Report on Exploration Activities

on the

MINT - OPHIRA PROPERTY
Mint, Ophira 1-3 Mineral Claims
New Westminster Mining Division

N.T.S. 092H/04E
Latitude 49° 04' N
Longitude 121° 37' W

For
Sino Pacific Developments Ltd.
P.O. Box 11512, 2400-650 West Georgia St.
Vancouver, British Columbia, V6B-4N7

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Effective Date: December 14, 2004

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Item 3:

Summary

The 43 unit (approximately 1000 hectares) Ophira Mineral Property is located approximately 100 kilometres east of Vancouver and 26 kilometres southeast of Chilliwack, British Columbia on NTS map sheet O92H/04E.

The property protects two known gold showings discovered over 100 years ago. The Shaft zone reportedly hosting high grade gold values and the Adit Zone quartz-pyrrhotite vein which hosts high grade (125 g/t Au over 8 cm) gold values. Also the Chilliwack River asbestos showing underlies the northwest part of the claims

From 1903 to 1987 sporadic exploration and development work was completed on the showings under several different claim ownerships with no new mineralization being discovered.

In 1987 Pierce Mountain Resources Ltd. acquired the Property from Mr. Gerald Yakamishin. Approximately $70,000 worth of surficial exploration work was completed around the area of the known showings. Several new anomalous areas were discovered. All the claims except the Mint reverted Crown grant were allowed to lapse.

On June 1, 2004 Sino pacific developments Ltd. entered into a property Option agreement with GSMY Developments Ltd. to acquire the property now staked as the OPHIRA 1-3 claims on May 10, 2004. To fulfill the terms of the agreement Sino Pacific Developments Ltd. has to make $$75,000 in cash payments over a 5 year period and complete $5,300,000 in work commitments over a 6-year period.

The Mint - Ophira Property is underlain by highly deformed, medium to high-grade metamorphic rocks of obducted island arc provenance. All lithologies are intruded by, Tertiary intermediate to felsic intrusives assigned to the Oligocene-Miocene Chilliwack Batholith which outcrops under the south east side of the property.

The Mint - Ophira Property covers northernmost known of several auriferous quartz-pyrrhotite+/- chalcopyrite shear zone associated and stockwork vein deposits hosted by several lithologies immediately west of, adjacent to and thought to be related to emplacement of the Chilliwack Batholith. The gold values are variably associated with weakly to highly anomalous arsenic, silver and copper, antimony and bismuth.

The region has a recorded mineral exploration history dating back to about 1898 with the discovery of the high grade Boundary-Red deposits immediately south of the Canada US border. The Showings on Pierce mountain have had an intermittent and sporadic exploration history dating to 1903 with the development of several workings including at 27 meter shaft and trenches on the "Shaft Zone", and adit and several trenches at the "Adit zone" plus recorded additional trenches developed between 1903 and 1973 as described in the extant literature.

In 1987, a single grid was established over and around the "Shaft" and "Adit" zones to provide control for multi-element geochemical soil and rock sampling and ground VLF and magnetic programs. Results from this program partially outlined spotty sometimes coincident gold, arsenic and copper geochemical soil anomalies on the grid and silt anomalies. The rock sampling program detailed and expanded the mineralization in and around the known showings.

From June to September 2004, two small programs of confirmation rock, and moss mat stream sediment sampling followed by an October diamond drilling program were completed on the property. The rock sampling of the "Adit Zone" confirmed high grade gold results (125.5 g/t gold over 8 cm) in a narrow northeast striking steeply northwest dipping shear zone associated quartz-pyrrhotite vein. A moss mat and rock sampling program completed over a creek draining the north side of Pierce Mountain confirmed the high grade stream sediment samples (up to 710 ppb gold) taken from earlier programs.

In October 2004 a 310.55 meter diamond drill program testing the secondary "Shaft Zone" target was completed. Drilling results confirmed and enlarged the extent of weakly to highly anomalous gold results from earlier trench sampling at the surface. The best gold values (1.4 g/t over a drill width of 1.6 meters (estimated true width of .6 meters) north east of the "Shaft Shear Zone" 40 meters vertically below the surface in hole OP-04-05) appear to be associated with late stage white weakly mineralized quartz stockwork veins occupying brittle fractures. Arsenic is usually does not accompany the best gold values but often directly brackets and overlies them. Arsenic has a much closer association with less than 100 ppb gold results in the top 30 meters of most drill holes. A weak but persistent very fine pyrrhotite+/- chalcopyrite stockwork system with associated carbonate-chlorite +/- quartz alteration within hornfelsed mafic volcanic and associated sediments is spatially associated with sporadic weakly anomalous gold results. It is possible that concurrent with the best gold values being obtained in deeper drill holes with the best arsenic values usually up dip of these intersections that the area tested is near the top of a gold bearing system that may contain much better gold values (125 g/t Au) such as those returned in the stratigraphically lower (~180 meters) "Adit Zone".

This zonation is somewhat reflected in the stream sediment sampling taken to date, where (especially on the more thoroughly sampled north slope of Pierce Mountain) anomalous arsenic values stratigraphically overly anomalous gold results taken from samples lower down the same drainages.

The cost of the 2004 exploration programs was about $152,000.00 dollars

Based on past and recent exploration results it is concluded that the Ophira property has the potential to host potentially economic gold mineralization. This conclusion is based on the following geological evidence. Anomalous gold values are spatially associated with but underlie anomalous arsenic at the following locations; the "Shaft Zone" drilling at 1750 to1800 meters elevation, stream sediment samples on the north and east slopes of Pierce Mountain upstream of anomalous to locally highly anomalous gold values lower down below about 1300 meters, high grade gold with little arsenic but higher copper values at the ~190 meter stratigraphically lower "Adit Zone" at ~1610 meters elevation (in relation to the "Shaft Zone"). This signature, based on current exploration models infers a relatively shallow level style of gold mineralization with the highest explored areas at 1800 meters at the Shaft zone that overlies a potentially more prospective gold bearing "horizon", partially defined at the "Adit zone" at 1610 meters, the Pierce Lake zone at 1400-1500 meters and the north slope stream sediment gold anomalies at 600 to 1300 meters elevation.

The strength and persistence of the gold results obtained from the unnamed drainage originating from the upper north slopes of Pierce mountain strongly suggests at least one possibly important bedrock gold source between 1400 and 700 meters elevation in that and possibly adjacent drainages. The area is vertically challenging and thickly vegetation covered. Proposed, in this area, is an initial $50,000.00 partially helicopter supported detailed, combined stream sediment (moss mat, silt sampling), contour soil sampling at 50 to 100 meters elevation spacing, bedrock and float prospecting of the prospective drainages and surrounding bedrock exposures for evidence of bedrock gold mineralization. Contingent on exploration success of these programs in developing valid targets, more detailed soil, stream sediment, bedrock sampling and geological mapping programs would be completed prior to trenching and drill testing.

At the Adit zone, the partially completed drill pads should be completed using timber from the pads left at the "Shaft Zone". Recommended is an initial $75,000.00 helicopter supported diamond drill program with at least one hole drilled per pad, and preferably at least 2 holes drilled to test at depth and along strike the Adit Vein for potentially economic gold mineralization.

The most favourable times to complete these programs would be from mid July to late September. Contingent on the exploration success of the developing targets further exploration expenditures would be made.

Item 4:

Introduction and Terms of Reference

The author, Joseph E.L. Lindinger, P.Geo., was contracted by Sino Pacific Developments Ltd. to complete a summary report on the merits for exploring for gold mineralization based on historic and recent exploration efforts on the Mint - Ophira Property, conforming to National Instrument 43-101 Standards of Disclosure for Mineral Projects. Mr. Lindinger, P.Geo. is an Independent Qualified Person as defined in NI 43-101.

In addition to summarizing results of previous exploration the technical work this report documents includes the results of moss mat, rock sampling, and diamond drill programs completed between June 8 to October 31, 2004. The programs were designed, overseen and documented by Mr. Lindinger, P.Geo. This report is based on an extensive review of all available exploration data and personal observations from the property.

Item 5:

Disclaimer

The author is responsible for all geological interpretations resulting from the research and fieldwork this report documents. The conclusions and recommendations made in this report are those of Mr. Lindinger, P.Geo. based on his exploration and mining experience in gold bearing mineral deposits from 1983 to 2004.

Item 6:

Property Description and Location

The Mint - Ophira Property covers approximately 1050 hectares in south western British Columbia, consisting of one two post claim, and three metric claims totaling 43 claim units, in the New Westminster Mining Division of British Columbia. The writer examined the Legal Claim Post which confirms the location of the OPHIRA 1, and it appears as located on the government tenure map.
The claims are currently 100% owned by G.S.M.Y. Developments Ltd.. No legal survey has been completed on the property.
Sino Pacific Developments Ltd., on June 1, 2004 entered into an option agreement to acquire a 100% right, title and interest in the Mint – Ophira property, subject to a 2% net smelter returns royalty reserved in favor of G.S.M.Y. Developments Ltd., (a private company 100% owned by Mr. Gerald Yakamishin). In order for Sino Pacific Developments Ltd. to maintain the Option in good standing, Sino Pacific Developments Ltd. must: (1) make scheduled cash payments to G.S.M.Y. Developments Ltd. totaling $75,000 by June 1, 2008; and (2) incur not less than $5,300,000 in exploration and/or development expenses on the Ophira Property by November 1, 2009.
Sino Pacific Developments Ltd. shall have the right to buy out the royalty at any time in consideration of the payment to GSMY Developments Ltd. of 2,000 ounces of gold at the current spot rate of gold at the Exercise Date, or the equivalent amount in cash and common shares in the capital stock of Sino Pacific Developments Ltd. as the Company may elect, provided that the value of the common shares issued does not exceed 25% of the total consideration.
The Mint - Ophira property is not subject to any known environmental liabilities. The surface rights are owned by the Crown.
The claims cover the known bedrock gold bearing intrusion associated gold bearing zones known as the "Shaft" and "Adit Zones" as well as copper bearing float "Chalcopyrite Showing", gold in soil anomalies "Pierce Lake Zone" and other anomalous areas and finally stream sediment anomalous areas in the north portions of the claims. (Figure 3, 5, 7a, 7b). The northwest portion of the property covers the "Chilliwack River" asbestos showing. There are no known mineral resources, or mineral reserves on the property.

Known workings on the property include, one 5 meter adit (Adit Zone), one caved in 27 meter shaft and two trenches (Shaft Zone) and at least 2 trenches near the Adit zone.

Table 1
Mint - Ophira Property Mineral Claims

Claim Name	tenure No.	Unit size	Expiry
MINT 1	235397	1	March 29, 2005
OPHIRA #1	410245	12	May 7, 2006
OPHIRA #2	410246	12	May 7, 2006
OPHIRA #3	410247	18	May 7, 2006
Total units		43	

In order to conduct line cutting, trenching and drilling, recommended in Section 20 of this report, a permit from the British Columbia Ministry of Energy and Mines will be required. Sino Pacific Development Ltd currently has a permit backed by a $3000 bond to conduct Alpine drilling on the claims

Item 7: Accessibility, Climate, Local Resources, Infrastructure and Physiography

The Mint - Ophira property is located on Mount Macfarlane and Mount Pierce, 26 kilometers southeast of Chilliwack and 23 kilometers south-southeast of Agassiz, British Columbia. (Figure 2). The property lies within the Cascade Mountains of southwestern British Columbia. Mount MacFarlane, Pierce Mountain and part of Crossover Peak are covered by the claim block in an area of steep topographic relief. The Chilliwack River occupies a west draining, steeply incised valley, north of the property. Nesakwatch Creek runs thru the extreme northeast corner of the claims. The lowest part of the property is Nesakwatch Creek at 510 meters, the highest part of the property is Mount Macfarlane at about 2085 meters. The vegetation on the lower parts of the property consists of typical temperate coastal rain forest. Spruce, hemlock, cedar and fir cover lower elevations with timber line at about 1750 meters. Road access to the northern edge of the property is via the paved Chilliwack Lake Road for 26 kilometers from The Vedder road junction south of Sardis, to the west Nesakwatch logging road that runs along the south side of the Chilliwack River for 3 kilometers to several recent established short logging roads. Road Access to the east edge of the property is via the east Nesakwatch logging road which departs south from the Chilliwack Lake Road at about Km 29. There is a trail to Pierce Lake and beyond to the cirque lake "Upper Pierce Lake" that the rocks hosting the Shaft Zone dams. With the exception of difficult surface access the only practical access over much of the property is via a helicopter. Accommodation, food, and fuel are available in the towns of Sardis and Chilliwack northwest of the property. Farming, logging, and tourism are the primary resource activities in the region. Access to numerous equipment contractors is available on relatively short notice.
The climate is wet coastal. Snowfall can exceed 6 metres at higher elevations, and rain showers are common in the summer and fall. Temperatures range from $-15^{\circ}C$ in winter to $+30^{\circ}C$ in summer. Most surface mineral exploration at and above the tree line can be conducted between June 15 and mid October. Active logging operations are being conducted near the northern areas of the property.
A medium sized high tension power line, and a natural gas pipeline run through the of the Chilliwack River valley. Sufficient water and room for potential waste disposal, tailings storage, and processing plant sites all exist in the general project area. Pierce Creek is currently being studied for micro hydro development.

Figure 1 Property Location Map

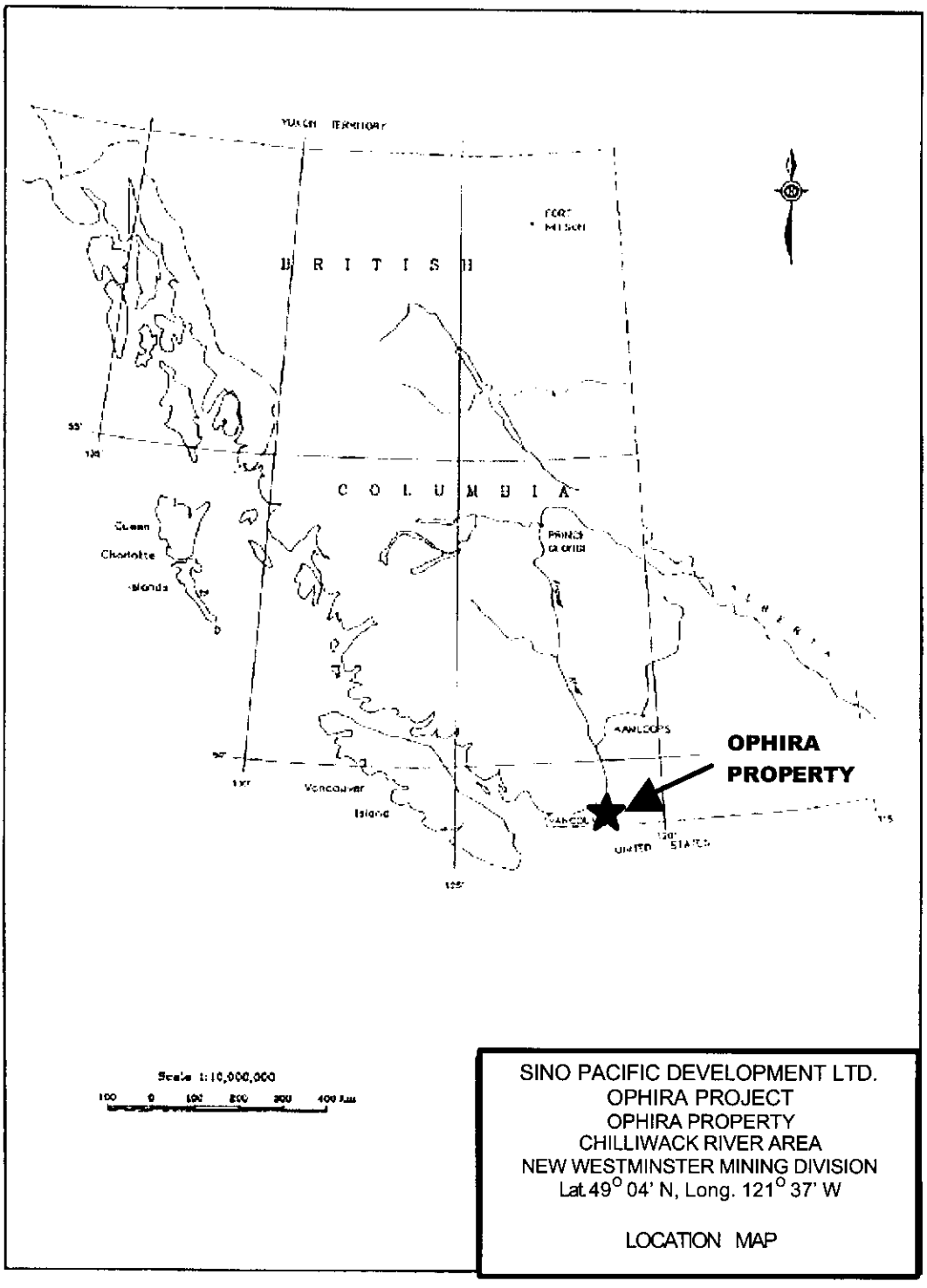
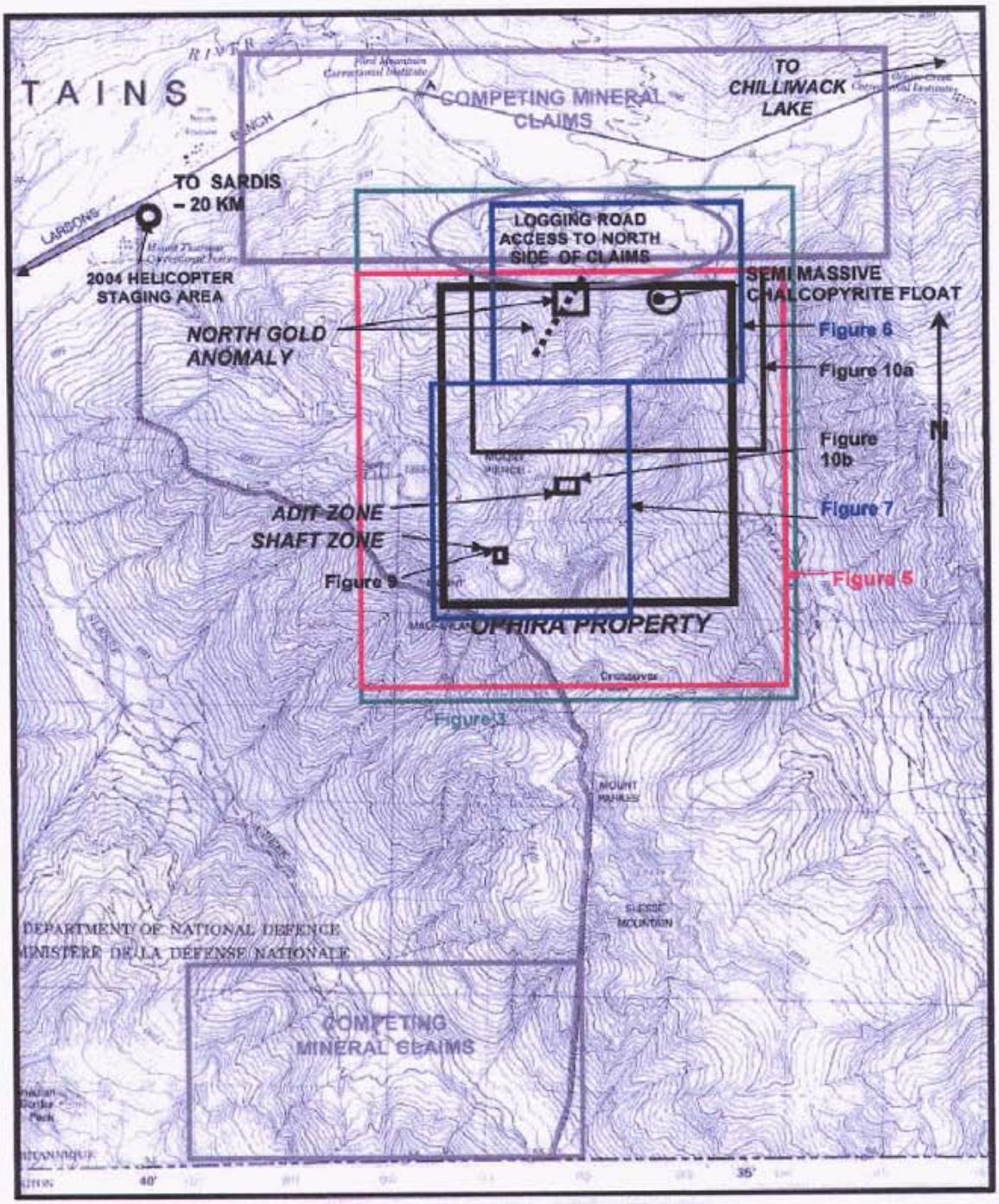


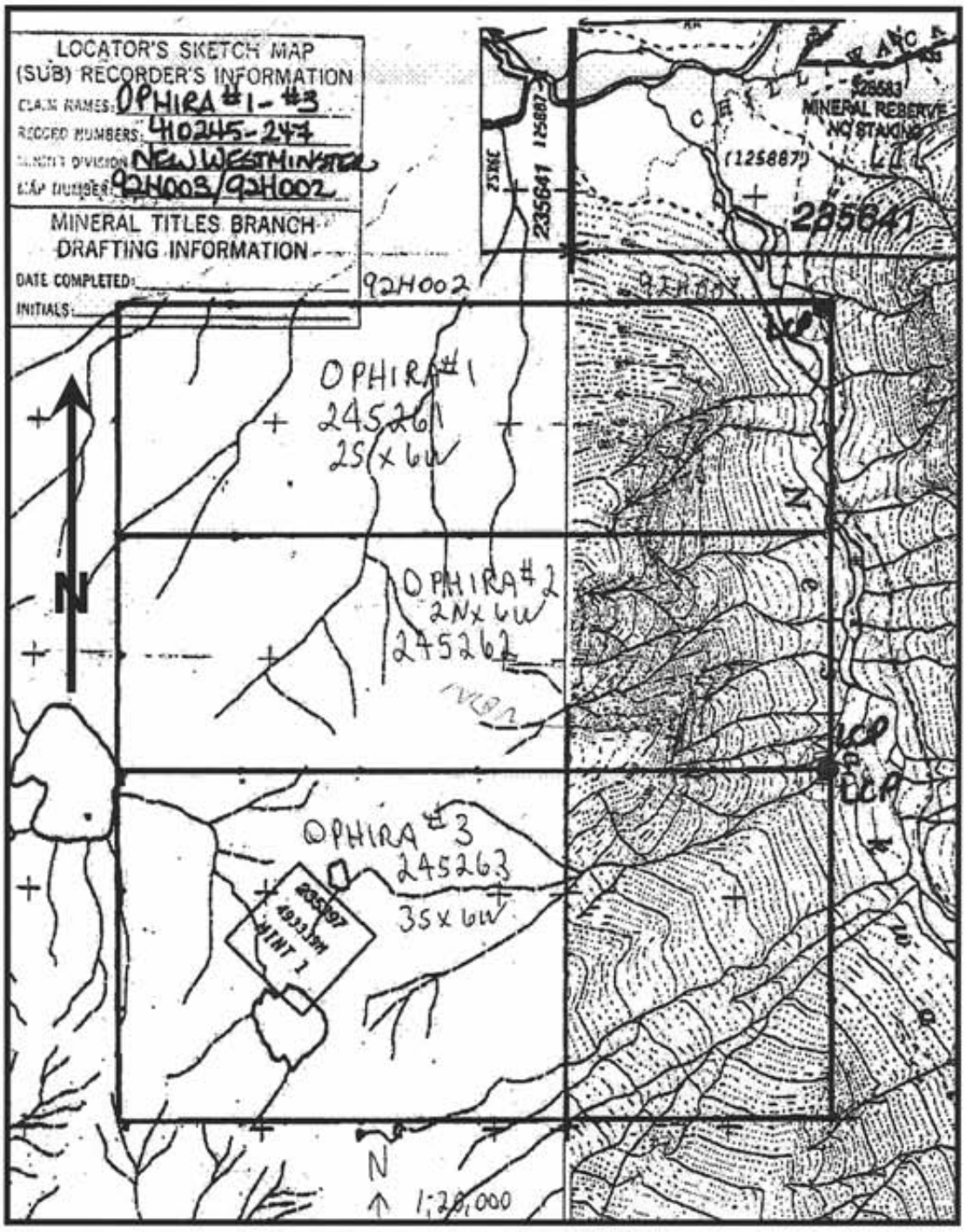
Figure 2 Topography and Access



SINO PACIFIC DEVELOPMENTS LTD.
OPHIRA PROJECT – OPHIRA PROPERTY
NEW WESTMINSTER MINING DIVISION
NTS 092H/04E – 40° 04' N, 121° 37' W.
TOPOGRAPHY, ACCESS AND INDEX MAP
FIGURE 2, DECEMBER 10, 2004, SCALE 1:50,000

879 McQueen Drive, Kamloops, British Columbia, V2B-7X8
Tel-Fax 250-554-6887. Email, joslind@telus.net

Figure 3 Mineral Tenure Map



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MINERAL TENURE MAP
FIGURE 3, DECEMBER 7, 2004, SCALE 1:20,000

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Item 8: History

The following description of the current Ophira property is described by Christopher, 1988;

> ..."Exploration in the area of the Pierce Mountain Property appears to date from 1898 when the Lone Jack gold property on Red Mountain was staked near the U.S.-Canada border (Grant, 1987). The Red Mountain Mine has reported production between 1914 and 1946 of 46,000 ounces of gold from 80,000 tons of ore. Production from the Red Mountain Mine was mainly from a NNE striking quartz vein.
> The first published reference to the Pierce Mountain Property was by Daly in the report for the Canadian Geological Survey for 1901. He refers to a gold property being exploited by Mr. G.O. Pierce at an elevation of 5100 feet. In Daly's report for 1901 he credits the Pierce Mountain Property as being the producer of free-milling gold ore valued at $40 to the ton. In the 1915 report of the Minister of Mines, Brewer describes several open-cuts and a 90 foot shaft that was water filled.
> The 1933 Report of the Minister of Mine describes prospecting activity on Pierce Mountain but no development is reported.
> The 1972 geology, exploration and mining report describes the property as the Mountain Goat, consisting of the Mountain Goat 1 to 24 owned by Bart Mines Ltd. of Vancouver. A program consisting of 4 line-miles of magnetics, 250 soil samples and about 1,000 feet of trenching was completed.
> Pierce Mountain Resources Ltd. acquired the Chuck 1, Chuck 2 and Mint I claims from prospector Gerald Yakamishin and consolidated the area by staking an additional 51 contiguous metric units and the Chuck fractional claim. A program of including 12.6 line kilometers of VLF-EM and magnetics, grid construction, 548 soil samples, 76 silt samples and rock sampling and mapping of showings was undertaken between March and August of 1987."...

No known work was recorded on the property and all the claims with the exception of the Mint 1 2 post claim were allowed to lapse.

In early May 2004, the Ophira claims were staked for GSMY Developments Limited. The claims are currently under option by Sino-pacific Developments Limited. Work in 2004 comprised of confirmation rock and stream sediment sampling, followed by a diamond drilling program on the "Shaft zone". The results of the 2004 work are summarized in this report.

Item 9: Geological Setting

Regional Geology

The region has a complex geological history and is comprised of several juxtaposed fault bound steeply dipping remnants of allocthonous volcanic - sedimentary packages of oceanic arc provenance ranging from Proterozoic to Jurassic ages. These obducted packages have subsequently been refaulted by regional strike-slip structures (Fraser Fault) with accompanying second and third order structures. Several generations of Cretaceous and later intrusive bodies invade the earlier packages of which the composite Miocene aged Chilliwack Batholith is the largest and locally most important.
The obducted lithologies host several volcanic hosted massive sulphide deposits such as the Seneca west of Harrison Lake. The intrusive activity generated several gold bearing mineral deposits which are detailed below; Ray, 1986, page 95, describes the regional intrusive history:

> ..."a regional episode of Mid-Tertiary plutonism in the Harrison Lake area, approximately 100 kilometres east of Vancouver, is associated with widespread vein-type gold mineralization. This magmatic event was structurally controlled and resulted in the emplacement of numerous, variably sized plutons along a major, northwesterly trending lineament (Fig. 10-1). These plutons intrude a variety of sedimentary and

volcanic rocks that range in age from Pennsylvanian to Cretaceous; the plutons are diorite to quartz diorite to granodiorite in composition and yield K/ Ar (biotite) ages between 19 and 26 Ma. In part, the lineament follows the Harrison Lake fracture system, which is associated with regional hot spring activity (Fig.10-1); the location of its northwesterly continuation beyond Harrison Lake is uncertain. Southeastward, it is traceable to the 48th parallel in Washington State where it is probably marked by the 20 to 22-Ma-old Cloudy Pass and Cascade Pass plutons (Crowder, et al., 1966; Misch, 1966; Grant, 1969).

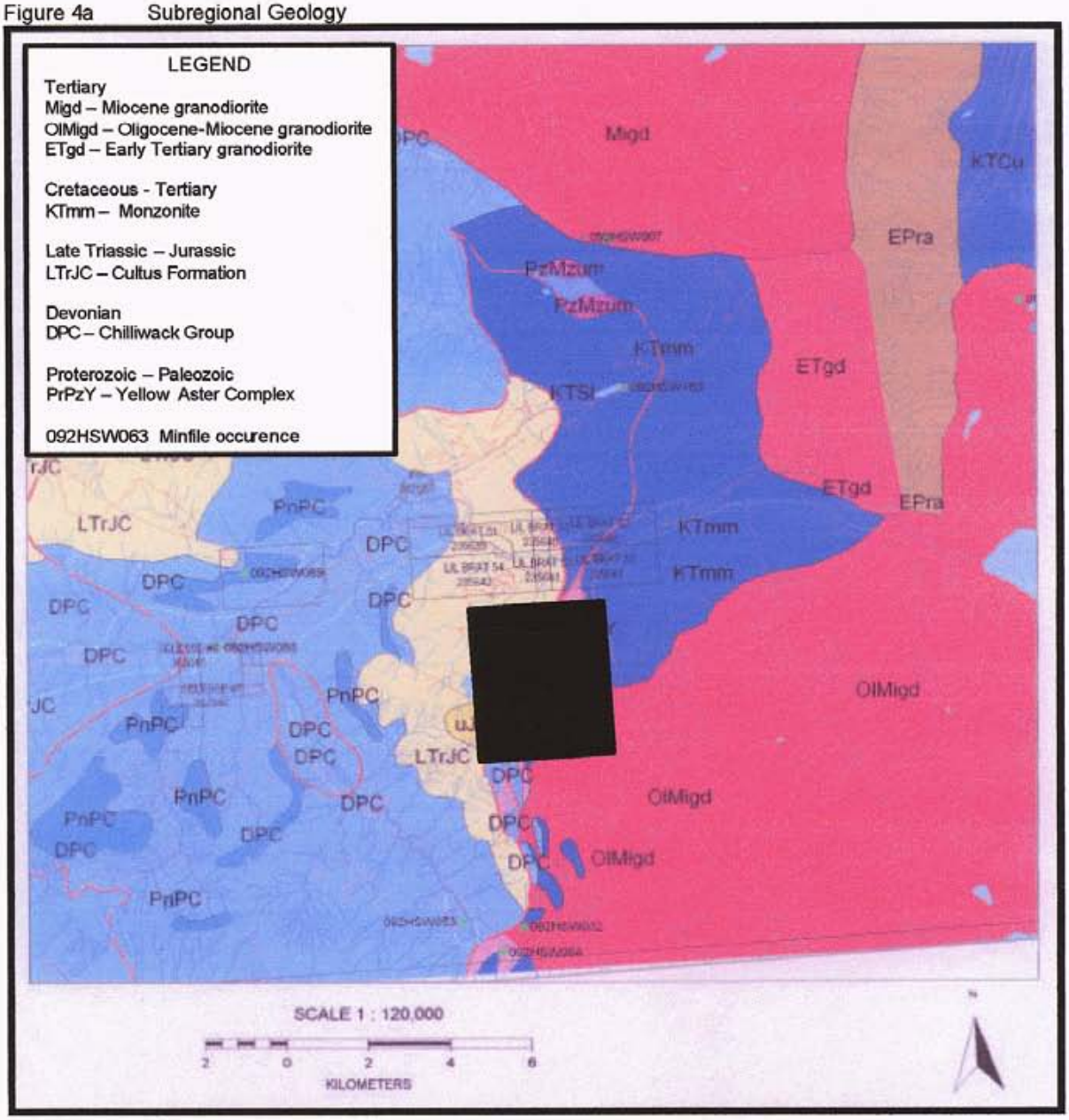
The largest pluton along the lineament, the composite Chilliwack batholith, straddles the Canada-United States border approximately 125 kilometres east-southeast of Vancouver (Fig. 10-1); it yields K/ Ar ages between 16 and 35 Ma (Richards and White, 1970; Richards and McTaggart, 1976; Vance, 1985). This batholith exceeds 950 square kilometres in area, and is spatially associated with at least 10 separate gold-bearing properties, including two former producing gold mines (Boundary Red Mountain and Lone Jack).

Further north, numerous smaller bodies of similar age and mineralogy to the Chilliwack batholith occur sporadically along the lineament for more than 100 kilometres. The two most northern areas of Mid- Tertiary, diorite-related gold mineralization occur on Harrison Lake at Doctors Point and at the RN-Geo property; both lie close to the Harrison Lake fracture, being situated 95 kilometres northeast and 100 kilometres east of Vancouver respectively (Fig. 10-1). The Doctors Point property is being explored by Rhyolite Resources Inc. and Harrison Lake Gold Mines Ltd. , while the RN-Geo property was recently optioned by Abo Oil Corporation to Kerr Addison Mines Ltd."...

Lately these deposits are once again the focus of exploration efforts for there possibly economic concentrations of gold, silver and copper.

Other intrusive related deposits are gold, copper and lead zinc skarns found south of Hope and magnesium, nickel, copper and platinum east of Harrison Lake near the historic nickel plate mine northwest of Hope.

Figure 4a Subregional Geology



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OPHIRA PROJECT – OPHIRA PROPERTY
NEW WESTMINSTER MINING DIVISION
NTS 092H/04E – 40° 04' N, 121° 37' W.
SUB-REGIONAL GEOLOGY
FIGURE 4a, DECEMBER 7, 2004

Source: Map Place; Ministry of Energy and Mines

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Tel-Fax 250-554-6887. Email, joslind@telus.net

Property Geology

The general geology of the Mint - Ophira Property as described by Christopher 1988:

> ..."is situated in the Cascade Mountains of Southwestern British Columbia. The general geology of the area has been mapped by Daly (1912) and Monger (1966) with detailed geology, structure and petrology described in a 1984 M.Sc. thesis by P.D. Jewett at Western Washington University. The property is located along the contact of the Chilliwack Batholith with highly metamorphosed rocks. Metamorphosed sedimentary rocks, volcanic rocks and gabbro of Precambrian to Tertiary ages include the Yellow Aster Complex, Chilliwack Group, Cultus Formation and Darrington Phyllite. Fault bounded slices of possible Precambrian serpentinized ultramafics intrude the metamorphic rocks. Tertiary granitic rocks of the Chilliwack Batholith were emplaced in the eastern part of the claim area.
> The area is imbricated by high angle northeast and northwest trending faults with low angle faulting in the area of Pierce Mountain and Slesse Creek. Serpentinized ultramafic bodies are localized in both high and low angle faults in the area of Pierce Mountain and Mount Macfarlane.
> Phases of the Chilliwack Batholith exposed on the Pierce Mountain Property consist of hornblende-biotite tonolite with associated granitic to dioritic dykes. Evidence of hydrothermal alteration is found near the contact of the Chilliwack Batholith (Jewett, 1984)."...

No substantive geological work has been completed since Christopher's report until the drilling program completed in 2004.

Item 10: Deposit Types (Figure 4a)

The most important exploration target on the Mint-Ophira property is "intrusion associated" gold mineralization in the form of auriferous pyrrhotite bearing quartz-carbonate-chlorite+/- quartz veins and stockworks related to the emplacement of the Chilliwack Batholith which is exposed under the southeast portions of the property. On the Ophira property the known occurrences (O92HSW063 - Mountain Goat) occur less than 1 kilometer from known intrusive exposures and the secondary indicators (soil and silt anomalies) also occupy a similar spatial arrangement with the intrusive mass.

The property also has the potential to host copper rich quartz veins and stockworks as large boulders of chalcopyrite bearing quartz rich rock have been located near the northeast corner of the property. The source of these boulders and their relationship to gold enriched mineralization found near the summit of Pierce Mountain is unknown.

As yet unrecognized as gold and copper skarns deposits similar to that of the Lucky Four (092HSE007) copper skarn occurrence 10 km north of the claims by carbonate rocks of the Chilliwack group in close proximity to the Miocene Mount Barr Batholith. The Chilliwack Group underlies most of the west part of the property in a very similar geometry with the prospective Chilliwack Batholith.

The northwest part of the claim covers a known asbestos occurrence called the Chilliwack River Occurrence – 92HSW111.

The Trooper Showing 092HSW163, 6 kilometers northeast of the property is a documented volcanic hosted massive sulphide showing within lithologies very similar to that found on the Ophira property.

Figure 4b Regional Intrusion Associated Gold Deposits - 1986

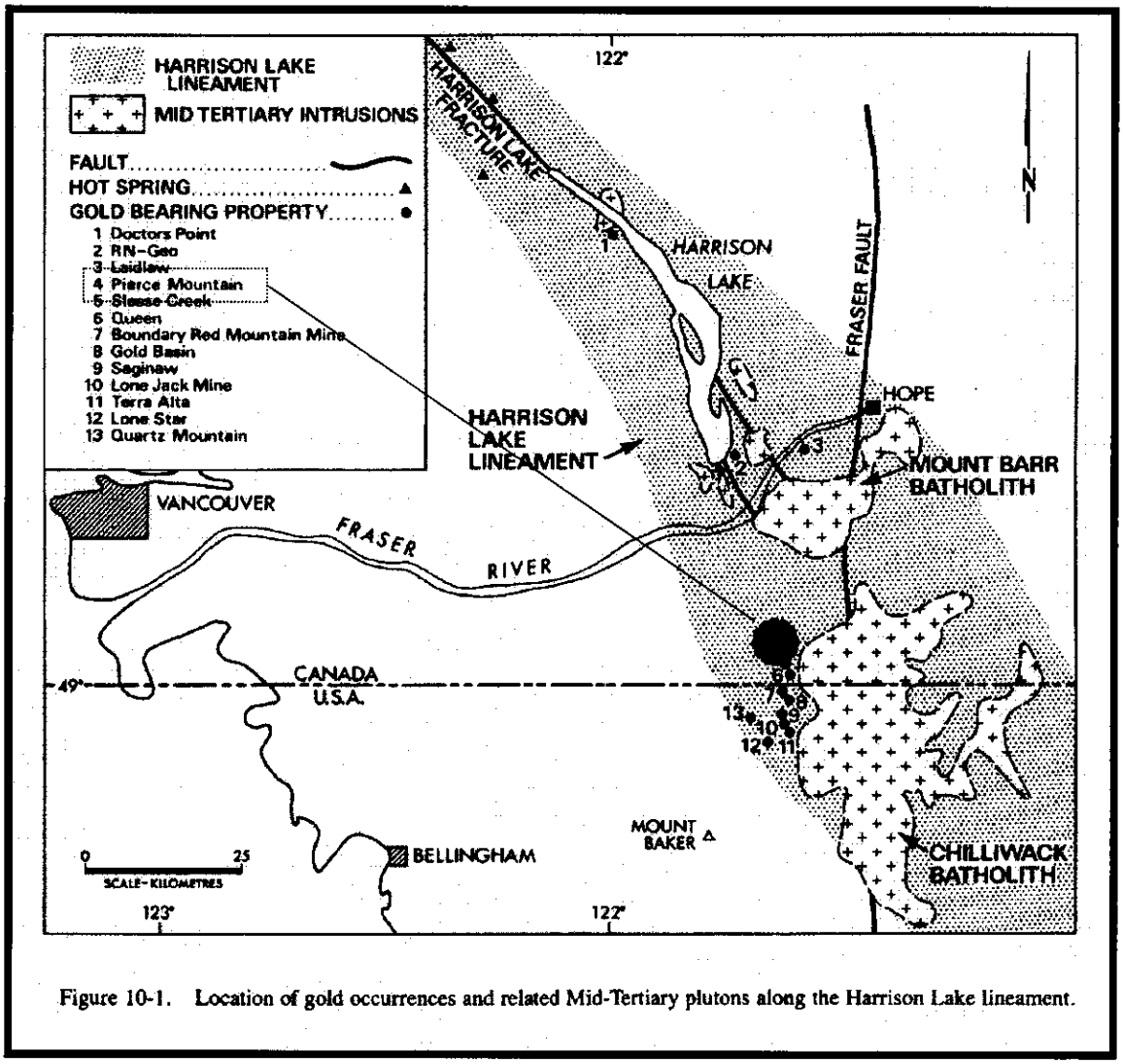

Figure 10-1. Location of gold occurrences and related Mid-Tertiary plutons along the Harrison Lake lineament.

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OPHIRA PROJECT – OPHIRA PROPERTY
NEW WESTMINSTER MINING DIVISION
NTS 092H/04E – 40° 04' N, 121° 37' W.
REGIONAL INTRUSION ASSOCIATED GOLD DEPOSITS
FIGURE 4b, DECEMBER 7, 2004

From Ray, G.E., 1986, Page 96

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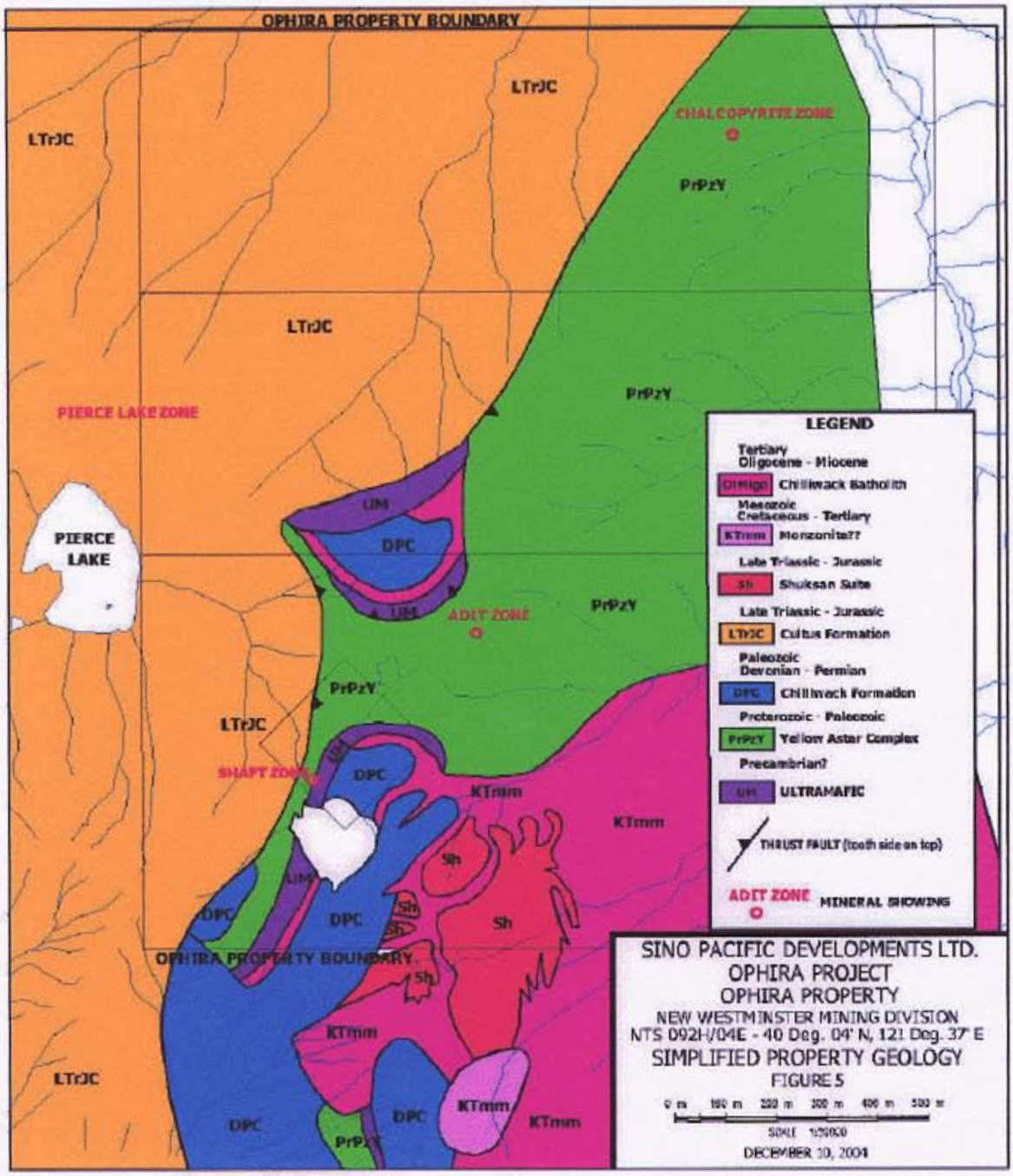
Tel-Fax 250-554-6887. Email, joslind@telus.net

Figure 5 Property Geology



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Item 11: Mineralization

The following descriptions of the "Adit Zone" or the equally appropriately named "Mountain Goat" showing are from the MINFILE database administered by the Geological Survey Branch of the Ministry of Energy and Mines.

MINFILE Number: O92HSW063
Names: MOUNTAIN GOAT

..."The Mountain Goat property is underlain by an imbricated sequence of metamorphosed Precambrian to Mesozoic rocks. These include gabbroic and dioritic rock of the Proterozoic and Paleozoic Yellow Aster Complex; sedimentary rocks of the Devonian to Permian Chilliwack Group; and Paleozoic and/or Mesozoic ultramafic rocks (unnamed). A high angle, eastward dipping fault appears to have brought these older rocks over younger metasedimentary pelitic rock of the Triassic and/or Jurassic Cultus Formation which lies to the west. Oligocene tonalite of the Chilliwack batholith intrude the package on its eastern boundary.
The serpentinites are in close association with the dark green gabbroic rocks. Argillites and pelites of the Chilliwack Group are found structurally below the gabbros. These argillites have been altered to dark green to grey hornfels and schist with abundant biotite and sericite.
Ore-bearing quartz veins are associated with the Chilliwack batholith. Mineralization on the property consists of quartz veins and stringers along the contact between serpentinites and gabbros. The veins strike northeast and dip 65 to 80 degrees northwest. Mineralized quartz veins host pyrrhotite, chalcopyrite and minor arsenopyrite.
In 1931, two small veins were reported to have analysed 116.1 grams per tonne gold (Minister of Mines Annual Report 1933, page 258). Several old adits and trenches occur on the property.
In 1987, four rock chip samples were taken from a quartz vein, ranging between 8 to 20 centimetres in width, which was exposed in an old adit at 1724 metres elevation. A sample taken over 17 centimetres yielded 23.2 grams per tonne gold; another sample analysed 18.4 grams per tonne gold over 20 centimetres (Assessment Report 16183)."...

In June 2004, the writer sampled a strongly mineralized quartz-pyrrhotite vein from the immediate hangingwall side of the 1.5 meter wide "Adit Zone" shear. The quartz vein sample returned 125.5 grammes per tonne (g/t) gold, 8.5 g/t silver and 0.2% copper. The a 4 cm thick sample siliceous gouge approximately 1 meter in the footwall of the zone returned 0.33 g/t gold and 0.05% copper. The "adit zone is at about 1610 meters elevation some 400 meters south of the summit of Pierce Mountain.

Item 12: Exploration

Recent exploration efforts have been focused on extending through various exploration techniques, evidence of the known high grade gold vein mineralization defined by the "Adit Zone". Systematic exploration has been almost exclusively on the relatively accessible alpine area surrounding Pierce Mountain. Two programs in 1986 and 1987 were completed. The following summarized exploration results are from Christopher, 1987 and George, 1987, and where pertinent, the 2004 work in italics.

Prospecting

Prospecting activity has been limited to the relatively accessible portions of the property which covers about 15 percent of the current area covered by the claims. The only new mineralization discovered recently were chalcopyrite bearing boulders hear the northeast corner of the claims now described as the "Chalcopyrite Showing" (Figure 2, 6, 10a)

Stream Sediment Geochemistry

The results of relatively systematic stream sediment geochemistry in 1986 and 1987 outlined at least one strong anomalous area in a steep creek draining the area immediately under the summit of Pierce mountain. Several results of silt samples returned over 100 ppb gold over a 1 km stream length (Figure 6). Elsewhere the drainage draining the area of the Adit zone returned anomalous arsenic and gold at lower elevations. Pierce Creek above Pierce Lake returned highly anomalous arsenic (Figure 7). *A small moss matt sampling program in the lower portions of the same drainage hosting the previously described highly anomalous gold was completed in September 2004.*

Exploration Grid

A small exploration grid covering the area around and in between the "Adit" and Shaft" zones with a smaller grid over a area east of Pierce Lake ("west grid") was completed in the summer of 1987. This grid formed the control for later soil, VLF and magnetic surveys. The grid covers less than 10% of the current property and is largely confined to the more subdued alpine areas of the claims (Figure 7).

Soil Geochemistry

A soil sampling program completed in 1987 over the grid established earlier that season outlined several small clustered and isolated gold, gold-arsenic, gold-arsenic-copper, arsenic, and copper+/-arsenic anomalies. The anomalous gold (>30 ppb gold) and arsenic (>20 ppm arsenic) are detailed in Figures 6 and 7. Copper anomalies were not outlined due to a general lack of coincidence with arsenic and gold. The soil anomalies on the Mint - Ophira Property do not coincide with known bedrock mineralization, including the "Adit Zone" which hosts the only multi10 grammes gold mineralization known on the property. To date the most significant soil anomaly occurs on the northeast side of Pierce Lake, with smaller anomalies occurring as isolated single station highs on the grid.
The data is believed to be reliable. Samples were collected by experienced geoscientists and technicians in a manner conforming to industry standards.

Rock Geochemistry

Rock sampling of several areas of the property resulted in only 2 areas having significant metallic mineralization. The first is the "Adit Zone' which has been repeatedly sampled with results of 100+ g/t gold being obtained over narrow (less than<20 cm) widths. The second area is near the northeast corner of the property where large chalcopyrite bearing quartz vein boulders returned up to 1.56% copper with weakly anomalous gold (Figure 6). *In June 2004 the "Adit Zone" was sampled to obtain confirmation samples. 2 altered and mineralized rocks were taken coincident with the Moss matt sampling program in September 2004.*

Ground Magnetic Survey

According to Christopher the results of a ground magnetic survey suggests that underlying lithology has a much greater influence on magnetics than any mineralized structures.

VLF Survey

A VLF survey completed co-incident with the ground magnetic survey produced several moderate to weak conductors several of which coincide with anomalous gold and the mineralized structures of the "Shaft and "Adit" zones.

Item 13: Diamond Drilling

The diamond drilling program completed in October 2004 is the first known drill testing of mineralized targets on the Ophira Property. Five diamond drill holes were completed to test at depth the "Shaft Zone", at an elevation of 1800 meters on the northwest side of "upper Pierce Lake" which is considered a secondary target when compared to the "Adit Zone" between October 25 and October 31, 2004., using a helicopter transportable hydraulic drill with BQTK (BQ thinwall) wireline tools supplied by Falcon Drilling Ltd. of Prince George British Columbia. A total of 310.55 meters of diamond drilling was completed. The drill holes tested the down-dip extent of known mineralization at the "Shaft Zone." Joseph E.L. Lindinger, P. Geo., was responsible for logging and sampling the drill core. Hole descriptions are summarized below with more detailed information from the drill logs appended to this report. The 2004 drilling program of the primary target, the "Adit Zone" described above was temporarily abandoned due to safety concerns as a result of a rock fall that damaged the primary drill pad. Numerous smaller rock falls caused by diurnal freeze-thaw cycles also were occurring at the site during the attempted drill mobilization to that site.

Table 2 summarizes drill data. Drill hole locations are shown on Figure 8. Drill logs are included in Appendix 6. Sample locations, gold and arsenic results are plotted on the cross sections (Figures 9a1-3, and 9b1-3). Simplified geology is depicted in Figure 8, 9a and 9b. A legend of summary descriptions of the lithologies encountered is provided in Table 4 . The core is stored on the property at Cache 21, a secure storage locker facility in Sardis. Core recovery averaged 95%.

Table 3
Diamond Drill Hole Data

Hole Number	Elevation	Azimuth	Dip	Total Length-m	Started	Completed	Sample Numbers
DDH-OP-04-01	1800 m	300	-45°	45.7	26/10/04	26/10/04	E26827-E27841
DDH-OP-04-02	1800 m	300	-60°	61.0	26/10/04	27/10/04	E26842-50, 131651-661
DDH-OP-04-03	1800 m	300	-72°	85.3	27/10/04	28/10/04	6 sludge samples
DDH-OP-04-04	1800 m	275	-45°	35.95	29/10/04	29/10/04	131662 - 131676
DDH-OP-04-05	1800 m	275	-70°	82.6	30/01/01	31/10/04	131678 – 700, E 26851 - 67
TOTALS				310.55			91 core samples 6 sludge samples

DDH-OP-04-01 was collared 21 meters due east of the abandoned shaft of the Shaft Zone, drilled at a bearing of 300 degrees, a dip of -45 degrees and a depth of 45.3 meters to test the down-dip extent of the Shaft Zone shear for gold mineralization (Figure 8).

The hole was collared in ultramafic rocks that were weakly to strongly carbonate altered and locally intensely sheared. At a depths from 21.8 to 27.3 meters the Shaft zone shear was intersected. The shear hosted strongly carbonate altered rocks. Deeper in the hole the dominant lithology was a massive mafic to intermediate volcanic flow with local tuffaceous intervals. The best gold mineralization intersected was below the shear where 0.274 g/t Au was intersected from 36.3 to 37.2 meters. 2% pyrrhotite with strong traces of chalcopyrite occurring as "late weak 2-5 mm thick tension quartz-calcite stockwork ' with about 10% vein pyrrhotite and trace chalcopyrite. Veining runs 0-30^{O} to core axis. Total sulphide content is about 2% of rock. Immediately uphole of the shear, 75 ppb gold over a drill length of 1 meter was intersected. The shear itself had weakly anomalous gold values (34 ppb Au) in the upper portion of the interval with decreasing values downhole within the shear. Arsenic values were highest towards the top of the hole. Estimated true thickness of lithological and assay intervals is 70% of the drilled interval.

DDH-OP-04-02 was collared from the same site as Hole OP-01-01 at, a bearing of 300 degrees, a dip of -60 degrees and a depth of 61 meters to test for gold mineralization under hole OP-04-01.

The hole was collared in ultramafic rocks that were weakly to strongly carbonate altered and locally intensely sheared. At a depths from 32.2 to 45.5 meters the Shaft zone shear was intersected. The shear hosted strongly carbonate altered rocks. Deeper in the hole the dominant lithology was a massive mafic to intermediate volcanic flow with local tuffaceous intervals. The best gold mineralization intersected was immediately uphole of the shear where 99 ppb gold over a drill length of 1.3 meters was intersected within a wider zone of weakly anomalous gold. The shear itself had local zones of weakly anomalous gold values, 51 ppb Au from 32.2 m to 33.1 meters in the upper portion of the interval and 58 ppb gold from 36.6 to 38.1 meters with generally decreasing values downhole within and below the shear. Arsenic values were highest towards the top of the hole coinciding with weakly anomalous gold. Estimated true thicknesses are 50% of the drilled interval.

DDH-OP-04-03 was collared from the same site as Hole OP-01-01 at, a bearing of 300 degrees, a dip of -72 and a depth of 85.3 meters to test for gold mineralization under hole OP-04-02.

The hole was collared in ultramafic rocks that were weakly to strongly carbonate altered and locally intensely sheared with accompanying carbonate flood and stockwork alteration. At a depths from 70.1 to 74.5 meters the Shaft zone was intersected. The shear hosted strongly carbonate altered rocks. Deeper in the hole the dominant lithology was a massive mafic to intermediate volcanic flow with local tuffaceous intervals. No core samples were taken of this hole due to the weak tenure of alteration seen. However sludge samples from 36.58 to 50.90 meters were taken. The best gold mineralization sampled was uphole of the shear where 65 ppb gold over a drill length of 3.1 meters was intersected. Gold Values were generally increasing down hole to this interval which was the deepest sample taken. Arsenic values coincided with weakly anomalous gold. Estimated true thickness of lithologies is 40% of the drilled interval.

DDH-OP-04-04 was collared 22 meters at a bearing of 190 degrees (south) from the shaft at a bearing of 280 degrees, a dip of -45 degrees and a depth of 35.95 meters to test for gold mineralization associated with the Shaft shear southeast of the Shaft and directly below quartz-carbonate vein and stockwork exposed in the trench 15 to 25 meters southeast of the shaft. It is from this trench that past samples of weathered quartz veining returned weakly anomalous gold values (Christopher, 1987).

The hole was collared in dark grey basalt or andesite from 1.6 to 7.3 meters then into ultramafic rocks that were weakly to strongly carbonate altered and locally intensely sheared with accompanying carbonate flood and stockwork alteration to 18.45 meters. The Shaft Shear zone was intersected which appears to split into at least two splays at surface with sheared intensely carbonate quartz flooded and hydro-brecciated ultramafic and basaltic rock from 18.45 to 19.1, 20.5 to 21.5, 23.4 to 24.6 and 25 to 25.6 meters.74.5 meters. Deeper in the hole the dominant lithology was a massive mafic to intermediate volcanic flow with local tuffaceous intervals that was weakly silicified with weak put pervasive chlorite-carbonate+/-quartz+/-+/-pyrrhotite stockwork veining. The best gold values were 92 and 73 ppb gold from 21.5 to 23.4 and 23.4 to 24.6 meters respectively above and within the third hydrobreccia interval. Gold values are generally decreasing down hole. Arsenic values coincided directly with weakly anomalous gold in this hole. The intensity of hydrothermal alteration and chlorite-carbonate alteration was greater in this hole than in the previous three. Estimated true thickness of drilled lithologies and assay intervals is 70% of the drilled interval.

DDH-OP-04-05 was collared at the same location as hole OP-04-04 at a bearing of 280 degrees, a dip of -70 and a depth of 82.6 meters.

The hole was collared in dark grey basalt or andesite from 0.8 to 8.4 meters then into structurally and stratigraphically? repeated ultramafic and basalt-andesite rocks that were weakly to strongly carbonate altered and locally intensely sheared with accompanying carbonate flood and stockwork alteration to 63.1 meters. The Shaft Shear zone was intersected from 63.1 to 65.8 meters as a zone of multiepisodic quartz breccia veining grading at 65.2 meters into a zone of intensely clay altered hydrothermal breccia. A grey andesitic volcanic was intersected from 65.8 to 67.6 meters then into interlaminated subaqueous sandstone, greywacke and siltstone to the end of the hole at 82.6 meters.

The best gold values are; From 41.2 to 42.7 meters 0.477 g/t gold,
From 42.7 to 44.3 meters 1.460 g/t gold
From 44.3 to 45.8 meters 0.250 g/t gold
From 57.7 to 59.2 meters 0.434 g/t gold
From 60.2 to 61.7 meters 0.137 g/t gold

These results coincided with late stage brittle weakly mineralized quartz stockwork veining in a zone northeast of the Shaft Shear, but below a significant shear zone intersected from 20.2 to 33 meters. The best arsenic values occur uphole from gold mineralization in a pattern similar to holes OP-01-01 and 02. Estimated true thickness of the lithological and assayed intervals is 30% of the drilled interval.

Table 4 Exploration Expenditures

2004 OPHIRA PROJECT EXPENDITURES	
Cost item	**Charge**
Physical Work. Drill Pad Construction. October, 2004	
Minconsult Exploration Services Ltd.*	$ 22,157.84
Valley Helicopter Limited	$ 32,814.90
Renaissance Geoscience Services Consulting*	$ 930.90
GSMY Developments Ltd. Consulting.*	$ 425.95
Total Drill Pad Building	**$ 56,329.59**
Geochemistry- Moss Mat and Rock Sampling	
Jun-04	
Valley Helicopter Limited	$ 1,019.00
Renaissance Geoscience Services. Consulting.*	$ 963.00
GSMY Developments Ltd. Consulting.*	$ 1,000.00
ALS Chemex (analyses)	$ 69.55
Sep-04	
Valley Helicopter Limited	$ 713.30
Renaissance Geoscience Services. Consulting.*	$ 1,987.50
Ecotech Laboratories Ltd. (analyses)	$ 140.64
Total Geochemistry	**$ 5,752.35**
Diamond Drilling - October, 2004	
Valley Helicopter Limited	$ 25,116.30
Falcon Drilling Limited.*	$ 45,300.39
Renaissance Geoscience Services. Consulting.*	$ 11,441.40
ALS Chemex	$ 2,907.43
Equipment rentals	$ 1,308.13
Total Diamond Drilling	**$ 86,073.65**
Techical Report	$ 4,000.00
Total Qualifying 2004 Ophira Project Expenditures	**$152,155.59**
* includes applicable transportation, food and accomodation charges.	

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				Amount	
1805 Ophira - Assays					
6/23/2004	ALS Chemex	VA04035832	J38	101.40	Assays
6/25/2004	ALS Chemex	VA04036666	J39	136.84	Assays
10/26/2004	ALS Chemex	FRT040362	J211	15.40	Assays
11/4/2004	ALS Chemex	1150061	J216	16.25	Assays
11/1/2004	ALS Chemex	1149483	J236	181.00	Assays
11/2/2004	ALS Chemex	1149490	J237	168.70	Assays
11/11/2004	ALS Chemex	1149797	J238	2,357.39	Assays
				2,976.98	
1820 Ophira - Site Visit					
6/8/2004	Site Visit, Valley Helicopters	1055	J16	1,019.00	site visits - non geological personnel
5/30/2004	reverse KS8	JE	J118	1,000.00	site visits - non geological personnel
9/12/2004	Valley Helicopters	9910	J129	713.30	site visits - non geological personnel
9/27/2004	Site Visit, GSMY Developments Ltd.	1098	J131	425.95	site visits - non geological personnel
9/24/2004	Valley Helicopters	9918	J139	1,222.80	site visits - non geological personnel
				4,381.05	
1855 Ophira - Drilling					
10/5/2004	10/05/04, Falcon Drilling	1101	J136	20,000.00	Drill Program - deposit
10/22/2004	0182, Norac Manufacturing	1114	J158	451.50	core boxes
10/26/2004	Falcon Drilling	3545	J196	24,848.89	Drill Program - balance
				45,300.39	
1860 Ophira - Geological Consulting					
6/8/2004	Renaissance Geological Services	GeoConsulting	J40	1,000.00	Work Program - Leo Lindinger
9/10/2004	Renaissance Geological Services	On Acct	J98	2,000.00	Work Program - Leo Lindinger
9/30/2004	Renaissance Geological Services	273	J151	1,607.94	Work Program - Leo Lindinger
10/21/2004	10/21/04, Renaissance Geological Serv	1112	J156	5,000.00	Work Program - Leo Lindinger
10/31/2004	Renaissance Geological Services	942	J251	4,862.50	Work Program - Leo Lindinger
12/15/2004	279, Renaissance Geological Services	1163	J308	4,000.00	43-101 Reposr
				18,470.44	

1865 Ophira - Pad Construction					
10/6/2004	10/06/04, Minconsult Exploration Servic	1102	J206	10,000.00	Pad Construction - deposit
10/16/2004	Minconsult Exploration Services Ltd	04101810-200	J241	12,157.84	Pad Construction - balance
				22,157.84	
1870 Ophira - Helicopter Support					
10/5/2004	Valley Helicopters	10261	J160	1,324.70	Gerry & Paul (Pad Builder)
10/7/2004	Valley Helicopters	10319	J162	713.30	Paul & Dave 2 pax truck
10/7/2004	Valley Helicopters	10318	J164	6,101.70	Paul & Dave 12 swing loads timber
10/9/2004	Valley Helicopters	10320	J175	1,426.60	Paul & Gary d/o 2 Pax p/u 2 pax
10/10/2004	Valley Helicopters	10321	J176	1,426.60	Paul & Gary d/o 2 Pax p/u 2 pax
10/11/2004	Valley Helicopters	10322	J177	1,426.60	Paul & Gary d/o 2 Pax p/u 2 pax
10/12/2004	Valley Helicopters	10323	J178	1,426.60	Paul & Gary d/o 2 Pax p/u 2 pax
10/13/2004	Valley Helicopters	10324	J179	1,426.60	Paul & Gary d/o 2 Pax p/u 2 pax
10/14/2004	Valley Helicopters	10325	J180	1,936.10	Paul & Gary d/o 2 Pax p/u 2 pax
10/15/2004	Valley Helicopters	10326	J181	2,038.00	Paul & Dave 6 loads uphill
10/16/2004	Valley Helicopters	10327	J182	6,385.50	Paul/Dave/2 drillers - d/o crew, sling drill, p/u crew
10/17/2004	Valley Helicopters	10328	J183	5,959.80	Paul/Dave/2 drillers - relocate timbers, drill move, equip p/u
10/18/2004	Valley Helicopters	10329	J184	5,392.20	Paul/Dave/Ryan - sling drill/equip, crew, sling core/equip
10/19/2004	Valley Helicopters	10330	J185	3,831.30	Leo/Drillers - sling core, crew change, Leo, sling core
10/20/2004	Valley Helicopters	10331	J186	4,115.10	Leo/Drillers - core, recce, move drill, crew change
10/21/2004	Valley Helicopters	10332	J187	3,263.70	Drillers - sling 3 loads + crew moves
10/22/2004	Valley Helicopters	10333	J188	4,398.90	Drillers - crew change & demob
10/23/2004	Valley Helicopters	10334	J189	3,689.40	Drillers - demob drill & equip
10/27/2004	Valley Helicopters	10338	J213	425.70	Leo Lindegrin recce photos
				56,708.40	
1875 Ophira - Travel & Accomodation					
10/31/2004	Renaissance Geological Services	942	J251	880.40	
				880.40	
GRAND TOTAL				150,875.50	

Generated On: 2/8/2006

Item 14: Sampling Method and Approach

Moss Matt Samples

In September 2004, 4 moss mat samples were taken by J. Lindinger, P.Geo. from the same area in the same drainage that hosted highly anomalous gold values from silt samples in the 1987 program (Christopher, 1987). Moss mat samples were collected from suitably located moss covered boulders at spring or major flood freshet level in the drainages sampled. The purpose was to test for gold using a different sampling technique than that used (silt) to obtain the initial highly anomalous gold results from the 1987 survey. Samples OM-04-01 and 02 were from drainages east of the target drainage at an estimated 100 meters north of the north boundary of the Ophira property (Figure 6). Moss mat samples OM-04-03 to 06 were from the target drainage and covered about 250 meters of the creek with samples spacing varying from 25 to 60 meters apart. Quality of moss mat sample was the priority. Approximately 500 grammes of damp moss mat were stuffed into porous sediment sample bags labeled with the appropriate sample number with the sample location noted in a field book. The samples were organized, and strung out to dry. Once dried, they were packaged and delivered to Ecotech Laboratories in Kamloops, B.C. for analysis.

Rock Samples

In June 2004, 2 rock samples were collected by J. Lindinger, P.Geo from mineralized quartz vein material from the "Adit Zone". Sample PM001 was a 8 mm sample of strongly pyrrhotite mineralized quartz vein located in the immediate hangingwall of the northeast striking steely northwest dipping "Adit Zone" shear. Sample PM002 was a 3cm wide sample of less well mineralized quartz breccia vein material taken 35 cm into the footwall of the vein from which PM001was sampled. Portions of the samples were separately bagged J. Lindinger, P.Geo. and sent to ALS-Chemex Laboratories in Vancouver via Greyhound Courier for analysis. The samples were in J. Lindinger, P.Geo's possession at all times between sampling and delivery to the Greyhound Courier. The remainder of the samples were retained for hand specimens and photographed and described in moderate detail (Appendix 3).
In September 2004 2 rock samples were taken from the drainage containing the highly anomalous gold samples each was of highly altered hydro brecciated metasedimentary rock containing quartz vein fragments. These samples were delivered directly by J. Lindinger, P.Geo. to Ecotech Laboratories in Kamloops, B.C. for analysis.

Drill Core Samples

Joseph Lindinger, P.Geo received the drill core directly from the helicopter at the staging area north of the Ophira property and delivered them directly into a locked storage locker in Sardis for logging and sampling. At no time were the core or samples unattended when the locker was not locked. After conversion to metric units the core was imaged with a digital camera. The core was then logged directly into Excel using a notebook computer. Backup copies were made of the logs and digital images after each logging session. After logging a section of drill core, sample intervals were selected in and around identified mineralized or possibly economically interesting sections. This selected drill core then was split using a conventional manual core splitter by J. Lindinger, P.Geo. The samples were placed in uniquely numbered and tagged plastic bags. The corresponding sample interval of core remaining in the box was also tagged. Core recovery was close to 95% throughout, so most samples are representative for the intervals indicated. Sample intervals range from 0.25 – 3.0 metres, averaging around 2 metres in length. Where recovery was poor, a representative as possible samples were taken. Where applicable samples were restricted by rock type and degree of mineralization. Core samples were delivered directly to ALS-Chemex Laboratories in Vancouver for analyses by J. Lindinger, P.Geo. Sample numbers and intervals are included in the drill logs (Appendix 6) and complete analytical results are listed in Appendix 5.

Sludge Samples

The 5 sludge samples taken from hole OP-04-03 were removed directly from the drill site by the writer. They were then dried in the secure storage locker and delivered concurrently with the drill core samples to ALS Chemex laboratories. Each sample has the drill hole number and the from and to footage written on them. Due to circulation return problems no other sludge samples were obtained from the remainder of the program.

Item 15: Sample Preparation, Analyses and Security

The 2 rock samples from the "Adit Vein", 5 sludge samples and 90 core samples, were sent to ALS-Chemex Laboratories Ltd. in Vancouver, B.C. and analyzed for 34 elements using their ME-ICP41 package. Elements included Ag, Al, As, B, Ba, Be, Bi, Cd, Ca, Cd, Co, Cr, Cu, Fe, Ga, Hg, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, P, S, Sb, Sc, Sr, Ti, Tl, U, V, W, and Zn. Samples were prepared using a conventional digestion' with aqua regia acid and an induced coupled plasma-atomic emission spectroscopy (ICP-AES) finish. This digestion technique may only partially leach Al, B, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sc, Sr Ti, Tl, and W.
The 2 rock samples were separately fire assayed for gold using a 50 gram subsample using a conventional gravimetric finish. The sludge and core samples, if sufficient sample was available were analyzed for gold using a 30 gram subsample with a fire assay with atomic absorption (FA-AA) finish. If 30 grams of sample were not available, the entire sample remaining from subsample taken from the multielement analyses was used for analyses. For subsamples less than 5 grams gold analyses were not made.
One core sample, 131681 was analyzed using a 27 element "four acid" "total digestion analytical procedure with hot aqua regia plus hydrofluoric acid and an ICP finish. This process is used to enable more accurate analyses for elements such as barium (Ba), chromium (Cr) and tungsten (W).

The 6 moss mat and 2 rock samples sent to Eco-Tech Laboratories Ltd, in Kamloops, B.C. for analysis were analyzed for 28-elements using a standard multi-element ICP procedure. Gold was analyzed using a 30 gram sub-sample fire assay with atomic absorption (FA-AA) finish.

The following list of procedures was supplied by Eco-Tech Laboratories Ltd..

Sample Preparation

Samples are catalogued and dried. Soil and stream sediment samples (including silt and moss mat samples) are prepared by sieving through an 80 mesh screen to obtain a minus 80 mesh fraction. Samples unable to produce adequate minus 80 mesh material are screened at a coarser fraction. These samples are flagged with the relevant mesh. Rock samples are 2 stage crushed to minus 10 mesh and a 250 gram subsample is pulverized on a ring mill pulverizer to -140 mesh. The subsample is rolled, homogenized and bagged in a prenumbered bag.

Multi-Element ICP Analysis

A 0.5 gram sample is digested with 3ml of a 3:1:2 (HCl:HN03:H20), which contains beryllium, which acts as an internal standard for 90 minutes in a water bath at 95°C. The sample is then diluted to 10ml with water. The sample is analyzed on a Jarrell Ash ICP unit.

Results are collated by computer and are printed along with accompanying quality control data (repeats and standards). Results are printed on a laser printer and are faxed and/or mailed to the client.

Result data is entered along with standards and repeat values and are faxed and/or mailed to the client.

At all times during sampling, storage and transportion of every sample in the 2004 program was the core, or samples not in either direct possession of an independent person as defined by NI-43101 or locked into a secure storage facility or vehicle directly under the control of an independent person who at most time away from the drill site was J. Lindinger, P.Geo. In the authors' opinion, sampling procedures,

security, sample preparation, and analytical procedures were adequate for the present stage of exploration of the property.

Item 16: Data Verification

All samples were collected under the direct supervision of independent professional geoscientist (J.E.L. Lindinger, P.Geo.) or trained field technicians, and transported directly to certified analytical laboratories or shipped via secure greyhound courier. 2 rock samples from the June 2004 program were sent to ALS-Chemex Laboratories Ltd. in Vancouver via greyhound courier from Kamloops, B.C.. ALS-Chemex has achieved ISO 9002 certification. 6 Moss mat and 2 rock samples from the September 2004 programs were sent to Eco-Tech Laboratories Ltd, in Kamloops. No blank or standard samples were submitted with these samples. However, the analytical procedures and pulp and reject duplicate analyses were conducted to industry standards. Certificates of Analysis are appended in this report (Appendix 2).

Drill core samples were delivered directly by J. Lindinger, P.Geo to ALS-Chemex Laboratories Ltd. in Vancouver. Again, no blanks, standards, or duplicates were submitted with this program. The internal quality control and data verification program at ALS-Chemex consists of regular analysis of appropriate standards and repeat analyses of previously analyzed pulps and resplit samples. Certificates of Analysis and Certificates of Assay are appended in this report (Appendix 5). Given the early stage of exploration on the property and the low tenure of gold mineralization at this target, this degree of quality control is appropriate.

Item 17: Adjacent Properties

No mineral claims are located immediately adjacent to the Ophira Property. The LIL-BRAT mineral claims lie a short distance north of the current claims boundary (Figure 2). They are not currently under any option by Sino Pacific Developments Ltd.

Item 18: Mineral Processing and Metallurgical Testing

No metallurgical testing or processing of any material from the Mint - Ophira Property has been undertaken.

Item 19: Mineral Resource and Mineral Reserve Estimates

No estimates of a mineral inventory, either resource or reserve, has been undertaken on any mineralization on the Mint - Ophira Property.

Item 20: Other Relevant Data and Information

The information in this report is believed to be complete.

Item 21: Interpretation and Conclusions

Moss Mat Sampling (Figure 6)

2 moss mat samples taken from drainages east of the creek hosting the highly anomalous gold results for the 1987 program did not return significantly anomalous gold results. The four moss matt samples taken of the same creek hosting the highly anomalous gold results fro silt sampling in 1987 returned very similar highly anomalous results. All four samples could be considered anomalous and three highly anomalous. Results returned from the lowest sample to the highest (upstream) sample were 710, 150, 20 and 300

ppb gold respectively, they also had elevated trace levels of arsenic, molybdenum and antimony. The first moss mat sample 300 meters to the east returned 621 ppm zinc and 91 ppm nickel.

Rock Sampling

The two rock samples collected from the "Adit Zone" in June 2004 returned 125.5 grammes per tonne (g/t) gold, 8.5 g/t silver and 0.2% copper over a width of 8 cm. The a 3 cm thick sample siliceous gouge 35 cm in the footwall of the zone returned 0.33 g/t gold and 0.05% copper.

The two rock samples collected concurrently with the moss mat samples did not return significant gold. One sample, OR-02 did return 259 ppm zinc, which can be considered weakly anomalous.

Diamond Drilling and Geology

Five diamond drill holes, totaling 310.55 meters, were completed to test along strike, and at shallow depth the "Shaft Zone" gold target. A total of 91 samples of core were split and sent for gold and multielement analysis. Also, 5 sludge samples from Hole OP-04-03 were sent for gold and multielement analysis. One sludge sample was analyzed for platinum and palladium.
Only holes OP-04-01 and 05 returned gold values that exceeded 100 ppb (1 sample in hole 1, and 5 in hole 5) could be considered moderately anomalous and only one sample in hole 5 returned greater than one gram per to gold (42.7 to 44.3 meters 1.460 g/t gold) within a zone of lower grade but still highly anomalous gold in mafic volcanic rock containing white, weakly mineralized quartz stockwork veining. Elsewhere anomalous gold mineralization is associated with late brittle fracture associate chlorite-carbonate+/-quartz stockwork zones containing pyrrhotite, possibly marcasite, lesser pyrite and rare to common trace chalcopyrite. The best values do not coincide with the Shaft Shear zone directly, but occur both to the northeast and southwest of the shear. The most promising lithology for hosting mineralization is a brittle fracturing mafic to intermediate volcanic rock that occurs on both sides of the shear and that does not appear to have been previously described in the literature. This lithology often appears weakly silicified, and is amenable to hosting chlorite-carbonate-quartz-pyrrhotite+/-pyrite+/-chalcopyrite stockwork veining. This mineralization style can host weakly to moderately anomalous gold values. This veining appears to be overprinted by later, white quartz that appears to host the most strongly anomalous gold seen in core. The late stage shears represented by the Shaft shear zone may be later than best gold mineralization at that location. However it should be noted that this test was of a very small portion got the Shear and of the property. Ultramafic rock distinctly anomalous in chromium and nickel appears to occur only northeast of the shear. They, when strongly altered are often also anomalous in arsenic especially in section uphole of better gold values. At depth in Hole OP-04-05 a section of metasediments was intersected. The drilling also confirmed that the shear is steeply northwest dipping, and is a tabular usually composite structure with horses of mafic and ultramafic rock within the larger shear and is probably anastomozing in 3d form. It is possible at the shaft zone, concurrent with the best gold values being obtained in deeper drill holes with the best arsenic values usually up dip of these intersections that the area tested is near the top of a gold bearing system that may contain much better gold values (125 g/t Au) such as those returned in the stratigraphically lower (~180 meters) "Adit Zone". The one sludge sample analyzed for platinum and palladium did not return any significant results.

Very significant are the highly anomalous gold in moss mat results taken from a previously sampled creek draining part of the north slopes of Pierce Mountain. This sampling confirms the presence of over 1 kilometer of drainage that gives repeatable highly anomalous gold and arsenic (at higher elevations).

This zonation is somewhat reflected in the stream sediment sampling taken to date, where (especially on the more thoroughly sampled north slope of Pierce Mountain) anomalous arsenic values stratigraphically overly anomalous gold results taken from samples lower down the same drainages.

In conclusion, the Mint - Ophira property, based on past and recent exploration results the property has the potential to host potentially economic gold mineralization. This conclusion is based on the following geological evidence. Anomalous gold values are spatially associated with but underlie anomalous

arsenic at the following locations; the "Shaft Zone" drilling at 1750 to1800 meters elevation, stream sediment samples on the north and east slopes of Pierce Mountain upstream of anomalous to locally highly anomalous gold values lower down below about 1300 meters, high grade gold with little arsenic but higher copper values at the ~190 meter stratigraphically lower "Adit Zone" at ~1610 meters elevation (in relation to the "Shaft Zone"). This signature, based on current exploration models infers a relatively shallow level style of gold mineralization with the highest explored areas at 1800 meters at the Shaft zone that overlies a potentially more prospective gold bearing "horizon", partially defined at the "Adit zone" at 1610 meters, the Pierce Lake zone at 1400-1500 meters and the north slope stream sediment gold anomalies at 600 to 1300 meters elevation.

Item 22: Recommendations

Based on the economic merits of the Mint - Ophira Property discussed in this report, the authors recommend the following staged exploration program (see Table 3, following page, and Figures 10a and 10b).

The strength (> 100 ppb over ~10 samples) and persistence (1.5 kilometers of stream length) of the gold results obtained from the unnamed drainage originating from the upper north slopes of Pierce Mountain strongly suggests at least one possibly important bedrock gold source between 1400 and 700 meters elevation in that and possibly adjacent drainages. The area is vertically challenging, thickly vegetation covered and very poorly explored. Proposed, in this area, is an initial $50,000.00 partially helicopter supported detailed, combined stream sediment (moss mat, silt sampling), contour soil sampling at 50 to 100 meters elevation spacing, bedrock and float prospecting of the prospective drainages and surrounding bedrock exposures for evidence of bedrock gold mineralization. Contingent on exploration success of these programs in developing valid targets, more detailed soil, stream sediment, bedrock sampling and geological mapping programs would be completed prior to trenching and drill testing.
At the Adit zone, the partially completed drill pads should be completed using timber from the pads left at the "Shaft Zone". Recommended is an initial $75,000.00 helicopter supported diamond drill program with at least one hole drilled per pad, and preferably at least 2 holes drilled to test at depth and along strike the Adit Vein for potentially economic gold mineralization. Although the possibility is remote mineralized ultramafic rock samples if considered pertinent be analyzed for platinum group elements.
The most favourable times to complete these programs would be from mid July to late September. Contingent on the exploration success of the developing targets further exploration expenditures would be made.

The "Adit Zone" diamond drill program would begin with reestablishing "PAD A", from which at least 2 holes would be drilled to test the zone. The first hole would be drill at a bearing of 310 degrees and a dip of -45 degrees for 50 meters. A second hole from the same setup and bearing as the first hole but a dip of -55 degrees would be drilled to a minimum 65 meters. Depending on visual estimated of the importance of the mineralization intersected and the projected geometry of the mineralized structure a possible third hole at about 65 degrees may be drilled to a planned depth of 80 meters.

Proposed is to move the drill to "PAD B" which would have to be completed to test the structure with at least one 45 degree 310 striking hole, and finally to "PAD C" where again at least one hole would test the structure. PAD C is currently the only one currently ready to support a drill. Total proposed drill meterage for an initial phase of in 4 holes is 200 meters.

The north slope surficial exploration program can be expected to generate 200 soil, 50 moss matt, and 50 rock samples and take 20 mandays to complete. With an associated 2 hrs of helicopter time per day totally 14 hours.

Table 5
Proposed Exploration Budget

Cost Item	Quantity	Charge	Total
North slope program			
Mobilization			$ 2,000.00
Mandays include accommodation and board			
Prospecting (mandays)	6	$500.00	$ 3000.00
Soil sampling (mandays)	10	$500.00	$ 5000.00
Moss mat sampling (mandays)	4	$500.00	$ 2000.00
Soil samples	200	$ 22.00	$ 4400.00
Moss mat samples	50	$ 22.00	$ 1100.00
Rock samples	49	$ 25.00	$ 1200.00
Project management (mandays)	6	$600.00	$ 3,600.00
Helicopter			$20,000.00
Supplies			$ 300.00
Vehicle (8 vehicle days)	8	$ 75.00	$ 600.00
Total north slope phase			$43,100.00
Report			$ 2500.00
Contingency at 10%			$ 4400.00
Grand total program			$50,000.00
Adit Zone Drill program			
Diamond drilling (feet)	600	$25.00	$18,000.00
Geological support (mandays)	10	$600.00	$ 6,000.00
Core sampling (mandays)	4	$500.00	$ 2,000.00
Core samples	60	$25.00	$ 1,500.00
Supplies			$ 500.00
Drill mobe and demobe			$ 4,000.00
Additional drilling costs			$ 3,000.00
Helicopter ~4 hrs per day @$1500 per hour			$30,000.00
Report			$ 3,000.00
Contingency @ 10%			$ 7,000.00
Total diamond drilling			$ 75,000.00
Grand Total			$ 174,855.00
Mandays includes Logistical support at $100 per manday			

Additional trenching and drilling would be contingent on favourable exploration results.

Respectfully submitted,

_____
Joseph E.L. Lindinger, P.Geo.
Consulting Economic Geologist

December 14, 2004

Item 23: References

Christopher, P.E., et al. 1988: Geochemical, Geophysical Assessment Report on the Pierce Mountain Property for Pierce Mountain Resources Ltd.. 9 pages plus attachments. Ministry of Energy, Mines and Petroleum resources Assessment report # 17621.

George, J. 1987: Geological Report on Chuck Claims. 9 pages plus attachments. . Ministry of Energy, Mines and Petroleum resources Assessment report # 16183.

Lefebure D. and Cathro, M., 1999: Plutonic-related gold-quartz veins and their potential in British Columbia. 27 pages. Kamloops Exploration Group Short Course on Intrusion-Related Gold, April 1999.

McCoy, D. 1999: Tintina Gold Belt – Alaska Side. 39 pages. Kamloops Exploration Group Short Course on Intrusion-Related Gold, April 1999.

Ministry of Energy and Mines Map Place Website.

Ray G.E., 1986: Gold associated with a Regionally Developed Mid-Tertiary Plutonic Event in the Harrison Lake Area, Southwestern British Columbia. British Columbia Ministry of Energy, Mines and Petroleum Resources, Paper 1986-1, pp 95-97.

1 I, Joseph Eugene Leopold Lindinger, P Geo. am a consulting geoscientist residing at 879 McQueen Drive, Kamloops, British Columbia, V2B-7X8.

2 I am Registered Member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia (1992)

3 I am a graduate of the University of the University of Waterloo, Ontario with a Bachelor of Sciences (BSc) in Honours Earth Sciences, and have practiced my profession continuously since that time.

4. Since 1975, I have been involved in mineral exploration for gold, copper, zinc, lead and silver, and Uranium, in British Columbia, Ontario, Labrador, Nunavut, Northwest Territory, Yukon Territory, Nevada (USA) and Mexico Between 1983 and 1984 I was mine geologist at the Aurora open pit gold mine in Nevada. Between 1989 and 1991, I was senior mine to chief mine geologist at the Muddy Lake Gold Mine, northwestern British Columbia.

5 As a result of my education, professional experience and professional qualifications, I am a qualified person as defined in National Instrument 43-101 for the mineral deposits being explored for on the Ophira property.

6 Since 1992 I have been a Professional Geoscientist operating a geoscience consulting practice based in Kamloops, British Columbia.

7. I first visited the Ophira property on June 10, 2004 on behalf of Sino Pacific Developments Ltd., to look at the known gold bearing mineralization and the Ophira 1 mineral claim Legal Corner Post I revisited the property in September and October 2004 to participate and manage the 2004 surficial and diamond drilling programs this report documents

8. I prepared this report based on historical and new exploration data generated by the 2004 exploration programs

9. In the disclosure of information relating to permitting, legal title, action, and related issues, I have relied on information from the Ministry of Sustainable Resource Management, Mineral Titles, Tenure Details. The author disclaims responsibility for such information The information referred to is found under Item 6.

10. I am not aware of any material fact or material change with respect to the subject matter of this technical report that is not reflected in this report, the omission to disclose which would make this report misleading

11. I am independent of Sino Pacific Developments Ltd. in accordance with the application of Section 1.5 of National Instrument 43-101.

12 I have read National Instrument 43-101 and Form 43-101 F1 and this report has been prepared in compliance with NI 43-101 and Form 43-101 F1

13 I consent to the filing of the Technical report with any stock exchange and other regulatory authority and any publication by them, including electronic publication in the public company files on their websites accessible to the public, of the technical report.

Dated at Kamloops British Columbia, this 14th day of December, 2004

Joseph E L Lindinger, P Geo
Consulting Geoscientist

JOSEPH EUGENE LEOPOLD LINDINGER, P.Geo.
Consulting Economic Geoscientist

December 14, 2004

Consent of Qualified Person

To: British Columbia Securities Commission

I, Joseph Eugene Leopold Lindinger, P.Geo. consulting geoscientist residing at 879 McQueen Drive, Kamloops, British Columbia, V2B-7X8 hereby consent to the filing with regulatory authorities referred to above, of the technical report titled "Report on Exploration Activities on the Mint - Ophira Property", New Westminster Mining Division, British Columbia and dated December 14, 2004.

I also certify that I have read the written disclosure being filed and have no reason to believe that there has been any misrepresentation of the information contained in the technical report.

Dated this 14th day of December, 2004

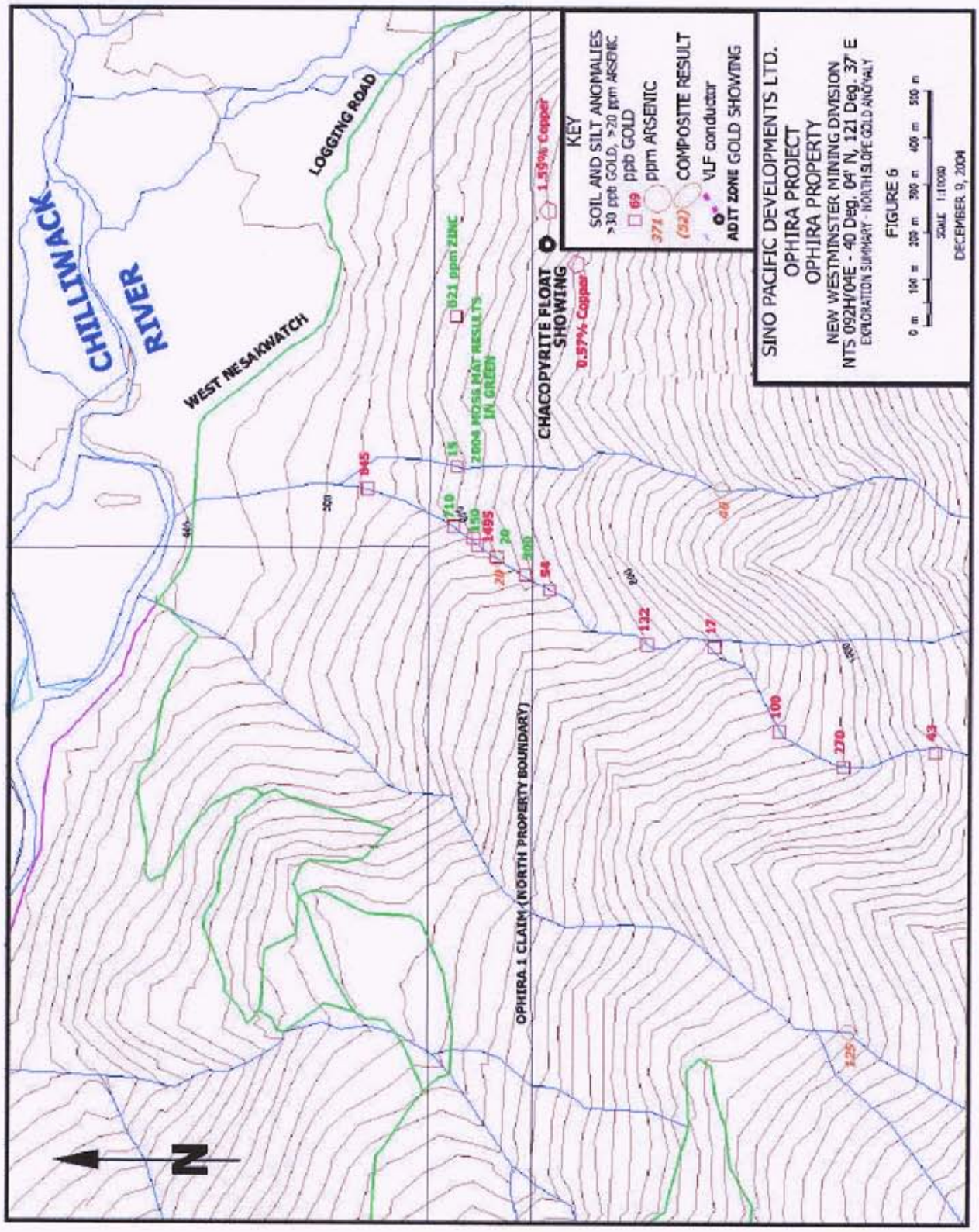
Seal of J.E.L. Lindinger P.Geo

J.E.L. LINDINGER, P.GEO.

Printed name of J.E.L. Lindinger, P.Geo.

879 McQueen Drive, Kamloops, British Columbia, V2B-7X8
Tel-Fax 250-554-6887. Email, joslind@telus.net

Appendix 1
Figures 6 – 11, Table 4



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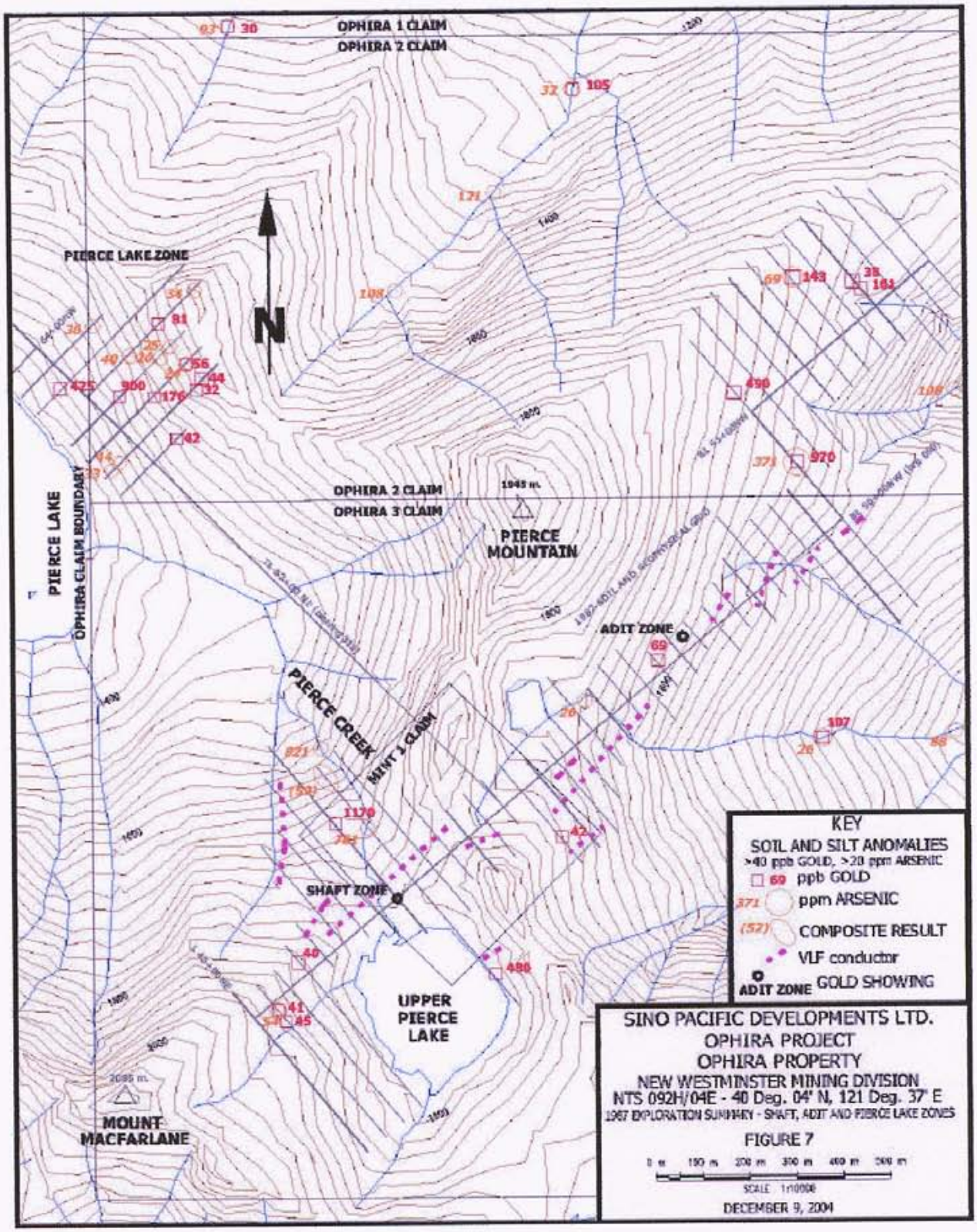

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Table 2
GEOLOGICAL LEGEND – OPHIRA PROJECT – SHAFT ZONE DRILLING

TERTIARY

QBX Quartz Breccia Zone
HBX Hydrothermal Breccia Zone
SZ Hydrothermally Altered Shear Zone
DIO Diorite (Miocene Chilliwack Batholith?)

DEVONIAN-PERMIAN
Chilliwack Group?

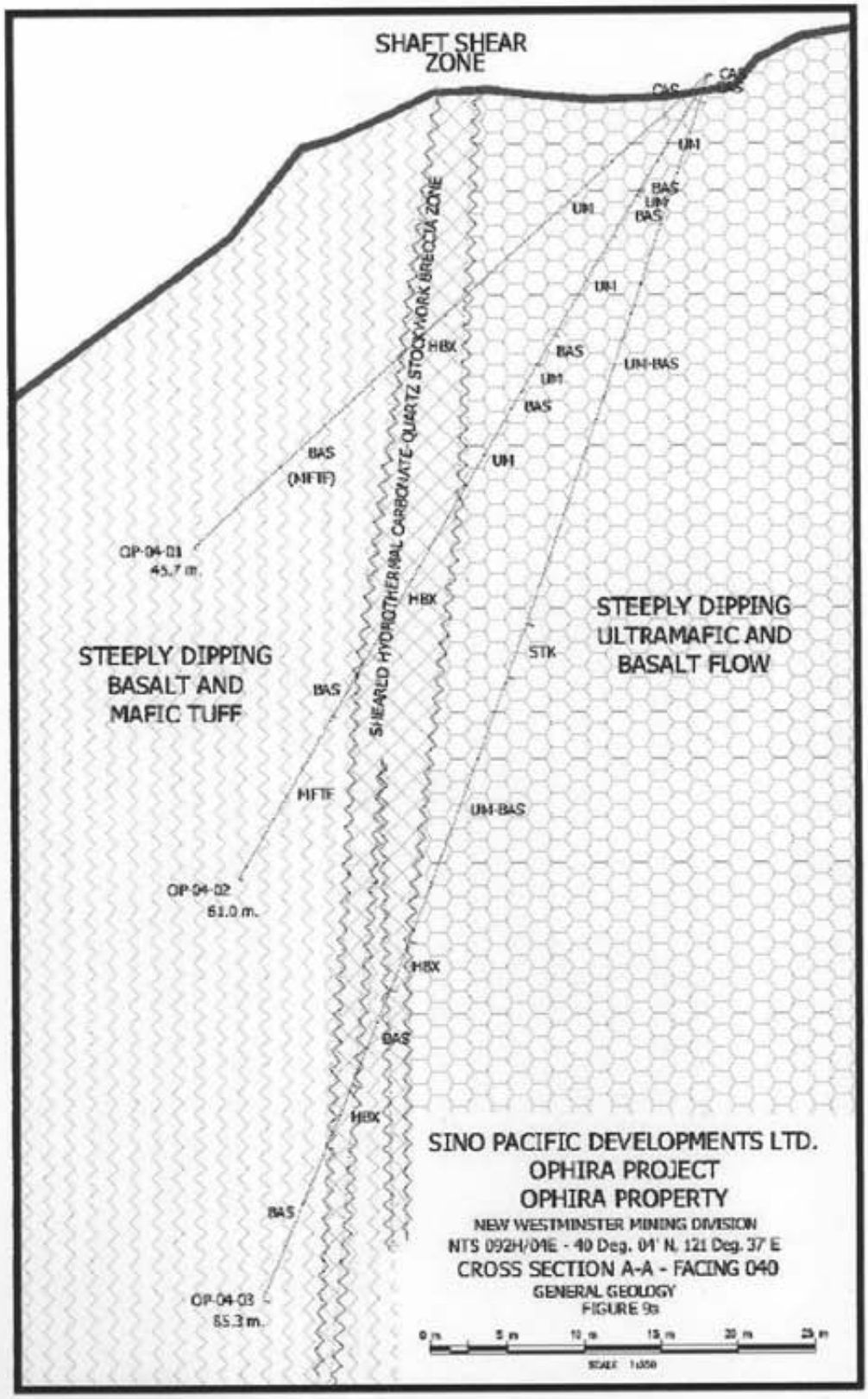
SED Subaqueous thinly bedded greywacke, arkose and argillaceous siltstone

PALEOZOIC – PROTEROZOIC
Yellow Aster Complex?

BAS Fine to medium grained subaqueous basalt and andesite flow, locally pillowed?

PRECAMBRIAN

UM Grey medium to fine grained often talcose highly altered pyroxenite? High chrome-nickel content.



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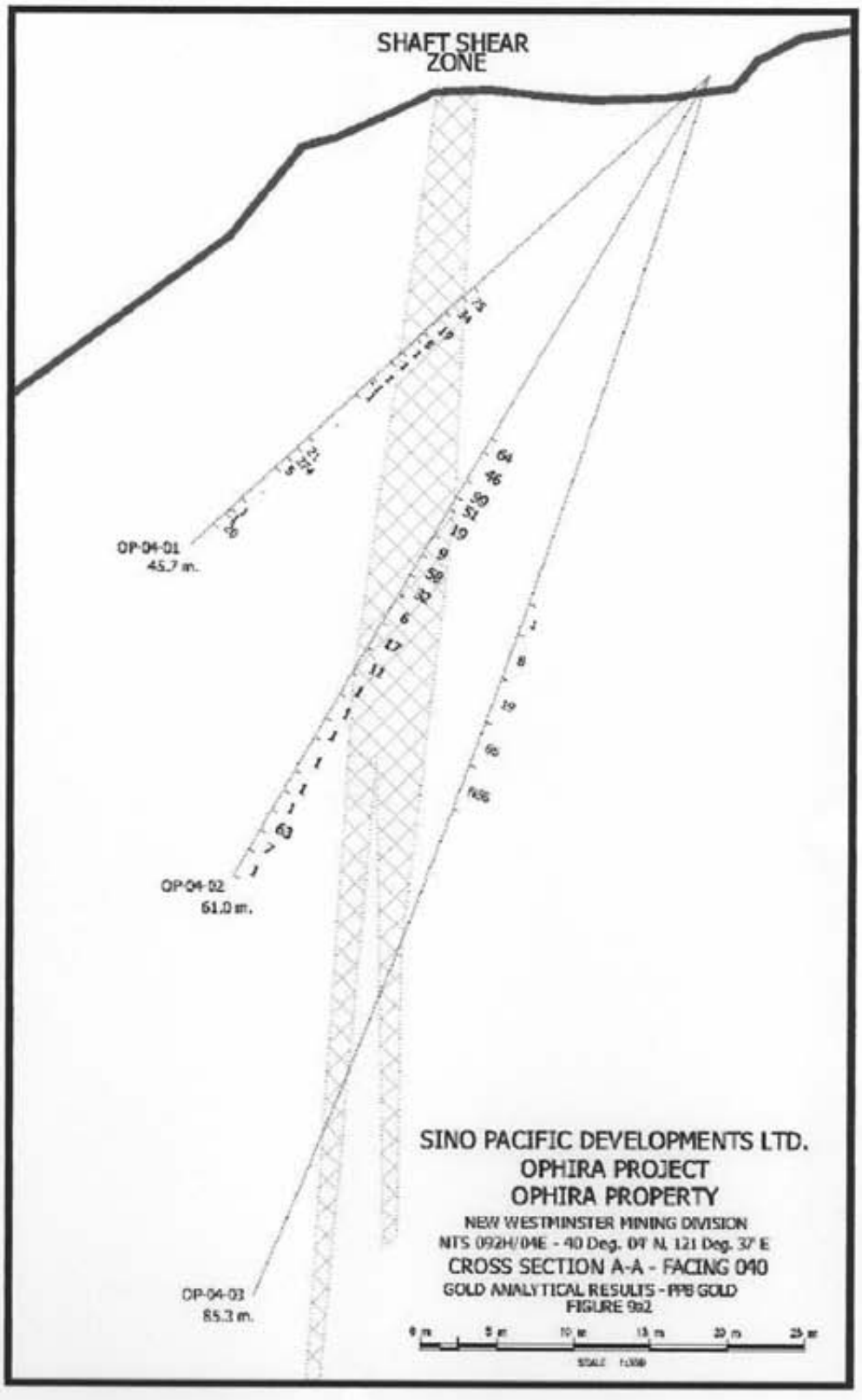

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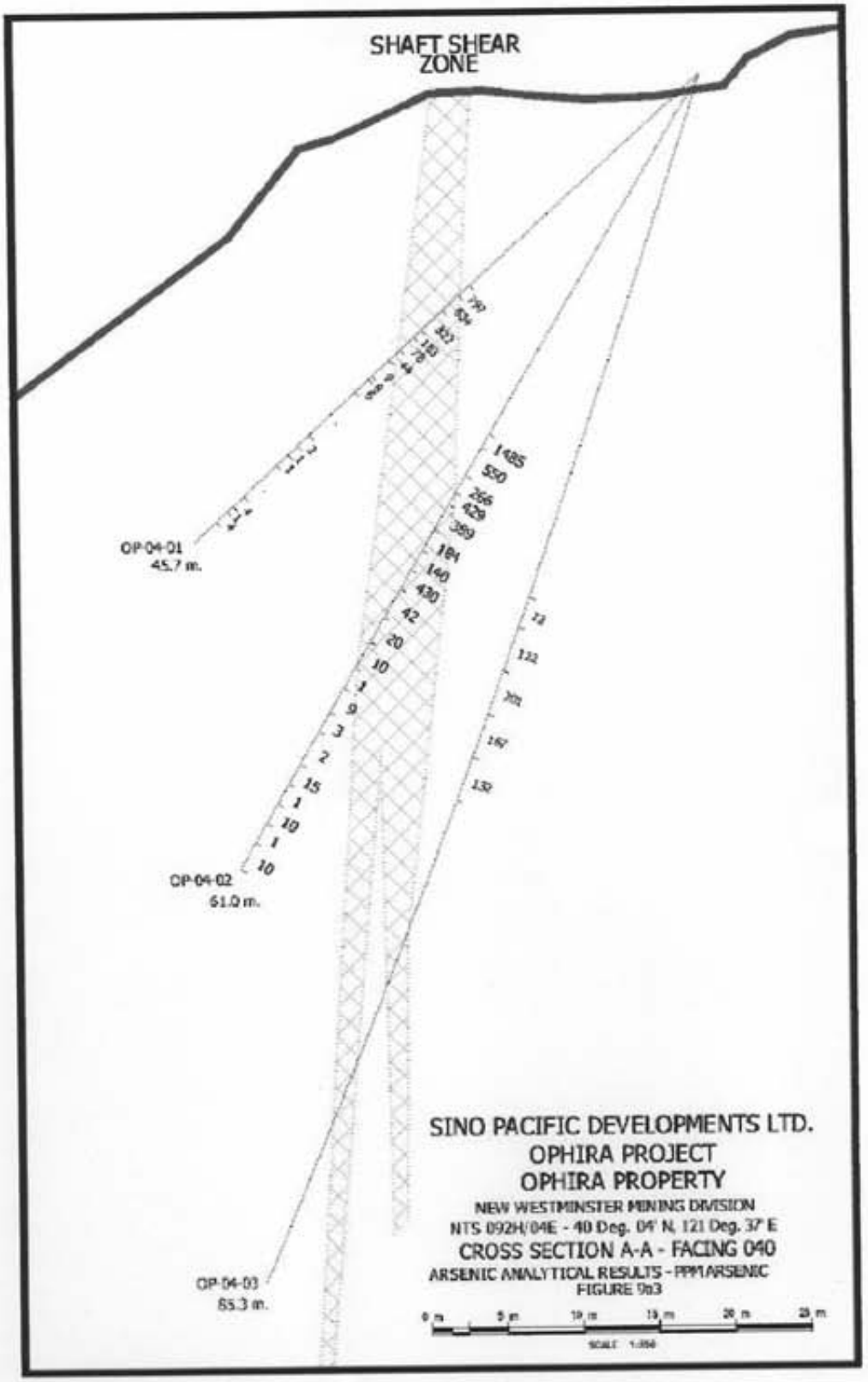

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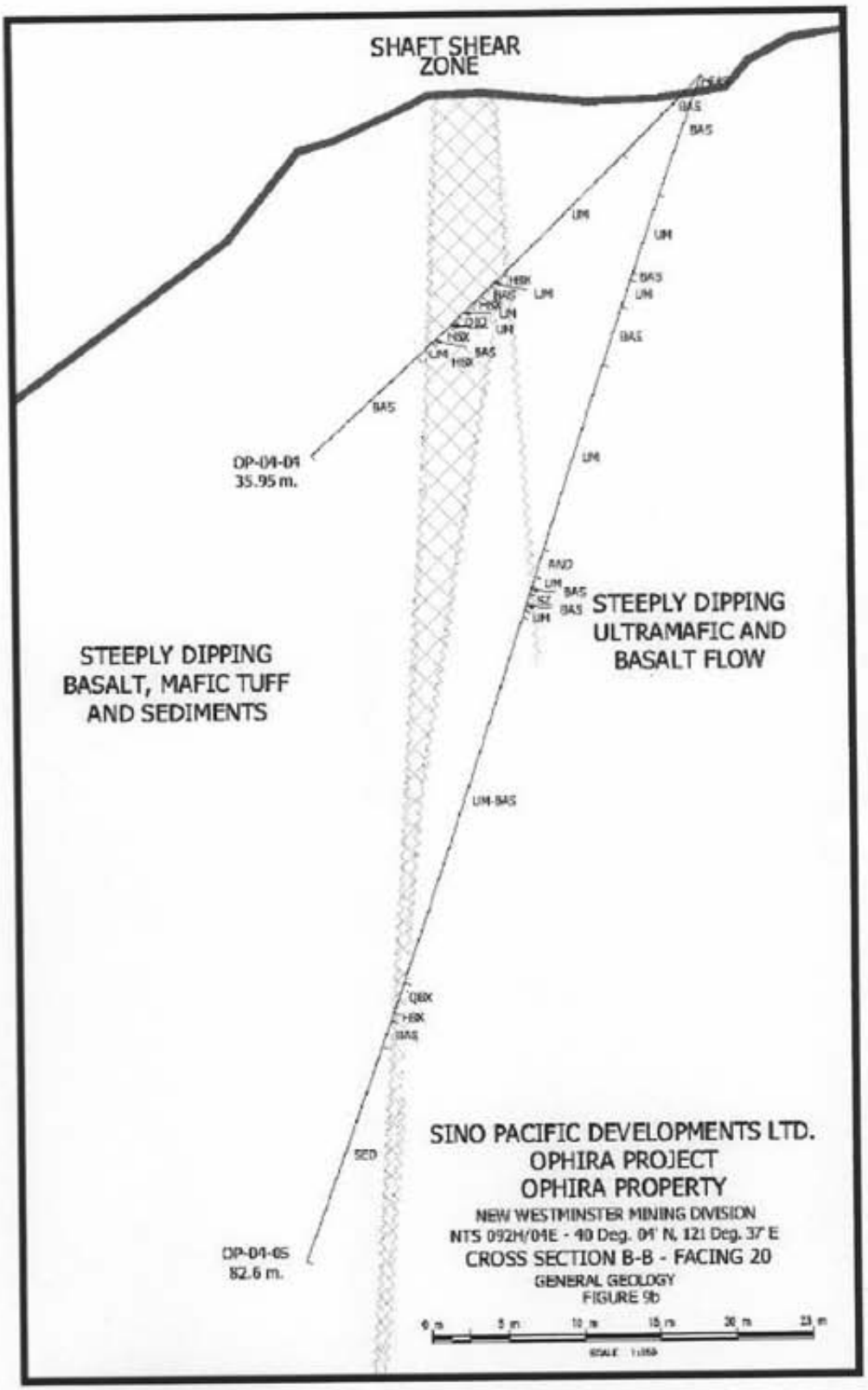

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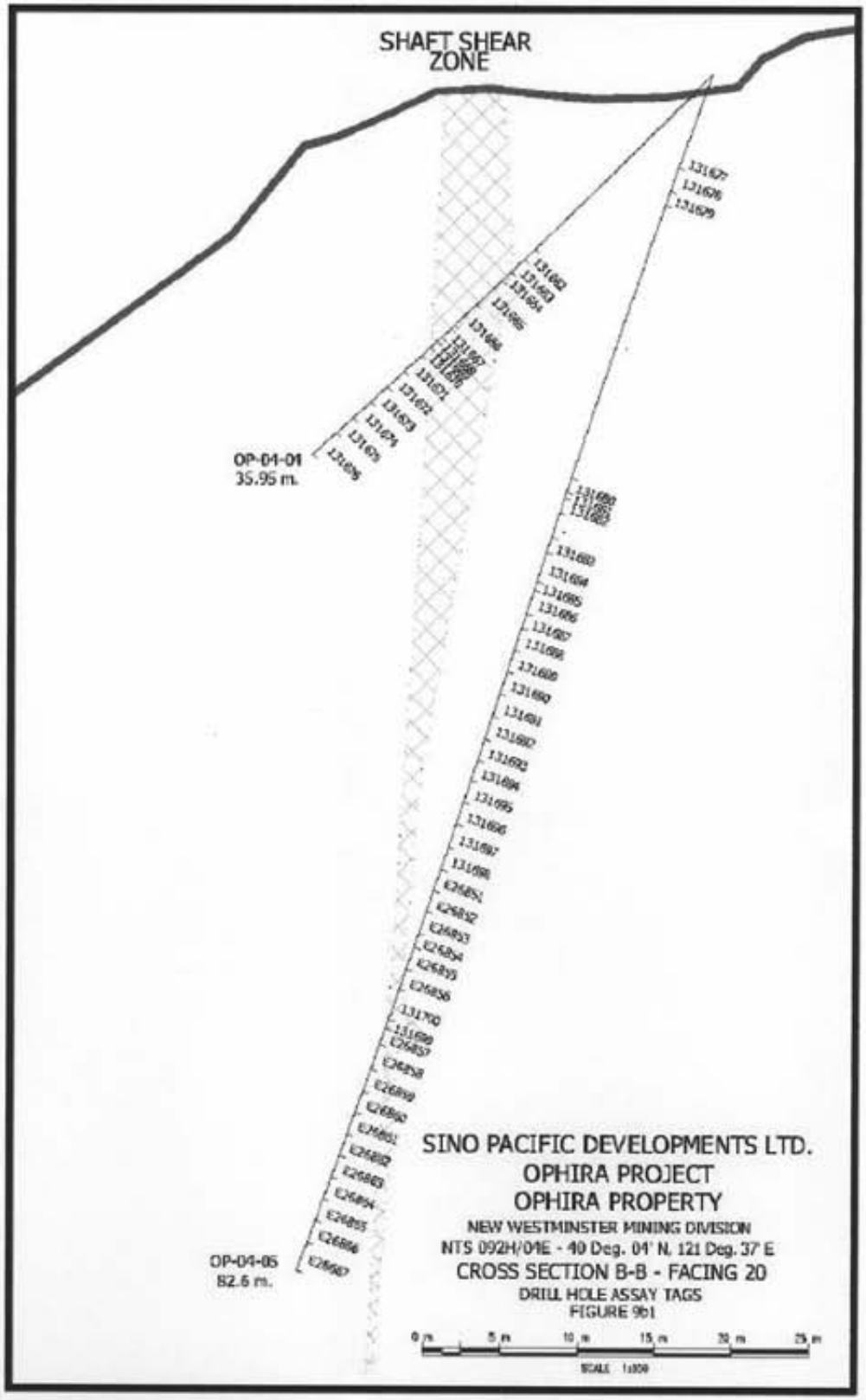

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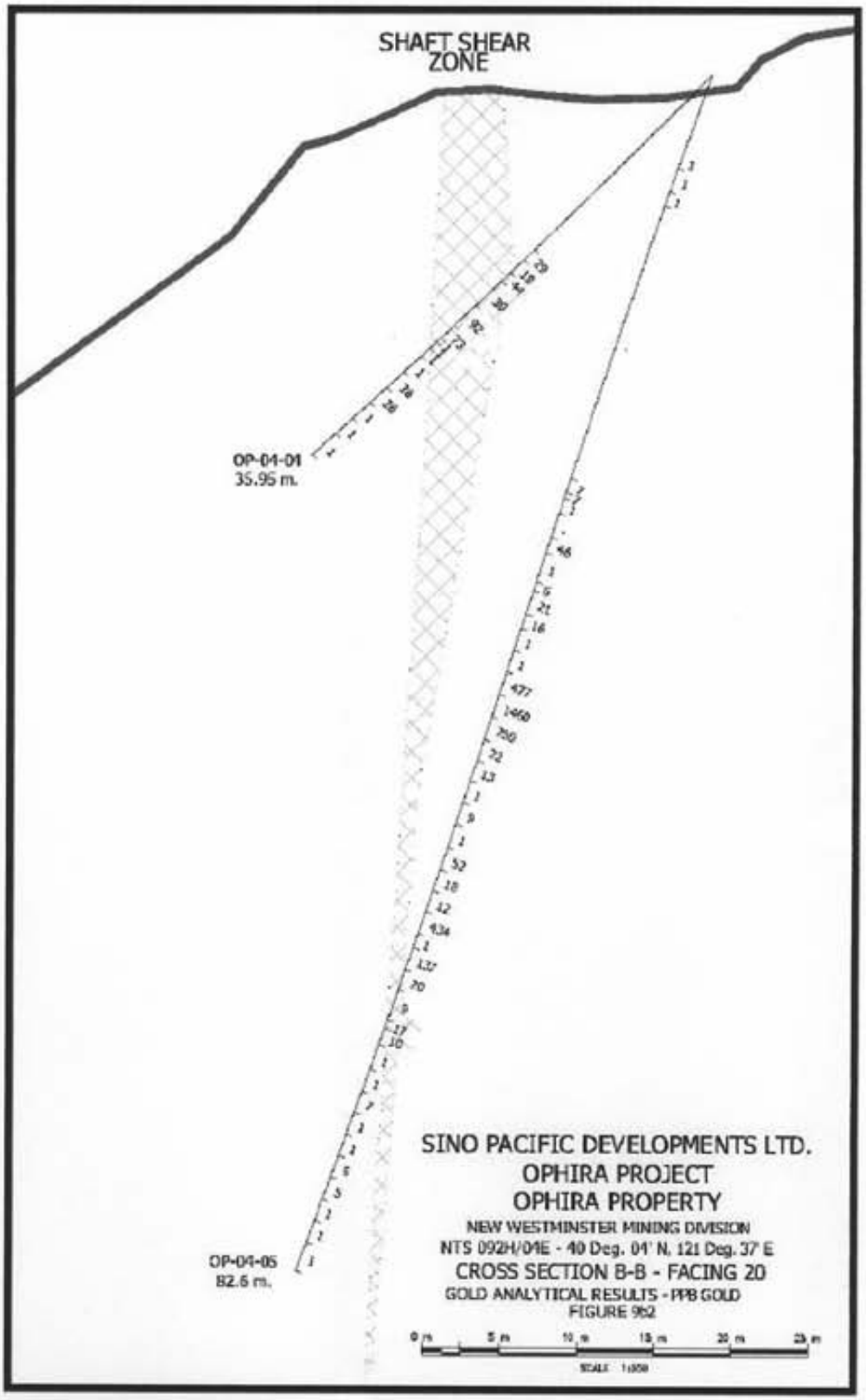

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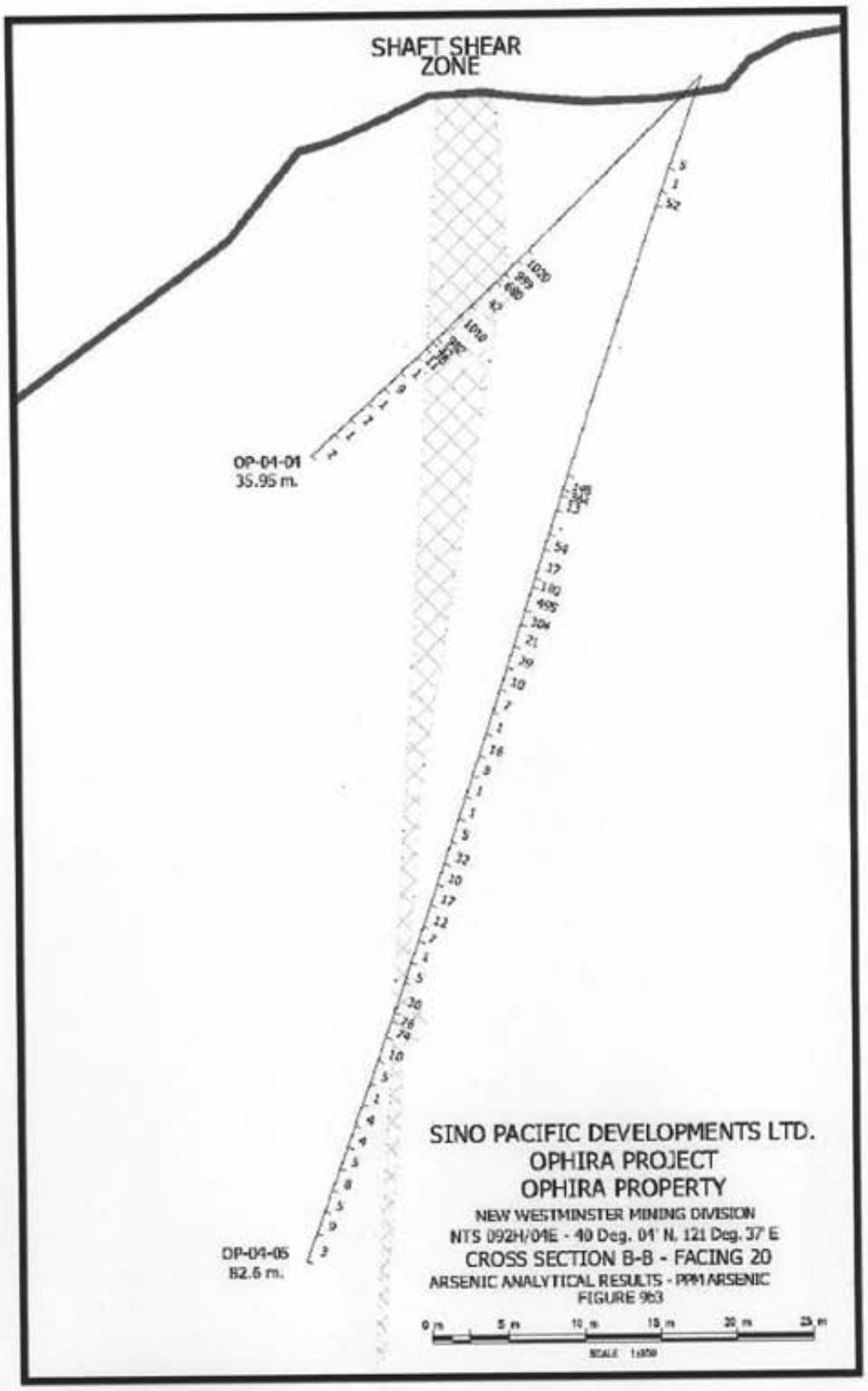

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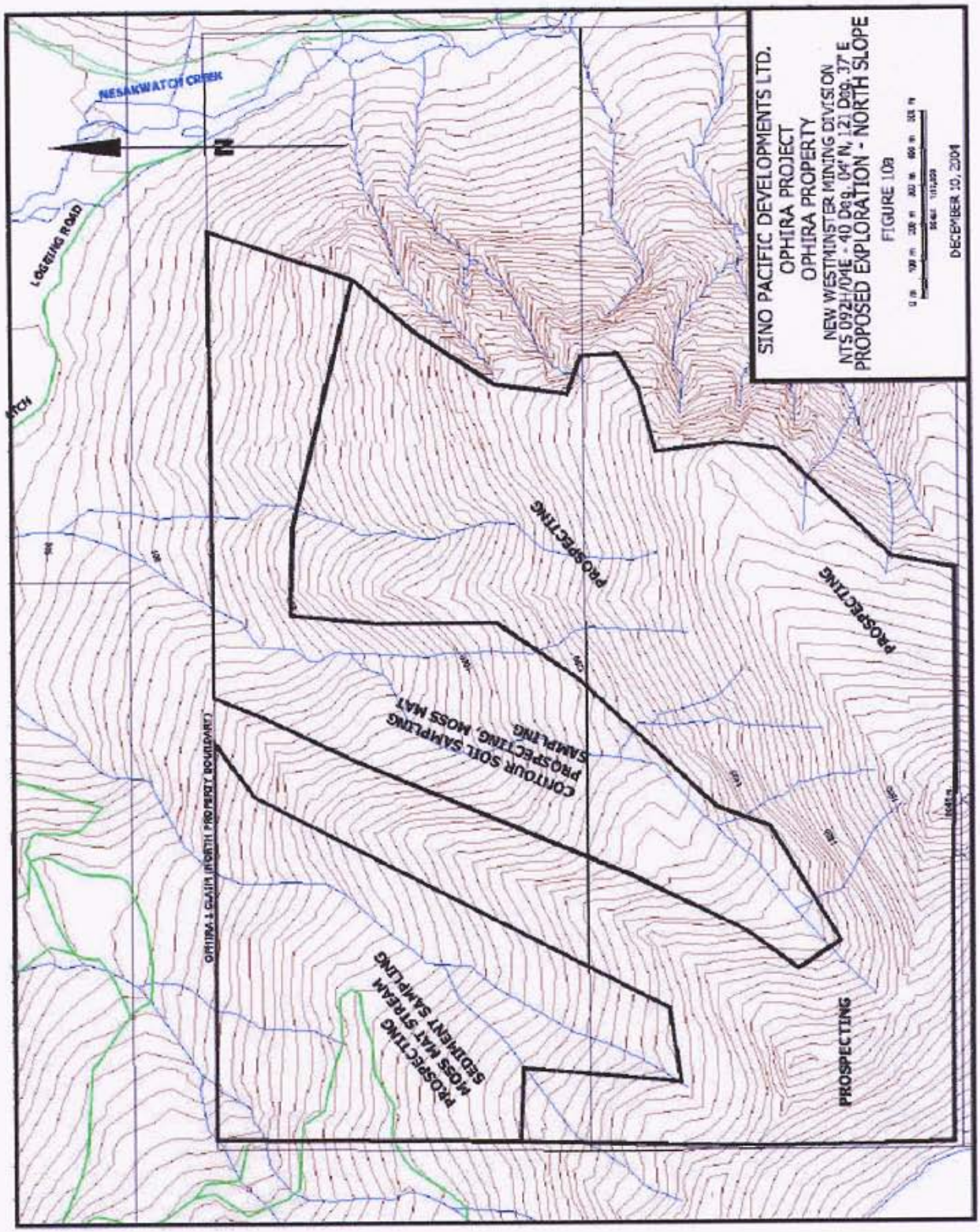

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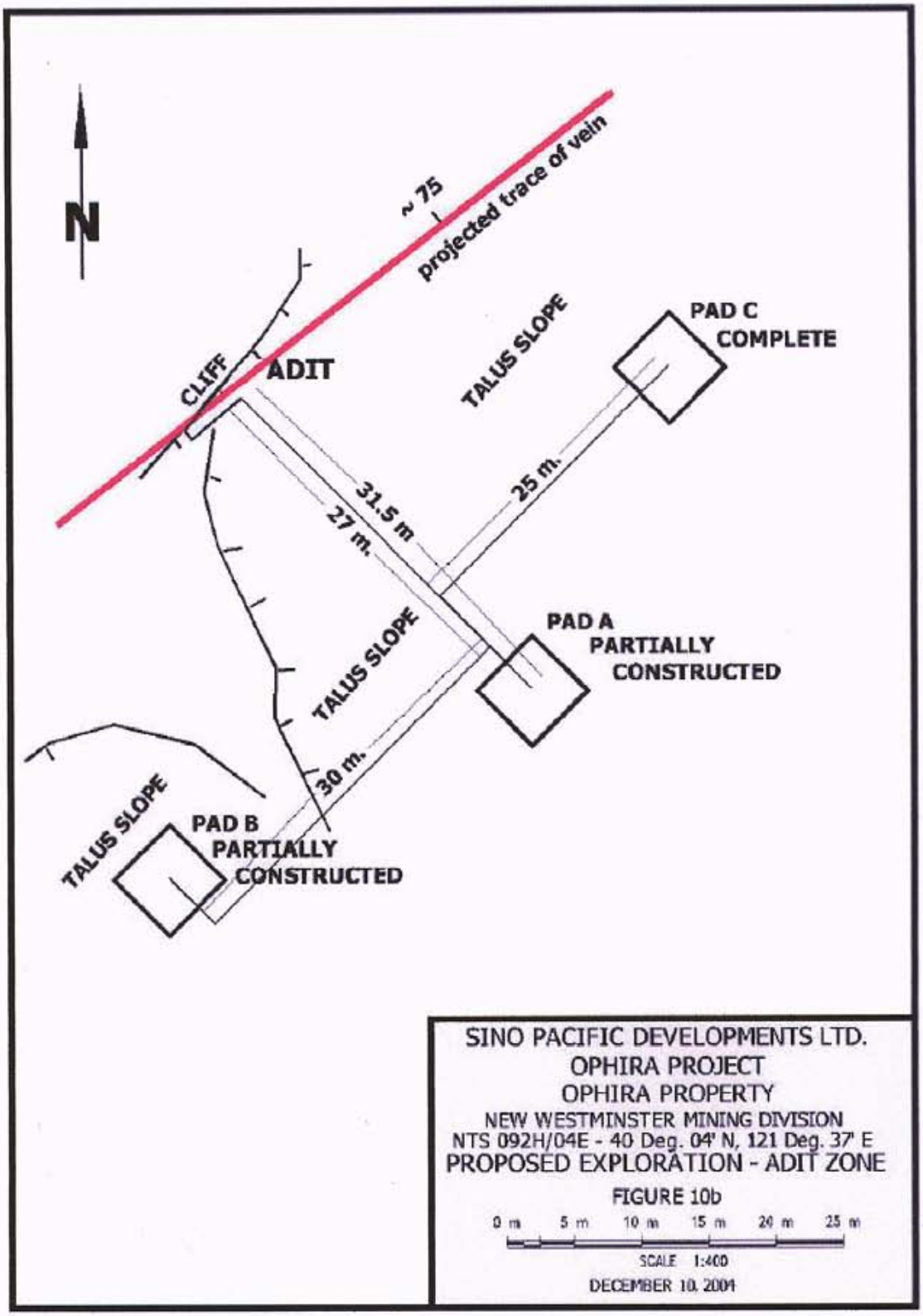

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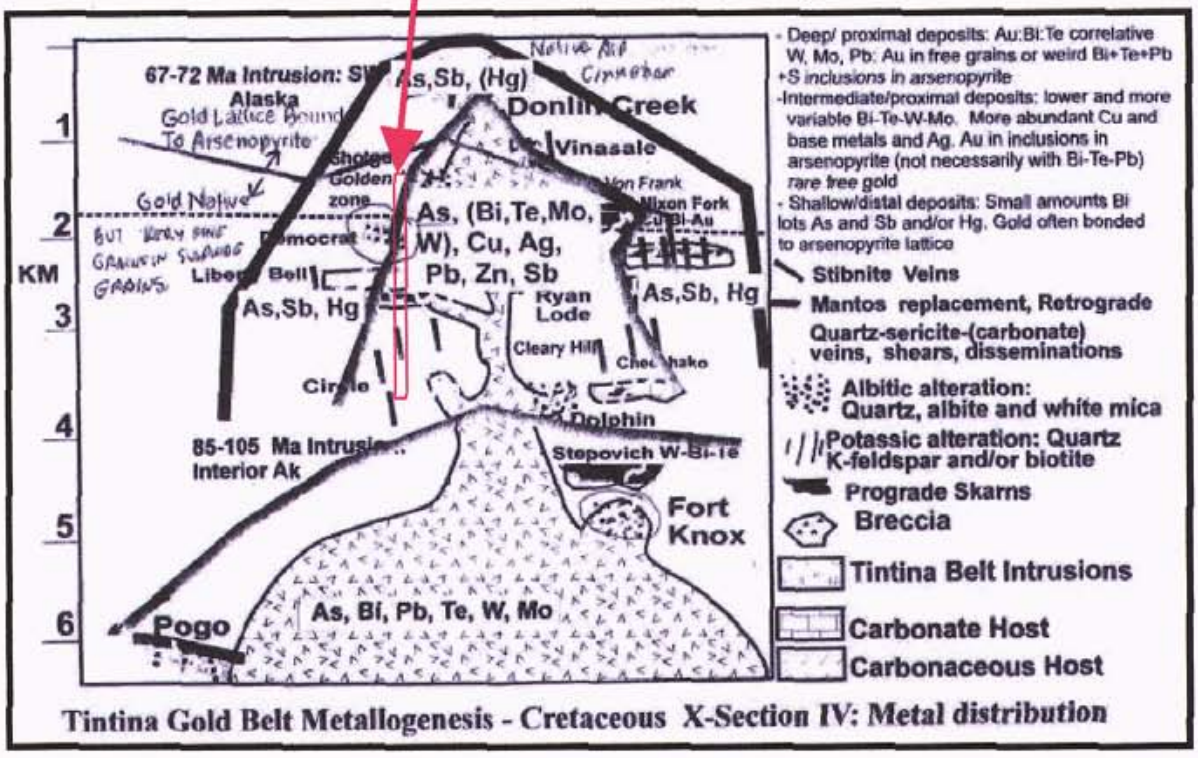
Possible range of OPHIRA gold mineralization.



Tintina Gold Belt Metallogenesis - Cretaceous X-Section IV: Metal distribution

SINO PACIFIC DEVELOPMENTS LTD.
OPHIRA PROJECT – OPHIRA PROPERTY

NEW WESTMINSTER MINING DIVISION
NTS 092H/04E – 40° 04' N, 121° 37' W.

STYLES OF INTRUSION ASSOCIATED GOLD MINERALIZATION AND METAL SUITES

FIGURE 11, December 14, 2004

Source: McCoy, 1999, Fig 21.

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Appendix 2
Analytical Results –Rock Samples

879 McQueen Drive, Kamloops, British Columbia, V2B-7X8
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ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

To: **SINO PACIFIC DEVELOPMENTS LTD.**
P.O. BOX 11517
2400 - 650 W. GEORGIA ST
VANCOUVER BC V6B 4N7

Date: 23-JUN-2004
Account: SINPAC

CERTIFICATE VA04035832

Project: Ophira

P.O. No.: 04-01

This report is for 2 Rock samples submitted to our lab in Vancouver, BC, Canada on 10-JUN-2004.

The following have access to data associated with this certificate:

J.L. LINDINGER	OFFICE MANAGER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-GRA22	Au Ag 50g FA-GRAV finish	WST-SIM
ME-ICP41	34 Element Aqua Regia ICP-AES	ICP-AES

To: **SINO PACIFIC DEVELOPMENTS LTD.**
ATTN: J.L. LINDINGER
879 MCQUEEN DRIVE
KAMLOOPS BC V2B 7X8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

879 McQueen Drive, Kamloops, British Columbia, V2B-7X8
Tel-Fax 250-554-6887. Email, joslind@telus.net

JOSEPH EUGENE LEOPOLD LINDINGER, P.Geo.
Consulting Economic Geoscientist

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To: **SINO PACIFIC DEVELOPMENTS LTD.**
P.O. BOX 11517
2400 - 650 W. GEORGIA ST
VANCOUVER BC V6B 4N7

Date: 23-JUN-2004
Account: SINPAC

Project: Ophira

CERTIFICATE OF ANALYSIS VA04035832

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-GRA22 Au ppm 0.05	ME-GRA22 Ag ppm 5	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1
PM001		0.96	125.5	12	8.5	1.04	15	<10	<10	<0.5	<2	0.11	4.8	419	144	2040
PM002		0.36	0.22	<5	0.3	4.65	10	<10	110	<0.5	<2	1.33	1.2	42	44	515

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ALS Canada Ltd
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VANCOUVER BC V6B 4N7

Page: 2 - B
Total # Pages: 2 (A - C)
Date: 23-JUN-2004
Account: SINPAC

Project: Ophira

CERTIFICATE OF ANALYSIS VA04035832

Sample Description	Method Analyte Units LOR	MS-ICP41 Fe % 0.01	MS-ICP41 Ga ppm 10	MS-ICP41 Hg ppm 1	MS-ICP41 K % 0.01	MS-ICP41 La ppm 10	MS-ICP41 Mg % 0.01	MS-ICP41 Mn ppm 5	MS-ICP41 Mo ppm 1	MS-ICP41 Na % 0.01	MS-ICP41 Nb ppm 1	MS-ICP41 P ppm 10	MS-ICP41 Pb ppm 2	MS-ICP41 S % 0.01	MS-ICP41 Sb ppm 2	MS-ICP41 Sc ppm 1
PM001		23.3	<10	1	0.01	<10	0.93	318	6	<0.01	62	150	3	>10.0	<2	3
PM002		10.50	<10	<1	0.12	<10	3.30	1406	1	0.07	126	640	3	0.19	<2	7

JOSEPH EUGENE LEOPOLD LINDINGER, P.Geo.
Consulting Economic Geoscientist

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VANCOUVER BC V6B 4N7

Date: 23-JUN-2004
Account: SINPAC

Project: Ophira

CERTIFICATE OF ANALYSIS VA04035832

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Sr ppm 1	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
PM001		3	<0.01	<10	<10	50	<10	23
PM002		161	0.06	<10	<10	160	<10	52

879 McQueen Drive, Kamloops, British Columbia, V2B-7X8
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14-Sep-04

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

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

ICP CERTIFICATE OF ANALYSIS AK 2004-1353

RENAISSANCE GEOSCIENCE SERVIES
879 McQueen Drive
KAMLOOPS, BC
V2B 7X8

ATTENTION: Leo Lindinger

No. of samples received: 2
Sample type: Rock
Project #: 091
Shipment #: 04-02
Samples submitted by: T. Sullivan

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	0R-01	5	0.2	0.99	<5	305	<5	0.35	<1	14	88	24	2.50	<10	0.42	408	7	0.08	12	720	18	10	<20	14	0.13	<10	<1	<10	23	96
2	0R-02	20	0.3	3.99	15	210	<5	0.68	<1	28	78	64	6.54	10	1.05	649	10	0.20	50	850	40	5	<20	64	0.12	<10	89	<10	14	259
QC DATA:																														
Reapit:																														
1	0R-01	10	0.3	0.98	5	315	<5	0.35	<1	15	94	24	2.50	<10	0.40	39	6	0.08	12	700	16	5	<20	13	0.14	<10	<1	<10	23	93
Repeat:																														
1	0R-01	5	0.3	1.02	<5	320	5	0.36	<1	15	90	25	2.57	<10	0.43	407	8	0.08	14	740	16	5	<20	13	0.14	<10	<1	<10	23	100
Standard:																														
GEO '04		135	1.5	1.72	0	175	<5	1.58	<1	22	61	86	3.72	<10	0.98	627	<1	0.03	30	840	20	<5	<20	53	0.11	<10	58	<10	10	74

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/jm
df/1344c/1359
XLS/04

879 McQueen Drive, Kamloops, British Columbia, V2B-7X8
Tel-Fax 250-554-6887. Email, joslind@telus.net

JOSEPH EUGENE LEOPOLD LINDINGER, P.Geo.
Consulting Economic Geoscientist

Appendix 3
Rock Descriptions (J.E.L. Lindinger, P.Geo)

879 McQueen Drive, Kamloops, British Columbia, V2B-7X8
Tel-Fax 250-554-6887. Email, joslind@telus.net

2004 OPHIRA PROJECT - ROCK DESCRIPTIONS				
Sample Identifier	**Location**	**Location Description**	**Description**	**Gold Results**
PM-001	"ADIT ZONE"	Sample is from a hanging wall pyrrhotite-quartz +/- chalcopyrite vein from the "adit vein". The vein occupies a tabular but curviplanar dilatant zone adjacent to the southwest striking about 75 degree north dipping hangingwall fault plane in the structure hosting the vein. The vein varies from less than 4 cm to 11 cm thick as seen. The sampled area averages 7 cm thick. The vein is bounded on both sides by sheared clayey altered rock. The fracture style in the wallrock suggests dominantly normal displacement. (NW side down).	The vein is comprised of 70% pyrrhotite 15% bleached clay altered wallrock fragments, blebs of 8% white fractured quartz intimately associated with pyrrhotite, 2% erratically disseminated grains and fracture associated stringers of chalcopyrite (usually within pyrrhotite) and 6% late stage calcite lenses. Possible traces of molybdenite, and bornite may occur.	125.5 g/t also 8.5 g/t Ag, 0.2% Cu
PM-002	"ADIT ZONE"	Rock PM-002 is from a footwall vein that appears less well mineralized that PM-001. The vein ranges from less than 2 cm to 5 cm thick and the sampled area was about 3 cm thick. This vein (see photo) grades from subparallel to the HW vein and separated by about 35 cm of altered wallrock containing possible weak stockwork veining. At the sampled area the vein is shattered by minor displacement from a 45 degree northwest dipping structure that intersects the steeply dipping vein and that the vein bends and follows at depth.	This material is a limonitic highly brecciated brown "grotty" and crumbly. The rock is well oxidized with partial to totally complete oxidation of the pyrrhotite to clayey aerobar with yellow clay coated siliceous plates. The material appears to be dominantly extremely altered wallrock with shards of limonitic stained quartz crystals.	0.22 g/t
OR-01	STREAM	80 meters up creek with high gold in silts. Sample is ~150 meters north of Ophira north claim boundary. ~605 meters elevation.	Quartz vein-metasediment wallrock fragments breccia. Fragments are subangular and average 2-3 cm long vy~0.8 cm thick, orientation is chaotic.	5 ppb
OR-02	STREAM	195 meters up creek with high gold in silts. Sample is close to north of Ophira north claim boundary. ~650 meters elevation.	Crackle brecciated mafic volcanic with strong limonitic coated fractures. Fracture selvages are strongly carbonate altered, with fractures themselves hosting brown limonitic clay altered material.	20 ppb

Appendix 4
Analytical Results Moss Mat Samples

879 McQueen Drive, Kamloops, British Columbia, V2B-7X8
Tel-Fax 250-554-6887. Email, joslind@telus.net

4-Oct-04

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

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

ICP CERTIFICATE OF ANALYSIS AK 2004-1354

RENAISSANCE GEOSCIENCE SERVIES
879 McQueen Drive
KAMLOOPS, BC
V2B 7X8

ATTENTION: Lee Lindinger

No. of samples received: 6
Sample type: Moss
Project #:091
Shipment #:04-02
Samples submitted by: T. Sullivan

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	OMM-01	5	0.4	1.30	<5	105	<5	1.47	10	13	23	48	2.07	20	0.37	1476	<1	<0.01	91	840	26	<5	<20	100	0.07	<10	15	<10	25	621
2	OMM-02	15	0.2	1.49	5	145	<5	0.70	2	22	32	65	3.52	10	0.80	655	<1	0.02	37	1310	26	<5	<20	39	0.04	<10	41	<10	14	202
3	OMM-03	710	0.2	2.11	10	100	<5	0.69	1	19	46	60	4.41	10	0.93	707	2	0.05	39	1040	28	15	<20	48	0.09	<10	50	<10	12	187
4	OMM-04	150	0.2	2.01	15	105	<5	0.82	2	20	43	59	4.06	<10	0.85	746	2	0.05	41	1100	26	5	<20	51	0.09	<10	47	<10	12	179
5	OMM-05	20	0.2	2.02	20	100	5	0.78	1	20	42	69	3.99	<10	0.87	704	1	0.05	39	1010	26	10	<20	50	0.08	<10	49	<10	11	181
6	OMM-06	300	0.2	1.89	15	100	<5	0.90	2	20	43	62	3.64	<10	0.81	704	2	0.05	45	1120	26	5	<20	54	0.07	<10	47	<10	11	162
QC DATA:																														
Repeat:																														
1	OMM-01	5	0.4	1.32	<5	95	<5	1.26	9	14	24	46	2.20	20	0.42	1320	<1	<0.01	86	790	24	<5	<20	85	0.08	<10	17	<10	23	613
Standard:																														
GEO '04		135	1.6	1.72	65	175	<5	1.59	<1	21	60	86	3.69	<10	0.97	630	<1	0.03	35	840	2	5	<20	54	0.11	<10	58	<10	10	74

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/jm
d5/1344c
XLS/04

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JOSEPH EUGENE LEOPOLD LINDINGER, P.Geo.
Consulting Economic Geoscientist

Appendix 5
Analytical Results – Drill Core and Sludge Samples

879 McQueen Drive, Kamloops, British Columbia, V2B-7X8
Tel-Fax 250-554-6887. Email, joslind@telus.net

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

To: SINO PACIFIC DEVELOPMENTS LTD.
P.O. BOX 11512
2400 - 650 W. GEORGIA ST
VANCOUVER BC V6B 4N7

Finalized Date: 11-NOV-2004
Account: SINPAC

CERTIFICATE VA04074768

Project: Ophira

P.O. No.:

This report is for 85 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 29-OCT-2004.

The following have access to data associated with this certificate:

J.L. LINDINGER	OFFICE MANAGER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	34 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

To: SINO PACIFIC DEVELOPMENTS LTD.
ATTN: J.L. LINDINGER
879 MCQUEEN DRIVE
KAMLOOPS BC V2B 7X8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

879 McQueen Drive, Kamloops, British Columbia, V2B-7X8
Tel-Fax 250-554-6887. Email, joslind@telus.net

JOSEPH EUGENE LEOPOLD LINDINGER, P.Geo.
Consulting Economic Geoscientist

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To: SINO PACIFIC DEVELOPMENTS LTD.
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VANCOUVER BC V6B 4N7

Page: 2 - A
Total # Pages: 4 (A - C)
Finalized Date: 11-NOV-2004
Account: SINPAC

Project: Ophira

CERTIFICATE OF ANALYSIS VA04074768

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
E26827		2.30	0.075	<0.2	1.40	797	10	20	<0.5	<2	5.12	<0.5	61	357	22	3.56
E26828		1.68	0.034	<0.2	0.65	634	<10	60	0.5	<2	11.15	<0.5	49	260	24	5.08
E26829		2.88	0.019	<0.2	1.16	322	<10	30	<0.5	2	6.34	<0.5	29	129	24	4.24
E26830		0.22	0.008	<0.2	2.08	163	<10	30	0.5	<2	4.53	<0.5	40	89	25	4.52
E26831		2.24	<0.005	<0.2	1.08	78	<10	30	<0.5	2	6.32	<0.5	26	84	28	4.62
E26832		1.64	<0.005	<0.2	1.74	44	<10	90	<0.5	<2	3.70	<0.5	24	53	54	3.72
E26833		2.66	<0.005	<0.2	3.92	9	<10	220	<0.5	<2	2.12	<0.5	22	49	83	4.11
E26834		0.58	<0.005	<0.2	3.43	8	<10	210	<0.5	<2	1.84	<0.5	19	40	67	3.87
E26835		1.96	<0.005	<0.2	2.49	6	<10	130	<0.5	<2	1.24	<0.5	16	43	83	3.04
E26836		1.70	0.021	<0.2	2.52	2	<10	120	<0.5	<2	1.54	<0.5	16	47	63	3.15
E26837		1.76	0.274	<0.2	2.84	<2	<10	50	<0.5	<2	3.29	<0.5	25	28	85	4.27
E26838		2.06	0.005	<0.2	2.71	<2	60	60	<0.5	<2	9.64	<0.5	6	20	75	1.04
E26839		1.80	<0.005	<0.2	3.41	4	<10	180	<0.5	<2	1.80	<0.5	18	30	92	3.39
E26840		1.98	<0.005	<0.2	3.58	<2	<10	250	<0.5	<2	2.31	<0.5	16	43	81	2.95
E26841		1.62	0.020	<0.2	3.45	4	<10	220	<0.5	<2	1.81	<0.5	16	32	66	4.16
E26842		1.96	0.064	<0.2	1.04	1486	10	10	<0.5	<2	3.45	<0.5	67	382	19	3.50
E26843		4.56	0.046	0.2	0.90	550	<10	10	<0.5	<2	3.04	<0.5	58	717	65	2.55
E26844		1.84	0.009	<0.2	3.47	266	<10	20	<0.5	2	3.23	<0.5	57	667	21	4.64
E26845		1.58	0.051	<0.2	0.73	429	<10	30	<0.5	<2	10.25	<0.5	74	458	61	5.21
E26846		2.60	0.019	0.2	0.97	389	<10	40	<0.5	<2	6.93	<0.5	51	132	29	3.37
E26847		2.26	0.009	<0.2	1.04	184	<10	40	0.5	<2	10.10	<0.5	65	463	22	5.30
E26848		2.54	0.058	<0.2	0.49	140	<10	30	<0.5	<2	11.30	<0.5	71	351	30	4.67
E26849		2.16	0.052	0.2	1.14	430	<10	50	<0.5	<2	10.20	<0.5	88	277	33	5.84
E26850		3.18	0.006	<0.2	1.62	42	<10	50	<0.5	<2	7.29	<0.5	23	65	20	6.08
E26851		2.64	0.015	<0.2	4.77	10	<10	200	<0.5	<2	2.93	<0.5	24	90	77	4.40
E26852		2.10	0.012	0.3	2.99	17	<10	140	<0.5	<2	2.51	<0.5	22	93	58	2.89
E26853		3.02	0.434	0.2	3.93	12	<10	150	<0.5	<2	2.91	<0.5	25	65	62	3.41
E26854		2.06	<0.005	<0.2	4.75	7	<10	270	<0.5	<2	2.07	<0.5	29	85	59	4.97
E26855		2.48	0.137	0.2	3.74	<2	<10	120	<0.5	<2	2.95	<0.5	28	31	76	5.70
E26856		3.56	0.020	<0.2	2.59	5	<10	90	<0.5	<2	2.92	<0.5	32	12	96	7.15
E26857		0.40	0.010	0.5	2.33	74	<10	160	<0.5	<2	7.10	<0.5	14	43	37	4.79
E26858		2.90	<0.005	0.4	3.41	10	<10	240	0.5	<2	1.55	<0.5	18	63	82	4.80
E26859		2.84	<0.005	<0.2	3.87	5	<10	130	<0.5	<2	0.96	<0.5	21	87	65	5.55
E26860		2.24	0.007	0.2	3.77	<2	<10	130	<0.5	<2	0.91	<0.5	21	92	59	5.67
E26861		3.12	<0.005	0.3	3.92	4	<10	90	<0.5	<2	1.06	<0.5	21	94	83	5.34
E26862		2.76	<0.005	0.2	3.51	4	<10	120	<0.5	<2	0.66	0.6	20	71	94	5.30
E26863		2.66	0.006	0.2	3.51	5	<10	430	<0.5	<2	0.59	<0.5	21	65	89	5.19
E26864		2.86	0.025	<0.2	4.13	5	<10	180	<0.5	<2	2.04	0.5	19	80	77	4.62
E26865		3.00	<0.005	<0.2	3.99	5	<10	140	<0.5	<2	0.93	<0.5	20	88	81	4.67
E26866		2.36	<0.005	<0.2	3.22	9	<10	130	0.5	<2	1.15	0.5	16	62	73	4.23

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ALS Chemex
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To: SINO PACIFIC DEVELOPMENTS LTD.
P.O. BOX 11512
2400 - 650 W. GEORGIA ST
VANCOUVER BC V6B 4N7

Finalized Date: 11-NOV-2004
Account: SINPAC

Project: Ophira

CERTIFICATE OF ANALYSIS VA04074768

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
E26827		<10	<1	0.11	<10	6.20	843	<1	0.01	1145	260	2	0.33	6	6	233
E26828		<10	<1	0.03	<10	4.51	1630	<1	0.02	672	600	<2	0.02	4	14	616
E26829		<10	<1	0.05	<10	2.07	1075	<1	0.01	344	780	<2	0.01	3	15	301
E26830		<10	1	0.08	<10	2.07	706	<1	0.01	626	650	<2	0.01	2	13	99
E26831		<10	<1	0.04	<10	2.01	1115	<1	0.01	167	810	2	0.01	<2	17	176
E26832		<10	<1	0.18	10	1.23	844	<1	0.14	83	700	<2	0.46	<2	16	99
E26833		10	1	0.70	<10	1.36	320	<1	0.44	21	580	<2	0.83	<2	8	64
E26834		10	1	0.62	<10	0.94	257	<1	0.40	19	810	<2	0.42	<2	7	47
E26835		10	<1	0.55	<10	1.01	251	<1	0.36	16	690	5	0.26	<2	8	24
E26836		10	1	0.38	<10	0.92	358	<1	0.31	11	580	<2	0.42	<2	8	78
E26837		10	<1	0.03	<10	1.24	670	<1	0.19	13	630	5	0.82	<2	9	73
E26838		10	1	0.02	<10	0.21	513	<1	0.29	6	610	5	0.13	<2	3	502
E26839		10	1	0.77	<10	0.99	251	<1	0.43	11	580	7	0.25	<2	7	83
E26840		10	<1	0.72	<10	0.87	215	<1	0.42	9	630	5	0.25	3	7	120
E26841		10	<1	0.78	<10	1.33	426	<1	0.32	13	570	3	0.18	<2	9	72
E26842		<10	<1	0.01	<10	6.36	813	1	0.01	1440	490	4	0.35	11	7	81
E26843		<10	<1	0.01	<10	3.38	602	<1	0.01	947	100	3	0.65	<2	6	91
E26844		10	2	0.01	<10	6.62	1175	<1	0.01	747	430	7	0.09	2	12	99
E26845		<10	2	0.01	<10	5.51	1610	<1	0.01	1480	160	8	0.53	3	10	332
E26846		<10	1	0.03	<10	4.59	1150	<1	0.01	647	800	8	0.07	5	17	364
E26847		<10	<1	0.03	<10	5.87	1310	<1	0.01	1030	310	5	0.12	<2	17	526
E26848		<10	<1	0.02	<10	7.96	1210	<1	0.02	1385	160	2	0.40	4	12	462
E26849		<10	<1	0.04	<10	2.59	1625	<1	0.01	955	490	7	0.09	3	22	166
E26850		<10	1	0.11	<10	1.84	1345	<1	0.01	41	810	4	<0.01	2	25	169
E26851		10	1	0.53	<10	2.38	526	<1	0.39	36	450	8	0.81	<2	10	164
E26852		10	<1	0.44	<10	1.32	316	<1	0.24	46	520	4	0.58	<2	5	132
E26853		10	<1	0.46	<10	1.43	385	2	0.33	33	780	5	0.88	2	5	169
E26854		10	1	1.06	<10	2.83	432	<1	0.29	56	680	6	0.48	<2	9	114
E26855		10	1	0.49	10	2.55	721	2	0.14	19	1540	7	0.88	<2	12	81
E26856		10	<1	0.31	<10	2.64	784	<1	0.13	14	1360	6	1.44	<2	18	112
E26857		10	<1	0.20	10	1.24	1090	<1	0.03	19	660	7	0.05	2	12	158
E26858		10	<1	1.03	10	1.80	575	1	0.13	32	820	9	1.04	2	14	51
E26859		10	1	1.51	10	1.98	521	1	0.14	33	750	5	1.10	2	17	48
E26860		10	2	1.06	<10	2.03	539	<1	0.10	36	770	6	0.92	2	17	48
E26861		10	1	1.25	<10	2.10	447	1	0.21	39	980	8	1.33	<2	20	55
E26862		10	<1	1.11	<10	2.12	450	1	0.09	44	540	9	1.06	<2	14	23
E26863		10	1	1.03	<10	2.27	459	<1	0.08	45	580	6	0.65	<2	13	25
E26864		10	<1	1.40	<10	2.11	418	1	0.20	45	520	7	0.96	<2	16	140
E26865		10	1	1.48	<10	2.27	468	<1	0.16	47	520	7	0.86	<2	19	32
E26866		10	<1	0.93	10	1.66	362	2	0.14	38	440	8	1.24	<2	11	47

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Project: Ophira

CERTIFICATE OF ANALYSIS VA04074768

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Tl % 0.01	ME-ICP41 Ti ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
E26827		0.02	<10	<10	48	<10	48
E26828		<0.01	<10	<10	96	<10	108
E26829		0.01	<10	<10	110	<10	102
E26830		0.01	<10	<10	93	<10	87
E26831		<0.01	<10	<10	142	<10	103
E26832		0.05	<10	<10	106	<10	67
E26833		0.18	<10	10	149	<10	43
E26834		0.16	<10	10	136	<10	35
E26835		0.16	<10	<10	130	<10	64
E26836		0.22	<10	<10	138	<10	34
E26837		0.27	<10	<10	176	<10	46
E26838		0.16	<10	<10	49	<10	14
E26839		0.20	<10	<10	156	<10	41
E26840		0.21	<10	<10	156	<10	33
E26841		0.28	<10	<10	182	<10	52
E26842		0.01	<10	<10	24	<10	14
E26843		0.01	<10	<10	34	<10	16
E26844		0.02	<10	<10	100	<10	63
E26845		<0.01	<10	<10	42	<10	73
E26846		<0.01	<10	<10	156	<10	68
E26847		<0.01	<10	<10	91	<10	44
E26848		<0.01	<10	<10	43	<10	17
E26849		<0.01	<10	<10	112	<10	91
E26850		<0.01	<10	<10	170	<10	104
E26851		0.17	<10	<10	142	<10	64
E26852		0.15	<10	<10	84	<10	41
E26853		0.16	<10	<10	83	<10	44
E26854		0.16	<10	<10	152	<10	62
E26855		0.12	<10	<10	173	<10	73
E26856		0.09	<10	<10	222	<10	72
E26857		0.02	<10	<10	116	<10	78
E26858		0.14	<10	<10	184	<10	98
E26859		0.22	<10	<10	190	<10	99
E26860		0.26	<10	<10	291	<10	90
E26861		0.20	<10	<10	218	<10	91
E26862		0.19	<10	<10	190	<10	153
E26863		0.19	<10	<10	191	<10	152
E26864		0.21	<10	<10	211	<10	125
E26865		0.21	<10	<10	222	<10	142
E26866		0.12	<10	<10	138	<10	126

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Project: Ophira

CERTIFICATE OF ANALYSIS VA04074768

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
E26887		3.38	<0.005	0.3	2.52	3	<10	110	0.5	<2	0.59	2.2	13	49	63	3.81
131653		3.10	<0.005	<0.2	3.02	<2	<10	90	<0.5	<2	1.82	<0.5	14	20	64	2.82
131654		3.16	<0.005	<0.2	3.66	9	<10	120	<0.5	<2	2.54	<0.5	15	36	77	2.86
131655		2.74	<0.005	0.2	4.16	3	<10	170	<0.5	<2	3.61	<0.5	16	37	59	2.67
131656		4.52	<0.005	<0.2	3.64	2	<10	170	<0.5	<2	2.59	<0.5	14	40	38	3.07
131657		3.42	<0.005	<0.2	3.06	15	<10	110	<0.5	<2	1.54	<0.5	14	42	39	2.88
131658		2.94	<0.005	0.2	4.09	<2	<10	80	<0.5	<2	2.38	<0.5	11	54	36	2.26
131659		2.16	0.063	<0.2	4.42	10	<10	70	0.5	<2	2.67	<0.5	15	43	56	2.68
131660		2.62	0.007	<0.2	2.65	<2	<10	120	<0.5	<2	1.66	<0.5	13	46	37	2.58
131661		3.88	<0.005	0.4	2.36	10	<10	160	<0.5	<2	1.52	<0.5	12	35	37	2.47
131662		2.12	0.029	<0.2	1.16	1020	20	<10	<0.5	<2	1.50	<0.5	65	1165	31	3.80
131663		2.00	0.018	<0.2	1.21	959	10	10	<0.5	<2	3.13	<0.5	59	702	30	3.34
131664		1.52	0.044	<0.2	0.63	980	<10	20	<0.5	<2	8.64	<0.5	61	490	46	3.96
131665		1.46	0.030	<0.2	4.98	42	<10	320	0.5	<2	3.50	<0.5	23	174	9	3.57
131666		3.34	0.052	<0.2	2.59	1010	<10	20	<0.5	<2	5.56	<0.5	72	614	44	3.08
131666		0.44	<0.005	<0.2	1.58	32	<10	40	0.5	<2	5.24	<0.5	27	20	10	7.48
131669		0.66	<0.005	<0.2	0.92	38	<10	20	<0.5	<2	8.71	<0.5	18	63	11	4.50
131670		1.04	<0.005	0.2	5.04	11	<10	150	0.9	<2	1.32	<0.5	34	13	152	9.61
131671		3.26	0.089	<0.2	2.60	<2	<10	70	<0.5	<2	1.71	<0.5	25	23	89	4.61
131672		2.62	0.026	<0.2	2.72	9	<10	110	<0.5	<2	1.60	<0.5	29	40	106	5.34
131673		2.72	0.026	0.2	3.80	<2	<10	330	<0.5	<2	1.82	<0.5	25	34	81	4.97
131674		2.60	<0.005	<0.2	4.94	2	<10	710	<0.5	<2	1.94	<0.5	21	56	50	4.67
131675		2.78	<0.005	<0.2	2.73	<2	<10	730	<0.5	<2	1.12	<0.5	14	33	41	3.33
131676		4.24	<0.005	<0.2	3.26	2	<10	550	<0.5	<2	1.92	<0.5	17	42	38	4.26
131677		1.72	<0.005	<0.2	2.62	5	<10	160	<0.5	<2	2.26	0.6	12	64	47	2.08
131678		3.36	<0.005	<0.2	2.44	<2	<10	110	<0.5	<2	2.09	<0.5	13	100	87	2.06
131679		1.92	<0.005	0.3	2.11	52	20	40	<0.5	<2	2.22	<0.5	54	344	45	3.29
131680		2.26	0.007	<0.2	1.04	148	20	10	<0.5	<2	1.62	<0.5	87	649	188	3.79
131682		1.24	<0.005	<0.2	3.67	13	<10	20	<0.5	<2	3.79	<0.5	51	531	39	4.63
131683		1.90	0.048	<0.2	4.17	54	<10	20	<0.5	<2	4.21	<0.5	59	834	5	5.05
131684		3.76	<0.005	<0.2	2.98	17	<10	180	<0.5	<2	2.76	<0.5	29	80	39	4.99
131685		1.34	0.006	0.4	2.50	160	<10	20	<0.5	<2	5.58	<0.5	67	470	38	5.29
131686		2.86	0.021	0.2	3.66	496	<10	80	<0.5	<2	4.49	<0.5	45	150	21	6.16
131687		1.62	0.016	<0.2	2.32	304	<10	70	0.5	<2	7.61	0.6	49	266	73	5.96
131688		2.96	<0.005	0.3	3.62	21	<10	120	<0.5	<2	4.03	<0.5	36	71	100	6.58
131689		2.86	<0.005	0.2	4.07	29	<10	130	<0.5	<2	5.65	<0.5	36	74	58	5.17
131690		2.90	0.477	0.2	3.48	10	<10	100	<0.5	<2	8.14	<0.5	28	41	87	4.86
131691		3.20	1.460	0.2	1.87	7	<10	100	<0.5	<2	5.46	0.5	36	26	102	7.40
131692		2.84	0.250	0.2	3.16	<2	<10	100	<0.5	<2	3.57	<0.5	33	13	140	5.44
131693		3.12	0.022	<0.2	5.59	16	<10	120	<0.5	<2	3.96	<0.5	25	53	67	3.35

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CERTIFICATE OF ANALYSIS VA04074768

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
E29887		10	1	0.74	10	1.44	349	4	0.09	43	420	6	1.14	2	5	26
131653		10	1	0.35	<10	0.70	241	<1	0.03	11	750	7	0.13	<2	6	38
131654		10	<1	0.45	<10	0.87	278	<1	0.09	12	730	8	0.30	<2	7	65
131655		10	<1	0.56	<10	0.84	254	<1	0.08	10	670	5	0.28	<2	5	209
131656		10	<1	0.67	<10	1.04	373	<1	0.05	8	600	5	0.30	2	5	60
131657		10	<1	0.58	<10	0.99	246	<1	0.30	8	620	5	0.25	<2	5	38
131658		10	<1	0.45	<10	0.75	200	<1	0.43	8	560	8	0.15	<2	3	46
131659		10	2	0.32	<10	0.77	240	1	0.46	9	690	7	0.24	3	4	57
131660		10	<1	0.53	<10	0.83	209	<1	0.26	10	640	5	0.31	<2	4	54
131661		10	<1	0.49	<10	0.78	182	<1	0.22	7	530	6	0.32	3	4	50
131662		<10	1	<0.01	<10	11.10	684	<1	0.01	1150	20	5	0.11	7	21	44
131663		<10	<1	0.01	<10	8.42	760	<1	0.01	1275	50	4	0.29	6	6	118
131664		<10	2	0.02	<10	7.38	1325	<1	0.01	1140	60	7	0.49	3	11	329
131665		10	2	0.47	<10	3.04	488	<1	0.32	213	790	8	0.08	<2	8	397
131666		<10	1	0.01	<10	6.40	995	<1	0.01	1345	140	5	0.77	2	9	190
131668		<10	1	0.03	10	3.16	1130	<1	0.02	104	3090	4	0.04	<2	23	136
131669		<10	<1	0.01	<10	3.02	1230	<1	0.01	112	500	5	0.03	<2	11	167
131670		10	1	0.34	10	2.13	438	<1	0.01	29	810	12	0.05	2	26	71
131671		10	<1	0.22	<10	1.87	482	<1	0.17	18	660	5	0.71	<2	11	45
131672		10	<1	0.32	<10	1.94	585	<1	0.20	17	670	6	1.16	<2	14	45
131673		10	<1	1.18	<10	1.60	447	1	0.32	22	610	8	0.71	<2	11	76
131674		10	1	1.62	<10	1.88	513	1	0.42	14	630	10	0.29	<2	18	97
131675		10	1	0.92	<10	1.12	216	<1	0.27	9	550	6	0.26	3	9	68
131676		10	1	1.30	<10	1.38	427	1	0.30	9	720	4	0.41	<2	12	63
131677		10	1	0.42	<10	1.26	351	<1	0.28	40	500	3	0.03	2	6	75
131678		10	<1	0.26	<10	1.30	304	<1	0.28	50	530	3	0.07	<2	6	64
131679		<10	1	0.08	<10	7.55	505	<1	0.11	1005	270	5	0.25	2	7	74
131680		<10	<1	<0.01	<10	6.37	508	<1	0.02	942	20	6	0.51	10	9	39
131682		10	1	0.01	<10	8.60	745	<1	0.03	578	530	4	0.19	<2	10	64
131683		10	1	0.02	<10	7.37	1025	<1	0.02	840	660	7	0.02	<2	11	79
131684		10	2	0.23	<10	3.35	576	<1	0.15	101	1480	5	0.55	2	13	112
131685		10	<1	0.03	<10	5.76	973	<1	0.01	1165	410	9	0.76	<2	12	162
131686		10	1	0.28	<10	6.14	974	1	0.02	556	880	6	0.37	4	16	158
131687		10	1	0.14	<10	3.71	1515	<1	0.03	464	660	7	0.88	<2	21	241
131688		10	1	0.25	<10	3.89	979	<1	0.13	46	760	7	1.12	<2	25	147
131689		10	<1	0.25	<10	3.94	991	<1	0.16	60	530	9	0.52	<2	22	209
131690		10	2	0.35	<10	2.48	1225	<1	0.23	37	610	7	0.97	<2	10	311
131691		10	<1	0.16	10	2.90	1340	<1	0.10	30	1240	6	0.97	<2	25	233
131692		10	<1	0.21	<10	1.40	603	<1	0.36	14	1220	7	1.82	<2	8	161
131693		10	2	0.29	<10	1.72	408	<1	0.43	40	560	6	0.76	<2	8	247

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CERTIFICATE OF ANALYSIS VA04074768

Sample Description	Method / Analyte / Units / Lor	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
E29867		0.08	<10	<10	148	<10	251
131653		0.16	<10	<10	126	<10	37
131654		0.17	<10	<10	124	<10	38
131655		0.15	<10	<10	102	<10	34
131656		0.15	<10	<10	100	<10	42
131657		0.15	<10	<10	100	<10	39
131658		0.13	<10	<10	76	<10	32
131659		0.17	<10	<10	81	<10	32
131660		0.17	<10	<10	87	<10	33
131661		0.15	<10	<10	94	<10	33
131662		0.01	<10	<10	76	<10	23
131663		0.01	<10	<10	43	<10	15
131664		<0.01	<10	<10	35	<10	25
131665		0.10	<10	<10	110	<10	30
131666		0.01	<10	<10	74	<10	22
131668		0.01	<10	<10	184	<10	114
131669		<0.01	<10	<10	96	<10	45
131670		0.02	<10	<10	242	<10	123
131671		0.24	<10	<10	191	<10	63
131672		0.26	<10	<10	211	<10	67
131673		0.25	<10	<10	200	<10	64
131674		0.29	<10	<10	201	<10	66
131675		0.19	<10	<10	138	<10	44
131676		0.24	<10	<10	160	<10	59
131677		0.19	<10	<10	89	<10	43
131678		0.15	<10	<10	81	<10	26
131679		0.06	<10	<10	39	<10	20
131680		0.02	<10	<10	64	<10	15
131682		0.04	<10	<10	110	<10	25
131683		0.02	<10	<10	112	<10	42
131684		0.14	<10	<10	166	<10	40
131685		0.01	<10	<10	105	<10	35
131686		0.04	10	<10	188	<10	65
131687		0.01	<10	<10	154	<10	107
131688		0.04	<10	<10	249	<10	84
131689		0.05	<10	<10	218	<10	80
131690		0.16	<10	<10	158	<10	75
131691		0.02	<10	<10	220	<10	106
131692		0.14	<10	<10	128	<10	46
131693		0.13	<10	<10	98	<10	37

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CERTIFICATE OF ANALYSIS VA04074768

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
131694		2.74	0.013	<0.2	3.18	9	<10	130	<0.5	<2	3.10	<0.5	29	83	59	4.39
131695		3.06	<0.005	0.2	3.20	<2	<10	60	<0.5	<2	2.76	<0.5	25	46	86	3.62
131696		3.00	0.009	<0.2	3.33	<2	<10	70	<0.5	<2	3.11	<0.5	25	71	91	3.26
131697		2.66	<0.005	<0.2	5.84	5	<10	150	<0.5	<2	3.29	<0.5	37	57	134	4.56
131698		3.08	0.052	<0.2	5.45	32	<10	100	<0.5	<2	4.70	<0.5	36	98	143	4.34

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CERTIFICATE OF ANALYSIS VA04074768

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
131694		10	2	0.31	<10	1.63	518	<1	0.20	55	1000	5	1.18	<2	10	133
131695		10	1	0.12	<10	1.26	337	<1	0.34	31	1360	4	1.09	<2	6	146
131696		10	<1	0.16	<10	1.26	400	<1	0.30	27	970	4	1.00	2	5	180
131697		10	1	0.34	<10	2.41	435	<1	0.40	56	200	5	1.20	<2	8	284
131698		10	<1	0.16	<10	2.56	657	<1	0.22	45	250	5	1.04	<2	9	246

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VANCOUVER BC V6B 4N7

Finalized Date: 2-NOV-2004
Account: SINPAC

CERTIFICATE VA04075580

Project: Ophira

P.O. No.:

This report is for 6 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 29-OCT-2004.

The following have access to data associated with this certificate:

J.L. LINDINGER	OFFICE MANAGER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	34 Element Aqua Regia ICP-AES	ICP-AES
ME-ICP61	27 element four acid ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

To: **SINO PACIFIC DEVELOPMENTS LTD.**
ATTN: J.L. LINDINGER
879 MCQUEEN DRIVE
KAMLOOPS BC V2B 7X8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

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To: SINO PACIFIC DEVELOPMENTS LTD.
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CERTIFICATE OF ANALYSIS VA04075580

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
131651		2.62	0.017	<0.2	0.81	20	<10	30	<0.5	<2	7.16	<0.5	31	82	37	5.07
131652		2.58	0.011	<0.2	3.19	10	<10	80	0.7	<2	1.24	<0.5	30	19	80	7.62
131667		2.10	0.073	0.2	0.18	982	<10	20	<0.5	<2	11.85	<0.5	88	303	54	3.93
131681		0.74	0.007													
131699		0.62	0.017	0.2	1.08	76	<10	40	0.7	<2	7.01	<0.5	30	101	67	3.29
131700		3.68	0.009	0.2	0.38	30	<10	300	<0.5	<2	9.97	<0.5	20	83	33	4.62

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CERTIFICATE OF ANALYSIS VA04075580

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
131651		<10	<1	0.04	<10	1.76	1115	1	0.01	79	430	2	0.01	2	31	273
131652		10	1	0.20	<10	1.26	501	<1	0.05	27	630	4	0.34	<2	25	73
131667		<10	<1	0.01	<10	3.83	1610	<1	0.02	1375	40	2	0.12	5	8	388
131681																
131699		<10	<1	0.10	10	0.79	764	1	0.01	96	490	2	0.05	<2	23	65
131700		<10	<1	0.03	<10	3.61	1560	1	0.02	44	270	2	0.15	10	20	403

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CERTIFICATE OF ANALYSIS VA04075580

Sample Description	Method Analyte Units LOR	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1
131651		<0.01	<10	<10	146	<10	90									
131652		0.01	<10	<10	185	<10	55									
131667		<0.01	<10	10	27	<10	59									
131681								<0.5	1.22	364	30	<0.5	<2	10.25	<0.5	72
131699		<0.01	<10	<10	116	<10	100									
131700		<0.01	<10	<10	93	<10	49									

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Project: Ophira

CERTIFICATE OF ANALYSIS VA04075580

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 K % 0.01	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sr ppm 1	ME-ICP61 Ti % 0.01
131651 131652 131667 131681 131699		1385	81	4.16	0.02	11.02	1330	1	0.08	1250	30	4	0.01	34	308	0.03
131700																

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CERTIFICATE OF ANALYSIS VA04075580

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
131651 131652 131667 131681 131699		61	<10	39
131700				

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Finalized Date: 1-NOV-2004
Account: SINPAC

CERTIFICATE VA04075581

Project: Ophira

P.O. No.:

This report is for 5 Sludge samples submitted to our lab in Vancouver, BC, Canada on 29-OCT-2004.

The following have access to data associated with this certificate:

J.L. LINDINGER	OFFICE MANAGER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	34 Element Aqua Regia ICP-AES	ICP-AES

To: **SINO PACIFIC DEVELOPMENTS LTD.**
ATTN: J.L. LINDINGER
879 MCQUEEN DRIVE
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Signature:

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CERTIFICATE OF ANALYSIS VA04075581

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
126-127		0.12	<0.005	1.0	3.26	72	10	100	<0.5	<2	5.18	<0.5	33	297	71	3.79
127-137		0.45	0.005	0.2	2.90	122	10	30	<0.5	<2	4.23	<0.5	46	667	46	4.25
137-147		0.12	0.019	2.8	3.06	201	<10	100	<0.5	<2	5.25	<0.5	68	258	87	6.60
147-157		0.06	0.065	2.8	1.92	167	<10	70	<0.5	<2	8.19	<0.5	41	190	71	5.07
157-167		0.02	NSS	2.0	2.76	132	<10	180	<0.5	<2	8.12	<0.5	57	151	184	5.86

Comments: NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA04075581

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
120-127		10	<1	0.09	<10	6.01	657	1	0.20	569	310	<2	0.02	3	10	347
127-137		10	<1	0.02	<10	8.10	600	1	0.01	729	430	<2	0.01	5	10	217
137-147		<10	<1	0.19	<10	6.55	945	3	0.05	676	820	<2	1.20	4	10	380
147-157		<10	1	0.14	<10	5.08	1230	3	0.04	389	480	4	0.28	4	15	285
157-167		10	1	0.23	10	6.53	1035	11	0.04	368	1310	8	0.26	4	14	210

Comments: NSS is non-sufficient sample

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CERTIFICATE OF ANALYSIS VA04075581

Sample Description	Method Analyte Units LOR	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
120-127		0.06	<10	<10	59	10	28
127-137		0.01	<10	<10	62	<10	22
137-147		0.02	<10	<10	130	10	54
147-157		0.02	<10	<10	86	10	80
157-167		0.04	<10	<10	97	10	102

comments: NSS is non-sufficient sample

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Project: Ophira

CERTIFICATE OF ANALYSIS VA04076295

Sample Description	Method Analyte Units LOR	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001
127-137		0.023	<0.005	0.004

Appendix 6
Diamond Drill Logs (J.E.L. Lindinger, P.Geo.)

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SINO PACIFIC DEVELOPMENTS LTD. DIAMOND DRILL LOG — *DDH-OP-04-01*

Meters FROM	Meters TO		% REC.	STRUC-TURE	ANGLE FR. C.A.	CODE				ASSAYS SAMP#	FROM	TO	WIDTH	ESTIMATED TRUE WIDTH	Au ppm	As ppm
		TESTS	BRG.	TUBE<	TRUE<											
		0	290	-50	-42											
		45.7	290	-51	-43											
0.0	4.1		0			CAS	CASING -NO RECOVERY									
		3.65-4.1	25			CAS	CASING AND BOULDERS OF GABBRO									
4.1	21.8	4.1-4.4	80			UM	ULTRAMAFIC - Medium grey mottled erratically textured fine grained altered gabbro with 5 to locally 40% interstitial fine grained plagioclase in grey altered pyroxene. No free quartz or olivine noted.	Local albite-quartz? veining as ragged discontinuous multioriented usually discontinuous veins within dark grey "pyroxenite" overprinted by moderate but complete often shear associated talcose alteration. Alteration fronts can be non structural.	Local weak magnetite							
		4.4 - 6.25	95					Semi-ductile slip planes common - 25 to 65° TCA. Occasional late calcite fracture veins at low core angles with open voids.								
		6.25-7.9	90													
		7.9-8.9	35													
		8.9-9.75	98													
		9.75-10.35	120													
		10.35-11.0	65													
		11.0-13.0	95													
		13.0-13.55	25													
		13.55-14.3	40													
		14.3-15.4	65													
		15.4-17.1	90	fault	26		Gougy fault - @15.8 m.									
		17.1-17.7	95													
		17.7-18.0	50													
		18.0-19.05	99													
		19.05-20.1	70				19.2-19.3 listwanite zone ~38° TCA									
		20.1-21.3	97	shear	45+/-5		20 cm shear-@20.9 m.	Clay gouge with green chloritic alteration.								
				Bx vein	55+/-7			20.9-21.0- Ankeritic altered breccia and vein zone. With milled listwanite altered wallrock fragments.								
				fault	48		21.8 upper faulted contact of hydrothermal-shear brecciazone.			E	26827	20.7	21.7	1.0	0.7	0.075	797
21.8	27.3	21.3-23.15	92			HBX	HYDROTHERMALLY BRECCIATED SHEAR ZONE. Tan weathered heterogeneous brecciated ultramafic and dolomite-ankerite vein zone. Numerous open weathered vugs and voids. Fresh surfaces are hard, brittle with green chrome mica in pale tan ankerite? altered rock.	Strong pervasive ankeritic? alteration with later milled hydrobrecciated rock (locally strongly silicified)	Strong limonite indicating possible weathered sulphides.	E	26828	21.7	23.15	1.5	1.0	0.034	634
		23.15-25.1	90							E	26829	23.15	25.1	2.0	1.4	0.019	322
		25.1-25.75	20				27.2 - 27.45 possible bleached and ankerite-silicified "BASALT"			E	26830	25.1	25.75	0.6	0.5	0.008	183
		25.75-27.6	98				Broken core at contact			E	26831	25.75	27	1.3	0.9	<0.005	78
27.3	45.7			bedding	45+/-10	BAS	BASALT Very dark grey massive fine grained to occasionally laminated very fine grained intermediate volcanic. VERY hard, with sub choncoidal fracture.	2+ generations of very fine dolomite? quartz veining. earliest are deformed. Trace fine grained magnetite.	Dark brown limonite staining on late fractures.	E	26832	27	28	1.0	0.7	<0.005	44
		27.6-28	70							E	26833	28	29.6	1.6	1.1	<0.005	9
		28-28.35	110						29.55 weak stockwork pyrrhotite with rare trace chalcopyrite veinlets in grey bleached wallrock. ~2% pyrrhotite over 10 cm.	E	26834	29.6	29.9	0.3	0.2	<0.005	8

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							DDH-OP-04-01 PAGE 2											
		28.35-31.1	90							E	26835	29.9	31.1	1.2	0.8	<0.005	6
		31.1-31.7	99	bedding	45+/-10		32.0 to 45.7 flow and possible pillow textures with occasional pepperite	36.0-38.2 weak bleaching accompanied by dolomite and later calcite veining associated with shear from 37.1 to 37.7 m.	32.0 - 36.4 Trace fine grained disseminated pyrrhotite associated with weak calcite-chlorite veinlets and tension gashes. Trace to locally 1% fine grained platy marcasite? and pyrite on late chlorite lined planar fractures.	E	26836	35.3	36.3	1.0	0.7	0.021	2
		31.7-34.75	95	95					36.4 to 37.1 Late weak 2-5 mm thick tension stockwork quartz-calcite with ~10% vein pyrrhotite and trace chalcopyrite. Veining 0-30° TCA. Total sulphides ~2% of rock.	E	26837	36.3	37.2	0.9	0.6	0.274	<2
		34.75-37.8	97							E	26838	37.2	38.2	1.0	0.7	0.005	<2
		37.8-39.3	100							E	26839	41.2	42.2	1.0	0.7	<0.005	4
		39.3-45.7	100					41.0 - 44.2 weak to moderate biotite alteration of mafic component of fine grain -plagioclase porphyritic flow? calcite-chlorite veining 2+ generations have albite?? bleached selvages~1-3 times vein width.	42.2-42.6 ~0.5% fine grained pyrrhotite within chlorite-biotite-calcite breccia veins.	E	26840	42.2	42.7	0.5	0.4	<0.005	<2
										E	26841	42.7	43.7	1.0	0.7	0.02	4

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							DDH-OP-04-02 PAGE 2									
19.8	22.1	19.8-21.65	97			BAS	DARK GREY BASALT - Massive microcrystalline to fine grained hornblende or pyroxene porphyritic rock.	Unit has ~4-7% white arcuate, curviplanar and en echelon tension quartz veins with diffuse wallrock contacts.								
		21.65-22.1	75				Broken core									
							Contact - ~20° TCA. faulted									
22.1	24.0	22.1 - 23.15	95			UM	ULTRAMAFIC - Dark to medium grey mottled erratically textured fine grained altered gabbro with 5 to locally 40% interstitial fine grained plagioclase in grey altered pyroxene. Intensely altered shears are pale talcose zones.	Weak dark grey to often pale grey green strongly talcose alteration. occasional planar soft gougy talc "veins" at low core angles.	Local weak magnetite							
		23.15-25.6	88				23.2 - 23.65 - sheared rock ~20° TCA									
24.0	26.3	25.6 - 28.65	95			BAS	DARK GREY BASALT - Massive microcrystalline to very fine grained hornblende or pyroxene porphyritic rock.	Rare white arcuate, curviplanar and en echelon tension quartz veins with diffuse wallrock contacts.								
								25.1 - 7 cm thick chalcedonic appearing silicified shear.								
								25.6 - 26.0 - Hydrous alteration with strong chloritization of rock.								
							Fault contact - 58° TCA.									
26.3	32.2	28.65-31.1	105			UM	ULTRAMAFIC - Dark to medium grey mottled erratically textured fine grained altered gabbro with 5 to locally 40% interstitial fine grained plagioclase in grey altered pyroxene. Intensely altered shears are pale talcose zones.	Weak dark grey to often pale grey green strongly talcose alteration. occasional planar soft gougy talc "veins" at low core angles.	Local weak magnetite	E26842	27.75	28.75	1	0.5	0.064	1485
								28.8 - 30.9 white dolomite with minor quartz veining ~10° +/-10 ° TCA. Veins vary in style (shear and tension) and orientation, and are often oxidized to crumbly limonitic gouge due to sulphide weathering.	28.8 - 35 Trace medium grain pyrrhotite in quartz-dolomite shear and tension veins and breccias.	E26843	28.75	30.9	2.15	1.1	0.046	550
		31.1-32.9	75					30.9 - 32.2 increasing sheared texture ~25° TCA		E26844	30.9	32.2	1.3	0.7	0.099	266
32.2	45.5	32.9 - 35.05	80	shear-Bx	25+/-5	HBX	HYDROTHERMALLY BRECCIATED SHEAR ZONE. Tan weathered heterogeneous brecciated ultramafic and dolomite-ankerite vein zone. Numerous open weathered vugs and voids. Fresh surfaces are hard, brittle with green chrome mica in pale tan ankerite? altered rock.	Moderately to strongly bleached and silicified and locally weakly altered rock with local strong hydrobrecciation and silicification. Local milky white dolomite with minor to dominant quartz veined and brecciated rock.	Moderate to often strong limonitic staining of rock and oxidized vugs suggesting weathered disseminated sulphides.	E26845	32.2	33.1	0.9	0.4	0.051	429
										E26846	33.1	35.1	2	1.0	0.019	389
		35.05 - 37.8	97							E26847	35.1	36.6	1.5	0.8	0.009	184
									37.0 - 45.5 Strong limonite staining indicating possible weathered sulphides.	E26848	36.6	38.1	1.5	0.8	0.058	140
		37.8 - 39.3	94					38.0 to 40.6 - Increasing intensity of silicification and carbonate flooding. Rock becoming brittle and bleached.		E26849	38.1	39.6	1.5	0.8	0.032	430
		39.3 - 41.75	85							E26850	39.6	41.75	2.15	1.1	0.006	42
								40.6 to 43.2 m. Silicification with local multiepisodic quartz breccia veining increasing in intensity down hole to end of interval.		131651	41.75	43.6	1.85	0.9	0.017	20
		41.75 - 43.6	83													
		43.6 - 44.65	90							131652	43.6	45.6	2	1.0	0.011	10
		44.65 - 45.4	90													
		45.4 - 45.9	97													
							Broken core at contact									

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							DDH-OP-04-02 PAGE 3									
45.5	48.7	45.9 - 46.9	99	bedding	25+/-10	BAS	BASALT Very dark grey massive fine grained to occasionally laminated very fine grained intermediate volcanic. VERY hard, with sub choncoidal fracture.	2+ generations of very fine dolomite? quartz veining, earliest are deformed. Trace fine grained magnetite.	45.45 - 48.8 Dark brown limonite staining on late fractures.	131653	45.6	47.15	1.55	0.8	<0.005	<2
		46.9 - 48.0	99					Weakly silicified with numerous chlorite-carbonate+/-quartz+/-pyrrhotite (limonitic when weathered) early slightly deformed and later planar fracture veins.	Trace to locally 1% pyrrhotite with rare trace chalcopyrite in quartz veins.	131654	47.15	49	1.85	0.9	<0.005	9
		48.0 - 48.8	98				Broken core at contact			131655	49	50.45	1.45	0.7	<0.005	3
48.7	61.0	48.8 - 50.45	99	Bedding	25+/-10	MFTF	MAFIC SUBAQUEOUS TUFF. Dark grey-blue crowded pyroxene rich phaneritic rock Split textures indicate subaqueous bedded and occasionally laminated fabric.	48.7 - 56.0 Very hard and brittle due to moderately to strongly pervasive silicification with 2+ generations of quartz veining, earliest are deformed.	Trace sporadically disseminated magnetite. Trace to locally 1% pyrrhotite with rare trace chalcopyrite in quartz veins. Trace to 1% pyrite in late planar fracture veins.	131656	50.45	53.0	2.55	1.3	<0.005	2
								56.0 - 61.0 slightly less silicified but with minor quartz lined open spaced brittle fractures	Trace pyrite and rare pyrrhotite disseminated in quartz veins.	131657	53.0	54.5	1.5	0.8	<0.005	15
		50.45 - 53.3	95	95						131658	54.5	56.0	1.5	0.8	<0.005	<2
		53.3 - 56.0	97							131659	56.0	57.5	1.5	0.8	0.063	10
		56.0-61.0	100							131660	57.5	59.0	1.5	0.8	0.007	<2
							61.0 END OF HOLE			131661	59.0	61.0	2	1.0	<0.005	10

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SINO PACIFIC DEVELOPMENTS LTD. *DDH-OP-04-03*

Meters FROM	Meters TO		% REC.	ANGLE STRUC-TURE	ANGLE FR. C.A.		GEOLOGICAL DESCRIPTION	ALTERATION AND VEINING	MINERALIZATION	ASSAYS SAMP#	FROM	TO	WIDTH	ESTIMATED TRUE WIDTH	Au ppm	As ppm
		TESTS	0		TRUE<											
			29.9		72											
			84.4	76	71											
			290	73	67											
0.0	2.1		0			CAS	CASING -NO RECOVERY									
		1.9 - 3.1	25			CAS	CASING INTO ULTRAMAFIC.									
1.9	37.9	1.9 - 8.7	95			UM-BAS	INTERBEDDED ULTRAMAFIC AND DARK GREY BASALT Dark to medium grey mottled erratically textured fine grained altered gabbro with 5 to locally 40% interstitial fine grained plagioclase in grey altered pyroxene. Intensly altered shears are pale talcose zones. Basalt or andesite is a fine grained rock with possible relict fragmental textures.	Local albite-quartz? veining as ragged discontinuous multioriented usually discontinuous veins within dark grey "pyroxenite" overprinted by moderate but complete often shear associated talcose alteration. Alteration fronts can be non structural. Basalt has pervasive calcite alteration with chloritically altered mafic minerals.	Local weak magnetite							
							Broken and lost core at contact									
37.9	41.6	37.9-41.6	30			STK	CARBONATE FLOOD AND STOCKWORK ZONE -	locally strong carbonate stockwork veining with associated moderate to weak carbonate altered wallrock.	weakly mineralized (no visible pyrrhotite or pyrite) in veining or wallrock.	120-127	36.58	38.71	2.13	0.75	1	72
41.6	60.0					UM-BAS	INTERBEDDED ULTRAMAFIC AND DARK GREY BASALT Dark to medium grey mottled erratically textured fine grained altered gabbro with 5 to locally 40% interstitial fine grained plagioclase in grey altered pyroxene. Intensly altered shears are pale talcose zones. Basalt or andesite is a fine grained rock with possible relict fragmental textures.	Local albite-quartz? veining as ragged discontinuous multioriented usually discontinuous veins within dark grey "pyroxenite" overprinted by moderate but complete often shear associated talcose alteration. Alteration fronts can be non structural. Basalt has pervasive calcite alteration with chloritically altered mafic minerals. Weak to locally strong carbonate flooding associated with carbonate veining.	Local weak magnetite	127-137	38.71	41.76	3.05	1.07	8	122
										137-147	41.76	44.81	3.05	1.07	19	201
										147-157	44.81	47.85	3.05	1.07	65	167
										157-167	47.85	50.90	3.05	1.07	NSS	132
60.0	63.4					HBX	CARBONATE FLOOD AND STOCKWORK ZONE -	locally strong carbonate stockwork veining with associated moderate to weak carbonate altered wallrock.	weakly mineralized (no visible pyrrhotite or pyrite) in veining or wallrock.							
							gradational contact									
63.4	70.1					BAS	INTERBEDDED ULTRAMAFIC AND DARK GREY BASALT Dark to medium grey mottled erratically textured fine grained altered gabbro with 5 to locally 40% interstitial fine grained plagioclase in grey altered pyroxene. Intensly altered shears are pale talcose zones. Basalt or andesite is a fine grained rock with possible relict fragmental textures.	Local albite-quartz? veining as ragged discontinuous multioriented usually discontinuous veins within dark grey "pyroxenite" overprinted by moderate but complete often shear associated talcose alteration. Alteration fronts can be non structural. Basalt has pervasive calcite alteration with chloritically altered mafic minerals. Weak to locally strong carbonate flooding associated with carbonate veining.	Local weak magnetite							
							Faulted Contact ~65° TCA									
70.1	74.5					HBX	HYDROTHERMALLY BRECCIATED SHEAR ZONE. Tan weathered heterogenous brecciated ultramafic and dolomite-ankerite vein zone. Numerous open weathered vugs and voids. Fresh surfaces are hard, brittle with green chrome mica in pale tan ankerite? altered rock.	Moderately to strongly bleached with locally weakly altered rock with local strong hydrobrecciation and carbonate alteration. Local milky white dolomite with minor to dominant quartz veined and brecciated rock.	No sulphides noted, zone is weaker than in hole 2.							
							gradational contact									
74.5	85.3					BAS	ANDESITE Very dark grey massive fine grained to occasionally laminated very fine grained intermediate volcanic. VERY hard, with sub choncoidal fracture.	2+ generations of very fine dolomite? quartz veining. earliest are deformed. Trace fine grained magnetite.	Local weak magnetite							
							85.3 EOH									

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SINO PACIFIC DEVELOPMENTS LTD.							*DDH-OP-04-04*											
Meters	Meters		%		ANGLE				MINERALIZATION	ASSAYS						Au	As
FROM	TO		REC.	STRUC-TURE	FR. C.A.		GEOLOGICAL DESCRIPTION	ALTERATION AND VEINING		SAMP#	FROM	TO	WIDTH	ESTIMATED TRUE WIDTH	ppm	ppm
		TESTS	BRG.	TUBE<	TRUE<												
		0	275	-53	-45.5												
		36.0	275	-49	-42												
0.00	1.60		0			CAS	CASING -NO RECOVERY										
1.60	7.30	1.6 - 2.7	85			BAS	CASING INTO "BASALT"										
		2.7 - 3.95	99				DARK GREY BASALT - Fine grained rock with possible relict fragmental textures. Locally feldspar porphyritic with possible milky quartz filled amygdules or anhedral coarse plagioclase. Bedding? nearly 90O TCA.	Weakly silicified with at least 2 generations of milky white quartz veining, both fabric parallel and cross cutting coeval and later planar cross cutting sheeted veins ~25° TCA									
		3.95 - 5.9	98														
		5.9 - 6.8	99														
		6.8 - 7.3	0				Faulted contact - lost core.										
7.30	18.45	7.3 - 7.6	100			UM	ULTRAMAFIC - Dark grey green mottled erratically textured fine grained altered gabbro with 5 to locally 40% interstitial fine grained altered plagioclase in grey altered pyroxene. Rock is soft and talcose. Shears are paler talcose zones.	Local white dolomite? veining as ragged cross cutting multioriented within "pyroxenite" overprinted by moderate but complete often shear associated talcose alteration. Alteration fronts can be non structural.	Veined fractures are weakly limonitic indicating possible weak sulphide mineralization.								
		7.6 - 10.65	99.5				8.2 . 8.4 "andesite" knocker. sheared contact ~45° TCA at upper and lower contacts but ~90° strike difference.										
		10.65 - 11.6	50				Moderate calcite tension veins										
		11.6 - 11.9	65														
		11.9 - 12.8	0				Talcy clay gouge - no recovery	intense clay alteration									
		12.8 - 13.55	35				Talcy clay gouge grading to better core	intense clay alteration									
		13.55 - 14.15	95														
		14.15 - 14.6	70				Moderate calcite tension veins										
		14.6 - 16.75	100					15.2 center of ~30 cm silicified zone. slight bleaching and significant increase in hardness.		131662	16.2	17.2	1.0	0.7	0.029	1020
		16.75 - 17.8	98					17.2 - 17.4 Open space brittle fractures with black and tan oxide staining in weakly carbonate altered rock host dark limonitic gouge. possible sulphide of oxidized carbonate vein.	17.2 - 17.4 FeOx clay gouge may indicate weathered sulphides.	131663	17.2	18.4	1.2	0.8	0.018	959
							Sheared and silicified contact. 42° TCA										
18.45	19.10	17.8 - 19.35	98			HBX	SILICEOUS HYDROTHERMAL BRECCIA Pale grey hard bleached intensely sheared, hydrobrecciated and quartz-carbonate veined ultramafic rock.	Strong to intense silicification of wallrock shears and multiepisodic vein fragments. Dominant fabric is ~45°(+/-30) TCA	Dark dusty grey quartz veins within sheared and silicified wallrock may host microscopic sulphides.	131664	18.4	19.2	0.8	0.6	0.044	680
		19.35 - 19.65	40				Sheared and silicified contact. 48° TCA										
19.10	19..55	19.1				UM	ULTRAMAFIC - Medium grey mottled erratically textured fine grained altered gabbro. Intensely altered shears are pale talcose zones.	Strongly clay altered		131665	19.2	21.5	2.3	1.6	0.03	42
							Sheared clay altered contact										
19.55	20.50					BAS	DARK GREY BASALT - Fine grained rock with possible relict primary fragmental textures.	Moderately to strongly silicified with local quartz flooding with pale grey quartz flood veins. wallrock also appears weakly sericitized.	Limonitic coatings on weathered fractures may indicate oxidized sulphides. Fractures ~35° TCA.								

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							DDH-OP-04-04 PAGE 2										
20.50	21.50	20.5 - 21.5	35			HBX	CLAY ALTERED HYDROBRECCIA ZONE. Ultramafic host rock occurring only as less than 1.5 cm diameter clay altered fragments.	Intense clay alteration overprinting strongly sheared and hydrobrecciated ultramafic host rock.	Strong limonitic content suggests possible moderate sulphide mineralization.								
21.50	22.90	21.5 - 23.4	95			UM	ULTRAMAFIC - Dark grey green pyroxene? porphyry to pale grey strongly clay altered ductiley sheared rock.	Local albite-quartz? veining as ragged discontinuous multioriented usually discontinuous veins within dark grey "pyroxenite" overprinted by moderate but complete often shear associated talcose alteration. Alteration fronts can be non structural.	Local weak magnetite	131666	21.5	23.4	1.9	1.3	0.092	1010
							intrusive contact - sheared? ~75° TCA										
22.90	23.20		100			DIO	GREY FINE GRAINED DIORITE. Grey very fine grained quartz-feldspar dominant intrusive with up to 5% fine grained chlorite altered mafic minerals. Heterogeneous textures with swirling flow bands and clay altered partially assimilated ultramafic fragments.	Marginal zones with ultramafic host and wallrock fragments are clay altered.									
			100				Isoclinally folded flow banded intrusive contact with partially assimilated ultramafic wallrock fragments.										
23.20	23.40		90			UM	ULTRAMAFIC - Strongly carbonate altered with green talcose groundmass cross cute by white carbonate veining and flooding.										
23.40	24.60		96			HBX	CARBONATE-QUARTZ FLOOD AND BRECCIA ZONE. Milky white silicified dolomite (albite??) with grey siliceous cores as flood textured veins (displaying assimilation of wallrock vs. tension fillings textures). Numerous late voids with natrolite crystals.	Intense carbonate (dolomite?) flooding with local strong silica overprint.	Black malachite stained when oxidized black dark brown-black streaking crystals and zones that may be tetrahedrite or tenantite.	131667	23.4	24.6	1.2	0.8	0.073	982
								20 cm intense silicification and minor crackle brecciation centered at 23.9 m									
							Planar veined contact - 33° TCA.										
24.60	25.00		80	sheared	~25+/-10	BAS	GREY VOLCANIC Medium grey very fine grained massive andesitic volcanic.	Strongly bleached and clay altered with moderate pervasive silicification increasing downhole.		131668	24.6	25	0.4	0.3	<0.005	32
							gradational contact. 38° TCA										
25.00	25.60		99			HBX	CARBONATE-SILICA FLOODING HYDROTHERMALLY BRECCIA ZONE. Tan weathered white to pale grey silica-carbonate flooding. Increasing clay alteration at lower contact.	Strongly bleached and silicified and locally weakly altered rock with local strong hydrobrecciation. Late hairline cross cutting late weathered carbonate fractures.	Possible very fine grained sulphides within silicified zones.	131669	25	25.6	0.6	0.4	<0.005	38
25.60	26.40		75			UM	ULTRAMAFIC - dark grey green soft talcose fine grained mottled rock. Local poor core recovery.	Strong fracture controlled clay alteration. late stage brittle wrench fracturing common.		131670	25.6	26.4	0.8	0.6	<0.005	11
							fractured contact ~35° TCA										
26.40	35.95					BAS	BASALT Very dark grey massive fine grained to occasionally laminated very fine grained intermediate volcanic. VERY hard, with sub choncoidal fracture.	Weakly silicified with common chlorite-carbonate+/-quartz+/-pyrrhotite (limonitic when weathered) early slightly deformed and later planar fracture veins. Erratically occurring secondary biotite locally common.	Trace to locally 1% pyrrhotite with rare trace chalcopyrite in quartz veins.	131671	26.4	27.9	1.5	1.1	0.089	<2
										131672	27.9	29.4	1.5	1.1	0.026	9
							36.0 END OF HOLE			131673	29.4	30.9	1.5	1.1	0.026	<2
										131674	30.9	32.4	1.5	1.1	<0.005	2
										131675	31.4	33.9	2.5	1.8	<0.005	<2
										131676	33.9	36.0	2.1	1.4	<0.005	2

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SINO PACIFIC DEVELOPMENTS LTD. *DDH-OP-04-05*

Meters FROM	Meters TO		% REC. BRG.	ANGLE STRUCTURE TUBE	ANGLE FR. C.A. TRUE	GEO CODE	LITHOLOGY	ALTERATION AND VEINING	MINERALIZATION	ASSAYS SAMP#	FROM	TO	WIDTH	ESTIMATED TRUE WIDTH	Au ppm	As ppm
		TESTS														
		35.7	275	-77	-72											
		75.3	275	-75	-70											
0.0	0.8		0			CAS	CASING -NO RECOVERY									
0.8	8.4	0.8 - 1.5	80			BAS	CASING INTO "ANDESITE"			131677	5.5	6.5	1	0.5	<0.005	5
		1.5 - 3.1	99				DARK GREY ANDESITE - Fine grained rock with possible relict fragmental textures. Locally feldspar porphyritic with possible milky quartz filled amygdules or anhedral coarse plagioclase. Bedding? nearly 90° TCA.	Local weak to moderate finely disseminated secondary brown biotite. Weakly silicified with at least 2 generations of milky white quartz veining, both fabric parallel and cross cutting coeval and later planar cross cutting sheeted veins ~5 and 70 ° TCA	6.5 - 8.1 Trace to locally 0.3% fine grained vein fracture associated pyrrhotite and rare traces of chalcopyrite in planar grey semi translucent quartz veins.	131678	6.5	8.1	1.6	0.8		
		3.1 - 3.65	98												<0.005	<2
		3.65 - 4.6	25				Ground ultramafic zone			131679	8.1	9.1	1	0.5	<0.005	52
		4.6 - 6.4	80													
		6.4 - 7.9	100													
							Faulted contact - lost core.									
8.4	13.8	7.9 - 8.55	100			UM	ULTRAMAFIC - Dark grey green mottled erratically textured fine grained altered gabbro with 5 to locally 40% interstitial fine grained altered plagioclase in grey altered pyroxene. Rock is soft and talcose. Shears are paler talcose zones.	Rare white dolomite-talc? veining as ragged cross cutting multioriented within "pyroxenite" overprinted by moderate but complete often shear associated talcose alteration. Alteration fronts can be non structural.	Oxidized veined fractures are weakly limonitic indicating possible weak sulphide mineralization.							
		8.55 - 10.05	97													
		10.05 - 13.1	94				sheared contact - ~45° TCA									
13.8	14.3	13.1 - 14.3	90			BAS	DARK GREY ANDESITE - Fine grained rock with possible relict fragmental textures. Locally feldspar porphyritic with possible milky quartz filled amygdules or anhedral coarse plagioclase. Bedding? nearly 90° TCA.	Local weak to moderate finely disseminated secondary brown biotite. Weakly silicified with at least 2 generations of milky white quartz veining, both fabric parallel and cross cutting coeval and later planar cross cutting sheeted veins ~5 and 70 ° TCA								
							Sheared contact - ~45° TCA. Parallel to upper contact.									
14.3	16.2	14.3 - 15.5	70			UM	ULTRAMAFIC - Dark grey green mottled erratically textured fine grained altered gabbro. Rock is soft and talcose.	Rare white dolomite-talc? veining as ragged cross cutting multioriented within "pyroxenite" overprinted by moderate but complete often shear associated talcose alteration. Alteration fronts can be non structural.	Oxidized veined fractures are weakly limonitic indicating possible weak sulphide mineralization.							
		15.5 - 18.3	97				Planar contact - 70° TCA.	intense clay alteration								
16.2	20.2	18.3 - 19.2	85			BAS	DARK GREY ANDESITE - Massive fine grained rock with possible relict fragmental textures. Locally feldspar porphyritic.	Local weak finely disseminated secondary brown biotite. Weakly to intensely silicified with at least 2 generations of milky white quartz veining, both fabric parallel and cross cutting coeval and later planar cross cutting sheeted veins ~5 and 70 ° TCA	No sulphides noted.							
		19.2 - 19.65	99				17.2 small quartz diorite dyke - 80 ° TCA 18.6 Medium grained quartz diorite dyke~80 TCA up to 7 cm thick grading down hole to intensely silicified shear zone.									
		19.65 - 20.1	150				Sheared contact - ~55° TCA.	15.2 center of ~30 cm silicified zone. slight bleaching and significant increase in hardness.								

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							DDH-OP-04-05 PAGE 2										
20.2	33.0	20.1 - 22.25	98	shear	37+/-15	UM	ULTRAMAFIC - Nearly black, dark grey green mottled erratically textured fine grained porphyritic to pale grey medium grained phaneritic altered gabbro. Rock is soft and often talcose and commonly sheared.	Widely varying alteration with highly variable textural and structurally controlled intensity of carbonate alterstion. Alteration fronts usually structural but can be non structural. Late curviplanar calcite veining in open shear fractures.	Oxidized veined fractures are weakly limonitic indicating possible weak sulphide mineralization.								
		22.25 - 23.45	100														
		23.45 - 25.15	86														
		25.15 - 25.9	98														
		25.9 - 26.5	25				Talcy clay gouge zone - 45° TCA	strong clay alteration									
		26.5 - 28.65	100							131680	27.9	28.9	1	0.4	0.007	148	
		28.65 - 30.5	89					Late cross cutting chalcedonic veining and later gypsum veining in oxidized shear and breccia veined zone.		131681	28.9	29.3	0.4	0.16	0.007	364	
		30.5 - 32.45	90				Core lost at 31.8 m.			131682	29.3	30.3	1	0.4	<0.005	13	
		32.45 - 33.83	90														
							Sheared and strong clay altered contact: 27° TCA			131683	32	33	1	0.4	0.046	54	
33.0	34.9	33.8 - 35.66	108	Bedding	55+/-5	AND	DARK GREY BASALT - Fine grained rock with possible relict crystal tuff textures. Locally feldspar porphyritic.	Finely disseminated secondary green chlorite within moderately silicified rock, with at least 3 generations of veining, both fabric parallel and cross cutting coeval and later planar cross cutting sheeted veins at various orientations.	Strong traces of strongly magnetic pyrrhotite as minute curviplanar veins and in late clay lined planar fracture veins.	131684	33	35	2	0.8	<0.005	17	
							*Barren quartz sheared veined contact - 35° TCA										
34.9	35.6			shear	35+/-5	UM	ULTRAMAFIC Dark green and mottled (diorite appearing salt and pepper grey-black sheared strongly talcose ultramafic rock. Silicification makes this rock much tougher to break.	Strong talcose alteration with overprinting silicification. Subtle shear associated silicification with quartz-dolomite flooding and anastomozing carbonate-quartz veining. Generally decreasing silicification downhole.	Trace to locally 2% (over 10 cm) late fabric crosscutting (conjugate) semi brittle pyrrhotite with discontinuous quartz veinlets and blebs. Rare trace bright yellow chalcopyrite associated with pyrrhotite near quartz veins.	131685	35	35.6	0.6	0.24	0.006	180	
							Gougy clay altered contact sheared										
35.6	36.05		95	shear	35+/-4	BAS	TAN GREY BASALT - Fine grained rock.	Finely disseminated biotite and possible sericite in strongly clay altered rock. Late ductile though annealed shear fabric common. Late greenish semi translucent arcuate phengite? tension veins splaying from similarly veined shears.	possible trace very fine grained pyrite.	131686	35.6	37.2	1.6	0.64	0.021	495	
							sheared contact - quartz anhydrite? shear veined. 42° TCA.										
36.1	36.7		98	shear	32+/-5	SZ	SHEAR ZONE Completely annealed by moderate carbonate quartz flooding with anastomozing veining of strongly clay altered tan volcanic and green fuchsitic ultramafic lenses	Strong carbonate alteration with possible pervasive silicification. Cross cut by several generations of anhydrite?-dolomite quartz veins									
36.7	37.2		99			BAS	BROWN TO TAN BASALT Fine grained variably altered rock	Finely disseminated secondary green chlorite within moderately silicified rock overprinted by tan clay-phengite alteration also cross cuts earlier white quartz veining.	Strong traces of strongly magnetic pyrrhotite as minute curviplanar veins and in late clay lined planar fracture veins.								
								At least 3 generations of veining, both fabric parallel and cross cutting deformed and later planar cross cutting sheeted veins at various orientations.									
37.2	37.7		98	shear	18+/-7	UM	ULTRAMAFIC Sheared strongly but erratically silicified ultramafic.	strong but erratic silicification with chlorite. Several generation of carbonate, with late silica-sericite? chlorite tension veins.	Trace strongly magnetic pyrrhotite with lesser fine grained pyrite and rare trace chalcopyrite? in late curviplanar crosscutting silica-sericite tension veinlets.	131687	37.2	38.2	1	0.4	0.016	304	

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37.7	63.1	37.7 - 57.6	100			UM-BAS	DARK GREY BASALT AND INTERBEDDED ULTRAMAFIC massive to mottled fine grained grey with blue-green cast rock	Finely disseminated secondary green chlorite within moderately to locally strongly silicified rock. Local overprinting? tan clay-phengite alteration also cross cuts earlier white quartz veining.	Strong traces of strongly magnetic pyrrhotite as minute curviplanar veins and in late clay lined planar fracture veins.		131688	38.2	39.7	1.5	0.6	<0.005	21
								37.9 - 41.0 erratically decreasing clay-phengite alteration.			131689	39.7	41.2	1.5	0.6	<0.005	29
								42.45 - 42.7 Large white blocky quartz vein. planar upper contact 57° TCA. Ragged subparrallel to core axis veining at bottom contact.			131690	41.2	42.7	1.5	0.6	0.477	10
								Ankerite-dolomite breccia zone centered at 43.1-43.3 with tan carbonate flooding from 42.9 to 44.3 m	Erratically finely to coarsely disseminated pyrrhotite associated with discreet late curviplanar quartz veinlets - ~55° TCA		131691	42.7	44.3	1.6	0.64	1.46	7
											131692	44.3	45.8	1.5	0.6	0.25	<2
											131693	45.8	47.3	1.5	0.6	0.022	16
											131694	47.3	48.7	1.4	0.56	0.013	9
											131695	48.7	50.2	1.5	0.6	<0.005	<2
											131696	50.2	51.7	1.5	0.6	0.009	<2
											131697	51.7	53.3	1.6	0.64	<0.005	5
											131698	53.3	54.8	1.5	0.6	0.052	32
										E	E26851	54.8	56.3	1.5	0.6	0.018	10
										E	E26852	56.3	57.7	1.4	0.56	0.012	17
		57.6 - 57.9	75				Blocking discrepancies			E	E26853	57.7	59.2	1.5	0.6	0.434	12
		57.9 - 63.1	100				Blocking discrepancies			E	E26854	59.2	60.2	1	0.4	<0.005	7
							Blocking discrepancies			E	E26855	60.2	61.7	1.5	0.6	0.137	<2
							Contact - 12° TCA			E	E26856	61.7	63.1	1.4	0.56	0.02	5
63.10	65.2		100	veins	40+/-10	QBX	PALE GREY MULTIEPISODIC QUARTZ BRECCIA VEIN Textures range from (earliest?) massive breccia veins with numerous shard like wallrock and earlier veins fragments to later multiepisodic vuggy banded semi chalcedonic quartz veins.	Intense silicification of wallrock fragments and multiepisodic vein fragments.	Dark dusty grey quartz vein fragments within Breccia and banded veins host strong traces of very fine dark grey sulphides.		131700	63.1	65.2	2.1	0.84	0.009	30
							alteration contact - ~20° TCA	quartz vein grading at 65.2 to soft intensely clay altered breccia vein textured rock.									
65.2	65.8		40	veining	20+/-5	HBX	CLAY ALTERED HYDROTHERMAL BRECCIA. similar rock to above except totally clay altered ground mass and fragments that are totally clay altered.	Intense bleaching and silicification and veining overprinted by intense clay alteration.	Dark dusty grey quartz vein fragments within Breccia and banded veins host strong traces of very fine dark grey sulphides.		131699	65.2	65.8	0.6	0.24	0.017	76
							broken core											

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67.6	82.6	67.4 - 68.6	81	bedding	35+/-10	SED	GREY TO GREY BROWN INTERBEDDED ARKOSIC SANDSTONE, GREYWACKE AND LAMINATED SILTSTONE. later cross planar fracture common making this unit often blocky to drill.	Secondary biotite common giving all lithic component a rich brown colour. Weakly to locally moderately silicified with common chlorite-carbonate+/-quartz+/- pyrrhotite (limonitic when weathered) early slightly deformed and later planar fracture veins.	Trace to locally 2% pyrrhotite with rare trace chalcopyrite in cross cutting quartz veins, quartz-carbonate chlorite veins (with pyrite) and chlorite carbonate veins (pyrite dominant). Local weak stockwork.								
				shearing	25+/-5			Veins have a distinctive grey pervasive silicified margins up to 10 times vein width.		E	E26859	68.6	70.1	1.5	0.6	<0.005	5
										E	E26860	70.1	71.6	1.5	0.6	0.007	<2
										E	E26861	71.6	73.1	1.5	0.6	<0.005	4
										E	E26862	73.1	74.6	1.5	0.6	<0.005	4
										E	E26863	74.6	76.1	1.5	0.6	0.006	5
										E	E26864	76.1	77.6	1.5	0.6	0.005	8
										E	E26865	77.6	79.1	1.5	0.6	<0.005	5
										E	E26866	79.1	80.6	1.5	0.6	<0.005	9
							82.6 END OF HOLE			E	E26867	80.6	82.6	2	0.8	<0.005	3

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