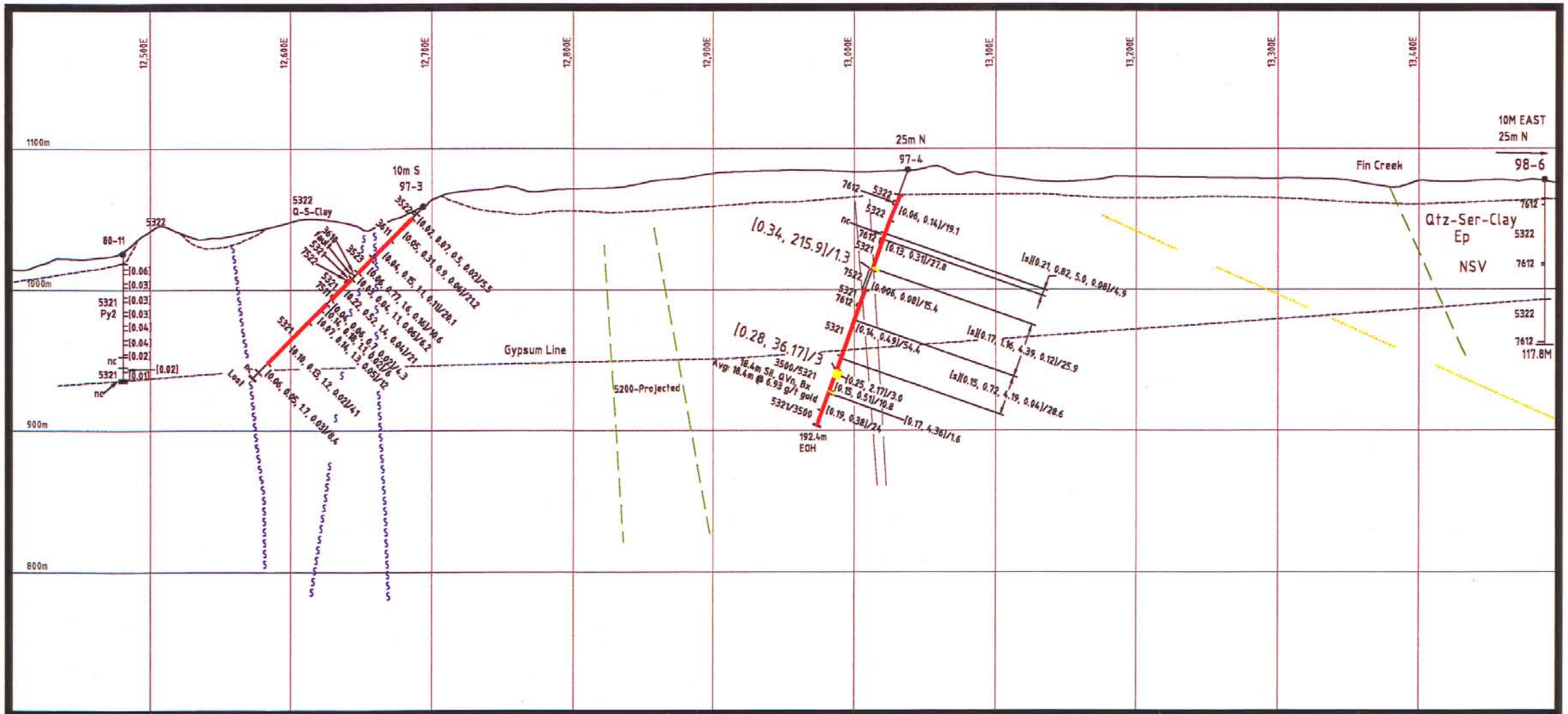
Rock Sample - Refer to Text
[Cu-%, Au-g/t, Ag-g/t, Zn-%]

0 25 50 75 100
Metres

STRALTH MINING CORP.
PINE PROJECT

CROSS SECTION
33050N +/- 50m

SCALE: 1:3000	CHK: DB	FILE: [illegible]
DATE: Jan99	DRAWN: KP/DB	FIGURE: 18 7



ROCK CODES

	ROCK TYPE	CODE	3rd Digit	4th Digit
LATE DYKES	TRACHYTE	7200		
	LATITE	7500		
	ANDESITE	7600		
	BASALT	7700		
INTRUSIONS	MONZODIORITE	5200	3rd Digit 0 = not aplicable 1 = 0-10% primary quartz 2 = 10-20% primary quartz	4th Digit 0 = not aplicable 1 = non porphyritic 2 = porphyritic
	MONZONITE	5300		
	SYENITE	5400		
	OTHER	5500		
TODDOGGONE FORMATION	TRACHYTE	3200	3rd Digit 0 = not aplicable 1 = pyroclastic 2 = flow	4th Digit 0 = not aplicable 1 = heterolithic 2 = monolithic 3 = feldspar porphyritic 4 = pyroxine porphyritic 5 = quartz porphyritic
	DACITE	3400		
	LATITE	3500		
	ANDESITE	3600		
	BASALT	3700		

ABREVIATIONS

Chl - Chlorite
Ep - Epidote
Mag - Magnetite
2X - Secondary Mineral
M - Magnetite
C - Clay
K - Feldspar
Q - Quartz/Silicification
S - Sericite
Hem - Hematite
Gyp - Gypsum
Fp - Feldspar
Hbl - Hornblende
B - Biotite
Py - Pyrite
Cp - Chalcopyrite
Bo - Bornite

nc - No Core
na - Not Available
NSV - No Significant Values
ns - Not Sampled

LINETYPE DEFINITIONS

Infered Geologic Contact
Infered Fault
Overburden
Gold >0.1 g/t in core
Gold >0.2 g/t in core
Gold >0.3 g/t in core
Copper >0.1% in core

ALTERATION CODES

0 -Absent
1 -Weak
2 -Weak - Moderate
3 -Moderate
4 -Moderate - Strong
5 -Strong
Note - Numbers following sulphide minerals indicate % present

Cu/Au Zone
Clay Alteration

SYMBOLS

Drillhole

[0.03,0.13,0.5,0.11]/57.2
Composite Drill Core Assay Values
[Cu-%, Au-g/t, Ag-g/t, Zn-%]/interval - metres

[S][0.03,0.13,0.5,0.11]/57.2
Sludge Sample Assay Values
[Cu-%, Au-g/t, Ag-g/t, Zn-%]/interval - metres

97DB-R34
[0.06, 0.57, 1.1, 0.6]
Rock Sample - Refer to Text
[Cu-%, Au-g/t, Ag-g/t, Zn-%]

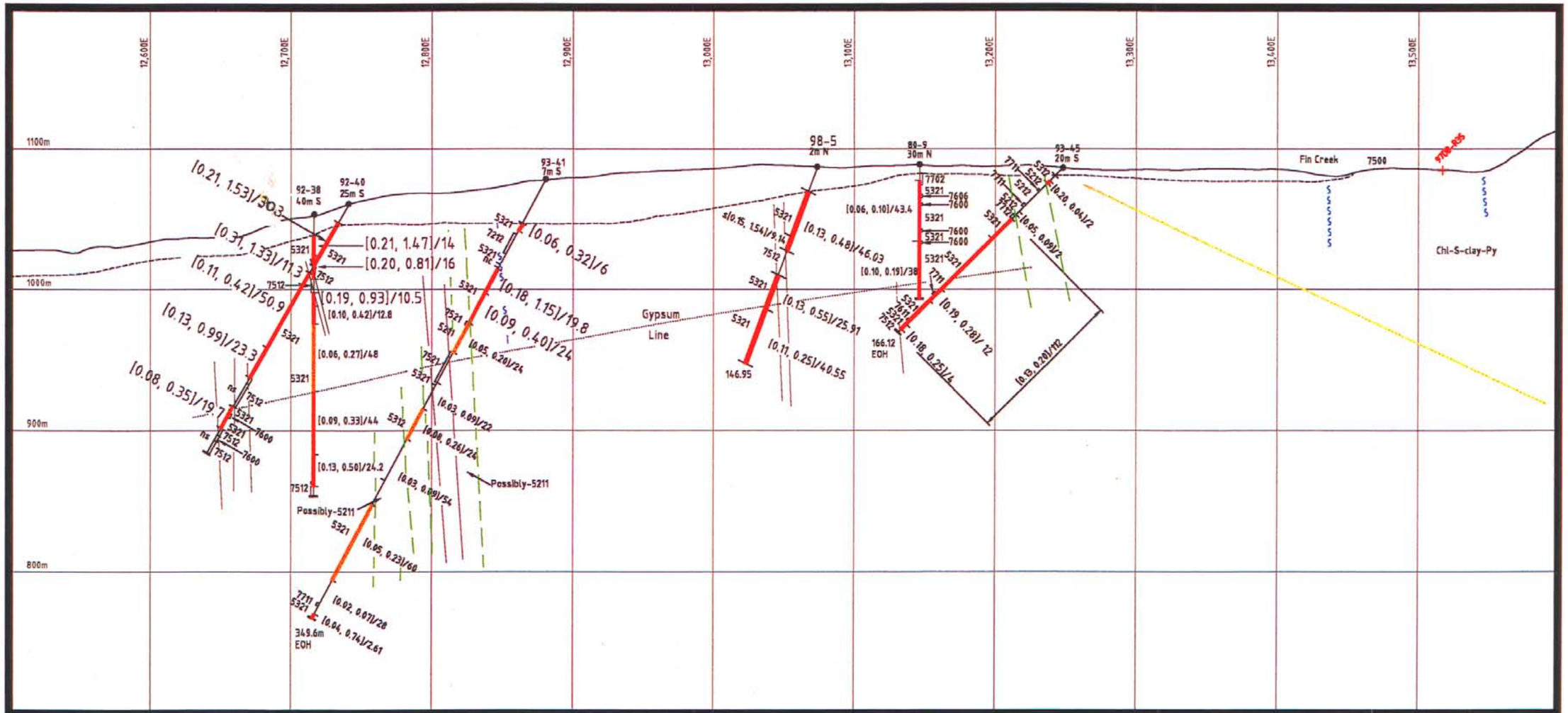
0 25 50 75 100
Metres

STEALTH MINING CORP.
PINE PROJECT

CROSS SECTION

33150N +/- 50m

SCALE: 1:3000	GEOL: DB	FILE: Nm33150.dwg
DATE: Jan 1999	DRAWN: KP/DB	FIGURE: 13 18



ROCK CODES

	ROCK TYPE	CODE
LATE DYKES	TRACHYTE	7200
	LATITE	7500
	ANDESITE	7600
	BASALT	7700
INTRUSIONS	MONZODIORITE	5200
	MONZONITE	5300
	SYENITE	5400
	OTHER	5500
TODDOGGONE FORMATION	TRACHYTE	3200
	DACITE	3400
	LATITE	3500
	ANDESITE	3600
	BASALT	3700

3rd Digit
0 = not aplicable
1 = 0-10% primary quartz
2 = 10-20% primary quartz

4th Digit
0 = not aplicable
1 = non porphyritic
2 = porphyritic

3rd Digit
0 = not aplicable
1 = heterolithic
2 = monolithic
1 = pyroclastic
2 = flow

4th Digit
0 = not aplicable
1 = heterolithic
2 = monolithic
3 = feldspar porphyritic
4 = pyroxine porphyritic
5 = quartz porphyritic

ABREVIATIONS

Chl - Chlorite
Ep - Epidote
Mag - Magnetite
2X - Secondary Mineral
M - Magnetite
C - Clay
K - Feldspar
Q - Quartz/Silicification
S - Sericite
Hem - Hematite
Gyp - Gypsum
Fp - Feldspar
Hbl - Hornblende
B - Biotite
Py - Pyrite
Cp - Chalcopyrite
Bo - Bornite

nc - No Core
na - Not Available
NSV - No Significant Values
ns - Not Sampled

LINETYPE DEFINITIONS

Infered Geologic Contact
Infered Fault
Overburden
Gold >0.1 g/t in core
Gold >0.2 g/t in core
Gold >0.3 g/t in core
Copper >0.1% in core

ALTERATION CODES

0 -Absent
1 -Weak
2 -Weak - Moderate
3 -Moderate
4 -Moderate - Strong
5 -Strong
Note - Numbers following sulphide minerals indicate % present

Cu/Au Zone
Clay Alteration

SYMBOLS

Drillhole

[0.03,0.13,0.5,0.11]/57.2
Composite Drill Core Assay Values
[Cu-%, Au-g/t, Ag-g/t, Zn-%]/interval - metres

[S][0.03,0.13,0.5,0.11]/57.2
Sludge Sample Assay Values
[Cu-%, Au-g/t, Ag-g/t, Zn-%]/interval - metres

97DB-R34
[0.06, 0.57, 1.1, 0.6]
Rock Sample - Refer to Text
[Cu-%, Au-g/t, Ag-g/t, Zn-%]

0 25 50 75 100
Metres

STEALTH MINING CORP.
PINE PROJECT

CROSS SECTION
33250N +/- 50m

SCALE: 1:3000	CHK: DB	FILE: [illegible]
DATE: Jan 1999	DRAWN: KP/DB	FIGURE: 14 19