Shangri-La Minerals Limited

10/88

GEOLOGICAL, GEOPHYSICAL AND GEOCHEMICAL REPORT

ON THE

CASTLE PROJECT

LOG NO: 1021 RD.

ACTION:

FILE NO: 87-651-16358

FOR

Owner/Operator: NITRO RESOURCES INC.

FILMED

GREENWOOD MINING DIVISION

BRITISH COLUMBIA

NTS 82E/1E

NORTH LATITUDE 49 DEG. ~~00'~~ 02'

WEST LONGITUDE 118 DEG. 09' 30"

BY

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MARCH 31, 1987

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SUMMARY

The Castle Group of claims are comprised of the Castle 1-4 modified grid system mineral claims and the Candy 1-16, 2 post claims.

They are located 6 kilometers southeast of the town of Christina Lake, B.C.

Chromite was first discovered just south of the claim block in 1917. Eight hundred tons of high grade ore was shipped from the area in 1918. Small chromite bodies occur in the Midnight area of the Castle claims. Platinum values of up to .015 oz/ton have been reported from massive chromite ore from this area.

A program of geological mapping, sampling, geochemistry, self-potential and ground and aerial magnetometer surveys was carried out by Shangri-La Minerals Limited. The purpose was to define the "type" of ultramafic body occurring on the claims and investigate the potential for platinum.

The results of the program indicate that the Castle ultramafic body is an "alpine type" and thus is economically less interesting for platinum.

The program failed to outline any areas which have significant chromite or platinum potential.

Ground self potential and magnetometer surveys were performed on the Castle Mountain grid. The self potential survey was useful to deliniate sulphide bearing units. Over the dunites (unit 5) the self potential data was very active because of the high magnetite content of this rock and also because of strong topographic effect. The magnetometer survey was useful to deliniate area B (unit 5).

Interesting gold values were obtained from several areas on the claims. Soil geochemistry values of up to 1,067 ppm Au were encountered in the central western area of the grid and are coincident with areas of interesting geology. An additional Au anomaly occurs over a dunite/volcanic contact in the north-central portion of the grid. These gold values in conjunction with a reported gold intersection obtained during a previous drilling program (Steiner personal communication) indicates a gold potential on the claims.

A 2-phase program of geological mapping, sampling and trenching, followed up by drilling is being recommended to investigate this potential.

The background nickel values obtained throughout the property occur primarily in solid solution in olivine and do not represent significant nickel sulphide concentrations.

Respectfully submitted at Vancouver, B.C.

Frank DiSpirito, B.A.Sc., P.Eng.
March 31, 1987

1. Introduction

A program of reconnaissance geological, geophysical and geochemical surveys was carried out on the Castle group of mineral claims for Nitro Resources Inc. by Shangri-La Minerals Limited. This work was carried out from October 7 to November 18, 1986. The purpose of the program was to investigate a reported platinum occurrence and to locate other promising showings of platinum group elements.

1.1 Property Status

The Castle 1-4 claims and the Candy 1-16 claims are located in Greenwood Mining Division at 49° 00' north latitude and 118° 09' west longitude. They are recorded as follows:

Name	Units	Anniver. Date	Record No.
Castle 1	20*	11 October 1987	4414
Castle 2	20	11 October 1987	4415
Castle 3	20*	11 October 1987	4416
Castle 4	20	11 October 1987	4417
Candy 1	1	9 January 1988	4802
Candy 2	1	9 January 1988	4803
Candy 3	1	9 January 1988	4804
Candy 4	1	9 January 1988	4805
Candy 5	1	9 January 1988	4806
Candy 6	1	9 January 1988	4807
Candy 7	1	9 January 1988	4808

Name	Units	Anniver. Date	Record No.
Candy 8	1	9 January 1988	4809
Candy 9	1	9 January 1988	4810
Candy 10	1	9 January 1988	4811
Candy 11	1	9 January 1988	4812
Candy 12	1	9 January 1988	4813
Candy 13	1	9 January 1988	4814
Candy 14	1	9 January 1988	4815
Candy 15	1	9 January 1988	4816
Candy 16	1	9 January 1988	4817

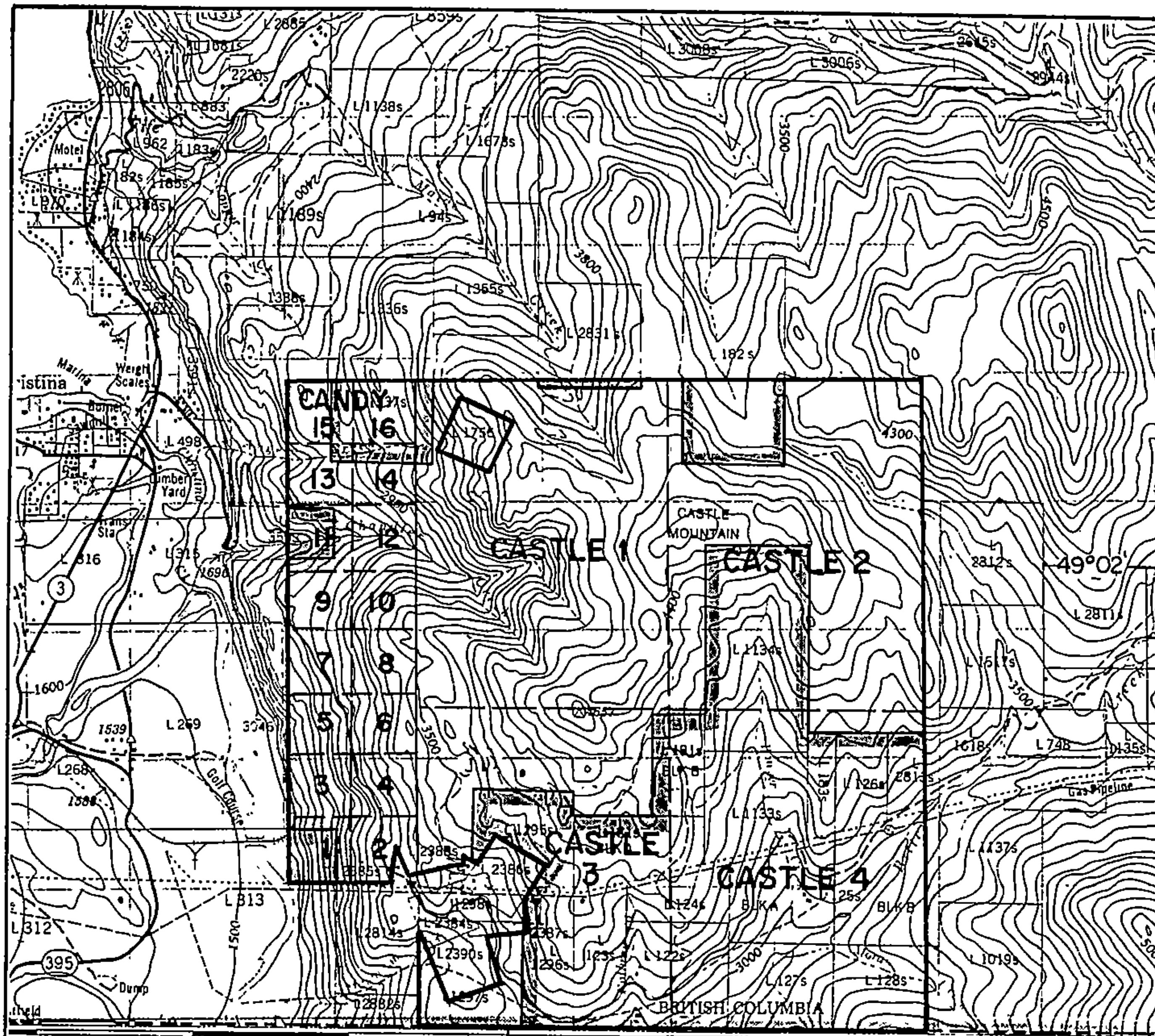
* Castle 1 claim contains an excepted Crown Grant (Caledonia), thus it does not comprise the full 20 units. Similarly, Castle 3 claim does not comprise 20 units because the 5 Crown Grants (Mammoth, Mastodon, Canyon, Pan and Dominion) contained therein, are not owned by Nitro Resources Inc. (Fig.2)

1.2 Location, Access, Topography

The center of the claims block, comprised of the Castle 1-4 claims and the Candy 1-16 claims, is situated about 6 kilometers southeast of the town of Christina Lake, B.C. The property is located atop Castle Mountain and an adjacent peak to the southwest at 1,420 metres elevation. The southernmost claimblock boundary is coincident with the Canada/U.S. border.

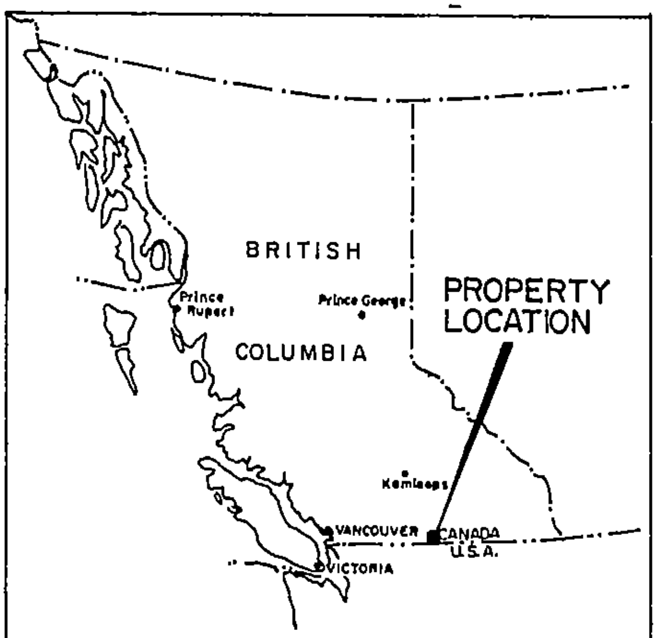
Access is via Southern Provincial Highway #3 to Christina Lake, 22 km east of Grand Forks and approximately 560 km east of Vancouver. From the main highway, at the southeasternmost point of the lake, near the weigh scales, the Santa Rosa Road, an all-weather gravel-paved highway, leads south and easterly round the foot of Castle Mountain. It traverses the Castle 3 and 4 claims. A number of abandoned but negotiable logging roads, which transect the property, lead off from this main road at several points along the lower slopes of the mountain. The west Kootenay Light and Power high voltage transmission lines and the Inland Natural Gas Co. Ltd. pipeline also traverse the Castle 3 and 4 claims along an east-west corridor. Access throughout the property is facilitated by open forested areas and regions of grassland.

Topographic relief is gentle throughout most of the map area, steepening somewhat where Chandler Creek dissects Castle 1 claim in the west. Elevations range from 450 m to 1,430 m at the Castle Mountain summit.



LEASED LAND – PRIVATE

118°10'



SCALE 1:50,000

0 1 2 3 KM.

To accompany report by F. Di Spirito, B.A.Sc., P. Eng.

CASTLE PROJECT

FOR: NITRO RESOURCES INC.

BY: SHANGRI-LA MINERALS LIMITED

LOCATION MAP

GREENWOOD M.D., B.C.

N.T.S. 82E-1E	DATE: JAN. 1987
DRAWN BY: H.M.	FIGURE Nº. 1

CHONG

1.3 History

Chromite was first discovered on the Mastodon Group (Crown Grants on western part of Castle 3 claim) in 1917. A number of pods and lenses, no more than 7 metres long, contained chromite ore grading from 30% to 50% chromium. In 1918 the Stewart-Calvert Company of Oroville, Washington had developed these deposits by shallow shafts and stripping to recover and ship 670 tons of chromite averaging 39% chromium. Eventually 800 tons of ore were shipped by the end of 1918. The platinum content of the chromite was not considered until 1918 when W. Thomlinson tested for this commodity in order to determine new sources of supply. Thomlinson's investigations were instigated by the British Ministry of Munitions and the Canadian Resources Commission who were seeking an increased platinum supply for war purposes. Platinum values of 0.02 oz Pt/ton were obtained from the Blacktail claim which is located on the east-central edge of the Castle 3 claim.

A short distance to the northeast, on the Midnight claim, a sample of chromite taken by Thomlinson in 1920, assayed 0.015 oz Pt/ton. No obvious platinum potential was indicated on the Mastodon claim however, where the most extensive chromite occurrences are located. Samples of chromite taken from this locality in 1920 gave 0.01 to 0.05 oz Au/ton but only traces of platinum.

No further work was done in this area until the 1967-1978 period when Hunter Point Exploration Ltd. investigated the Mastodon and other Crown-granted and located claims, for chromite and nickel. This company later became a wholly-owned subsidiary of Chromex Nickel Mines Ltd. Extensive drilling during this period, showed that low grade (0.25% Ni) nickel mineralization occurs at depth within serpentinized dunite. No specific nickel minerals were identified however, nor was any further chromite mineralization discovered.

2. SURVEY SPECIFICATIONS

2.1 Grid Establishment

A 4.5 kilometre, northeast-trending baseline was cut, cleared and flagged at 50 metre intervals with survey stakes, metal tags and flagging. Crosslines were emplaced in a similar manner on both sides of the baseline so as to cover the claims area but to exclude the adjoining areas of private land. In the northern part of the grid, on Castle Mountain, the crosslines were spaced every 50 metres whereas in the southern part they were placed every 100 metres. Stations were flagged and staked everywhere at 50 m intervals however. Line-of-sight chaining with stakes was necessary so as to avoid compass deviations caused by magnetite-bearing outcrops. Seventy kilometers of grid lines were laid down.

2.2 Airborne VLF-EM and Magnetometer Survey

The survey system equipment simultaneously monitors and records the output signals from a proton precession magnetometer and two VLF-EM receivers installed in a bird which is towed over the survey area at an altitude of approximately 75 m by helicopter. The average flying speed while surveying is about 110 km/hr. Landmarks along the flight lines are plotted on aerial photographs as the lines are flown. This allows subsequent production of a flight line map on which to plot the survey results.

The two VLF-EM receivers respond to signals from two different transmitters - one in Seattle, Washington and one in Annapolis, Maryland. The Annapolis transmitter was not functioning during the survey, however, so only the Seattle results are available. Conductors will respond most strongly to the transmitter in the direction of their strike. The azimuth to the Seattle transmitter from the Castle property is 253^{o}.

The geophysical data was recorded on chart recorders. The chart profiles were digitized and plotted by computer as contour maps. Instrument specifications are detailed in Appendix C.

The flight lines run north-south. The line spacing is roughly 100 m.

2.3 Ground Magnetometer Survey

The ground magnetometer survey was conducted using a Scintrex MP-2 proton precession magnetometer. An EDA Omnimag 375 was run as a base station to allow correction for diurnal variations.

Readings were taken at 25 m intervals along the grid crosslines. A total of 30 line-km was surveyed.

2.4 Self Potential Survey

Equipment used in this self potential survey were one voltmeter with a precision of 0.001v + 0.001 and an input resistance of 107 ohm. Also used were two porous pots with copper sulphate solutions. Measurements were made every 25 meters on lines separated by 100. A base value of 0.00 v on the base line 0+00 was set. The self potential measurements were added together to produce a self potential contour map (Fig. 9). A total of 43 km was surveyed on all cut lines.

2.5 Geochemical Survey

Soil samples were collected at 25 metre intervals across the entire grid area. The "B" horizon was sampled at depths which were usually greater than 15 cm. Samples were analyzed by Acme Analytical Laboratories Ltd. using an induced coupled plasma (IPC) spectrophotometer.

2.6 Geological Mapping

Geological mapping was accomplished initially by traverses along old logging roads and later along cut and flagged gridlines. A northeasterly grid was established to cover as much of the ultramafite as possible and to exclude privately leased areas of land. Lines were spaced, for the most part, 50 metres apart. In the southernmost part of the grid 100 m lines were mapped. The geology was recorded on a 1:5000 scale base consisting of a corrected and contoured orthophoto of the Castle Mountain area.

3. GEOLOGY

3.1 Regional Geology

The Castle Mountain ultramafic body occurs within rocks of the Omineca Crystalline Belt (Rublee 1986), near the eastern margin of the Quesnel terrane. This north-trending margin separates westerly-lying paragneiss of Precambrian Monashee and Grand Forks Groups from easterly-lying granitic rocks of the Jurassic Nelson intrusions, as shown on the Kettle River geology map by Little (1957). Eocene Coryell alkaline rocks, including syenite, monzonite, shonkinite and granite have been intruded into Nelson granodiorites and make up a large proportion of the granitic terrane. Several inliers of greywacke, greenstone and carbonate strata of the Pennsylvanian-Permian Mt. Roberts Formation occur adjacent to the eastern shore of Christina Lake just north of the map area. Andesites and andesitic agglomerates, as well as argillites and sandstones of the Jurassic Rossland Group surround the ultramafic body at Castle Mountain. These lithologies have been described in detail by Little (1982), in the Rossland-Trail Map area to the east of the property.

3.2 Property Geology

The Castle and Candy claims area is underlain by Jurassic Rossland Group volcanics and sediments which enclose the tectonically emplaced Castle Mountain ultramafic body, (Fig. 3). The oldest rocks in the grid area are iron-stained argillites and fine clastics of the Archibald Formation which occur to the north and to the east of the serpentinite. Massive andesite and agglomeratic andesite of the Elise Formation predominate in the western region. Fragmental members of these two units are occasionally interbedded and gradational into one another in the northern part of the grid. The serpentinized dunite which makes up the Castle Mountain alpine body, is surrounded predominantly by volcanic strata of the younger Elise Formation. Chromium has in the past been extracted from a chromite pod located beyond the southern claim boundary and also from a small occurrence in the Midnight area. Platinum values were determined in 1918 from chromite samples taken from both these localities.

3.2.1 Distribution of Units

Numerous outcrops of Archibald Formation argillites and siltstones occur in the northeast portion of the map area. Beds are generally less than a meter thick and are usually well laminated. They are also occasionally interbedded with volcanic sequences of the overlying Elise Formation and at several localities, the lithologies of members of the both formations grade into each other laterally. Well exposed occurrences of Archibald Formation strata are present also on Bowser Creek road east of the grid. In this area numerous olivine porphyry basalt dykes cut the sediments.

Widespread exposures of agglomeratic andesite of the Elise Formation are present throughout the north-central portion of the grid area. This unit is typically bluff forming, especially in the Chandler Creek drainage area. Numerous outcrops of this unit are also present along the main Santa Rosa Road.

Ultramafic rocks comprising serpentinized dunite are extensively present in the southern half of the mapped area. These resistant outcrops are characteristically bluff-forming and large outcrop areas are marked by bald peak areas or grassy open slopes. An isolated, distinctive bald knob of serpentinized dunite constitutes Castle Mountain Peak, at 1,443 metres. Generally, areas underlain by ultramafic rocks contain sparse vegetation in comparison to surrounding areas of volcanic or sedimentary rocks which are generally forested.

Minor isolated exposures of "salt and pepper" diorite are present in the west-central grid area of as well as in the northeast.

3.2.2 Description of Units

3.2.2.1 Archibald Formation - Unit 1

This apparently oldest sequence of rocks occurs prominently in the northeast and is situated between the Castle Mountain serpentinite body to the west and the granodiorite of the Nelson Intrusions to the east. It is comprised of a succession of interbedded and interfingered volcanic and sedimentary units which have all been metamorphosed to the greenschist facies. Dykes and sills of porphyritic andesite are common within this succession as are occasional exposures of gabbro and diorite.

The volcanics consist of meta-andesites and meta-dacites as well as occasional foliated basalts. Andesites are commonly porphyritic containing abundant plagioclase phenocrysts as well as biotite flakes. Chlorite filled vugs are occasionally also present. The groundmass is generally a fine grained mixture of feldspars and mafics, occasionally siliceous and usually containing disseminated pyrite.

The metasediments appear derived from rather siliceous mudstones and siltstones and are presently mapped as meta-argillites and quartzites. They are less well exposed than the volcanic rocks and consist of centimetre to decimetre bedded dark brown to pale tan units which occasionally exhibit graded bedding and are usually limonite stained. Pyrite is typically concentrated on shaley partings where it may constitute up to 20% of the rock volume. Shears, where present, are always heavily pyritized and limonitic. Occasional porphyritic andesite sills of similar thicknesses to the argillaceous beds are also present. Andesite dykes which cut beds are common.

3.2.2.2 Agglomeratic Andesite - Unit 2

This unit occurs extensively in the north-central portion of the grid and also in the southwestern part and along the Santa Rosa Road. Outcrops are aerally extensive and they often form bluffs. The rock type is characterized by a dark green, fine grained groundmass which contains prismatic hornblende phenocrysts and quartz eyes as well as the distinctive breccia fragments which are comprised of the same material as the groundmass. This agglomeratic texture is this units most distinguishing feature. Throughout the map area the andesite has undergone greenschist grade metamorphism, contains abundant epidote and is almost always magnetic. Pyrite is also usually present as sparse fine disseminations as is the more abundant epidote alteration.

Near the western claim boundary, this unit contains distinctive white limestone clasts which Little (1982) has described as being a key marker for the basal part of the Elise Formation in the Rossland-Trail area. Locally, patches of skarn minerals were noted; these consist of garnet, deposed, calcite, chalcopyrite and pyrite. They are thought to be metamorphosed limestone clasts.

3.2.2.3 Basalt Porphyry Dykes - Unit 3

Basalt porphyry dykes are common in the northeastern grid area. They cut the metasediments at steep to vertical angles and exhibit sharp contacts. Thicknesses of 5 to 10 metres are common and at least one body of 100+ metres appears to be present, however it is only sporadically exposed. The dykes are composed of porphyritic basalt in which conspicuous chlorite-filled amygdules are predominant within the grey-green coarse grained groundmass. In some exposures a moderate foliation has been imparted by the alignment of augite phenocrysts and their altered equivalents of stretched ellipsoidal chlorite-filled amygdules. These dykes were not noted in the southern portion of the map area.

3.2.2.4 Feldspar Porphyry - Unit 4

This unit is most prominent in the south-central and eastern parts of the grid and appears to be absent in the northern section. Discrete andesitic feldspar porphyry outcrops of varying dimensions are set within the mass of serpentinized dunite. The outcrops are generally more recessive than the surrounding dunites and their contacts appear always to be tectonized.

Lithologically the rock consists of a pale green and fine-to medium-grained quartz-feldspar-hornblende groundmass which contains fresh euhedral plagioclase phenocrysts. Well developed hornblende laths are commonly also present as are up to 10% clear quartz eyes. Disseminated pyrite is present throughout this unit. The eastern exposures, near the orange-weathering dunites, are somewhat more siliceous and pyritic.

3.2.2.5 Serpentinized Dunite - Unit 5

This extensive rock type, which is host to several chromite occurrences, minor nickel mineralization and several platinum indications, occurs in a widespread fashion throughout the southern grid area and beyond. Castle Mountain peak, to the north, is an isolated dunite body contained within the surrounding agglomeratic andesite of the lower members of the Elise Formation.

Outcrops of serpentinized dunite are generally resistive and thus they characteristically form bluffs and cliffs. Areas of dunite are usually more devoid of vegetation than adjacent areas of volcanic rock which are somewhat more recessive and normally under forest cover. Contacts between ultramafites and volcanics have been sheared and thus are usually obscured by soil and forest cover.

Weathered surfaces are typically tan, brown and grey in colour and textures are usually coarse and occasionally mottled. The rock composition appears to be homogenous throughout the mapped area and there is a general lack of any well developed tectonic or cummulate layering. Areas of pale green, sheared and schistose serpentinite in the western part of the grid usually have core areas of resistive fresher serpentinized dunite.

Fresh surfaces are typically aphanitic to fine grained, and black to green depending on the intensity of serpentine alteration. Olivine has been pervasively serpentinized to some degree in all exposures. Crosscutting serpentinite veinlets are not common and traces of asbestos fibre were noted in only one locality. Magnetite is a common but sparse accessory mineral and occurs as discrete fine to very coarse grains. Occasional chromite grains are also present. At the Midnight Area, a pod of chromite, of perhaps several cubic metres, was excavated from sheared, schistose serpentinite. Elsewhere a unique texture consists of green and black alternating layers of serpentinite which are crosscut by black dunite veinlets containing up to 5% accessory magnetite and probable chromite grains.

3.2.2.6 Altered Serpentinized Dunite - Unit 6

This area of serpentinized dunite in the southeast is distinctive because the weathered outcrops are stained an orange-red colour. The rocks appear to have been hydrothermally altered because the staining is pervasive throughout fresh rock surfaces.

The outcrops are also highly magnetic, more so than usual and magnetite grains are generally visible. An east-west fault is indicated by a cliff-forming fault scarp in this vicinity which also brings siliceous pyritic andesitic feldspar porphyries into contact with the orange serpentinites.

3.2.2.7 Diorite Dykes - Unit 7

Several areas of aligned diorite outcrops in the northern grid indicate that dykes of this unit are present within the metasediments of the Archibald Formation and the volcanics of the Elise Formation. The rock is a medium- to coarse-grained holocrystalline dark grey diorite which is typified by a "salt and pepper" appearance on fresh surfaces. Equal amounts of feldspar and hornblende are normally present along with lesser occasional biotite and magnetite; the rock is almost always slightly magnetic. A pale grey and coarser variety of this unit occurs in several outcrops in the northeasternmost portion of the grid.

3.2.2.8 Gabbro Dykes - Unit 8

Several minor outcrops of gabbro occur within the metasediments and volcanics of the northern grid area. The rock consists of a fine to medium-grained hornblende gabbro with up to 3% disseminated sulphides. It is darker than the diorite and slightly magnetic.

3.2.3 Structure

Tectonic layering, a common structural feature in alpine ultramafic suites, is sporadically and poorly developed in the Castle Mountain ophiolite. Some alignment of outcrops is evident in the western part of the grid, where resistive ridges trend 160 degrees; similar alignments were noted also in the east central area. On a smaller scale a schistosity or layering was noted on some cliff faces, exemplified by black-green colour banding (preferential serpentinization) which trends 160 degrees and appears to dip 35^{o} to 70^{o} to the east. No alignment of magnetite and/or chromite grains was noted anywhere. A moderately developed foliation of wisps of serpentinite can occasionally be observed on fresh surfaces; they are aligned in a north-south direction. Local shear zones of several metres width, trend usually at 45^{o}, and are not uncommon throughout the serpentinite body. Large joints, evidenced by deep vertical clefts, occur in the vicinity of L1800S and 100W and near the baseline at 2850S.

Air photo lineations, interpreted as probable faults, trend primarily in northwesterly directions and less prominently in east-west directions. The regional Chandler Creek Fault marks the eastern contact of the serpentinite with the east-lying volcanics. Other local northeasterly faults within serpentinized dunite are marked by bluffs which are occasionally sheared. East-west faults are similarly marked by bluffs.

3.2.4 Mineralization

3.2.4.1 Ultramafic Rocks

Mineral concentrations of chromite occur within the ultramafic rocks, as well as background values of nickel. Several platinum values have been obtained from high grade chromite samples in the past.

The chromite occurs in the form of small pods (up to 3 metres in diameter) in two areas, one of which, the Midnight area, is on the claims.

A hand specimen of massive chromite ore, taken from a dump on the Midnight, gave a value of 58918 ppm Cr. Accessory chromite in the ultramafics averages 1-2% with assay values ranging from 8188 ppm to 7 ppm Cr.

Nickel minerals were not observed in hand specimen, however, assay values range up to 2508 ppm. Values of about 2,000 ppm Ni are taken as a common background value for ultramafic rocks.

Platinum values obtained from various ultramafic hand specimens were generally quite low. The highest value obtained was 18 ppb. from the host rocks of a small chromite pod (CM-49). The high grade chromite sample yielded a value of 6 ppb platinum. In general, values were at or near the detection limit.

In general, gold values were very low. The exceptions were two hand specimens of massive chromite ore which assayed 303 and 126 ppb Au respectively (CM-50, CG-50). The mineralogical studies of this material by C. Soux indicates that one fleck of gold was observed in polished sections.

3.2.4.2 Elise and Archibald Formations

Values for platinum were generally quite low throughout these units. The exception includes a couple of elevated values which were obtained from various volcanic units.

Values of 45 ppb and 52 ppb were obtained from samples CM56A (felsite dyke) and CM-63 (feldspar porphyry or deceit) respectively.

The highest gold value obtained was 53 ppb for sample CG-37, which is a highly stained siliceous agglomeratic andesite belonging to the Archibald Formation.

Rare-earths (C. Soux's Report).

3.2.5 Discussion-Economic Geology

The serpentinized dunite body at Castle Mountain is classified as an "alpine type", or ophiolite (Rublee, 1986), that is, a segment of ocean crust which has been tectonically emplaced amongst the volcanic and sedimentary rocks of the Jurassic Rossland Group. The presence of podiform chromite bodies within zones of shearing is typical of the lower portions of alpine ultramafic complexes as is the pervasive serpentinization of the dunite throughout all of the mapped area. Tectonic layering (albeit, poorly developed) and sheared contact zones with the surrounding country rocks are also common features of this dunite body and of alpine ultramafites in general. Layered gabbros, pyroxenites and plagiogranites, all typical components of the lower portions of alpine suites and which generally overly dunites, are all absent. This indicates that the Castle Mountain ultramafite represents only a small and monolithologic portion of a larger ophiolite suite. The potential for platinum, chromite and gold deposits will be discussed individually in the following sections.

3.2.5.1 Platinum Potential

The potential for finding economic concentrations of platinum on the Castle Mountain ultramafite depends on the possibility of discovering podiform chromite deposits and to a lesser degree on the likelihood of discovering copper-nickel sulphide deposits. This is due to the fact that several platinum values were obtained from chromite ore in the past, and also that platinum may be associated with nickel bearing sulphides. Both types of mineral deposits, that is chromite and nickel, are known to occur within ophiolitic dunites, Sawkins, 1984 (pp. 138-157), and both types of mineral species have been identified on the property. Several chromite pods were mined in the past and minor background values of nickel are present throughout the dunite. Additionally, in alpine-type ultramafic bodies, most nickel occurs in solid solution within olivine, although small amounts may occur as disseminated sulphides. Commonly nickel sulphides are associated with gabbros and norites rather than dunites. Assays of nickel bearing dunite hand specimens, however, did not show any platinum enrichment. In general the platinum-group element content within nickel sulphides of alpine ultramafites is considered to by low by Naldrett and Cabri (1976).

PGE concentrations within podiform chromites of alpine complexes in Oregon and California have also been shown to be very low-grade and uneconomic in a recent study by Page et al (1986). This study further suggests that the potential supply of by-product platinum-group elements from the mining podiform chromite is stall and thus most likely uneconomic.

3.2.5.2 Chromite Potential

The potential for finding economic concentrations of chromite at Castle Mountain is very low. Mapping and prospecting on 50 metre grid lines has failed to reveal any chromitite showings. Prospection for concealed chromite pods is difficult since they cannot be readily detected by geochemical or geophysical means. The ubiquitous presence of accessory chromite throughout the ultramafic rocks masks detection of localized concentrations by magnetic surveys which cannot indicate concealed chromite because most chromite is less magnetic than its enclosing host rocks, Thayer 1973. Gravimetric and seismic methods cannot be used in areas of high relief and in fractured and sheared rocks. Both these conditions prevail at Castle Mountain. Consequently detailed prospecting is the most direct and efficient means for locating chromite showings. This is evident on the Castle Mountain property from a number of hand-dug trenches and test pits at widespread localities within areas of sheared serpentinite. These were evidently excavated in search of chromite. These were evidently excavated in search of chromite. At the Midnight Area, a chromite showing of several cubic metres was excavated; a sample of "high grade" chromite from the ore dump contained only about 5.9% total Cr and only 6 ppb of Pt.

3.2.5.3 Gold Potential

The gold potential of the serpentinite on purely geological evidence appears to be rather low. In general, the dunites are devoid of gold throughout the property, however they are rarely enriched to more than 100 ppb Au. No altered zones or structural features, such as faults or shear zones, have yielded elevated Au values. Contact zones between ultramafites and surrounding country rocks are often associated with sporadic gold values due to the generally elevated gold values commonly found in ultramafic rocks. The tectonism which accompanies the emplacement of oceanites into its ultimate host rocks contributes to the remobilization of gold along contact areas. A 20 metre contact zone between serpentinite and agglomeratic andesite, carefully sampled and assayed, yielded only one value of 19 ppb Au.

Some potential for gold may exist within the andesites and metasediments of the Rossland Group. The metasediments, in particular, are often sheared, pyritic and limonitic and could have provided a favourable geologic setting for gold deposition. Routine sampling of the shears yielded no appreciable gold values however. A sample of silicified pyritic andesite feldspar porphyry, located near a northwest fault, returned 34 ppb Au. The numerous faults which transect the property and the proximity of the late Eocene Coryell alkalic intrusives could all have contributed to gold forming processes on the Castle property.

Steiner (1986) reported that gold assays of 0.1 oz/ton were derived from "small, gold-bearing quartz veins" related to the Coryell intrusive rocks. These values were obtained during a drilling program conducted by Chromex Ltd. in the vicinity of Trout Creek which is located on the Castle claims.

4. GEOCHEMISTRY

Values in the soil for chromium, nickel and platinum were generally equivalent to background levels for these elements in ultramafic rocks (Fig. 5, 6, & 7). Contacts between the ultramafics and surrounding host rocks were well marked by a dramatic increase in values for these elements over ultramafic rocks. Gold values in the soil were somewhat more erratic with spot highs ranging up to 1,061 ppb (Fig. 4). Several high values exist between lines 1800s and 2100s east of the baseline. (Area B) Specific anomalies in this area are weak, however, there is a general trend in the contact area between the dunite and surrounding volcanics. The dunite which occurs in this area is distinct in that it has a peculiar orange-red staining and is in general more highly altered than adjacent ultramafics. An additional anomalous zone occurs just east of (0.0) (Area A). This anomaly appears to be related to the dunite/volcanic contact which occurs here.

5. GEOPHYSICS

5.1 Discussion of Self Potential and Ground Magnetic Surveys

Self potential data can be affected by three different factors. First and most importantly anomalies created by concentrations of minerals which dissolve in water and create a potential because of the ions produced. The second is topographic effect and is related to potentials which change with altitude. The third is organic in nature and can be detected on boundaries of organic growth, for instance between an open field and a densely wooded area. The self potential anomalies due to minerals are mainly related to pyrite and magnetite.

The self potential survey does not seem to have any organic anomalies but it definitely has mineral anomalies and probably some topographic effect because of steep slopes.

In the north of the grid (lines 00 to 900S) the self potential data correlates well with the presence of pyrite in the rock. There is a 300 mv gradient between lines 00 and 100S on the north-west side which is probably related to topographic effect. A more significant gradient starts between lines 300S and 400S at the north-west end of these lines. The gradient follows the north-west trend of unit 1 which is a metasediment with pyrite layering (Fig. 9 and 3). This north-west trending gradient has localized gradients along its strike which correlate well with sulphide enriched areas mapped out by the geology. For instance, on line 500S station 700W there is a strong gradient related to float from unit 1 with 30 to 50% sulphides (Fig. 9 and 3). Between lines 800S and 900S there is a gradient on the north-west side from station 500W to 900W. This gradient is probably due to the same unit 1 as the previously discussed gradient. This relationship is made because of the presence of unit 1 on line 800S, stations 700W to 800w. Therefore this gradient probably represents the extention of unit 1 from that particular outcrop (Figs. 9 & 3).

Another gradient which can be related to geological information is present on line 500S station 450E where we have unit 2 (agglomeratic andesite) with 5 to 10% sulphide concentration. Between lines 700S and 800S on the south-east side there is a gradient of increasing voltage towards the south. This gradient probably represents a decrease in sulphide enrichment. Supporting geological field evidence, includes pyrite enriched rocks on line 700S station 530E, in contrast with a lack of pyrite enrichment on lines 800S and 900S (Fig. 9 & 3).

The magnetic data along on the north grid shows a generally quiet field with no apparent trends. One magnetic anomaly exist here and is located on the base line 00 between 150S and 200S where there is the magnetite-enriched dunite (unit 5) (Fig. 8 & 3).

In the south of the survey grid (lines 1600S to 3100S) there is an area of strong self potential and magnetic activity (Lines 1600S to 2200S). The main rock type in this area is dunite (unit 5) which is rich in magnetite. The strong self potential gradients which occur here are due to a combination of the magnetite mineral and strong variations in the topography between the lines. The magnetic field in this area (lines 1600S to 220S) varies strongly but no clear trends can be determined. At the eastern tip of lines 1700S to 2000S the magnetic field is lower and relatively quiet. This corresponds to a change in rock type from dunite (unit 5), in the active magnetic are, to altered serpentinized dunite (unit 6) in the quiet area (Figs. 8 & 3).

The remaining portion of the southern grid (lines 2300S to 3100S) has no magnetic data. Geological information shows a lower proportion of dunite (unit 5) and the presence of feldspar porphyry dykes (unit 4) which contain no magnetite. The self potential data in this area shows a lack of strong gradients because of more level ground, less dunite and no significant sulphide concentrations. There is an additional significant self potential gradient between lines 2900S and 3000S on the north-west side which is probably due to a combination of a strong increase in the slope and the presence of a ultramafic rock with 1% disseminated sulphides (Figs. 9 & 3).

5.2.1 Discussion of Airborne Magnetometer Survey Results

The results of the magnetic survey are shown in Figure 10. The contour interval of the data is 500 gammas - a very coarse interval necessitated by the extreme magnetic relief encountered on the property. Ultramafic bodies are highly magnetic relative to other rock types.

The west-central portion of the claim area is an area of high magnetic field strength due to the presence of the ultramafic body. The area is also one of strong magnetic gradient, with values ranging from less than 500 to greater than 2500 gammas (relative to a datum level of 57000 gammas). This indicates that the ultramafic body is intruded by much less magnetic rock types, or simply that the magnetic mineral content of the body is erratic. The extent of the magnetically active zone indicates the extent of the ultramafic body.

The magnetic relief over the rest of the Castle property is relatively gentle, although there is still significant variation - on the order of 100's rather than 1000's of gammas. Areas of higher magnetic field strength are probably due to the presence of andesite, which would be relatively magnetic with respect to the metasediments.

5.2.2 Airborne VLF-EM-Survey

The VLF-EM results are dominated by topography and the power line which traverses the Castle property. There do not appear to be any significant zones of conductivity which are unrelated to topography or the power line, indicating that any possible sulfide zones are not large and/or conductive enough to be detected by the airborne survey. Any conductive areas located under the power line or on ridge tops could not be distinguished from the interference of these features.

6. CONCLUSIONS

The serpentinized dunite body on the Castle and Candy claims represents the lower portion of an incomplete alpine ophiolite sequence which in the past contained several podiform chromite concentrations from which several platinum indications were derived.

Since the cessation of chromite mining prior to 1918, no new chromite pods have been discovered. The present exploration program of geological, geophysical and geochemical investigations have not revealed any new chromite showings. Consequently no new PGE indications were discovered.

As indicated by the unfavourable geology and the negative geochemical response it is unlikely that economic concentrations of platinum group minerals are present near surface on the property. It is also unlikely that new hidden chromite concentrations are present near surface in the mapped area.

The present exploration program was not exhaustive and was somewhat limited in scope to the ultramafite and portions of the contact areas and some of the country rocks.

There may be a limited potential for gold mineralization as shown by the soil geochemistry in the Castle Peak area (Area A) and in the altered area in the southwest (Area B). A magnetic low, which is associated with Area B indicates significant alteration occurred in this area (Fig. 11). Some limited work should be devoted to determining the cause of the elevated gold values.

The potential for copper-nickel sulphides appears also to be non existent, due to the unfavourable rock types. Background nickel values of 2,000 ppm Ni, such as those found throughout the property, are consistent with and common to alpine ultramafites.

7. RECOMMENDATIONS

A combined program of detailed geochemistry and geology, followed up by Trenching and sampling is being recommended to investigate the anomalous gold geochemical values in Areas A an B.

Proposed Cost for Phase II A Program

Establishment of detailed grid, flagged lines, 20 km @ 150/km	$ 3,000.00
Soil geochemistry, 150 samples @ $20.00 including analysis	3,000.00
Analytical testing, 100 rocks @ $15.00	1,500.00
Geologist 15 days @ $300.00/day	4,500.00
Trenching/Bulldozing, allow	15,000.00
Engineering supervision, report	8,000.00
Contingencies	5,000.00
Total	$40,000.00

Contingent upon favourable results from the Phase II A program, additional trenching, sampling and percussion drilling should be carried out to further evaluate the economic mineral potential of the property.

Proposed Cost for Phase II B Program

Trenching and Sampling, allow	$15,000.00
Drill Tests, allow	30,000.00
Geologist, allow	5,000.00
Report and Engineering	5,000.00
Contingencies	6,000.00
	$60,000.00

Total Phase II A and II B	$100,000.00

Respectfully submitted at Vancouver, B.C.

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA F. DISPIRITO

Frank DiSpirito, B.A.Sc., P.Eng.

March 31, 1987

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APPENDIX 1

BREAKDOWN OF COSTS FOR

PHASE I EXPLORATION PROGRAM

COST BREAKDOWN

Geological mapping and sampling 40 days @$300/day	$12,000.00
Airborne VLF-EM and magnetometer survey 245.1 kilometers @ 100.00/km.	24,510.00
Analysis and assay costs	30,973.80
IP standard linecutting 45.25 kilometers @ $350.00/km.	15,837.50
Flag and Hipchain Grid Establishment 63 kilometers @ $100.00/km.	6,300.00
Self-potential survey 34 kilometers @ $250.00/km.	8,500.00
Ground magnetometer survey 27 kilometers @ $125.00/km.	3,375.00
Camp Costs/ consumables	8,503.70
Engineering, re[ort preparation and supervision	10,000.00
TOTAL	**$120,000.00**

CERTIFICATE

I, Frank DiSpirito, of the City of Vancouver in the Province of British Columbia, do hereby certify:

I) I am a Consulting Engineer residing at 1319 Shorepine Walk, Vancouver, British Columbia, V6H 3T7 for the firm of Shangri-La Minerals Limited, based at 706-675 West Hastings Street, Vancouver, B. C., V6B 1N2.

II) I am a graduate of the University of British Columbia (1974) and hold a Bachelor of Applied Science in Geological Engineering.

III) I am a registered member, in good standing, of the Association of Professional Engineers of British Columbia.

IV) Since graduation, I have been involved in numerous mineral exploration programs throughout Canada and the United States of America.

V) This report is based on my personal visit to the property on September 13, 1986 and on field work carried out by a Shangri-La Minerals Limited crew from October 7 to November 18, 1986.

VI) I have no direct or indirect interest in the property described herein, or in any securities of Nitro Resources Inc., nor do I expect to receive any.

VII) This report may be utilized by Nitro Resources Inc., for inclusion in a Prospectus or Statement of Material Facts.

Respectfully submitted at Vancouver, B.C.

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — F. DISPIRITO

Frank DiSpirito, B.A.Sc., P.Eng.
March 31, 1987

Certificate

I, Helen C. Grond, do hereby certify:

I) I am a Consulting Geologist with the firm of Shangri-La Minerals Limited at 706-675 West Hastings Street, Vancouver, British Columbia, V6B 1N2.

II) I graduated in 1980 from the University of British Columbia with Honours B.Sc. in Geology, and in 1982 with a M.Sc. in Geology.

III) I have been involved in mineral exploration since 1977.

IV) This report is based upon fieldwork carried out by this author and a Shangri-La Minerals Limited crew between October 7 to November 18, 1986.

V) I hold no direct or indirect interest in the property or in any securities of Nitro Resources Inc., or in any associated companies.

VI) This report may be utilized by Nitro Resources Inc. for inclusion in a Prospectus or Statement of Material Facts.

Respectfully submitted at Vancouver, B.C.

Helen Grond

Helen C. Grond, M.Sc.
March 31, 1987

CERTIFICATE

I, Henry M. Meixner, of the City of Vancouver, in the Province of British Columbia, do hereby certify that:

I) I am a Consulting Geologist with the firm, Shangri-La Minerals Limited, at 706-675 West Hastings Street, Vancouver, British Columbia, V6B 1N2.

II) I graduated in 1969 from the University of British Columbia with a B.Sc. in Geology.

III) Since graduation I have been actively involved in mineral exploration and other geological studies in Canada, U.S.A., the Middle East and Africa.

IV) This report is based on field work carried out by this author October 7 to November 18, 1986.

V) I hold no direct or indirect interest in the property or in any securities of Nitro Resources Inc., nor do I expect to receive any.

VI) This report may be utilized by Nitro Resources Inc. for inclusion in a Prospectus or Statement of Material Facts.

Respectfully submitted at Vancouver, B.C.

H.M. Meixner

Henry M. Meixner, B.Sc.
March 31, 1987

CERTIFICATE

I, Martin St.-Pierre, of the City of Vancouver in the Province of British Columbia, do hereby certify:

I) I am a Consulting Geophysicist with the firm of Shangri-La Minerals Limited at 706 - 675 West Hastings Street, Vancouver, British Columbia, V6B 1N2.

II) I graduated in 1984 from McGill University in Montreal with a B.Sc. in Geophysics.

III) I have been involved in numerous mineral exploration programs since 1982.

IV) This report is based upon field work carried out by the author and crew of Shangri-La Minerals Limited from October 7 to November 18, 1986.

V) I hold no direct or indirect interest in the property or in any securities of Nitro Resources Inc., or in any associated companies, nor do I expect to receive any.

VI) This report may be utilized by Nitro Resources Inc. for inclusion in a Prospectus or Statement of Material Facts.

Respectfully submitted at Vancouver, B.C.

Martin St.-Pierre, B.Sc.
March 31, 1987

CERTIFICATE

I, J. Campbell Graham of the City of Vancouver in the Province of British Columbia, do hereby certify:

I) I am a Consulting Geophysical Engineer with the firm of Shangri-La Minerals Limited at 706-675 West Hastings Street, Vancouver, B.C., V6B 1N2.

II) I graduated in 1985 with a M.Eng. degree in Geophysical Engineering and in 1982 with a B.Sc. in Geophysical Engineering from the Colorado School of Mines in Golden, Colorado.

III) I have been involved in numerous mineral exploration programs since 1975.

IV) This report is based upon data collected by myself and a Shangri-La Minerals Limited crew on October 8, 1986 and an evaluation of data collected by a Shangri-La Minerals Limited crew between October 7 and November 18, 1986.

V) I hold no direct or indirect interest in the property described herein, or in any securities of Nitro Resources Inc., or in any associated companies, nor do expect to receive any.

VI) This report may be utilized by Nitro Resources Inc. for inclusion in a Prospectus or Statement of Material Facts.

Respectfully submitted at Vancouver, B.C.

J. C. Graham

James Campbell Graham, B.Sc., M.Eng.
March 31, 1987

SAMPLE DESCRIPTIONS

CG-1 Upper Bowser Rd Grab

Volcanic or metasediment, medium gray, finely crystalline. Skarn assemblage of minerals associated with fractures, minerals include garnet, diopside, calcite? calcopyrite and pyrite.

CG-2 Mastodon Grab

Serpentinized dunite with white precipitate on surface (calcium, quartz)? taken from waste pile at Mastodon adit entrance.

CG-3 Mastodon Grab

Relatively fresh unaltered dunite, lime green on weathered surface. ~2% accessory chromite/magnetite. Taken from roof at entrance of Mastodon adit.

CG-4 Mastodon Grab

Serpentenized dunite, visable tiny serpentine veinlets throughout. No visable accessory chromite or magnetite grains.

CG-5 Bowser Rd. Grab

Altered volcanic (metasediment?) Large equigranular pyrite (2-3mm) grains (5%). Iron stained on weathered surface, slightly vuggy in places (sulphides weathered out).

CG-6 Bowser Rd. Grab

Well layered shaley/slate unit, heavily iron stained, more schistose in some places than others, very fine grained sulphides, particularily on fracture partings.

CG-7 Bowser Rd. Grab

Basalt dyke; foliation marked by elongate hornblende phenocrysts. Dark gray aphanitic groundmass with primary mafic phenocrysts. Also contains quartzite clasts (5-10cm).

CG-8 Bowser Rd. Grab

Intensely foliated (layered?) volcanic, (metasediment) moderatedly siliceous, no staining or alteration.

CG-9 Bowser Rd. Grab

Porphyritic Basalt (dark spots on pale gray background on weathered surface). Hornblende phenocrysts slightly elongated.

CG-10 Bowser Rd. Grab

Highly stained meta argillate. Sulphides ~10% occur as finely disseminated grains and small veinlets. Outcrop is well layered on a centimeter scale.

CG-11 Bowser Rd. Grab

Well-layered sedimentary sequence, highly stained with disseminated pyrite and pyrrhotite (Magnetic) as well as thin massive pyrite seams which are conformable to bedding.

CG-12 Bowser Rd. Grab

Mafic dyke, almost gabbroic (pyroxinite?). Disseminated pyrite (~5%) coarse grained, crosscuts altered, chloritized sediments.

CG-13, CG-14 Bowser Rd. chip 1 meter

Two shears, one meter apart in stained argillites. Shears are 20-30 cm in width. (Shears are vertical.)

CG-15 Bowser Rd. Grab

Meta-argillite, minor iron staining and disse-inated sulphides. Green on fresh surface. Tan/buff coloured on weathered surfaces.

CG-16 BL00 400N Grab

Intrusive mafic rock, salt and pepper texture, lightly magnetic, poorly developed foliation, some chlorite alteration.

CG-17 BL00 425N Grab

Porphyritic andesite, abundant biotite phenocrysts and plagioclase. 10% chlorite filled vugs (amygdules?) no obvious quality (Diorite, monzonite?).

CG-18 BL00 475E Grab

Very fine grained, medium grey, highly siliceous andesite. Minor foliation (mafics) some chloritization.

CG-19 L600N 475E Grab

Massive dark grey andesite. 5% chlorite filled vesicles. Medium grey on weathered surface.

CG-20 L600N 1000E Grab

Highly mafic (Biotite-rich), non-magnetic andesite (basalt). Minor chloritization.

CG-21 L725N 1150E Grab

Heavily iron stained siliceous meta-argillate. Drusy quartz lenses occur between layers.

CG-22 L950N 1175E Grab

Siliceous limonite stained sediments with 5-10% pyrite disseminated through certain layers. Layers are vaguely marked by colour changes.

CG-23 L1150S 50W Grab

Iron-stained siliceous meta-sed (argillate) with finely disseminated pyrite. Sample, taken from old trench 5' deep 8' wide and 20' long. Rough layering is visable.

CG-24 L150S 600W Grab

Fine-grained andesite with some rusty stained vugs. Very minor, fine-grained disseminated sulphides.

CG-25 L80S 20S Grab

Fine-grained andesite. Iron staining on fractures 2-3% very finely disseminated pyrite.

CG-26 L175S 00W Grab

Serpentinized dunite, dark bluish black on fresh surface. Rusty buff coloured on weathered surface.

CG-27	L200S 400W	Grab
	Slightly iron stained andesite, blocky massive, hornblende phenocrysts on weathered surface.	
CG-28	L475S 1025W	Grab
	Shaly ~eta-seds (argillate) well-developed layering with rusty limonite on shaly partings.	
CG-29	L475S 1075W	Grab
	Medium grained intrusive rock, distinctive pinkish colouring on fresh surface, probably diorite.	
CG-30	L500S 375W	Grab
	Small outcrop of slaty meta-sediments. Hematite stained. Very fine grained no visable mineralization.	
CG-31	L475S 450W	Grab
	Very aphanitic, siliceous greenstone (originally andesite) extremely hard, rings when hit. No visable sulphides. Very minor iron staining.	
CG-32	L775S 50W	Grab
	Salt and pepper intrusive rock, highly magnetitic, minimal alteration. Isolated outcrop. Probably a gabbro dyke.	
CG-33	L700S 500W	Grab
	Highly siliceous, heavily iron stained ~etasediment ~10% finely disseminated sulphides.	
CG-34	L575S 825W	Grab
	Blackish green, highly magnetic volcanic rock. Moderately chloritized, aphanitic (looks like basalt).	
CG-35	L8505S 1000W	Grab
	Dark coloured magnetic volcanic rock looks similiar to CG-34 but is not basaltic because of ~5% quartz blebs throughout andesite).	

CG-36	L725S 550E	Grab

Agglomeritic andesite which is heavily iron stained and contains 2-3% disseminated pyrite.

CG-37	L525S 300E	Grab

High stained siliceous volcanic with 5-10% finely disseminated sulphides. Agglomertic andesite with multilithic well-rounded clasts.

CG-38	L200S 75E	Grab

Highly serpentinized grundgy dunite. All textue (small-scale) feathers and distinctive minerals have been obliterated by serpentinizations.

CG-40	L875S 650W	Grab

Alphanite andesite, dark greyish black with abundant bright green epidote on fracture partings, highly magnetic.

CG-41	L550S 865W	Grab(dump)

Very old hand dug trench (6' wide x 25' long). The sample is from some waste material beside trench (no outcrop in vicinity). Rock is siliceous, heavily stained with limonite. Contains up to 20% disseminated sulphides (mainly pyrite) in vague seams. Could be either volcanic or metasediment.

CG-42	L1875S 50E	Grab

Very hard jade green serpentine (looks similiar to jade) contains ~5-10% disseminated metallic mafics (magnetite and chromite).

CG-43	L1900S 125E	Grab

Sample from large outcrop of serpentinized dunite. Appears to be in a shear zone which trends at N45°E. Hard rounded clots of more resistant material are stuck in the sheared material. CG-43 is one of these clots.

CG-44	L1900S 450E	Grab

Serpentinized dunite has a unique texture on a fresh surface consisting of pistachio green and bluish black vaguely alternating stripes. These are crosscut by bluish black veins and the whole rock contains ~5% accessory magnetite/chromite.

CG-45	L1900S 900E	Grab

Volcanic taken from bluffs of steep gully. Volcanic is highly silicified (almost hornfelsed). Steep gully has appearance of fault.

CG-46	L1875S 1050E	Grab

Very peculiar ultramafic, orange hematitic red staining pervasively throughout the rock. Still highly magnetic with visable magnetite/chromite grains.

CG-47	L1900S 1200E	Grab

Sample from large outcrop of grundgy ultramafic, some orange red staining. 1 grain of sulphide with slightly bronzy colour (pentlandite?).

CG-48	L1975S 875E	Grab

Black mafic (intrusive rock) some serpentinization, somewhat crystaline in texture, highly magnetic (Gabbro).

CG-49	L1675 1025E	Grab

Red-yellow stained serpentinized dunite.

CG-50	L1770S 275W	Grab

High grade chromite ore from dump. Host rock in cut is pale green serpentinized dunite, appears to be quite sheared.

CG-51	L2150S 300E	Grab

Pistachio green dunite with black seams of serpentine. Chromite/magnetite grains are slightly concentrated along these dark seams.

CASTLE PROJECT - HAND SPECIMEN
(for localities see Figure 3)

CM49	Serpentinized dunite - host rock to chromite ore.
CM56A	Felsite dyke cutting CM56A, plagioclase porphyry andesite, assay sample.
CM63	Andesitic to rhyolitic rock; a feldspar, hornblende porphyry with 5% quartz eyes; dacite?
CM72	Andesite - to fine grained diorite with disseminated pyrite.
CM73	Serpentinized dunite or gabbro, magnetic fine grained.
CM74	Andesite - near contact with ultramafic - pyrite.
CM75	Serpentinized dunite (peridotite?), magnetic near ultramafic contact.
CM76	Serpentinized dunite - bluffs at 500 W.
CM77	Andesite, disseminated pyrite at contact zone at 500 N approximately.
CM79	Serpentinized dunite L1650 S and 1250 W.
CM80	Serpentinized dunite.
CM81	Plagioclase porphyry - andesite porphyry, pale green rock, white euhedral feldspars in light green groundmass.
CM83	Serpentinized dunite.
CM84	Quartz feldspars porphyry (cf. CM63) - pyrite, 10% quartz-eyes, with laths like CM63.
CM86	Hornblende porphyry, magnetic, Gabbro?- Diorite?- Andesite?
CM87	Hornblende porphyry - gabbro?, magnetic same as CM86.
CM88	Plagioclase porphyry - gabbro?

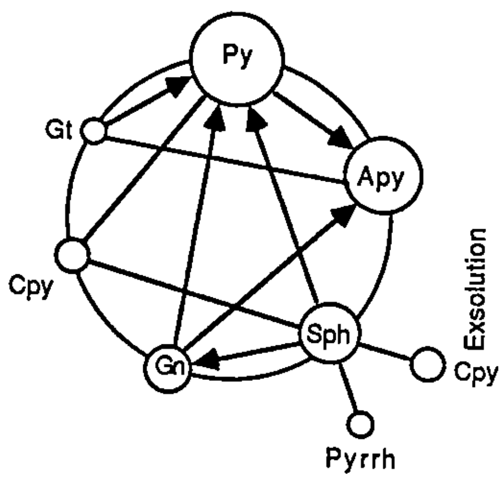
CM89	Serpentinite, serpentinized dunite, magnetic.
CM90	Andesite or poorly developed feldspar porphyry. - poor hornblende laths in feldspathric groundmass - poorly developed plagioclase phenos.
CM91	Gabbro or basalt, fine grained dark grey rock - biotite.
CM92	Andesite, feldspar·porphyry - plagioclase and hornblende phenos in quartz-feldspar-hornblende groundmass.
CM93	Latite?? Feldspar, hornblende porphyry - quartz eyes 2%, hornblende laths, plagioclase phenos, pale green rock, much paler than CM92.
CM94	Plagioclase porphyry - (similar to CM93) well developed plagioclase phenos, less hornblende, 10%+ quartz eyes - same rock type as CM93.
CM95A	Agglomeratic andesite, fine grain, schistose, siliceous, abundant pyrite in fractures and disseminated.
CM96	Andesite (agglomeratic andesite) - schistose, siliceous, 3% pyrite; calcite alteration.
CM97	Plagioclase porphyry - plagioclase hornblende prohyry - very coarse texture, - plagioclase phenos, some hornblende phenos, no quartz eyes.

EXPLANATION ON THE USE OF THE VANDEVEER DIAGRAM

A NEW DIAGRAMATIC SCHEME FOR PARAGENETIC RELATIONS OF THE ORE MINERALS

The ore minerals are arranged on the circumference of a circle and represented by smaller circles. Lines connect each pair of minerals which are observed to be in contact. An arrowhead points toward the mineral replaced where replacement textures are represented. The absence of arrows indicates simultaneous deposition. Minerals formed by exsolution are attached to the primary minerals by a line to the exsolution mineral point, which is outside the hypogene ore mineral circle. Supergene minerals are arrranged on an outer arc and connected by lines to the hypogene minerals which are replaced. The density of the connecting lines in the diagram indicates semiquantitatively the relative replaceability of the host minerals.

After Forbes Robertson and Paul L. Vandeveer
Department of Geology,
Montana School of Mines,
October 16, 1951.



Example: (Above diagram)

Pyrite is replaced by sphalerite, galena and goethite. Arsenopyrite is replaced by galena and pyrite. Galena is replaced by sphalerite. Chalcopyrite is in contact with pyrite and sphalerite, but there is no evidence of replacement. Goethite and arsenopyrite are observed to be in contact. Sphalerite contains exsolution blebs of chalcopyrite and pyrrhotite.

MINERALOGRAPHIC REPORT

by C. L. Soux

For: Shengri La Minerals
Project: Castle Claims
Sample: CG-9K (Mag)

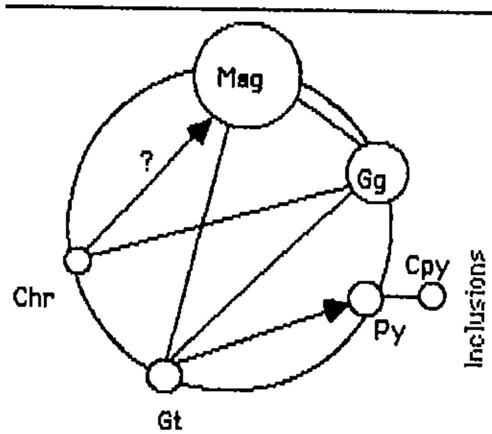
Location:
Collector:
Date Analyzed: March 10, 1987

MACROSCOPIC DESCRIPTION:

Ferromagnetic product of pan concentrate of sample CG-9.

MICROSCOPIC ANALYSIS IN POLISHED SECTION

Abr.	Mineral	Chem. Formula	%	Description
Mag	Magnetite	Fe Fe2 04	88	
Chr	Chromite	(Cr,Al,Fe)2 04	<1	Replaces ? Mag
Py	Pyrite	Fe S2	1	Replaced by Gt
Gt	Goethite	Fe 0 OH	1	Replaces Py
Cpy	Chalcopyrite	Cu Fe S2	<<1	Inclusions in Py
Gg	Gangue		10	Associated with Mag



Vandeveer Diagram

TEXTURES AND DESCRIPTION:

- The sample is composed mainly of magnetite. All other minerals present are seen to be intergrown with this mineral.
- Pyrite is replaced by Goethite and contains inclusions of Chalcopyrite.
- Chromite is closely associated with magnetite. These two minerals display a mutual boundary texture. The replacement of magnetite by chromite is inconclusive.

MINERALOGRAPHIC REPORT

by C. L. Soux

For: Shangri La Minerals
Project : Castle Claims
Sample : CG-7 (N Mag)

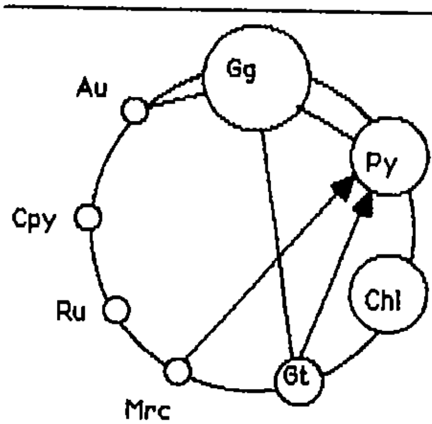
Location :
Collector :
Date Analyzed : March 10, 1987

MACROSCOPIC DESCRIPTION:

Non magnetic product after magnetic separation of pan concentrate at an intensity of 1.5 Amps. (Frantz seperator was used.)

MICROSCOPIC ANALYSIS IN POLISHED SECTION

Abr.	Mineral	Chem. Formula	%	Description
Py	Pyrite	Fe S2	10	Replaced by Gt in part
Mrc	Marcasite	Fe S2f	1	Intergrown with Py
Gt	Goethite	Fe O OH	5	Replaces Py
Ru	Rutile	Ti O2	1	Discrete grains
Cpy	Chalcopyrite	Cu Fe S2	<1	Discrete grains
Au	Gold	Au	<<1	Free
Chl	Chloritoid		10	Free
Gg	Gangue		73	Mainly free



Vandeveer Diagram

TEXTURES AND DESCRIPTION:

- Pyrite is seen to be replaced by goethite in part.
- Marcasite is intimately intergrown with pyrite and replaces it.
- Two particles of free gold and one intergrown with quartz were observed.

MINERALOGRAPHIC REPORT by C. L. Soux

For: Shangri La Minerals
Project : Castle Claims
Sample : CG-12K

Location :
Collector :
Date Analyzed : March 10, 1987

MACROSCOPIC DESCRIPTION:

Pan concentrate of sample CG-12.

MICROSCOPIC ANALYSIS IN POLISHED SECTION

Abr.	Mineral	Chem. Formula	%	Description
Py	Pyrite	Fe S2	5	Replaced by Gt
Pyrr	Pyrrhotite	Fe S	4	Replaced by Gt in part
Gt	Goethite	Fe O OH	6	Replaces Py
Chl	Chloritoid		20	Free particles
Mag	Magnetite	Fe Fe2 04	2	Discrete grains
Nicc	Niccolite	Ni As	1	Discrete grains
Gg	Gangue		72	Discrete particles

TEXTURES AND DESCRIPTION:

- Pyrite is replaced to a large extent by Goethite.
- Magnetite is intergrown with minor amounts of ilmenite.
- Niccolite, chloritoid, and gangue are present mainly as free particles with no association to other minerals.

MINERALOGRAPHIC REPORT

by C. L. Soux

For: Shangri La Minerals
Project : Castle Claims
Sample : CG-43K

Location :
Collector :
Date Analyzed : March 10, 1987

MACROSCOPIC DESCRIPTION:

Pan concentrate of sample CG-43, with ferromagnetic fraction removed.

MICROSCOPIC ANALYSIS IN POLISHED SECTION

Abr.	Mineral	Chem. Formula	%	Description
Py	Pyrite	Fe S2	5	Free particles
Mill	Millerite	Ni S	5	Free particles
Chr	Chromite	(Cr,Al,Fe)2 04	2	Free particles
Apy	Arsenopyrite	Fe As S	1	Free particles
Mag	Magnetite	Fe Fe2 04	<1	Free particles
Ru	Rutile	Ti 02	1	Free grains
Chl	Chloritoid		2	Free grains
Gg	Gangue		85	Contains inclusions of Ru and Mag

TEXTURES AND DESCRIPTION:

- The sample is composed mainly of free particles of minerals.
- Gangue, mainly quartz, contains inclusions of rutile and magnetite.

MINERALOGRAPHIC REPORT

by C. L. Soux

For: Shangri La Minerals
Project : Castle Claims
Sample : CG-9K (0.5 A.)

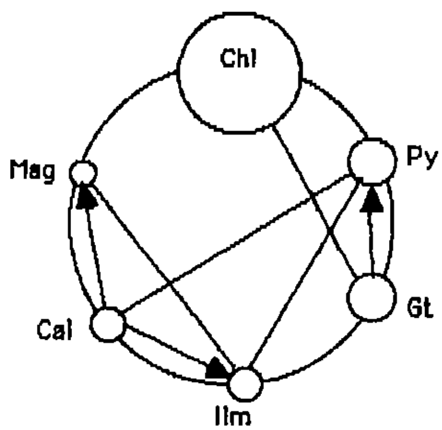
Location :
Collector :
Date Analyzed : March 10, 1987

MACROSCOPIC DESCRIPTION:

Magnetic product at 0.5 Amp of panned concentrate from sample CG-9. (Frantz isodynamic seperator was used.)

MICROSCOPIC ANALYSIS IN POLISHED SECTION

Abr.	Mineral	Chem. Formula	%	Description
Chl	Chloritoid		90	
Py	Pyrite	Fe S2	3	
Gt	Goethite	Fe O OH	3	
Ilm	Ilmenite	Fe Ti O3	2	
Mag	Magnetite	Fe Fe2 O4	<1	
Cal	Calcite	Ca CO3	2	



Vandeveer Diagram

TEXTURES AND DESCRIPTION:

- Most abundant mineral is chloritoid.
- Ilmenite is intimately intergrown with calcite, displaying a mirmekitic texture. Calcite replaces ilmenite and magnetite.
- Pyrite particles are partly replaced by goethite.

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
AU** PT** BY FA-MS. SAMPLE TYPE: ROCK CHIPS

DATE RECEIVED: OCT 18 1986 DATE REPORT MAILED: Oct 28/86 ASSAYER. D. Toye .DEAN TOYE. CERTIFIED B.C. ASSAYER.

SHANGRI-LA MINERALS PROJECT - CASTLE FILE # 86-3281

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB	Pt** PPB
CG-5	2	29	10	107	.1	7	11	971	4.48	3	5	ND	3	72	1	2	2	141	2.15	.086	6	12	1.57	33	.21	25	2.30	.21	.18	1	1	2
CG-6	19	79	11	79	.4	18	8	396	3.93	10	5	ND	3	61	1	4	2	166	.72	.090	5	55	1.28	83	.33	3	1.89	.26	.66	1	15	5
CG-7	1	21	3	60	.3	17	10	305	3.07	2	5	ND	9	79	1	2	2	80	.87	.196	37	51	1.15	269	.39	2	1.59	.16	.94	1	1	2
CG-8	2	28	8	47	.3	7	5	332	2.88	4	5	ND	2	193	1	5	2	108	1.51	.093	5	25	.33	58	.14	10	1.81	.41	.08	1	36	2
CG-9	2	27	5	61	.1	14	10	348	3.38	4	5	ND	16	58	1	2	2	87	.90	.162	31	48	1.08	240	.32	2	1.27	.16	.63	1	8	3
CG-10	37	63	9	84	.4	43	11	366	4.55	99	5	ND	3	51	1	3	2	141	.48	.063	3	26	1.30	45	.21	4	1.90	.11	.58	1	11	4
CG-11	8	34	8	128	.2	12	8	468	3.96	15	5	ND	3	188	2	4	2	141	1.39	.078	5	18	1.11	78	.23	7	2.77	.32	.39	1	1	2
CG-12	3	23	6	69	.3	8	15	459	3.95	10	5	ND	11	83	1	2	2	100	1.10	.274	48	31	1.51	307	.39	2	1.69	.13	.95	1	3	2
CG-13	2	39	8	128	.3	21	10	463	4.28	2	5	ND	4	65	1	2	2	166	.37	.064	7	43	1.44	212	.22	2	2.36	.09	.68	1	4	2
CG-14	2	35	15	141	.1	24	11	642	5.30	2	5	ND	4	49	1	9	2	154	.33	.075	7	41	1.71	64	.16	2	2.38	.06	.19	1	3	3
CG-15	1	96	4	43	.2	14	10	242	2.63	2	5	ND	4	66	1	2	2	104	1.03	.164	9	18	1.23	93	.22	2	1.37	.15	.24	1	6	5
CM-50	1	12	8	16	.4	363	8	628	.91	2	5	3	1	26	1	2	9	15	.75	.001	2	5936	5.37	2	.01	23	1.04	.03	.01	2	1018	7
CM-54	1	17	13	82	.2	19	8	974	3.42	2	9	ND	4	112	1	2	2	104	5.89	.070	2	147	1.04	155	.17	2	2.10	.35	.42	1	19	4
CM-55	2	3	4	17	.2	1502	56	524	4.38	22	5	ND	1	4	1	2	2	7	.04	.011	2	581	15.88	3	.01	122	.11	.03	.01	1	25	6
CM-56	1	19	8	100	.2	10	11	787	4.40	5	5	ND	3	724	1	2	2	99	3.11	.082	4	22	1.63	504	.17	2	2.60	.31	1.24	1	2	2
CM-57	5	55	18	52	.5	43	5	198	2.03	57	5	ND	2	20	1	8	3	44	.15	.052	10	83	.69	43	.01	4	.66	.01	.10	2	10	2
CM-66	1	7	17	4	.5	6	1	62	.46	3	5	ND	1	4	1	2	2	1	.02	.001	2	7	.03	10	.01	2	.06	.01	.02	1	1	2
CM-69	1	149	12	131	.3	20	21	1183	6.26	10	5	ND	3	92	1	2	2	150	2.95	.147	10	54	2.70	192	.13	2	2.60	.08	.95	2	2	3
CM-71	3	70	10	156	.3	14	14	1045	4.66	81	6	ND	5	258	2	2	2	138	5.00	.121	5	23	1.30	108	.15	3	4.73	.59	.69	1	35	3
STD C/FA-5X	20	59	40	133	7.2	68	28	1006	3.97	41	16	7	34	48	17	17	22	64	.47	.102	35	57	.88	181	.08	36	1.72	.08	.14	13	103	99

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

WHOLE ROCK ICP-MS ANALYSIS

.100 GRAM SAMPLE FUSED WITH LiBO2 AND LEACHED WITH 5% HNO3.ANALYSIS BY ICP-MASS SPECTROMETER.

\- Sample Type: Rock Chips

DATE RECEIVED: OCT 29, 1986 DATE REPORT MAILED: *Nov 10/86* ASSAYER. *D. Toye* ...DEAN TOYE. CERTIFIED B.C. ASSAYER

SHANGRI-LA MINERALS PROJECT: CASTLE File # 86-3281 Page 1

SAMPLE#	Be PPM	Rb PPM	Y PPM	Zr PPM	Nb PPM	Sn PPM	Cs PPM	La PPM	Ce PPM	Pr PPM	Nd PPM	Sm PPM	Eu PPM	Gd PPM	Tb PPM	Dy PPM	Ho PPM	Er PPM	Tm PPM	Yb PPM	Lu PPM	Hf PPM	Ta PPM	W PPM	Th PPM	U PPM
CG-5	10	52	25	87	4	2	2	14	30	5	17	31	1	2	1	4	1	2	1	2	1	3	1	3	5	2
CG-6	10	75	20	111	3	2	3	13	27	2	16	35	1	3	1	3	1	2	1	2	1	2	1	2	5	3
CG-7	10	77	26	213	17	2	5	66	126	9	59	69	2	4	1	4	1	2	1	2	1	6	1	2	14	3
CG-8	10	85	20	87	3	2	4	14	30	2	16	32	1	2	1	3	1	2	1	2	1	2	1	2	4	2
CG-9	10	134	27	279	34	2	4	74	140	9	61	85	2	4	1	4	1	2	1	3	1	8	2	2	27	6
CG-10	10	81	20	90	4	2	4	15	27	2	17	34	1	3	1	2	1	2	1	2	1	2	1	2	6	4
CG-11	10	55	21	97	4	2	4	15	31	2	18	49	1	2	1	3	1	2	1	2	1	4	1	2	5	2
CG-12	10	89	29	199	29	2	3	97	174	12	81	108	3	6	1	4	1	2	1	3	1	6	1	2	14	3
CG-13	10	78	21	92	3	2	4	17	31	3	17	39	1	2	1	3	1	3	1	3	1	3	1	2	5	2
CG-14	31	66	22	112	5	2	2	17	37	3	20	37	1	3	1	4	1	2	1	3	1	3	1	3	5	3
CG-15	10	35	23	84	4	2	3	21	43	3	27	43	2	3	1	3	1	2	1	2	1	3	1	2	5	2
CM-50	10	2	2	2	2	2	2	1	2	1	1	6	1	1	1	1	1	1	1	1	1	1	1	2	1	1
CM-54	10	42	18	69	3	2	5	10	23	2	13	23	1	2	1	2	1	1	1	2	1	2	1	2	3	1
CM-55	10	2	2	8	2	2	2	1	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	6	1	1
CM-56	10	96	19	81	3	2	9	15	38	2	19	44	1	2	1	3	1	2	1	3	1	2	1	2	3	2
CM-57	10	25	12	42	2	2	2	10	20	1	10	19	1	1	1	2	1	1	1	1	1	1	1	10	3	2
CM-66	10	3	2	5	2	2	2	1	2	1	1	3	1	1	1	1	1	1	1	1	1	1	1	2	1	1
CM-69	10	48	18	79	4	2	4	19	44	3	24	36	1	3	1	3	1	2	1	3	1	2	1	20	5	2
CM-71	10	110	24	88	4	2	5	22	41	3	24	37	1	3	1	3	1	2	1	3	1	3	1	7	5	3
DETECTION	10	2	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

WHOLE ROCK ICP ANALYSIS

A .1000 GRAM SAMPLE IS FUSED WITH .60 GRAM OF LIBO2 AND IS DISSOLVED IN 50 MLS 5% HNO3.
- SAMPLE TYPE: ROCK CHIPS

DATE RECEIVED: OCT 29 1986 DATE REPORT MAILED: *Nov 10/86* ASSAYER. *D. Toye* .DEAN TOYE. CERTIFIED B.C. ASSAYER.

SHANGRI-LA MINERALS PROJECT-CASTLE FILE # 86-3281 PAGE 1

SAMPLE#	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %	P2O5 %	MnO %	Cr2O3 %	Ba PPM	Loi %	Sum
CG-5	58.16	16.04	7.30	3.10	5.77	3.00	2.75	.67	.27	.15	.01	1075	3.1	100.06
CG-6	59.78	16.03	5.92	3.03	5.08	3.20	1.85	.69	.24	.08	.01	1105	4.4	100.12
CG-7	57.54	15.00	7.69	4.38	6.19	2.75	3.10	.96	.51	.10	.01	1900	1.4	100.00
CG-8	58.66	15.91	6.97	2.68	7.65	2.30	3.75	.68	.24	.16	.01	2421	.6	100.08
CG-9	58.76	15.47	6.71	3.49	5.19	2.95	4.15	.91	.41	.09	.01	1504	1.7	100.13
CG-10	60.79	15.77	6.45	2.30	3.12	2.90	2.90	.67	.18	.05	.01	1276	4.7	100.11
CG-11	62.52	15.73	5.91	2.11	4.29	2.85	2.05	.73	.22	.08	.01	1196	3.4	100.13
CG-12	53.92	15.56	8.74	4.75	6.46	2.80	3.90	.98	.73	.12	.01	2155	1.7	100.09
CG-13	61.37	16.46	6.36	2.60	1.91	3.35	2.90	.75	.18	.07	.01	1604	3.8	100.07
CG-14	58.77	17.15	7.54	2.94	1.34	4.70	2.40	.76	.20	.08	.01	1368	4.0	100.15
CG-15	55.19	16.12	8.59	5.14	6.38	4.70	1.05	.82	.44	.13	.01	418	1.4	100.11
CM-50	25.26	11.09	17.23	22.89	1.86	.05	.15	.19	.06	1.06	12.75	18	6.9	99.49
CM-54	57.14	13.52	5.85	2.14	9.90	2.45	1.65	.55	.19	.17	.46	857	6.0	100.19
CM-55	48.00	.63	9.92	24.16	.15	.05	.15	.01	.10	.12	1.13	11	14.7	99.12
CM-56	57.44	15.57	7.42	3.23	5.49	3.30	2.90	.63	.24	.13	.10	1391	3.4	100.12
CM-57	86.95	4.44	2.95	1.39	.26	.05	.95	.19	.13	.02	.07	317	2.6	100.06
CM-66	97.81	.81	.60	.06	.08	.30	.10	.01	.01	.01	.01	36	.4	100.21
CM-69	51.35	15.61	10.10	4.77	5.77	4.20	1.75	.80	.42	.17	.01	593	5.0	100.06
CM-71	56.39	16.95	7.53	2.50	7.27	1.15	4.15	.70	.35	.18	.01	1748	2.5	100.02
STD SO-4	67.70	10.75	3.45	.99	1.63	1.40	2.00	.55	.23	.07	.01	768	11.5	100.03

ACME ANALYTICAL LABORATORIES LTD.
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: NOV 6 1986

DATE REPORT MAILED: Nov 12/86

GEOCHEMICAL ICP ANALYSIS

CR - .1 GM SAMPLE IS FUSED WITH NA2O2 AND LEACHED WITH 3-1-2 HCL-HNO3-H2O.
- SAMPLE TYPE: ROCK CHIPS PD** RH** BY FA-MS.

ASSAYER: D Toye ... DEAN TOYE. CERTIFIED B.C. ASSAYER.

SHANGRI-LA MINERALS PROJECT-CASTLE FILE# 86-3281 R PAGE 1

SAMPLE#	Cr PPM	Pd** PPB	Rh** PPB
CG-5	3	2	14
CG-6	72	3	8
CG-7	97	3	7
CG-8	25	2	5
CG-9	88	2	2
CG-10	31	2	2
CG-11	20	2	2
CG-12	71	2	2
CG-13	51	2	2
CG-14	42	4	2
CG-15	44	8	2
CM-50	56176	7	6
CM-54	3114	2	2
CM-55	6279	4	5
CM-56	513	2	2
CM-57	488	4	2
CM-66	5	2	2
CM-69	83	6	2
CM-71	40	29	2

ACME ANALYTICAL LABORATORIES
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: JAN 9 1987
DATE REPORT MAILED: Feb 4/87

GEOCHEMICAL FIRE ASSAY ICP-MS ANALYSIS

10.0 GRAM SAMPLE IS FIRE ASSAY CONCENTRATED.THE SOLUTION OF THEDORE BEAD IS ANALYZED BY ICP/MS.
CR & NI WR FUSION /ICP.
- SAMPLE TYPE: Pulp

ASSAYER: D. Toye /DEAN TOYE, CERTIFIED B.C. ASSAYER

SHANGRI-LA MINERAL File # 87-0044R Page 1

SAMPLE#	Au PPB	Pt PPB	Pd PPB	Rh PPB	Cr PPM	Ni PPM
DDH-29 20346	3	3	4	2	1628	1530
DDH-29 20347	4	3	3	2	2733	2170
DDH-29 20348	5	9	5	2	2210	2041
DDH-29 20349	22	6	2	2	2850	1972
DDH-29 20350	33	10	12	3	2326	2051
DDH-30 23007	34	6	3	2	2035	1890
DDH-30 23008	13	7	6	2	2094	1916
DDH-30 23009	16	4	6	2	2326	2143
DDH-30 23010	4	7	5	2	2384	2062
DDH-30 23011	3	9	12	2	2210	1996
DDH-30 23012	9	5	2	2	2094	2026
DDH-30 23013	5	2	2	2	2850	2100
DDH-30 23014	6	5	2	2	2035	1974
DDH-31 23015	5	9	8	2	2210	1889
DDH-31 23016	4	4	2	2	1803	1535
DDH-31 23017	10	4	3	2	2384	2054
DDH-31 23018	1	2	2	2	523	395
DDH-31 23019	11	2	4	2	1803	1613
DDH-31 23020	50	2	2	2	32	40
DDH-31 23021	1	2	2	2	38	44
DDH-32 23023	1	7	4	2	1977	1872
DDH-32 23024	1	3	2	2	2326	2154
DDH-32 23026	1	5	2	2	1977	1858
DDH-33 23027	1	3	2	2	2384	2052
DDH-33 23028	3	3	2	2	2268	2101
DDH-33 23029	1	3	2	2	2210	2136
DDH-33 23030	1	5	2	2	2675	1909
DDH-33 23034	1	3	2	2	1919	1862
DDH-33 23037	3	2	2	2	698	634
DDH-33 23040	1	2	2	2	2268	1948
DDH-33 23041	3	2	2	2	2268	1991
DDH-33 23042	1	2	2	2	2152	2053
DDH-33 23043	24	2	2	2	2326	2027
DDH-33 23044	1	2	2	2	2210	2072
DDH-33 23045	1	2	2	2	407	364
DDH-33 23046	4	5	3	2	2152	1718
DETECTION LIMIT	1	2	2	2	5	5

SHANGRI-LA MINERAL FILE # 87-0044 R

SAMPLE#	Au PPB	Pt PPB	Pd PPB	Rh PPB	Cr PPM	Ni PPM
DDH-33 23047	4	2	2	2	135	47
DDH-33 23048	27	3	3	2	562	260
DDH-33 23049	7	2	4	2	185	92
DDH-34 20351	2	6	2	2	2159	1545
DDH-34 20352	1	2	2	2	2506	1657
DDH-34 20353	2	6	5	2	2268	1562
DDH-34 20354	4	5	8	3	2359	1632
DDH-34 20355	5	10	13	2	2875	1629
DDH-34 20356	5	7	2	2	2747	1629
DDH-34 20358	1	5	9	2	1588	1204
DDH-34 20359	2	7	5	2	2431	1326
DDH-34 20360	2	2	2	2	66	36
DDH-34 20361	1	2	2	2	47	30
DDH-34 20362	2	2	4	2	320	72
DDH-34 20363	7	3	2	2	77	52
DDH-34 20364	1	2	6	2	240	137
DDH-34 20365	1	11	6	2	2383	1509
DDH-37 23033	2	2	2	2	223	123
DDH-37 23035	4	2	2	2	48	37
DDH-37 23036	20	2	2	2	28	23
DDH-37 23037	5	3	3	2	79	63
DDH-37 23038	9	3	3	2	37	23
DETECTION LIMIT	1	2	2	2	5	5

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-ROCK P2-9 SOIL AU** PT** BY FA-MS. Cr*-TOTAL

DATE RECEIVED: NOV 19 1986 DATE REPORT MAILED: Dec 2/86 ASSAYER. D. Toye ...DEAN TOYE. CERTIFIED B.C. ASSAYER.

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SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mo %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB	Pt** PPB	Cr* PPM
CG-32	1	23	14	67	.2	5	9	401	4.03	10	5	ND	1	63	1	2	2	146	1.34	.172	2	7	.44	78	.16	2	.89	.13	.08	1	5	5	12
CG-33	1	27	16	95	.2	15	13	459	4.89	9	5	ND	1	37	1	2	2	123	.77	.097	2	20	1.22	27	.23	2	1.37	.15	.22	1	5	2	44
CG-34	1	32	12	156	.1	19	12	776	6.07	2	5	ND	2	26	1	2	2	149	.62	.089	2	21	1.25	108	.30	2	1.48	.12	.60	1	12	2	38
CG-35	1	18	8	121	.2	34	13	722	5.32	10	5	ND	2	33	1	2	2	166	.66	.116	2	45	1.24	221	.35	3	1.50	.12	.78	1	4	2	60
CG-36	1	19	10	68	.1	6	9	418	4.95	11	5	ND	2	39	1	2	2	116	.55	.104	2	12	.46	35	.31	4	.88	.08	.15	1	11	2	14
CG-37	3	38	39	83	.7	5	5	333	2.95	10	5	ND	2	53	1	2	2	106	.67	.066	2	12	.76	23	.13	2	1.79	.19	.11	1	53	2	12
CG-38	3	6	6	54	.1	2455	88	796	4.83	261	5	ND	1	5	1	2	2	8	.05	.013	2	248	24.94	5	.01	53	.05	.03	.01	1	9	7	2566
CG-39	5	9	2	48	.1	2266	83	718	4.50	218	5	ND	1	3	1	2	2	10	.04	.008	2	339	25.04	3	.01	60	.04	.03	.01	2	9	3	2679
CG-40	1	89	8	79	.3	43	11	641	3.29	6	5	ND	2	54	1	2	2	92	1.35	.094	2	21	1.07	123	.22	3	1.39	.16	.32	1	7	2	46
CG-41	1	29	22	96	.2	21	12	408	4.84	6	5	ND	2	43	1	2	2	89	.85	.089	2	19	1.01	24	.23	2	1.60	.15	.11	1	27	2	28
CG-41A	1	27	16	107	.2	17	12	384	4.91	4	5	ND	1	43	1	2	2	88	.89	.091	2	14	.90	23	.24	2	1.58	.15	.11	1	6	2	47
CG-42	3	6	2	29	.1	1762	64	340	3.10	22	5	ND	1	2	1	2	3	14	.19	.005	2	972	21.27	12	.01	156	.27	.03	.01	2	1	6	2493
CG-43	4	3	6	47	.1	2339	83	968	4.86	22	5	ND	1	2	1	2	2	15	.36	.005	2	791	21.36	2	.01	268	.08	.04	.01	5	3	9	3478
CG-44	1	4	6	28	.1	2508	91	826	6.01	58	6	ND	1	11	1	2	30	12	1.41	.007	2	1042	26.19	11	.01	149	.09	.06	.02	1	15	3	6797
CG-45	1	5	8	57	.2	13	3	872	2.20	7	5	ND	1	104	1	2	9	43	1.70	.073	6	8	.70	24	.12	6	.84	.06	.08	1	3 ✓	2	12
CG-46	4	14	20	30	3.1	1113	51	501	3.67	26	114	7 ✓	14	16	1	2	35	10	.10	.009	2	348	14.10	8	.01	20	.03	.03	.19	12	5	3	2667
CG-47	2	8	5	32	.1	1872	68	465	4.37	11	5	ND	1	21	1	2	3	12	.07	.007	2	776	18.68	7	.01	40	.09	.03	.01	1	3	4	2744
CG-48	4	15	8	65	.1	1924	65	534	3.00	128	5	ND	1	135	2	2	2	5	1.38	.006	2	265	20.57	8	.01	133	.04	.04	.01	1	34 ✓	3	3728
CG-49	2	3	8	24	.1	1548	72	680	5.08	10	5	ND	1	20	1	2	7	7	.16	.007	2	671	15.52	18	.01	19	.03	.03	.01	1	1	2	6087
CG-50	1	2	2	66	.2	542	21	1185	1.43	2	5	ND	1	20	1	7	20	17	.82	.003	2	8188	7.09	3	.01	31	1.18	.03	.01	1	126	6	58918
CG-51	4	6	5	28	.1	2178	81	709	4.91	13	6	ND	1	1	1	2	3	5	.09	.007	2	133	22.83	2	.01	160	.03	.03	.01	3	4	2	3775
L500S 150W C	1	23	14	61	.4	42	12	354	3.04	2	6	ND	12	119	1	2	2	76	1.30	.247	33	93	1.39	230	.32	4	1.69	.16	.27	1	2	2	824
L500S 00W C	1	14	14	85	.2	24	11	456	3.82	4	5	ND	8	109	1	2	2	100	1.01	.203	21	47	1.38	228	.30	4	2.01	.16	.50	2	6	2	181
STD C/FA-5X	22	61	43	144	7.1	75	30	1070	3.89	43	19	8	32	48	19	17	19	65	.48	.108	38	61	.88	176	.08	35	1.73	.07	.11	13	104	97	-

✓ Au Interference from U

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB	Pt** PPB	Cr* PPM
LS5 75E	1	25	21	178	.2	21	11	826	2.71	17	5	ND	5	90	1	2	3	50	.61	.207	10	25	.55	271	.12	4	2.62	.05	.20	2	12	2	44
LS5 100E	1	18	21	145	.1	9	6	2189	1.55	4	5	ND	1	80	1	2	2	29	.52	.201	5	14	.25	373	.09	4	1.39	.05	.12	1	4	2	30
LS5 125E	2	31	19	155	.2	14	10	1541	2.59	27	5	ND	2	69	1	2	2	45	.47	.179	8	17	.35	252	.13	4	2.48	.05	.12	1	12	2	34
LS5 150E	2	26	17	128	.1	14	10	1070	2.78	11	5	ND	2	72	1	2	2	46	.48	.078	5	13	.38	183	.10	3	1.88	.04	.13	1	5	2	34
LS5 175E	1	26	24	200	.2	17	11	1689	3.18	23	5	ND	3	73	2	6	2	52	.46	.132	5	19	.35	271	.12	4	2.34	.05	.12	1	2	2	36
LS5 200E	1	29	22	191	.1	16	9	764	2.81	21	5	ND	3	48	1	2	2	48	.30	.188	8	17	.37	194	.13	5	2.49	.05	.14	1	5	2	40
LS5 225E	1	40	25	181	.3	19	13	1667	3.85	19	5	ND	1	122	1	2	2	87	1.10	.197	4	20	.84	165	.06	4	1.77	.05	.15	1	5	2	36
LS5 250E	2	32	14	136	.3	14	9	1571	2.58	20	5	ND	3	77	1	2	2	42	.78	.133	8	15	.30	155	.11	4	2.21	.05	.11	2	17	2	32
LS5 275E	2	35	22	162	.2	19	11	1291	3.62	33	5	ND	3	65	1	2	3	54	.43	.125	10	18	.44	166	.13	3	2.75	.05	.13	2	3	2	81
LS5 300E	1	23	13	131	.2	17	8	1252	2.37	6	5	ND	3	92	1	3	2	49	.88	.067	10	17	.36	157	.12	4	2.14	.05	.13	1	25	2	38
LS5 325E	3	33	34	177	.2	24	10	2083	4.56	17	5	ND	1	136	2	3	2	82	1.14	.134	2	20	.64	159	.08	3	2.23	.08	.22	1	4	2	37
LS5 350E	2	26	38	192	.3	16	10	1670	3.63	17	5	ND	2	75	2	2	2	74	.56	.131	7	20	.57	180	.10	4	2.45	.05	.24	1	2	2	36
LS5 375E	2	21	18	149	.4	17	9	1082	3.88	13	5	ND	4	64	1	3	2	87	.39	.109	8	22	.66	178	.13	2	2.62	.05	.30	1	1	2	47
LS5 400E	1	18	11	140	.1	14	7	636	2.62	11	5	ND	3	57	1	2	4	56	.33	.115	8	19	.40	183	.12	4	2.23	.04	.20	1	1	2	52
LS5 425E	2	30	30	241	.6	26	17	1088	4.60	49	5	ND	2	72	1	2	3	78	.45	.188	5	27	.44	140	.12	5	2.84	.05	.16	2	2	2	41
LS5 450E	1	20	31	203	.3	18	8	1348	2.72	11	5	ND	3	72	2	2	2	58	.58	.190	9	21	.41	196	.13	7	2.36	.05	.16	2	8	2	48
LS5 475E	2	32	21	206	.3	19	11	720	4.25	4	5	ND	4	68	2	2	4	72	.43	.204	7	17	.45	83	.15	4	3.02	.05	.13	1	15	2	41
LS5 500E	2	19	25	234	.1	13	11	1727	3.87	2	5	ND	2	77	1	2	2	91	.51	.171	6	19	.68	154	.13	6	2.58	.09	.27	2	4	2	35
LS5 525E	1	31	15	222	.2	15	12	1673	4.29	12	5	ND	2	102	1	2	2	94	.71	.220	5	18	.73	220	.11	2	2.68	.05	.28	1	4	2	34
LS5 550E	1	17	13	158	.1	20	7	641	2.35	8	5	ND	3	42	1	2	2	50	.32	.145	7	21	.35	163	.12	4	2.06	.05	.12	1	4	2	40
LS5 575E	1	19	12	162	.2	26	7	573	2.22	9	5	ND	3	42	1	3	2	47	.35	.174	10	23	.31	179	.12	5	1.85	.05	.13	2	4	2	74
LS5 600E	1	15	13	159	.2	20	6	315	2.09	4	5	ND	3	32	1	2	2	43	.34	.039	7	18	.25	93	.13	5	2.07	.06	.08	1	17	2	42
LS5 625E	1	18	12	229	.1	15	6	601	2.02	4	5	ND	3	23	1	2	2	37	.21	.155	8	17	.24	112	.13	6	2.23	.05	.08	1	1	2	71
LS5 650E	1	11	9	131	.1	13	6	704	1.89	8	5	ND	2	28	1	2	2	40	.23	.188	6	19	.24	201	.10	4	1.42	.04	.10	1	4	2	68
LS5 675E	1	22	12	126	.2	15	8	791	2.57	8	5	ND	4	40	1	2	2	52	.31	.211	11	21	.33	163	.14	4	2.60	.05	.10	3	1	2	45
LS5 700E	1	17	10	111	.1	17	7	660	2.31	7	5	ND	3	40	1	2	2	50	.31	.170	10	24	.33	193	.13	7	2.08	.05	.09	1	2	2	52
L16S 800W CC	1	7	8	65	.1	173	11	355	2.04	4	5	ND	2	27	1	2	2	41	.27	.141	6	43	.57	164	.12	4	1.40	.04	.07	1	1	2	90
L16S 775W CC	1	9	6	65	.1	156	10	334	2.08	2	5	ND	2	31	1	2	2	43	.31	.172	7	35	.47	121	.12	4	1.68	.04	.09	1	7	2	101
L16S 750W CC	1	12	7	69	.3	137	10	350	2.40	2	5	ND	3	24	1	2	2	54	.27	.107	8	40	.51	119	.14	3	1.69	.05	.12	1	2	2	107
L16S 725W CC	1	17	2	46	.1	20	6	172	2.43	2	5	ND	3	33	1	2	2	67	.41	.046	12	45	.40	78	.16	2	1.12	.05	.17	1	6	2	125
L16S 700W CC	1	11	6	89	.1	243	7	302	2.10	2	5	ND	2	33	1	2	2	41	.34	.089	5	32	.46	98	.13	7	1.92	.06	.12	1	1	2	72
L16S 675W CC	1	8	8	77	.2	32	5	541	1.51	2	5	ND	2	30	1	2	3	32	.24	.184	4	25	.21	196	.09	2	1.18	.05	.11	1	4	2	51
L16S 650W CC	1	6	3	53	.1	230	9	168	1.75	2	5	ND	1	33	1	2	4	28	.19	.091	5	60	.45	115	.11	4	1.70	.05	.05	1	9	2	117
L16S 625W CC	1	11	2	60	.1	108	7	166	1.94	2	5	ND	2	34	1	2	3	43	.25	.164	5	41	.34	130	.12	5	1.61	.05	.05	1	18	2	75
L16S 600W CC	1	5	4	64	.1	128	5	94	1.37	2	5	ND	1	25	1	2	2	24	.15	.238	4	28	.25	192	.09	5	1.43	.04	.07	1	10	2	75
L16S 575W CC	1	4	7	56	.1	88	8	213	1.17	2	5	ND	1	26	1	2	3	17	.19	.029	3	99	.46	64	.06	5	.57	.05	.07	1	4	2	229
STD C/FA-5X	22	59	42	138	7.3	72	29	1034	3.97	36	19	8	35	49	18	17	21	66	.48	.104	37	61	.88	183	.08	35	1.72	.10	.16	13	99	95	-

SHANGRI-LA MINERALS PROJECT - CASTLE FILE # 86-2759

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB	Pt** PPB	Cr* PPM
L16S 525W CC	1	8	11	50	.1	426	14	228	2.06	5	5	ND	2	39	1	2	2	19	.31	.044	2	187	1.21	91	.08	5	1.42	.05	.06	2	9	2	424
L16S 500W CC	1	6	9	42	.3	240	11	271	1.36	8	5	ND	2	25	1	2	3	24	.24	.036	2	69	.44	81	.08	3	1.07	.04	.06	1	6	2	179
L16S 475W CC	1	21	8	90	.3	47	9	298	2.95	4	5	ND	3	28	1	2	2	53	.30	.041	3	25	.57	116	.11	2	2.22	.04	.06	2	88	2	58
L16S 450W CC	1	18	35	124	.1	27	12	1326	4.09	2	5	ND	2	199	1	2	2	73	.69	.061	7	22	.92	222	.11	6	2.52	.06	.10	1	2	2	44
L16S 425W CC	1	15	12	111	.2	44	8	523	2.25	5	5	ND	2	67	1	2	2	40	.37	.117	5	21	.40	104	.14	7	2.50	.05	.08	1	4	2	49
L16S 400W CC	2	19	12	105	.2	34	10	316	2.97	7	5	ND	3	102	1	2	2	60	.36	.054	2	27	.54	60	.15	2	2.18	.05	.07	1	3	2	75
L16S 375W CC	1	12	7	143	.1	71	8	285	2.42	6	5	ND	3	64	1	2	2	49	.24	.053	4	29	.52	81	.13	2	1.91	.04	.07	1	5	2	88
L16S 350W CC	1	14	10	113	.1	164	11	214	2.71	8	5	ND	4	43	1	2	2	58	.28	.061	8	63	.69	104	.14	2	1.87	.04	.10	2	12	2	127
L16S 325W CC	1	12	6	82	.1	48	6	262	2.15	4	5	ND	3	32	1	2	2	47	.28	.087	4	30	.33	108	.13	2	1.86	.05	.08	1	47	2	104
L16S 300W CC	1	6	4	90	.3	63	5	187	1.71	6	7	ND	3	31	1	2	3	36	.27	.097	4	32	.27	113	.11	2	1.31	.04	.07	1	6	2	83
L16S 275W CC	1	11	7	122	.4	53	6	727	1.97	5	5	ND	2	36	1	2	2	44	.35	.155	2	32	.25	135	.11	2	1.45	.05	.08	1	2	2	73
L16S 250W CC	1	16	8	88	.1	68	7	225	2.30	2	5	ND	3	28	1	2	4	48	.27	.078	5	28	.35	51	.12	2	1.82	.05	.08	1	4	2	83
L16S 225W CC	1	13	3	77	.3	260	8	232	1.86	8	5	ND	3	39	1	2	3	29	.28	.091	3	35	.35	81	.11	2	1.97	.06	.07	1	2	2	80
L16S 200W CC	1	14	6	110	.2	141	8	459	2.20	29	5	ND	2	40	1	2	3	41	.41	.099	4	36	.36	88	.12	2	2.01	.06	.07	2	45	2	97
L16S 175W CC	1	12	7	104	.3	254	13	416	2.17	7	5	ND	2	46	1	2	4	35	.48	.044	3	122	1.10	109	.10	2	1.75	.06	.11	1	49	3	301
L16S 150W CC	1	51	12	41	.6	299	8	162	1.81	22	5	ND	2	60	1	2	2	23	.53	.056	6	28	.38	70	.13	4	2.47	.06	.07	2	3	2	53
L16S 125W CC	1	10	4	72	.3	61	5	267	1.84	4	5	ND	5	29	1	2	2	38	.32	.097	6	23	.28	85	.14	4	1.97	.05	.10	2	1	2	157
L16S 100W CC	1	24	11	80	.2	164	11	385	2.51	6	5	ND	2	37	1	2	2	48	.25	.158	2	81	.81	128	.14	2	2.38	.05	.10	1	1	2	165
L16S 75W CC	1	14	10	92	.2	70	7	346	2.77	5	5	ND	3	33	1	2	2	56	.24	.023	5	29	.72	97	.06	2	2.16	.04	.08	1	1	2	70
L16S 50W CC	1	16	15	123	.2	274	14	489	3.38	8	5	ND	4	35	1	2	2	58	.34	.106	9	51	.70	88	.16	2	2.88	.05	.06	1	5	2	122
L16S 25W CC	1	12	13	185	.1	71	9	882	2.73	7	5	ND	3	32	1	2	2	51	.29	.089	4	36	.53	141	.11	2	2.22	.04	.08	1	2	2	88
L16S 00E	2	19	12	183	.4	30	9	513	3.09	8	5	ND	5	34	1	2	3	51	.31	.065	12	24	.44	133	.16	3	2.80	.05	.10	1	1	2	61
L16S 25E CC	1	16	5	255	.3	23	7	699	2.36	9	5	ND	4	27	1	2	2	49	.29	.120	7	27	.35	124	.16	3	2.46	.05	.11	1	1	2	66
L16S 50E CC	1	12	2	111	.2	28	6	403	2.01	7	5	ND	3	31	1	2	2	38	.30	.171	6	21	.27	121	.14	2	2.34	.06	.07	1	14	2	75
L16S 75E CC	1	14	8	78	.3	224	12	358	1.93	13	5	ND	3	28	1	2	3	33	.25	.100	6	66	.56	65	.11	5	1.82	.05	.07	1	3	2	120
L16S 100E CC	1	8	7	54	.2	317	10	189	1.61	16	5	ND	2	33	1	2	2	22	.21	.197	4	61	.53	94	.12	4	2.06	.06	.05	1	8	2	105
L16S 125E CC	1	10	13	60	.3	934	24	218	2.76	37	5	ND	5	41	1	2	2	38	.26	.122	5	138	1.49	168	.15	8	2.98	.06	.07	2	1	2	276
L16S 150E CC	1	7	6	40	.1	362	21	508	1.72	13	5	ND	1	44	1	2	2	21	.27	.096	2	108	1.19	145	.06	7	1.18	.05	.05	1	1	2	196
L16S 175E CC	1	6	4	45	.2	247	22	318	1.73	7	8	ND	2	35	1	2	2	19	.23	.032	2	197	1.07	167	.05	6	.76	.04	.04	2	1	2	337
L16S 200E CC	1	7	9	75	.2	814	59	1018	4.06	20	5	ND	2	36	1	3	2	30	.30	.079	2	523	6.98	146	.06	22	1.13	.06	.05	1	1	2	1016
L16S 225E CC	1	8	9	61	.1	933	50	601	3.40	10	5	ND	2	18	1	2	2	32	.14	.063	2	260	6.29	60	.10	22	1.69	.06	.04	1	3	3	861
L16S 250E CC	1	9	7	66	.2	608	41	601	3.03	20	5	ND	2	20	1	2	2	36	.15	.061	3	281	2.72	67	.09	14	1.53	.05	.07	1	1	2	532
L16S 275E CC	2	5	7	54	.1	961	55	798	3.56	31	5	ND	2	21	1	4	2	21	.19	.045	2	469	9.96	114	.05	65	.99	.06	.05	1	1	3	1226
L16S 300E CC	1	9	8	74	.3	189	16	449	2.37	14	5	ND	3	24	1	2	3	50	.25	.060	5	91	.95	129	.12	9	1.40	.05	.08	1	1	2	167
L16S 325E CC	1	15	10	84	.1	119	12	852	2.54	11	5	ND	2	31	1	2	2	54	.32	.112	5	55	.60	251	.12	9	1.56	.04	.09	1	6	2	138
L16S 350E CC	1	10	11	66	.2	330	31	820	2.27	25	5	ND	2	28	1	2	2	43	.30	.070	3	122	1.09	163	.10	10	1.32	.04	.07	1	12	2	241
STD C/FA-5X	22	57	40	134	6.9	69	28	1015	3.96	41	18	7	33	48	17	17	18	64	.48	.103	33	62	.88	180	.08	36	1.72	.09	.12	12	98	101	-

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB	Pt** PPB	Cr* PPM
L16S 375E CC	1	14	6	51	.1	215	13	276	2.58	6	5	ND	3	30	1	2	2	57	.26	.025	8	76	.87	116	.15	5	1.99	.05	.08	1	2	2	144
L16S 400E CC	1	11	8	54	.1	245	12	238	2.19	13	5	ND	3	25	1	2	2	44	.22	.121	5	55	.59	149	.13	4	1.87	.04	.05	1	1	2	105
L16S 425E CC	1	10	10	75	.3	574	36	635	2.66	22	5	ND	2	29	1	2	2	42	.28	.063	4	121	1.82	180	.11	12	1.65	.05	.05	2	2	2	300
L16S 450E CC	1	12	7	65	.1	296	15	306	2.48	13	5	ND	3	23	1	2	2	50	.23	.083	4	65	.64	169	.16	5	2.17	.04	.05	1	3	2	131
L16S 475E CC	1	12	9	61	.2	727	36	554	2.95	24	5	ND	3	27	1	2	2	47	.23	.037	6	158	1.72	170	.12	7	1.97	.05	.04	1	1	2	280
L16S 500E CC	1	11	15	64	.3	646	47	859	3.32	31	5	ND	3	26	1	2	3	36	.26	.079	3	339	2.97	139	.08	31	1.43	.05	.06	1	1	2	837
L17S 625W CC	1	9	8	39	.3	260	11	179	1.93	3	5	ND	3	21	1	2	2	35	.18	.057	3	53	.60	107	.11	6	1.82	.05	.05	2	4	2	103
L17S 600W CC	1	11	10	70	.3	237	16	327	2.37	5	5	ND	2	22	1	3	2	51	.24	.091	5	76	.89	122	.10	9	1.28	.04	.06	1	604	2	194
L17S 575W CC	1	9	6	54	.1	291	13	211	2.50	3	5	ND	1	23	1	2	2	54	.24	.089	6	67	.76	137	.12	4	1.72	.04	.04	1	14	2	155
L17S 550W CC	1	7	2	37	.1	121	8	216	2.18	3	5	ND	2	20	1	2	2	51	.22	.105	6	48	.40	139	.09	2	1.28	.04	.03	2	33	2	118
L17S 525W CC	1	32	12	70	.2	866	59	1437	3.36	13	5	ND	1	81	1	5	3	27	.61	.075	2	393	7.67	212	.05	28	.96	.07	.06	1	1	6	1275
L17S 500W CC	1	8	8	44	.2	477	25	594	2.24	8	5	ND	3	28	1	2	2	32	.20	.041	6	178	1.82	119	.10	10	1.68	.05	.03	2	1	5	317
L17S 475W CC	2	8	7	54	.2	457	25	377	2.39	10	5	ND	3	26	1	2	2	39	.22	.059	5	125	1.49	123	.13	8	1.88	.05	.04	1	3	2	226
L17S 450W CC	1	8	8	59	.1	291	16	331	2.34	4	5	ND	3	23	1	2	2	48	.23	.074	5	92	.78	154	.12	4	1.70	.04	.05	1	10	2	173
L17S 425W CC	1	7	6	55	.1	288	15	182	1.94	7	5	ND	2	19	1	2	2	36	.16	.043	4	80	.54	156	.14	4	1.81	.04	.05	1	10	2	126
L17S 400W CC	1	4	3	35	.1	391	17	148	1.66	3	5	ND	1	18	1	2	2	23	.13	.019	3	244	1.02	118	.08	5	1.43	.05	.05	2	2	2	337
L17S 375W CC	1	9	9	52	<.1	305	15	160	2.29	5	5	ND	4	24	1	2	2	41	.19	.085	6	84	.72	132	.15	6	2.30	.05	.04	1	2	2	120
L17S 350W CC	1	8	7	45	.1	339	17	99	1.89	6	5	ND	2	21	1	2	2	29	.15	.053	3	57	.58	71	.16	4	2.51	.05	.03	2	15	2	92
L17S 325W CC	2	7	6	59	.2	1132	57	583	3.62	9	5	ND	2	22	1	3	6	25	.18	.029	2	615	8.82	110	.08	52	1.67	.06	.04	1	31	2	991
L17S 300W CC	3	15	2	42	.2	1548	85	780	4.96	17	7	ND	2	10	1	2	8	13	.09	.017	2	620	15.08	56	.01	140	.37	.05	.01	2	39	2	1590
L17S 275W CC	1	5	3	45	.1	547	18	160	2.00	2	5	ND	1	25	1	2	2	20	.20	.014	4	259	1.50	126	.09	14	1.76	.06	.04	1	4	2	411
L17S 250W CC	2	7	20	78	.1	945	63	1271	3.40	15	5	ND	1	29	1	7	7	18	.34	.030	2	660	10.02	164	.03	66	.51	.06	.04	1	17	3	1244
L17S 225W CC	1	8	8	56	.2	314	14	184	2.13	5	5	ND	3	19	1	2	2	40	.17	.103	3	57	.64	132	.14	5	2.10	.04	.06	1	10	2	124
L17S 200W CC	1	10	8	40	.2	117	9	168	2.18	2	5	ND	3	27	1	2	2	47	.27	.043	7	42	.39	133	.14	4	1.93	.05	.07	2	6	2	105
L17S 175W CC	1	8	6	48	.1	119	8	404	1.99	5	5	ND	2	32	1	2	3	40	.29	.150	4	41	.31	218	.10	5	1.58	.04	.07	2	5	2	96
L17S 150W CC	1	9	18	83	.1	384	22	358	1.42	8	5	ND	1	43	1	2	2	19	.29	.077	4	154	.87	186	.07	7	1.17	.06	.05	1	4	2	194
L17S 125W CC	1	10	9	50	.1	185	11	158	2.57	5	5	ND	5	22	1	2	2	58	.24	.058	5	54	.54	97	.14	5	1.80	.04	.04	1	7	2	129
L17S 100W CC	1	7	10	64	.1	212	12	251	2.52	8	5	ND	3	25	1	2	2	53	.24	.083	4	67	.63	112	.13	6	1.71	.05	.05	1	2	2	146
L17S 75W CC	1	8	8	62	.2	144	8	211	2.51	5	5	ND	3	25	1	2	4	60	.28	.092	6	42	.40	119	.12	3	1.63	.04	.06	1	1	2	106
L17S 50W CC	1	11	11	62	.1	187	10	323	2.33	6	5	ND	4	27	1	3	2	49	.26	.077	8	41	.49	174	.15	5	1.97	.05	.07	1	15	2	79
L17S 25W CC	1	11	9	63	.1	99	8	359	2.79	3	5	ND	4	22	1	2	2	64	.24	.126	5	41	.47	110	.15	2	2.04	.04	.06	1	2	2	110
L17S 00E CC	1	15	9	50	.2	67	8	228	2.82	2	5	ND	4	23	1	2	5	66	.26	.129	8	38	.44	114	.14	2	2.21	.05	.04	2	17	2	141
L17S 25E CC	1	13	7	51	.2	63	7	393	2.37	2	7	ND	5	25	1	2	2	54	.25	.103	5	31	.33	138	.14	4	2.03	.05	.06	1	11	2	83
L17S 50E CC	1	18	7	60	.2	40	5	223	1.74	3	5	ND	2	34	1	2	2	32	.26	.113	7	21	.25	118	.12	4	2.05	.05	.06	1	6	2	60
L17S 75E CC	1	11	11	56	.1	163	8	240	1.71	5	5	ND	3	28	1	2	2	29	.19	.105	6	46	.36	146	.12	3	2.03	.05	.05	1	1	2	77
L17S 100E CC	1	45	11	88	.1	296	19	441	2.40	7	5	ND	2	32	1	2	2	42	.26	.135	6	112	1.02	197	.11	6	1.51	.05	.08	1	1	6	211
STD C/FA-5X	21	57	42	134	7.0	70	28	1016	3.97	40	14	8	33	47	18	17	21	64	.48	.101	35	58	.88	177	.08	34	1.71	.09	.12	12	101	100	-

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB	Pt** PPB	Cr* PPM
L17S 125E CC	2	10	13	79	.1	369	26	576	3.25	15	5	ND	3	29	1	2	2	49	.25	.057	3	228	2.68	145	.12	13	1.44	.05	.06	1	1	2	395
L17S 150E CC	1	14	12	69	.1	164	12	351	2.63	2	5	ND	4	28	1	2	2	58	.28	.101	5	60	.77	103	.14	3	1.94	.04	.08	2	8	2	139
L17S 175E CC	2	13	14	125	.1	182	18	1256	2.32	10	5	ND	3	25	1	2	2	45	.21	.046	2	141	1.00	279	.11	6	1.10	.04	.07	1	11	2	257
L17S 200E CC	1	13	13	83	.1	130	14	1149	2.08	16	5	ND	2	37	1	2	2	45	.35	.134	5	64	.55	242	.08	2	1.18	.04	.07	1	2	2	120
L17S 225E CC	2	14	28	78	.1	215	16	847	2.43	12	5	ND	3	45	1	2	2	50	.44	.051	2	72	.68	197	.11	4	1.54	.04	.09	1	4	2	157
L17S 250E CC	1	16	8	70	.1	435	27	457	2.38	15	5	ND	3	32	1	2	2	47	.33	.064	4	71	.99	132	.11	5	1.68	.04	.10	1	1	2	161
L17S 275E CC	2	17	10	87	.1	507	41	660	2.98	21	5	ND	4	28	1	2	2	55	.31	.080	7	218	1.83	128	.12	14	2.02	.05	.07	2	9	2	365
L17S 300E CC	2	13	14	78	.1	639	71	977	2.57	34	5	ND	3	24	1	2	2	36	.26	.070	3	317	3.77	130	.08	24	1.57	.05	.06	2	11	2	510
L17S 325E CC	1	20	10	65	.1	483	43	637	2.82	21	5	ND	4	30	1	2	2	50	.27	.056	9	221	1.61	162	.13	16	2.30	.05	.10	1	2	2	373
L17S 350E CC	2	33	13	87	.1	811	61	1078	3.90	30	5	ND	5	66	1	2	2	45	.56	.110	7	441	4.72	234	.10	40	1.96	.07	.11	1	3	3	813
L17S 375E CC	2	15	11	80	.1	214	16	407	2.87	10	5	ND	4	26	1	2	2	57	.27	.089	6	95	.97	197	.16	6	2.41	.04	.07	1	12	2	193
L17S 400E CC	2	14	9	63	.2	245	14	293	2.32	12	5	ND	4	20	1	2	2	43	.18	.094	5	53	.63	136	.15	3	2.45	.04	.07	1	8	2	146
L17S 425E CC	1	24	10	74	.2	473	24	431	2.19	22	5	ND	3	25	1	2	2	35	.19	.111	4	79	.95	224	.13	5	1.92	.04	.07	1	546	2	141
L17S 450E CC	1	168	11	66	.1	493	20	218	3.04	14	5	ND	4	19	1	2	2	58	.16	.030	6	150	1.39	82	.15	8	2.05	.04	.07	1	6	2	316
L17S 475E CC	2	250	25	90	.1	683	51	1192	3.30	38	5	ND	3	25	1	2	2	47	.23	.099	4	232	2.57	158	.12	21	2.22	.05	.07	1	2	2	453
L17S 500E CC	1	344	10	62	.1	370	27	656	3.21	12	5	ND	4	31	1	2	2	60	.29	.054	14	139	1.23	170	.16	11	2.68	.05	.11	1	18	2	295
L17S 525E CC	2	505	15	52	.1	1052	63	785	3.65	36	5	ND	3	26	1	9	5	29	.24	.050	3	661	9.54	121	.06	87	1.26	.06	.07	1	1	3	1583
L17S 550E CC	1	434	15	55	.1	456	44	715	2.43	14	5	ND	3	34	1	2	2	39	.32	.075	8	195	1.78	156	.10	11	1.87	.05	.08	2	5	2	285
L21S 350E CC	2	14	18	64	.1	1075	59	961	3.61	6	5	ND	2	27	1	6	5	24	.24	.043	5	699	10.26	199	.05	77	1.13	.06	.04	1	6	3	1122
L21S 375E CC	1	15	16	77	.1	436	30	1093	2.31	5	5	ND	2	46	1	2	2	35	.42	.140	5	188	1.48	249	.10	10	1.55	.05	.06	1	3	2	353
L21S 400E CC	1	15	11	69	.1	342	19	616	2.77	2	5	ND	2	31	1	2	2	61	.36	.079	4	128	1.08	137	.11	7	1.41	.05	.06	1	6	2	278
L21S 425E CC	1	12	8	67	.1	293	17	463	2.48	6	5	ND	3	38	1	2	2	51	.36	.117	3	144	.90	224	.10	4	1.24	.05	.07	1	9	2	250
L21S 450E CC	1	7	6	46	.1	151	10	219	1.82	2	5	ND	2	21	1	2	2	39	.21	.034	3	91	.67	107	.09	4	1.13	.04	.05	2	1	2	198
L21S 475E CC	1	11	10	76	.1	590	22	465	2.54	4	5	ND	4	38	1	2	2	41	.33	.110	4	168	1.21	222	.12	8	2.07	.05	.10	1	1	2	278
L21S 500E CC	1	11	8	48	.2	244	14	285	2.76	2	5	ND	3	31	1	2	2	59	.30	.095	5	110	.75	184	.11	6	1.58	.04	.09	3	1	2	237
L21S 525E CC	1	20	13	37	.2	272	13	216	1.88	10	5	ND	3	41	1	2	2	29	.42	.051	6	146	1.49	108	.09	13	1.26	.06	.10	5	5	2	257
L21S 550E CC	1	8	16	38	.1	118	10	173	1.87	6	5	ND	2	24	1	2	2	35	.21	.067	2	71	.54	120	.10	2	1.43	.05	.06	2	1	2	141
L21S 575E CC	1	10	8	38	.1	90	9	140	2.14	6	5	ND	3	27	1	2	2	45	.23	.074	7	62	.44	102	.10	3	1.43	.04	.05	2	111	2	144
L21S 600E CC	1	20	3	45	.2	128	9	187	1.83	3	5	ND	4	36	1	2	2	35	.27	.038	7	63	.51	109	.10	3	1.51	.06	.05	1	3	2	129
L21S 625E CC	1	62	9	40	.3	132	9	186	1.87	7	7	ND	4	23	1	2	2	34	.20	.022	5	62	.51	82	.11	3	1.67	.05	.06	1	35	2	133
L21S 650E CC	1	19	5	45	.2	156	11	495	1.87	4	5	ND	3	31	1	2	2	32	.27	.027	8	73	.69	83	.11	2	1.64	.06	.07	3	4	3	148
L21S 675E CC	1	13	6	63	.1	205	12	304	1.96	8	5	ND	3	31	1	2	2	32	.21	.171	7	69	.62	128	.12	4	2.09	.05	.06	1	1	2	131
L21S 700E CC	1	11	4	57	.3	180	12	276	1.97	6	5	ND	4	27	1	2	3	34	.23	.130	6	74	.70	115	.11	2	1.88	.05	.08	2	2	2	140
L21S 725E CC	1	11	7	63	.2	112	8	336	2.06	6	5	ND	4	34	1	2	2	40	.32	.188	5	63	.50	128	.11	2	1.65	.05	.07	1	7	2	138
L21S 750E CC	1	12	4	51	.1	104	8	372	2.10	6	5	ND	3	35	1	2	3	40	.30	.244	6	62	.47	134	.11	3	1.86	.05	.09	1	5	2	166
L21S 775E CC	1	11	6	48	.1	83	6	399	1.88	5	7	ND	4	31	1	2	2	37	.29	.123	7	48	.37	138	.10	3	1.55	.04	.08	2	36	2	131
STD C/FA-5I	22	57	39	135	7.1	70	29	1020	3.94	41	16	8	34	47	18	17	21	64	.48	.103	33	58	.88	177	.08	33	1.72	.09	.14	12	99	96	-

SHANGRI-LA MINERALS PROJECT [illegible] FILE # [illegible]

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB	Pt** PPB	Cr* PPM
L21S 800E CC	1	20	9	87	.1	171	11	441	3.03	7	5	ND	5	40	1	2	2	60	.40	.218	12	90	.69	159	.14	6	2.41	.05	.12	1	18	2	177
L21S 825E CC	1	16	7	76	.1	28	5	589	1.79	6	5	ND	3	28	1	2	2	32	.25	.077	5	16	.35	335	.11	2	1.82	.05	.10	1	15	2	36
L21S 850E CC	1	18	9	102	.2	46	8	1041	2.80	9	5	ND	4	60	1	2	2	47	.39	.181	5	27	.53	361	.12	2	2.17	.05	.14	1	9	2	83
L21S 875E CC	2	40	26	141	.3	33	11	2754	3.04	9	5	ND	2	110	1	2	2	53	.73	.219	4	39	.97	544	.16	2	2.45	.06	.24	1	2	2	77
L21S 900E CC	2	20	10	86	.2	95	12	1353	3.23	6	5	ND	4	39	1	2	2	64	.37	.103	12	64	.73	260	.16	3	2.53	.05	.18	1	6	2	142
L21S 925E CC	2	19	14	85	.3	88	11	1689	2.88	9	5	ND	3	61	1	2	2	56	.52	.117	7	61	.58	352	.12	2	2.20	.04	.14	1	9	2	163
L21S 950E CC	1	16	7	69	.1	86	9	692	2.47	15	5	ND	4	31	1	2	2	49	.22	.188	6	55	.51	199	.12	2	2.11	.04	.13	1	18	2	116
L21S 975E CC	1	21	13	59	.1	84	10	504	2.61	7	5	ND	5	33	1	2	2	51	.27	.085	8	54	.54	192	.15	2	2.66	.05	.10	1	18	2	105
L21S 1000E CC	1	23	12	57	.1	61	8	1067	2.39	8	5	ND	4	30	1	2	2	48	.24	.116	8	39	.48	234	.15	2	2.71	.05	.08	1	18	2	94
L100S 1100W C	1	15	8	100	.2	21	5	538	1.82	6	5	ND	5	29	1	3	2	35	.25	.246	6	20	.23	193	.13	3	2.19	.05	.14	1	15	2	66
L100S 1075W C	1	19	4	129	.1	23	6	512	1.93	7	5	ND	5	29	1	2	2	38	.22	.282	7	20	.27	218	.12	3	1.96	.05	.15	1	14	2	51
L100S 1050W C	1	13	8	94	.3	19	5	557	1.90	8	5	ND	4	29	1	2	3	36	.29	.141	6	18	.22	194	.13	2	1.96	.04	.11	1	1	2	50
L100S 1025W C	1	15	7	103	.3	20	6	337	2.04	3	5	ND	4	39	1	2	2	42	.33	.219	8	21	.25	140	.13	2	2.09	.05	.14	1	1	2	54
L100S 1000W C	1	14	6	93	.1	17	6	492	2.32	6	5	ND	4	26	1	2	2	54	.28	.220	6	25	.28	171	.13	2	2.01	.04	.11	1	7	2	63
L100S 975W C	1	10	11	145	.1	13	6	780	2.38	4	5	ND	3	22	1	2	2	50	.21	.262	6	27	.28	249	.14	2	1.60	.04	.10	1	2	2	69
L100S 950W C	1	17	7	89	.3	20	6	295	2.02	3	5	ND	3	23	1	2	2	44	.25	.108	8	20	.28	158	.13	3	2.04	.05	.10	1	1	2	60
L100S 925W C	1	14	7	67	.1	18	6	335	2.20	6	5	ND	4	27	1	2	2	50	.29	.125	8	23	.27	130	.13	2	1.97	.05	.07	1	2	2	71
L100S 900W C	1	13	9	143	.2	12	8	834	2.05	2	5	ND	3	31	1	2	2	51	.30	.265	4	16	.29	229	.16	2	2.09	.04	.11	1	1	2	47
L100S 875W C	1	16	10	76	.1	15	6	535	2.23	5	5	ND	4	28	1	2	2	54	.32	.137	9	24	.33	149	.13	2	1.93	.04	.10	1	2	2	70
L100S 850W C	1	12	9	91	.1	16	6	502	2.33	3	5	ND	4	27	1	2	2	53	.30	.228	6	26	.32	177	.13	2	1.93	.04	.09	1	3	2	74
L100S 825W C	1	15	8	86	.1	14	5	286	1.93	3	5	ND	4	20	1	2	2	42	.21	.183	6	23	.24	147	.12	2	1.75	.04	.08	1	275	2	49
L100S 800W C	1	9	10	87	.1	14	5	315	1.73	2	5	ND	3	21	1	2	2	37	.18	.165	4	19	.19	168	.11	2	1.44	.04	.09	1	3	2	52
L100S 775W C	2	15	9	63	.4	19	6	359	2.19	6	5	ND	5	27	1	2	2	53	.27	.086	9	28	.29	154	.13	2	1.83	.04	.10	1	3	2	66
L100S 750W C	1	12	16	85	.1	12	6	951	2.29	4	5	ND	2	32	1	2	2	54	.37	.130	6	23	.34	180	.13	3	1.55	.03	.10	1	6	2	68
L100S 725W C	1	13	7	46	.1	14	5	426	2.21	2	5	ND	4	23	1	2	4	56	.26	.099	8	25	.29	129	.12	2	1.76	.03	.08	1	3	2	64
L100S 700W C	1	13	7	73	.1	15	6	717	2.19	2	5	ND	4	25	1	2	2	51	.29	.142	7	25	.30	193	.12	2	1.96	.04	.09	1	1	2	67
L100S 675W C	1	13	8	64	.1	15	6	649	2.33	7	5	ND	3	21	1	2	2	57	.24	.157	8	24	.26	154	.12	2	1.88	.03	.07	1	4	2	60
L100S 650W C	1	13	11	64	.1	15	6	400	2.34	5	5	ND	3	17	1	2	2	59	.23	.146	7	25	.26	115	.12	2	1.82	.03	.07	1	3	2	77
L100S 625W C	1	21	9	69	.1	19	8	367	2.78	3	5	ND	5	17	1	2	2	64	.21	.128	10	29	.28	124	.14	3	2.43	.04	.08	1	4	2	77
L100S 600W C	1	14	10	55	.2	16	6	403	2.31	5	5	ND	5	23	1	2	2	56	.24	.082	8	26	.26	124	.14	3	2.06	.04	.07	1	2	2	60
L100S 575W C	1	17	8	71	.1	19	7	297	2.35	5	5	ND	6	30	1	2	3	49	.35	.052	11	24	.31	92	.16	2	2.33	.05	.08	1	1	2	66
L100S 550W C	1	18	10	64	.1	16	7	497	2.30	4	5	ND	6	27	1	2	2	52	.27	.152	9	24	.26	121	.13	2	2.19	.04	.08	1	5	2	51
L100S 525W C	1	20	5	106	.1	17	7	619	2.45	5	5	ND	5	19	1	2	2	52	.21	.229	8	25	.36	218	.16	4	2.52	.04	.12	1	2	2	62
L100S 500W C	1	17	10	70	.2	17	6	345	2.40	2	5	ND	6	22	1	4	2	56	.27	.122	11	25	.30	118	.14	2	2.23	.04	.10	1	4	2	57
L100S 475W C	1	17	9	117	.2	18	6	488	2.23	4	5	ND	4	32	1	2	2	45	.27	.155	8	20	.30	193	.14	2	2.30	.04	.12	1	2	2	51
L100S 450W C	1	11	3	34	.1	10	6	241	2.47	2	5	ND	5	26	1	2	2	75	.47	.097	16	33	.34	58	.13	3	.96	.04	.16	1	3	2	92
STD C/FA-5X	21	58	39	137	7.3	69	29	1035	3.95	38	17	8	36	48	18	16	20	65	.48	.104	35	60	.88	182	.08	37	1.72	.09	.15	12	95	102	-

SHANGRI-LA MINERALS PROJECT - CASTLE FILE # [illegible]

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB	Pt** PPB	Cr* PPM
L100S 425W C	1	7	12	63	.2	16	5	304	2.14	3	6	ND	4	22	1	3	2	52	.26	.100	9	28	.25	108	.12	4	1.49	.04	.09	1	8	2	50
L100S 400W C	1	7	14	78	.1	10	4	236	1.66	2	7	ND	4	16	1	2	2	33	.15	.233	5	16	.18	146	.11	2	1.34	.03	.06	1	3	2	49
L100S 375W C	1	10	8	87	.3	15	5	597	1.73	2	8	ND	5	33	1	2	2	33	.22	.282	8	16	.20	201	.11	3	1.80	.04	.05	1	2	2	42
L100S 350W C	1	8	25	156	.1	17	5	936	1.80	2	5	ND	3	55	1	2	2	36	.28	.356	9	21	.21	366	.10	3	1.51	.04	.07	1	1	2	45
L100S 325W C	1	10	19	111	.3	16	4	665	1.67	4	10	ND	5	32	1	3	2	31	.21	.291	8	17	.19	216	.11	5	1.80	.04	.08	2	1	2	35
L100S 300W C	1	14	16	94	.1	15	5	801	2.09	3	5	ND	5	36	1	2	2	46	.27	.181	11	23	.25	180	.13	3	1.85	.04	.07	1	2	2	43
L100S 275W C	1	14	17	88	.1	15	5	586	2.29	2	5	ND	4	39	1	2	2	52	.35	.223	9	28	.27	156	.11	2	1.64	.04	.06	1	3	2	58
L100S 250W C	1	17	15	169	.3	9	5	2036	1.46	4	5	ND	1	47	1	2	2	33	.36	.106	5	17	.15	286	.07	2	.75	.03	.06	2	3	2	45
L100S 225W C	1	7	8	70	.2	15	5	426	2.40	2	5	ND	4	33	1	2	2	60	.40	.189	11	29	.28	140	.11	2	1.31	.04	.05	1	1	2	66
L100S 200W C	3	26	25	149	.2	54	16	748	4.18	11	5	ND	5	50	1	2	2	79	.45	.302	6	29	.77	275	.12	3	1.90	.05	.12	1	5	2	70
L100S 175W C	1	12	10	79	.2	383	20	581	2.55	2	7	ND	4	31	1	2	2	44	.35	.093	5	146	.95	150	.12	3	1.65	.06	.07	1	2	2	519
L100S 150W C	1	17	17	116	.1	28	10	887	3.70	2	5	ND	5	43	1	2	2	79	.48	.062	11	32	.87	148	.15	3	2.38	.05	.08	1	1	2	73
L100S 125W C	1	13	22	134	.1	19	9	1095	3.76	2	5	ND	3	28	1	2	2	76	.30	.061	4	21	.85	132	.13	2	2.20	.05	.09	1	2	2	58
L100S 100W C	1	11	9	149	.2	23	6	323	2.43	2	5	ND	5	22	1	2	2	60	.34	.049	8	29	.36	69	.14	4	1.57	.04	.10	1	1	2	69
L100S 75W C	1	12	14	142	.3	18	6	514	2.36	2	5	ND	5	24	1	4	3	56	.26	.157	9	27	.29	160	.13	3	1.63	.04	.07	1	3	2	60
L100S 50W C	1	13	15	87	.2	16	6	888	2.17	8	5	ND	4	35	1	3	3	50	.37	.159	11	22	.31	164	.12	3	1.79	.04	.08	1	2	2	60
L100S 25W C	1	16	9	91	.1	15	7	822	2.36	2	5	ND	5	34	1	2	2	49	.33	.154	7	21	.31	148	.15	6	2.26	.05	.07	1	1	2	54
L100S 00W C	1	26	19	177	.1	14	8	1312	2.76	4	5	ND	2	53	1	2	2	55	.44	.077	5	16	.55	129	.11	2	1.86	.04	.09	1	1	2	42
L400S 1100W C	2	23	16	111	.3	18	8	883	2.56	13	8	ND	5	49	1	5	2	58	.39	.145	10	18	.45	182	.16	7	2.53	.05	.15	2	4	2	50
L400S 1075W C	2	25	14	124	.3	20	11	875	3.15	5	5	ND	6	46	1	2	2	78	.34	.107	10	25	.61	202	.19	4	2.73	.05	.25	1	3	2	61
L400S 1050W C	1	20	22	142	.4	15	9	1030	2.73	12	5	ND	3	57	1	2	2	62	.46	.093	4	22	.50	259	.16	5	2.55	.04	.32	1	3	2	44
L400S 1025W C	2	28	9	107	.1	18	10	417	3.58	30	5	ND	5	55	1	2	2	92	.42	.073	10	28	.64	197	.20	2	2.95	.05	.40	1	2	2	61
L400S 1000W C	3	28	14	136	.4	18	10	490	3.76	36	5	ND	5	52	1	3	2	98	.44	.049	4	26	.72	172	.20	2	2.79	.05	.44	1	1	2	50
L400S 975W C	1	16	10	239	.3	13	8	1265	2.52	20	5	ND	2	35	1	2	2	55	.25	.188	3	21	.35	222	.11	4	1.84	.04	.21	1	3	2	40
L400S 950W C	2	17	12	171	.2	16	8	846	2.45	15	5	ND	4	51	1	2	2	52	.42	.174	8	20	.37	243	.13	4	2.13	.05	.17	1	3	2	52
L400S 925W C	1	16	9	177	.3	15	7	638	2.06	9	5	ND	4	38	1	2	2	42	.32	.172	6	17	.28	135	.11	4	1.89	.04	.10	2	1	2	52
L400S 900W C	1	17	11	112	.2	14	6	602	2.15	14	5	ND	4	35	1	2	2	47	.32	.152	7	21	.27	150	.12	3	1.93	.04	.10	1	4	2	52
L400S 875W C	1	17	10	92	.2	15	7	477	2.26	8	5	ND	5	35	1	2	2	53	.31	.119	7	22	.32	143	.12	2	1.80	.04	.12	1	15	2	64
L400S 850W C	1	21	8	124	.2	16	8	534	2.77	12	5	ND	4	38	1	2	2	63	.30	.123	8	23	.37	133	.13	3	2.34	.04	.15	1	3	2	53
L400S 825W C	1	20	11	118	.2	17	8	534	2.70	10	5	ND	4	43	1	2	2	62	.38	.104	8	22	.36	145	.13	3	2.18	.04	.16	1	1	2	76
L400S 800W C	2	16	7	103	.2	15	7	595	2.29	5	5	ND	4	34	1	2	2	51	.34	.102	5	22	.33	132	.11	2	1.76	.04	.12	1	3	2	66
L400S 775W C	2	19	12	168	.2	17	8	623	2.50	5	5	ND	4	44	1	2	2	54	.31	.142	5	24	.34	182	.11	3	1.75	.04	.16	1	1	2	62
L400S 750W C	2	22	15	123	.2	19	9	683	2.78	4	5	ND	4	48	1	2	2	64	.42	.122	7	25	.43	176	.13	4	2.09	.04	.25	1	1	2	64
L400S 725W C	1	19	15	129	.2	19	8	632	2.51	3	5	ND	4	52	1	2	2	59	.52	.205	7	26	.37	205	.12	4	1.83	.05	.18	1	1	2	62
L400S 700W C	1	16	9	83	.3	21	7	616	2.43	2	5	ND	4	41	1	2	2	57	.44	.118	7	36	.34	201	.13	5	1.79	.05	.17	2	6	2	68
L400S 675W C	1	15	4	90	.3	19	6	569	2.18	2	5	ND	6	32	1	2	2	49	.33	.184	12	27	.29	185	.11	7	1.57	.04	.14	1	1	2	62
STD C/FA-SX	22	57	36	134	7.1	69	28	1014	3.96	38	18	7	34	48	18	15	18	64	.48	.102	35	61	.88	179	.08	33	1.72	.09	.14	13	99	97	-

SHANGRI-LA MINERALS PROJECT - CASTLE FILE # [illegible] PAGE [illegible]

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB	Pt** PPB	Cr* PPM
L400S 650W C	1	16	8	72	.2	20	6	447	2.32	4	5	ND	4	33	1	2	2	54	.39	.121	11	32	.32	139	.12	3	1.71	.04	.12	1	1	2	90
L400S 625W C	1	18	7	74	.2	21	7	542	2.47	6	7	ND	5	38	1	2	2	57	.44	.156	11	32	.35	170	.12	3	1.83	.05	.12	1	7	2	75
L400S 600W C	1	20	13	83	.1	19	7	555	2.39	3	5	ND	4	51	1	2	2	54	.55	.155	10	27	.39	160	.12	4	2.03	.05	.14	1	1	2	76
L400S 575W C	1	19	18	94	.1	19	7	799	2.25	5	5	ND	3	74	1	2	2	48	.69	.195	13	24	.35	228	.12	5	1.79	.05	.12	1	1	2	69
L400S 550W C	1	21	6	76	.1	19	8	367	2.96	2	5	ND	5	34	1	4	3	75	.36	.076	15	37	.43	129	.15	4	2.13	.04	.16	1	1	2	75
L400S 525W C	1	23	9	77	.2	20	7	349	2.71	2	5	ND	5	36	1	2	2	69	.45	.088	15	35	.41	116	.14	3	1.89	.05	.15	1	8	2	84
L400S 500W C	1	22	11	90	.2	17	8	555	2.84	2	5	ND	4	40	1	2	2	69	.47	.069	14	27	.60	114	.15	4	2.13	.06	.20	1	2	2	70
L400S 475W C	1	29	6	84	.1	21	8	319	3.26	7	5	ND	4	31	1	2	2	86	.37	.132	15	36	.53	91	.15	4	2.44	.04	.12	1	2	3	79
L400S 450W C	1	16	11	88	.1	23	8	595	2.91	5	5	ND	4	33	1	2	2	72	.42	.116	11	42	.50	151	.15	6	2.20	.04	.14	1	1	2	105
L400S 425W C	1	14	9	97	.2	10	6	933	2.20	6	6	ND	2	33	1	2	3	40	.28	.183	7	20	.26	143	.11	4	1.65	.04	.07	1	1	2	47
L400S 400W C	1	16	10	73	.1	17	7	559	2.52	8	5	ND	4	33	1	2	2	59	.31	.136	11	27	.40	172	.14	3	2.21	.04	.11	1	1	2	71
L400S 375W C	1	15	11	80	.2	18	7	692	2.58	4	5	ND	6	32	1	2	2	61	.35	.115	10	32	.40	193	.14	4	1.99	.04	.10	1	1	2	61
L400S 350W C	1	13	8	102	.1	17	7	985	2.57	5	5	ND	4	37	1	2	2	56	.34	.196	10	29	.37	253	.14	3	1.84	.04	.08	1	12	2	62
L400S 325W C	1	13	10	87	.1	17	7	905	2.57	3	5	ND	3	32	1	2	2	63	.41	.080	7	29	.38	162	.13	3	1.66	.04	.10	1	1	2	70
L400S 300W C	1	16	14	78	.1	17	7	609	2.58	4	6	ND	4	29	1	2	2	62	.34	.118	12	31	.38	173	.14	5	1.95	.04	.11	1	4	2	77
L400S 275W C	1	16	8	68	.2	18	7	444	2.62	2	7	ND	6	34	1	2	2	63	.39	.101	13	34	.38	181	.14	3	2.00	.04	.10	1	1	2	77
L400S 250W C	1	16	10	80	.1	15	6	640	2.05	2	5	ND	4	46	1	2	2	42	.37	.133	8	22	.32	220	.13	3	1.96	.04	.11	1	1	2	44
L400S 225W C	1	20	14	179	.1	18	10	1481	2.22	4	5	ND	2	69	1	2	2	42	.60	.254	7	22	.37	330	.12	6	1.78	.05	.13	1	2	2	57
L400S 200W C	1	16	11	77	.1	18	7	723	2.73	7	5	ND	4	30	1	2	2	65	.34	.082	11	29	.40	122	.14	3	2.10	.04	.10	1	2	2	68
L400S 175W C	1	14	7	94	.1	16	6	970	2.31	5	5	ND	2	54	1	2	2	47	.41	.120	8	21	.38	205	.15	3	2.41	.05	.14	1	1	2	61
L400S 150W C	2	20	38	82	.1	8	7	1963	1.43	6	5	ND	1	39	1	4	3	32	.32	.074	4	14	.18	131	.08	2	.92	.04	.07	1	2	2	31
L400S 125W C	1	13	24	94	.2	14	6	1285	2.26	3	5	ND	2	42	1	2	2	49	.44	.073	8	20	.33	174	.12	5	1.78	.04	.10	1	3	2	55
L400S 100W C	1	13	12	63	.1	12	5	651	1.99	2	5	ND	3	24	1	2	2	41	.26	.088	6	16	.25	136	.14	5	2.36	.04	.07	1	1	2	39
L400S 75W C	1	12	9	129	.1	14	6	818	2.61	5	5	ND	3	39	1	2	2	52	.37	.181	6	26	.42	240	.14	4	1.92	.04	.12	1	1	2	64
L400S 50W C	1	14	10	66	.1	14	5	418	1.98	2	5	ND	3	33	1	2	2	39	.37	.084	11	19	.28	107	.14	3	2.33	.05	.07	1	2	2	47
L400S 25W C	1	14	10	59	.2	16	5	381	1.97	4	5	ND	4	33	1	2	2	40	.33	.064	11	20	.29	123	.14	2	2.25	.05	.08	1	2	2	45
L400S 00W C	1	13	11	105	.2	12	5	895	1.99	2	6	ND	3	38	1	2	2	41	.35	.142	8	20	.25	244	.12	3	1.87	.04	.09	1	1	2	57
L500S 1100W BR-15 CC	1	32	7	98	.1	22	11	653	3.18	3	5	ND	3	38	1	2	2	81	.30	.062	8	23	.73	178	.21	3	3.02	.05	.13	1	3	2	53
L500S 1075W RD-15 CC	1	38	11	154	.2	20	11	788	3.03	13	5	ND	4	47	1	2	2	70	.38	.154	7	23	.63	237	.19	6	2.97	.05	.17	1	2	2	47
L500S 1050W BR-15 CC	1	25	7	134	.1	18	9	635	2.73	12	5	ND	4	37	1	2	2	60	.33	.090	7	25	.40	175	.14	5	2.32	.04	.13	1	2	2	62
L500S 1025W BR-15 CC	1	22	11	170	.1	18	9	630	2.64	21	5	ND	3	53	2	2	2	56	.53	.183	10	23	.42	194	.14	6	2.47	.05	.17	1	30	2	51
L500S 1000W BR-15 CC	1	25	7	135	.2	15	8	607	2.51	26	5	ND	4	52	1	3	2	55	.40	.150	9	19	.38	160	.14	8	2.58	.05	.17	1	54	2	90
L500S 975W BR-10 CC	1	24	12	117	.2	15	8	822	2.47	29	7	ND	3	34	1	2	2	52	.30	.137	10	17	.35	159	.15	6	2.83	.04	.13	1	3	2	44
L500S 950W BR-5 CC	1	20	20	247	.1	21	11	1795	3.02	25	5	ND	1	56	2	2	2	67	.47	.133	4	22	.41	255	.12	5	2.27	.05	.12	1	3	2	41
L500S 925W BR-10 CC	2	21	10	132	.2	19	8	528	2.70	21	6	ND	4	34	1	3	2	62	.27	.106	7	23	.41	152	.14	3	2.56	.04	.15	1	5	2	47
L500S 900W RD-10 CC	1	23	6	152	.1	18	8	593	2.68	18	5	ND	2	37	1	2	2	60	.28	.121	8	20	.40	141	.13	2	2.43	.03	.13	1	6	2	57
STD C/FA-5J	21	55	36	133	6.8	69	28	1009	3.95	35	17	7	32	47	17	16	19	63	.48	.100	36	60	.88	176	.08	35	1.72	.09	.12	13	95	100	-

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SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB	Pt** PPB	Cr* PPM
L500S 875W BR-15 CC	2	23	14	140	.3	20	8	435	3.19	14	5	ND	3	45	1	2	2	77	.29	.043	6	25	.55	152	.17	5	2.57	.04	.28	2	9	2	46
L500S 850W C	2	31	15	278	.3	17	10	1888	2.92	15	5	ND	3	68	2	2	2	62	.50	.323	6	23	.52	415	.15	4	2.65	.05	.23	2	3	2	55
L500S 825W C	2	25	13	125	.1	26	9	530	2.94	10	5	ND	4	37	1	2	2	71	.49	.062	8	24	.51	127	.16	2	2.41	.05	.22	1	2	2	70
L500S 800W C	2	23	15	130	.2	23	10	583	2.96	13	5	ND	5	41	1	2	2	69	.41	.102	7	33	.51	158	.15	3	2.43	.04	.21	1	1	2	89
L500S 775W C	3	25	16	156	.2	22	11	745	3.19	13	6	ND	5	45	1	3	4	71	.35	.122	7	30	.49	144	.14	3	2.59	.04	.26	2	11	2	82
L500S 750W C	1	22	7	162	.4	19	8	490	2.55	7	5	ND	4	43	1	2	2	60	.52	.091	9	25	.42	120	.13	6	1.85	.05	.27	1	19	2	88
L500S 725W C	1	14	8	140	.1	15	7	803	2.22	7	5	ND	3	33	1	2	2	49	.30	.146	6	22	.31	195	.11	4	1.66	.04	.13	1	4	2	70
L500S 700W C	1	13	9	69	.1	14	5	325	1.87	2	5	ND	3	21	1	2	2	45	.24	.077	7	22	.24	82	.08	3	1.24	.03	.12	1	3	2	77
L500S 675W C	1	17	7	80	.2	26	7	351	2.50	2	5	ND	3	33	1	2	3	57	.36	.100	8	26	.33	141	.12	3	1.89	.04	.13	1	9	2	83
L500S 650W C	1	14	9	91	.1	18	6	514	2.27	2	5	ND	4	31	1	2	2	53	.35	.131	10	26	.30	183	.11	4	1.57	.04	.11	1	1	2	89
L500S 625W C	1	13	11	70	.1	18	6	431	2.49	2	5	ND	3	39	1	2	3	62	.46	.156	9	28	.29	150	.10	6	1.51	.05	.13	1	2	2	76
L500S 600W C	1	12	8	46	.2	16	5	215	2.38	7	8	ND	4	29	1	3	2	64	.36	.089	9	33	.29	90	.11	4	1.32	.04	.15	3	2	2	87
L500S 575W C	1	13	7	81	.2	16	6	354	2.27	2	6	ND	4	34	1	2	4	56	.40	.154	10	26	.28	154	.11	2	1.37	.05	.12	1	10	2	77
L500S 550W C	1	15	9	98	.1	18	6	435	2.32	4	5	ND	4	37	1	2	2	51	.39	.148	10	26	.30	167	.12	4	1.74	.04	.13	1	2	2	67
L500S 525W C	1	14	10	62	.1	15	6	217	2.50	2	5	ND	5	31	1	2	2	70	.40	.084	11	33	.34	72	.11	4	1.13	.04	.12	1	5	2	90
L500S 500W C	1	38	15	79	.4	22	7	473	2.56	5	8	ND	5	38	1	2	2	56	.49	.047	17	25	.39	97	.15	5	2.32	.06	.12	1	2	2	62
L500S 475W C	1	38	14	63	.2	18	7	259	2.29	11	5	ND	5	41	1	2	2	52	.55	.023	15	29	.37	90	.16	5	2.33	.06	.10	1	4	2	64
L500S 450W C	1	21	10	93	.1	18	7	553	2.47	2	5	ND	4	46	1	2	2	52	.46	.171	13	27	.39	162	.13	6	1.99	.05	.19	1	1	2	69
L500S 425W C	2	17	9	128	.1	16	7	576	2.40	5	5	ND	5	46	1	2	2	53	.40	.207	12	27	.36	193	.11	5	1.62	.04	.12	3	3	2	67
L500S 400W C	1	16	12	105	.1	15	6	580	2.23	4	5	ND	4	36	1	2	2	49	.32	.222	9	25	.35	198	.12	4	1.87	.04	.11	1	1	2	70
L500S 375W C	2	18	11	89	.1	17	8	579	2.64	6	5	ND	5	34	1	2	2	62	.34	.193	10	27	.43	178	.14	4	2.18	.04	.13	1	1	2	62
L500S 350W C	1	18	12	78	.1	18	7	494	2.42	2	5	ND	5	40	1	2	2	55	.36	.116	12	27	.40	200	.14	5	2.05	.05	.14	2	1	2	75
L500S 325W C	2	16	10	101	.1	24	10	517	2.76	4	5	ND	5	40	1	2	2	63	.34	.187	11	31	.45	180	.15	5	2.03	.04	.13	1	4	2	77
L500S 300W C	1	21	16	74	.1	19	8	373	2.87	4	5	ND	6	38	1	2	2	68	.34	.137	14	31	.55	135	.16	3	2.43	.04	.16	2	6	2	91
L500S 275W C	1	12	26	94	.1	15	6	800	2.15	3	5	ND	3	49	1	2	2	45	.41	.089	8	26	.40	248	.12	6	1.82	.03	.13	1	1	2	71
L500S 250W C	2	13	9	76	.1	17	7	521	2.49	2	5	ND	4	48	1	2	2	54	.37	.170	9	28	.42	123	.14	4	2.17	.04	.10	1	1	2	77
L500S 225W C	2	14	13	80	.2	18	7	527	2.78	2	6	ND	5	32	1	2	2	67	.32	.095	10	33	.49	144	.16	2	2.17	.04	.13	1	7	2	83
L500S 200W C	2	11	21	94	.1	15	6	664	2.21	6	5	ND	4	34	1	2	2	51	.34	.125	8	27	.33	216	.12	3	1.73	.04	.09	1	2	2	65
L500S 175W C	1	12	11	69	.2	12	5	630	1.84	5	5	ND	5	35	1	2	2	38	.28	.136	6	19	.27	217	.12	5	1.86	.04	.10	2	4	2	47
L500S 125W C	1	15	13	89	.1	17	6	550	1.95	3	5	ND	4	71	1	2	2	36	.45	.218	7	18	.36	295	.12	6	2.02	.05	.15	1	11	2	49
L500S 100W C	1	23	14	141	.4	21	10	1332	2.84	4	5	ND	5	155	1	2	2	55	.75	.293	8	26	.63	447	.15	8	2.69	.05	.24	1	2	2	61
L500S 75W C	1	32	12	95	.3	24	12	518	3.31	6	8	ND	6	78	1	2	2	70	.49	.141	11	31	.60	163	.18	6	3.45	.05	.19	1	3	2	63
L500S 50W C	1	25	23	113	.3	24	11	1253	2.56	5	5	ND	4	112	1	2	2	55	.85	.156	11	28	.52	217	.12	4	2.48	.05	.16	1	2	2	63
L500S 25W C	1	15	17	104	.1	14	6	588	2.01	5	5	ND	4	73	1	3	2	44	.51	.153	8	22	.33	200	.11	7	1.64	.05	.12	1	1	2	57
L600S 1075W RD-10 CC	1	26	16	111	.3	18	8	1045	2.62	4	5	ND	4	44	1	2	2	57	.40	.227	8	22	.38	193	.14	7	2.38	.04	.13	1	49	2	68
L600S 1050W RD-15 CC	2	21	11	87	.1	18	7	630	2.74	2	5	ND	4	27	1	2	2	63	.32	.118	8	22	.43	123	.15	3	2.36	.04	.11	1	9	2	81
STD C/FA-S7	22	59	39	133	6.9	68	29	999	3.96	37	16	8	34	47	18	17	19	63	.48	.101	37	57	.89	176	.08	37	1.72	.09	.14	13	100	96	-

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SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB	Pt** PPB	Cr PPM
L600S 1025W BP-10 CC	1	24	12	108	.1	19	8	990	2.89	10	5	ND	3	35	1	2	2	62	.39	.113	10	22	.45	151	.15	4	2.45	.05	.11	1	1	75	65
L600S 1000W BR-10 CC	1	17	9	111	.1	18	7	635	2.58	9	5	ND	3	26	1	2	7	55	.28	.084	8	20	.40	117	.14	3	2.16	.04	.12	1	3	2	70
L600S 975W BR-5 CC	1	21	10	166	.1	19	9	1320	3.16	4	5	ND	3	42	1	2	6	60	.36	.241	7	22	.47	179	.14	3	2.45	.04	.13	2	2	4	63
L600S 950W PD-15 CC	2	25	7	87	.1	18	8	544	3.10	11	5	ND	4	34	1	2	4	67	.36	.079	12	25	.49	118	.17	4	2.60	.05	.16	1	1	51	60
L600S 925W RD-15 CC	1	18	5	72	.1	16	7	516	2.56	6	5	ND	4	32	1	2	4	57	.30	.067	8	19	.40	105	.13	2	2.01	.04	.14	2	1	2	68
L600S 900W BR-15 CC	1	23	8	100	.1	19	8	649	3.13	5	5	ND	4	38	1	2	4	69	.38	.107	10	24	.50	129	.15	2	2.33	.05	.16	1	5	2	62
L600S 875W RD-15 CC	1	25	3	115	.1	19	9	643	3.33	6	8	ND	4	46	1	2	3	74	.43	.104	8	21	.54	143	.15	2	2.35	.05	.21	1	2	2	53
L600S 850W BR-15 CC	1	22	7	130	.2	16	8	539	2.95	6	5	ND	4	33	1	2	2	63	.46	.069	9	19	.46	137	.15	2	2.20	.06	.17	1	1	2	70
L600S 825W RD-15 CC	1	25	8	111	.2	16	9	545	4.01	8	7	ND	3	43	1	2	4	95	.42	.060	7	21	.70	146	.20	2	2.65	.05	.39	1	1	2	42
L600S 800W BR-10 CC	1	22	11	105	.2	14	9	770	3.70	5	9	ND	4	43	1	2	6	86	.42	.059	6	19	.68	195	.18	3	2.18	.05	.46	2	10	7	53
L600S 775W BR-15 CC	1	20	5	107	.1	16	8	621	2.97	10	5	ND	4	36	1	2	2	65	.36	.133	10	23	.44	179	.13	4	1.99	.05	.21	1	17	6	52
L600S 750W BR-15 CC	1	19	6	88	.1	17	7	489	2.80	8	9	ND	4	35	1	2	4	63	.45	.093	10	25	.41	133	.12	3	1.81	.05	.19	1	1	2	64
L600S 725W BR-15 CC	1	19	4	69	.1	15	8	419	2.94	7	5	ND	4	31	1	2	2	73	.42	.097	9	31	.42	95	.13	2	1.52	.05	.20	1	2	2	74
L600S 700W BR-10 CC	1	18	8	82	.2	18	7	556	2.92	5	5	ND	5	30	1	5	3	69	.40	.089	11	31	.35	131	.11	6	1.53	.04	.21	2	1	2	78
L600S 675W BR-15 CC	1	17	11	87	.1	16	8	481	2.84	8	5	ND	3	41	1	2	2	66	.51	.068	9	25	.40	137	.14	2	1.74	.05	.30	1	5	55	66
L600S 650W	1	22	6	100	.1	19	8	473	3.02	11	5	ND	4	39	1	2	3	70	.45	.101	11	27	.45	160	.15	2	2.06	.06	.28	2	19	20	60
L600S 625W BR-15 C	1	21	5	112	.2	18	8	538	2.81	12	6	ND	4	46	1	2	2	63	.48	.167	10	28	.39	175	.13	3	2.00	.05	.21	1	11	2	73
L600S 600W BC-15 C	1	20	6	99	.2	18	6	275	2.43	16	7	ND	2	56	1	2	4	63	1.02	.027	8	22	.41	79	.13	2	1.85	.08	.09	1	7	2	66
L600S 575W C	1	21	9	72	.2	14	6	320	2.60	16	5	ND	4	45	1	2	2	69	.51	.068	10	29	.37	87	.12	3	1.45	.05	.18	2	9	2	87
L600S 550W C	1	17	8	135	.1	16	6	459	2.31	13	5	ND	4	37	1	2	5	51	.33	.191	8	23	.32	123	.10	3	1.81	.04	.12	1	2	2	52
L600S 525W C	1	15	8	110	.1	14	6	447	2.17	9	5	ND	2	37	1	3	4	44	.37	.244	9	20	.27	161	.10	5	1.90	.04	.07	2	2	2	42
L600S 500W C	1	15	8	127	.1	18	7	538	2.47	8	5	ND	4	45	1	2	2	51	.41	.171	9	26	.35	181	.11	4	1.88	.04	.12	1	1	2	72
L600S 475W C	1	32	4	193	.2	35	14	461	3.45	15	5	ND	5	56	1	2	4	65	.48	.212	12	26	.52	132	.14	5	2.60	.05	.15	1	4	2	61
L600S 450W C	1	17	11	141	.1	14	8	830	2.37	9	5	ND	3	35	1	2	2	45	.31	.251	7	17	.37	206	.14	3	2.48	.04	.10	1	5	2	31
L600S 425W C	1	14	10	112	.2	18	6	443	2.14	9	5	ND	4	33	1	2	3	43	.31	.156	8	19	.30	177	.13	4	2.11	.05	.10	1	21	2	48
L600S 400W C	1	13	4	161	.2	18	6	446	2.01	9	5	ND	4	35	1	2	2	39	.26	.222	8	19	.30	163	.13	3	2.16	.05	.10	1	1	2	40
L600S 375W C	1	14	9	94	.1	23	9	422	2.18	7	5	ND	4	35	1	2	2	42	.31	.135	10	22	.37	157	.15	4	2.13	.05	.13	2	2	2	47
L600S 350W C	1	15	5	106	.1	23	7	386	2.42	7	6	ND	5	42	1	2	2	51	.38	.130	8	18	.36	147	.13	4	1.86	.05	.13	1	1	2	49
L600S 325W C	1	15	9	122	.2	19	7	618	2.62	6	5	ND	4	52	1	2	2	53	.35	.180	9	23	.39	204	.13	3	2.10	.05	.14	2	1	2	57
L600S 300W C	1	12	7	94	.1	11	5	468	1.74	6	5	ND	3	39	1	2	3	33	.25	.207	6	14	.24	192	.09	2	1.52	.04	.09	2	4	2	49
L600S 275W C	1	16	9	126	.1	15	6	437	2.32	6	5	ND	4	33	1	2	2	44	.26	.146	10	18	.31	190	.13	2	2.25	.05	.07	1	1	2	47
L600S 250W C	1	21	5	98	.1	16	6	358	2.42	3	5	ND	5	33	1	2	3	50	.30	.099	9	17	.32	148	.15	2	2.92	.05	.09	1	2	2	34
L600S 225W C	1	16	4	98	.1	15	6	378	2.10	9	5	ND	4	34	1	2	2	41	.36	.196	11	19	.30	214	.12	3	2.16	.05	.09	1	3	2	43
L600S 200W BR-15 CC	1	14	19	106	.1	14	5	733	1.97	7	5	ND	4	46	1	2	2	39	.45	.196	7	18	.27	223	.11	3	1.80	.05	.10	1	4	7	36
L600S 175W RD-15 CC	1	15	10	98	.1	17	7	500	2.46	4	5	ND	6	30	1	2	5	48	.28	.147	10	23	.39	197	.14	2	2.29	.05	.16	1	1	2	43
L600S 150W RD-15 CC	1	17	7	105	.2	17	6	510	2.32	3	5	ND	5	35	1	2	2	45	.31	.183	13	20	.33	223	.13	3	2.22	.05	.11	1	1	2	46
STD C/FA-5X	21	56	38	129	7.0	67	27	974	3.96	36	18	6	33	46	18	16	21	61	.48	.095	37	53	.88	171	.08	33	1.72	.09	.13	14	102	98	-

SHANGRI-LA MINERALS PROJECT - CASTLE FILE # [illegible]

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB	Pt** PPB	Cr* PPM
L600S 125W RD-15 CC	1	13	8	95	.1	18	6	490	2.24	2	5	ND	4	34	1	2	3	48	.29	.133	8	24	.35	228	.12	3	1.72	.04	.12	1	2	2	81
L600S 100W RD-15 CC	1	15	5	97	.1	22	6	419	2.10	5	5	ND	4	37	1	2	2	41	.30	.187	10	20	.30	203	.12	2	2.03	.05	.11	1	2	2	64
L600S 75W BR-10 CC	1	12	10	121	.1	24	6	578	1.99	2	5	ND	3	61	1	2	2	37	.41	.261	9	23	.30	265	.11	3	1.82	.05	.12	1	1	2	49
L600S 50W RD-15 CC	1	16	9	114	.1	26	6	514	2.15	2	5	ND	4	43	1	2	2	41	.36	.232	9	20	.32	240	.12	2	2.03	.05	.11	1	1	2	62
L600S 25W RD-15 CC	1	14	7	81	.1	31	7	424	2.22	4	5	ND	4	43	1	2	2	43	.35	.192	8	37	.36	190	.12	3	1.98	.04	.14	1	1	2	116
L600S 00 RD-15 CC	1	19	8	110	.1	16	7	328	2.42	8	5	ND	5	39	1	4	2	50	.35	.114	9	25	.43	172	.14	2	2.26	.05	.17	1	1	2	49
L700S 975W BR-15 CC	1	22	11	65	.2	20	7	472	2.80	2	5	ND	4	32	1	2	5	64	.38	.097	8	33	.41	124	.14	2	2.27	.05	.11	1	4	2	78
L700S 950W BR-10 CC	1	16	14	92	.1	16	7	1068	2.74	6	5	ND	3	34	1	2	2	63	.41	.163	5	24	.36	196	.13	4	1.88	.04	.08	1	5	2	108
L700S 925W BR-10 CC	1	21	10	72	.2	20	8	756	2.94	4	5	ND	5	35	1	2	5	68	.37	.144	7	28	.48	160	.16	2	2.62	.04	.10	1	8	2	77
L700S 900W BR-10 CC	1	20	14	66	.1	19	8	598	2.90	6	5	ND	5	35	1	2	2	68	.38	.086	9	25	.46	121	.15	2	2.33	.05	.11	1	8	2	65
L700S 875W BR-10 CC	1	29	14	102	.1	25	11	900	3.56	6	5	ND	5	58	1	2	2	81	.51	.051	8	33	.74	156	.20	2	3.61	.05	.27	1	1	2	66
L700S 850W BR-10 CC	1	30	14	145	.1	16	9	2209	2.86	6	5	ND	4	68	1	2	2	57	.62	.087	6	20	.53	383	.15	4	2.50	.05	.26	3	1	2	48
L700S 825W BR-10 CC	1	23	14	85	.1	18	9	686	3.66	2	7	ND	4	42	1	2	2	87	.43	.064	8	31	.63	158	.18	3	2.47	.05	.39	1	6	2	83
L700S 800W BR-10 CC	1	21	8	87	.1	18	8	609	3.37	2	5	ND	4	40	1	2	2	78	.38	.068	8	31	.53	139	.17	2	2.36	.04	.28	1	7	2	73
L700S 775W BR-10 CC	1	26	11	95	.2	20	9	627	3.84	6	5	ND	5	41	1	2	4	94	.42	.071	8	32	.66	141	.18	2	2.39	.05	.36	1	8	2	99
L700S 750W BR-15 CC	1	29	11	152	.1	21	10	904	3.84	2	5	ND	4	45	1	2	2	84	.51	.142	6	31	.72	195	.19	2	2.97	.05	.38	1	5	2	61
L700S 725W BR-15 CC	1	23	10	106	.1	16	9	713	3.67	2	5	ND	3	40	1	2	2	87	.43	.047	5	28	.72	224	.22	2	2.59	.05	.51	1	5	2	59
L700S 700W RD-15 CC	1	28	14	163	.3	16	11	813	3.93	13	5	ND	4	82	1	2	2	86	.90	.117	3	29	.92	150	.21	2	4.14	.06	.36	1	4	8	44
L700S 675W BR-15 CC	1	23	14	123	.2	15	6	610	2.34	2	5	ND	3	42	1	3	3	49	.42	.212	4	21	.40	181	.13	2	1.93	.06	.20	1	1	2	34
L700S 650W BR-15 CC	1	23	7	147	.1	16	8	628	2.84	9	5	ND	3	42	1	3	3	64	.42	.162	9	27	.45	228	.14	3	1.94	.05	.21	1	4	2	73
L700S 625W BR-15 CC	1	13	7	61	.1	10	6	281	2.63	4	5	ND	1	27	1	2	2	74	.36	.033	6	29	.44	74	.16	2	1.15	.04	.22	1	24	2	63
L700S 600W BR-10 CC	1	15	7	96	.1	15	6	309	2.66	4	5	ND	3	30	1	2	2	63	.35	.043	6	25	.41	99	.16	2	1.83	.05	.22	1	2	2	73
L700S 575W RD-15 CC	1	20	12	146	.1	19	8	627	2.76	8	5	ND	3	47	1	3	2	57	.48	.133	6	22	.38	165	.13	2	1.96	.06	.20	1	2	2	51
L700S 550W RD-10 CC	1	24	8	142	.1	24	9	580	3.17	7	5	ND	3	45	1	2	2	69	.46	.096	9	26	.46	145	.15	4	2.09	.05	.16	1	2	2	62
L700S 525W RD-15 CC	1	33	9	191	.1	28	12	906	3.67	7	5	ND	3	61	1	2	2	63	.62	.126	10	23	.49	146	.14	4	2.42	.07	.16	1	2	2	52
L700S 500W BR-15 CC	1	36	22	228	.2	29	14	1326	3.75	3	5	ND	1	79	1	2	2	64	.99	.137	4	22	.48	125	.12	3	2.11	.07	.17	1	2	2	40
L700S 475W RD-15 CC	1	33	10	210	.3	30	15	1321	3.78	10	5	ND	3	45	1	2	2	67	.60	.121	5	24	.45	98	.13	2	2.63	.06	.16	1	70	6	53
L700S 450W BR-15 CC	1	23	8	116	.1	22	8	590	2.78	6	5	ND	3	46	1	2	2	67	.49	.074	10	35	.43	122	.14	2	2.08	.04	.28	1	41	2	74
L700S 425W BR-15 CC	1	25	9	195	.1	21	8	767	2.53	13	5	ND	3	50	1	2	3	49	.48	.121	11	22	.36	156	.11	4	2.04	.05	.19	1	2	2	79
L700S 400W BR-10 CC	1	22	10	176	.2	23	10	503	3.35	11	5	ND	4	49	1	2	2	70	.49	.066	4	26	.43	79	.13	2	2.23	.05	.18	1	12	2	69
L700S 375W BR-15 CC	1	18	10	130	.2	18	7	478	2.68	7	5	ND	4	38	1	2	2	61	.45	.053	9	27	.40	110	.14	4	2.03	.05	.17	1	37	2	66
L700S 350W RD-15 CC	1	29	12	188	.1	24	14	800	3.69	11	5	ND	4	43	1	2	3	57	.41	.187	6	20	.39	113	.13	3	2.62	.04	.11	1	8	2	55
L700S 325W RD-10 CC	1	18	11	107	.1	16	7	621	2.56	9	5	ND	3	28	1	2	2	54	.28	.115	6	23	.35	118	.12	4	2.23	.04	.10	1	3	2	56
L700S 300W RD-10 CC	1	14	12	142	.1	18	7	512	2.30	7	5	ND	4	29	1	2	3	47	.31	.095	7	20	.33	142	.14	4	2.23	.05	.12	1	19	2	46
L700S 275W RD-15 CC	1	21	8	91	.1	18	7	513	2.72	3	5	ND	4	34	1	2	2	60	.32	.137	11	29	.40	136	.14	4	2.52	.04	.11	1	2	2	73
L700S 250W RD-10 CC	1	18	11	110	.1	18	7	534	2.64	7	5	ND	4	29	1	2	4	56	.30	.167	7	27	.39	171	.14	2	2.49	.04	.09	1	2	2	49
STD C/FA-5X	21	57	39	131	6.9	68	28	987	3.97	38	15	6	33	46	18	15	22	62	.48	.098	34	58	.88	174	.08	35	1.71	.09	.11	13	105	103	-

SHANGRI-LA MINERALS PROJECT - CASTLE FILE # [illegible] PAGE [illegible]

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB	Pt** PPB	Cr* PPM
L700S 225W RD-15 CC	1	19	11	175	.2	16	6	541	2.26	10	5	ND	4	34	1	2	2	42	.30	.162	7	19	.32	151	.13	5	2.34	.04	.09	1	1	2	41
L700S 200W BR-15 CC	1	24	11	176	.2	16	7	395	2.32	8	5	ND	4	31	1	2	2	46	.29	.102	7	20	.31	130	.13	5	2.22	.05	.09	1	1	2	55
L700S 175W 6Y-20 CC	1	30	7	24	.2	12	2	44	.81	7	5	ND	2	42	1	2	2	16	.46	.019	11	7	.15	75	.07	3	1.49	.07	.03	1	1	2	20
L700S 150W BR-10 CC	1	46	10	42	.3	19	5	292	1.75	16	5	ND	3	50	1	2	2	28	.75	.028	13	14	.24	43	.11	4	1.97	.07	.08	2	1	6	36
L700S 125W RD-10 CC	1	20	7	64	.1	15	6	219	2.16	20	5	ND	3	30	1	4	2	41	.29	.027	8	20	.27	70	.14	4	2.19	.05	.05	1	1	2	62
L700S 100W RD-15 CC	1	18	10	150	.4	16	8	378	2.25	10	8	ND	4	37	1	2	2	45	.29	.051	6	18	.29	118	.14	5	2.25	.05	.10	1	1	2	54
L700S 75W BR-15 CC	1	19	10	115	.1	16	7	447	2.64	10	5	ND	4	38	1	2	2	54	.30	.092	8	21	.38	129	.13	4	2.32	.04	.10	1	1	2	57
L700S 50W BR-15 CC	1	17	11	131	.1	15	7	497	2.40	11	5	ND	3	42	1	2	2	50	.33	.137	7	18	.35	135	.11	4	2.04	.04	.10	1	2	2	74
L700S 25W BR-15 CC	1	18	15	142	.2	15	7	591	2.38	10	5	ND	4	46	1	2	2	47	.34	.171	7	20	.34	156	.12	5	2.19	.04	.11	1	1	2	57
L700S 00 BR-15 CC	1	17	12	137	.1	15	6	572	2.31	14	5	ND	3	44	1	3	2	46	.33	.165	9	16	.33	150	.12	7	2.11	.04	.11	1	1	2	53
L700S 25E	1	26	11	190	.4	18	8	417	2.78	11	5	ND	4	44	1	2	2	55	.42	.114	13	24	.40	120	.14	6	2.54	.05	.11	1	3	2	54
L700S 50E RD-15 CC	1	17	14	118	.1	15	7	574	2.55	12	5	ND	3	70	1	2	2	54	.47	.188	7	18	.37	155	.11	4	1.98	.04	.11	1	1	2	82
L700S 75E BR-15 CC	1	19	11	130	.1	17	8	401	2.94	16	5	ND	4	39	1	2	2	68	.35	.071	7	21	.46	128	.13	3	2.38	.04	.16	1	4	2	62
L700S 100E RD-15 CC	1	20	13	134	.3	16	8	581	3.03	15	5	ND	4	47	1	2	2	69	.37	.095	7	20	.46	132	.12	2	2.35	.03	.15	1	7	2	60
L700S 125E BR-15 CC	2	20	11	117	.2	15	8	450	2.86	13	5	ND	4	45	1	2	2	63	.40	.093	11	23	.43	123	.13	3	2.35	.04	.13	1	1	2	93
L700S 150E RD-15 CC	1	15	9	105	.1	15	7	500	2.57	8	5	ND	4	33	1	2	2	54	.30	.153	10	21	.36	137	.13	6	2.15	.04	.14	1	2	2	64
L700S 175E BR-15 CC	1	13	8	87	.1	15	6	446	2.34	5	5	ND	4	28	1	2	2	48	.32	.139	10	25	.36	174	.13	4	1.79	.04	.14	1	1	2	66
L700S 200E RD-15 CC	1	12	11	84	.1	16	6	340	2.35	10	5	ND	4	30	1	2	2	51	.33	.105	8	23	.38	165	.13	3	1.68	.04	.17	1	7	2	61
L700S 225E RD-15 CC	1	10	8	77	.1	17	6	322	2.36	4	5	ND	3	32	1	2	2	51	.32	.141	7	25	.37	156	.12	5	1.66	.04	.13	1	1	2	56
L700S 250E RD-15 CC	1	13	6	87	.1	15	6	345	2.31	6	5	ND	3	34	1	2	2	47	.33	.118	9	18	.35	154	.12	4	1.87	.04	.14	1	3	2	55
L700S 275E RD-15 CC	1	14	9	103	.1	14	5	476	2.10	9	5	ND	2	36	1	2	2	41	.28	.181	7	17	.31	170	.11	5	1.86	.04	.11	1	1	2	44
L700S 300E RD-10 CC	1	18	7	120	.1	15	6	426	2.44	10	5	ND	4	40	1	2	2	48	.33	.199	11	21	.35	199	.13	4	2.27	.04	.12	1	1	2	46
L700S 325E RD-15 CC	1	16	6	128	.1	15	6	738	2.17	3	5	ND	3	48	1	2	2	40	.37	.233	6	17	.31	254	.12	5	2.08	.04	.14	1	1	2	44
L700S 350E RD-15 CC	1	17	11	113	.2	14	6	533	2.32	10	5	ND	4	38	1	3	2	46	.32	.192	8	18	.33	186	.12	4	2.16	.04	.12	1	1	2	47
L700S 375E RD-15 CC	1	14	9	110	.2	15	6	531	2.37	9	5	ND	4	45	1	2	2	49	.40	.155	7	17	.34	193	.13	2	2.07	.04	.11	1	1	2	56
L700S 400E RD-15 CC	1	18	7	104	.1	15	6	539	2.37	12	5	ND	3	38	1	2	2	48	.31	.173	9	18	.34	168	.13	3	2.14	.04	.12	1	1	2	49
L700S 425E RD-15 CC	1	15	12	89	.1	14	6	605	2.41	14	5	ND	3	31	1	2	2	51	.25	.184	6	19	.38	139	.13	5	2.20	.03	.12	1	21	2	44
L700S 450E RD-15 CC	1	19	11	126	.2	15	7	1041	2.69	6	5	ND	4	57	1	2	2	57	.51	.178	6	22	.43	195	.14	6	2.35	.04	.17	1	1	2	53
L700S 475E BR-10 CC	1	17	12	104	.1	15	7	688	2.62	12	5	ND	3	41	1	2	2	56	.33	.098	9	23	.42	153	.13	5	2.13	.04	.16	2	2	2	58
L700S 500E RD-15 CC	1	12	10	114	.1	15	6	638	2.61	5	5	ND	3	45	1	2	2	58	.39	.114	9	26	.41	169	.13	4	1.90	.04	.16	1	1	2	82
L700S 525E BR-10 CC	2	20	8	152	.1	12	8	672	3.49	9	5	ND	2	82	1	2	2	75	.56	.110	4	17	.59	132	.13	2	2.38	.04	.19	1	2	2	54
L700S 550E BR-15 CC	1	17	11	195	.1	16	9	1649	3.00	11	5	ND	3	43	1	2	2	61	.49	.203	6	23	.43	154	.12	5	2.21	.04	.15	1	1	2	64
L700S 575E BR-15 CC	1	20	14	128	.1	14	8	1092	3.08	9	5	ND	2	72	1	2	2	65	.62	.155	11	23	.46	153	.12	6	2.27	.04	.19	1	1	2	85
L700S 600E BR-15 CC	1	17	16	120	.1	14	7	686	2.62	8	5	ND	3	67	1	3	2	52	.45	.161	5	19	.40	157	.12	3	2.15	.04	.15	1	1	2	66
L700S 625E RD-15 CC	1	18	12	112	.1	12	7	702	2.47	11	5	ND	3	55	1	2	2	48	.34	.217	8	15	.38	157	.12	4	2.13	.04	.16	1	4	2	41
L700S 650E RD-15 CC	1	19	7	98	.3	13	7	626	2.70	5	5	ND	3	47	1	2	2	58	.37	.118	11	23	.37	162	.13	3	1.91	.04	.15	1	5	3	47
STD C/FA-5X	21	56	41	129	6.7	67	27	966	3.95	43	16	7	32	45	17	17	21	61	.48	.098	23	54	.88	171	.08	37	1.72	.08	.12	13	105	99	-

SHANGRI-LA MINERALS PROJECT CASTLE FILE # [illegible] PAGE [illegible]

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB	Pt** PPB	Cr* PPM
L700S 675E BR-15 CC	1	20	12	95	.3	14	7	590	2.54	16	5	ND	5	45	1	4	2	55	.39	.150	11	18	.37	161	.14	2	2.19	.05	.16	1	1	2	52
L700S 700E RD-15 CC	1	13	10	129	.4	16	8	541	2.99	13	6	ND	4	30	1	2	4	71	.34	.055	10	27	.41	113	.15	4	2.02	.05	.14	1	1	2	62
L700S 725E RD-10 CC	1	17	8	183	.2	16	11	1143	3.44	6	5	ND	3	50	1	2	3	67	.43	.146	9	22	.49	152	.13	4	2.39	.05	.20	1	1	2	60
L700S 750E BR-15 CC	1	19	10	117	.1	27	9	680	3.75	6	5	ND	3	55	1	2	2	84	.39	.102	11	35	.70	150	.15	5	2.16	.05	.28	1	1	2	74
L700S 775E RD-15 CC	1	16	14	126	.2	14	7	500	2.73	12	7	ND	3	40	1	2	4	56	.26	.270	9	21	.39	181	.12	4	1.95	.04	.16	1	5	2	56
L700S 800E RD-15 CC	1	19	7	109	.1	13	6	565	2.38	9	5	ND	3	48	1	2	2	49	.33	.202	12	16	.33	172	.12	2	1.99	.05	.12	1	1	2	50
L700S 850E RD-10 CC	1	21	9	195	.1	15	7	542	2.74	6	5	ND	3	41	1	2	3	57	.38	.102	11	20	.39	125	.14	2	2.22	.05	.13	1	1	2	53
L700S 875E RD-15 CC	1	21	13	174	.1	16	9	640	3.13	11	5	ND	4	54	1	2	5	64	.46	.103	11	20	.45	136	.15	6	2.48	.06	.17	1	1	2	49
L700S 900E RD-10 CC	1	15	8	116	.3	14	7	477	2.62	7	5	ND	4	38	1	2	3	55	.43	.141	11	23	.34	131	.13	3	1.95	.05	.13	1	1	2	75
L900S 850W RD-10 CC	1	84	18	145	.7	27	20	1245	4.61	17	5	ND	4	77	1	2	2	106	.69	.060	12	32	1.04	239	.25	5	4.01	.08	.64	1	4	2	56
L900S 825W BR-10 CC	1	61	7	154	.4	29	20	1244	3.82	21	5	ND	3	57	2	2	2	91	.44	.080	8	26	.74	161	.19	2	2.85	.08	.34	1	12	2	53
L900S 800W BR-10 CC	2	104	10	311	.8	54	36	1138	5.70	80	5	ND	3	87	3	2	2	120	.63	.131	6	30	.94	179	.20	7	3.80	.08	.42	1	16	2	47
L900S 775W RD-15 CC	2	68	15	166	.8	18	11	564	6.34	140	5	ND	4	113	1	2	2	149	.54	.144	5	31	1.02	219	.23	5	2.45	.09	.65	1	38	2	49
L900S 750W RD-5 CC	5	70	14	145	.4	73	25	800	4.68	39	5	ND	3	69	1	5	2	116	.79	.084	8	32	.78	87	.17	3	2.96	.11	.24	1	25	2	55
L900S 725W BR-5 CC	11	48	8	109	.2	36	12	672	4.77	37	5	ND	2	56	1	2	3	104	.25	.127	5	21	.60	87	.13	4	2.53	.05	.20	1	11	2	36
L900S 700W RD-10 CC	10	111	11	238	.4	44	24	625	6.30	43	5	ND	3	72	1	5	3	131	.45	.143	6	25	.72	132	.19	6	3.21	.07	.25	1	38	2	56
L900S 625W BR-10 CC	1	31	8	367	.2	17	6	1233	1.85	5	5	ND	1	96	1	2	4	28	.69	.459	6	13	.24	307	.10	2	2.02	.06	.10	1	2	2	26
L900S 600W BR-15 CC	2	54	22	208	.3	49	19	1148	4.06	13	5	ND	3	98	1	2	2	104	.73	.140	13	44	1.09	177	.16	7	3.63	.06	.32	1	14	2	84
L900S 575W RD-10 CC	2	57	12	180	.3	56	21	1081	5.29	16	5	ND	4	103	1	2	4	121	.77	.083	11	84	1.37	150	.23	3	3.65	.07	.47	1	74	7	194
L900S 550W BR-10 CC	1	32	19	263	.3	31	13	1951	3.57	6	5	ND	4	92	2	2	2	74	.85	.127	8	23	.71	209	.14	5	2.33	.07	.21	1	6	2	47
L900S 500W RD-15 CC	1	26	12	115	.1	18	8	742	2.80	2	5	ND	3	51	1	2	2	56	.48	.124	9	19	.52	131	.18	5	3.22	.06	.15	1	2	2	51
L900S 475W BR-10 CC	1	26	9	135	.2	20	9	864	3.42	2	5	ND	4	64	1	2	2	75	.59	.088	10	31	.66	187	.20	4	3.48	.05	.33	1	5	2	82
L900S 450W BR-5 CC	1	25	12	117	.3	18	8	852	2.88	4	7	ND	3	75	1	2	2	58	.86	.197	7	25	.55	171	.16	4	2.88	.05	.19	1	2	5	58
L900S 425W BR-10 CC	1	24	11	154	.2	17	8	1378	2.74	3	5	ND	2	77	1	2	2	56	.74	.131	9	22	.46	267	.16	7	2.51	.06	.16	1	50	2	53
L900S 400W BR-20 CC	1	24	12	100	.4	20	9	768	3.11	3	6	ND	5	52	1	2	2	70	.61	.064	10	28	.53	139	.17	4	3.05	.05	.17	1	2	2	75
L900S 375W RD-15 CC	1	18	9	119	.2	14	6	726	2.17	5	5	ND	2	52	1	2	4	39	.40	.141	9	12	.33	152	.13	4	2.43	.05	.12	1	2	2	42
L900S 350W BR-5 CC	1	37	12	95	.2	20	9	483	3.21	8	5	ND	4	79	1	2	2	69	.49	.060	7	22	.62	154	.21	4	3.38	.06	.24	1	2	2	57
L900S 250W RD-5 CC	1	20	12	103	.1	20	9	1211	3.28	5	5	ND	4	80	1	3	2	72	.52	.088	11	34	.60	228	.18	3	3.25	.05	.26	1	7	2	87
L900S 225W BR-10 CC	1	16	10	107	.1	20	9	848	3.18	2	5	ND	4	50	1	2	2	72	.40	.077	11	30	.52	186	.16	2	2.45	.04	.28	1	6	2	79
L900S 200W RD-10 CC	1	30	15	123	.3	23	10	496	3.59	9	5	ND	5	43	1	2	2	85	.45	.122	13	37	.61	179	.19	4	2.88	.06	.33	1	6	2	82
L900S 175W BR-15 CC	1	18	9	110	.2	20	7	468	2.68	5	5	ND	5	37	1	4	2	62	.36	.119	11	26	.39	171	.13	3	1.97	.05	.16	1	3	2	66
L900S 150W BR-15 CC	1	14	8	128	.1	20	7	619	2.55	4	5	ND	3	47	1	3	2	54	.40	.220	9	25	.36	230	.12	6	1.91	.05	.18	1	1	2	68
L900S 125W BR-10 CC	1	15	11	113	.1	17	6	521	2.20	8	5	ND	3	46	1	2	2	48	.45	.141	10	22	.30	176	.11	2	1.68	.05	.13	1	8	2	71
L900S 100W BR-10 CC	1	18	6	84	.1	18	7	305	2.69	6	5	ND	3	32	1	2	2	62	.37	.080	11	26	.33	122	.13	4	1.84	.05	.11	1	11	2	73
L900S 75W BR-15 CC	1	13	9	83	.1	17	6	359	2.17	8	5	ND	3	37	1	2	2	49	.40	.116	9	21	.28	132	.11	3	1.50	.05	.11	1	5	2	62
L900S 50W RD-10 CC	1	15	12	86	.3	17	6	350	2.17	11	5	ND	3	33	1	2	2	47	.30	.137	8	20	.26	139	.12	2	1.90	.05	.08	1	2	2	56
STD C/FA-5X	21	57	42	132	6.7	69	28	998	3.97	40	16	7	33	47	17	17	19	63	.48	.099	38	56	.88	174	.08	34	1.72	.09	.12	13	95	101	-

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SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**	Pt**	C-#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB	PPB	PPM
L900S 25W BR-10 CC	1	16	6	113	.1	17	6	505	2.42	9	5	ND	4	40	1	2	2	51	.39	.232	10	26	.28	175	.11	5	1.75	.05	.10	1	3	2	67
L900S 00 RD-15 CC	1	21	3	110	.1	20	8	369	2.76	8	5	ND	4	30	1	2	3	60	.36	.080	9	26	.36	96	.14	5	2.00	.05	.11	1	2	2	77
L900S 25E RD-10 CC	1	18	16	125	.1	17	6	620	2.37	13	5	ND	3	32	1	2	2	48	.39	.212	9	21	.30	116	.12	4	1.92	.05	.10	2	29	2	60
L900S 50E BR-5 CC	1	22	8	111	.1	15	6	654	2.03	7	5	ND	2	40	1	2	2	44	.64	.050	4	15	.29	64	.14	3	2.00	.07	.09	1	2	2	41
L900S 75E RD-15 CC	1	18	7	137	.1	18	7	604	2.38	4	5	ND	4	31	1	4	2	50	.36	.193	5	25	.33	135	.12	2	1.99	.05	.10	2	3	2	73
L900S 100E RD-15 CC	1	23	7	97	.2	19	8	573	2.88	4	5	ND	5	35	1	2	2	65	.42	.092	8	26	.43	121	.15	2	2.20	.05	.13	1	3	2	71
L900S 125E RD-15 CC	1	23	2	90	.1	18	8	569	2.97	5	5	ND	5	33	1	2	2	70	.36	.112	10	30	.44	122	.14	3	2.21	.05	.12	1	6	2	97
L900S 150E BR-15 CC	1	20	4	79	.2	16	7	666	2.42	6	5	ND	5	43	1	2	2	52	.39	.170	10	23	.36	180	.13	5	2.28	.05	.13	1	1	2	62
L900S 175E RD-15 CC	1	17	2	85	.1	16	6	622	2.40	6	5	ND	4	35	1	2	2	49	.29	.227	6	22	.31	191	.13	8	2.39	.05	.08	1	1	2	61
L900S 200E RD-15 CC	1	19	5	90	.2	16	6	443	2.18	6	5	ND	4	39	1	2	2	43	.32	.144	10	19	.27	194	.13	5	2.36	.06	.09	1	2	2	42
L900S 225E BR-10 CC	1	17	5	83	.2	14	6	668	2.18	6	5	ND	4	48	1	2	2	43	.44	.203	8	18	.27	216	.12	6	2.23	.05	.10	1	1	2	55
L900S 250E RD-15 CC	1	23	6	110	.2	18	8	940	2.86	7	5	ND	4	51	1	2	2	58	.42	.175	8	21	.41	202	.14	5	2.54	.06	.13	1	1	2	48
L900S 275E RD-10 CC	1	19	6	129	.2	21	8	1002	2.74	4	5	ND	5	35	1	2	2	60	.39	.099	8	25	.38	138	.14	5	2.19	.05	.11	1	62	2	68
L900S 300E RD-15 CC	1	19	6	131	.3	18	7	481	2.51	13	5	ND	5	32	1	2	2	51	.32	.088	10	21	.35	147	.15	4	2.45	.05	.11	1	1	2	61
L900S 325E RD-15 CC	1	20	7	108	.1	14	6	626	2.21	6	5	ND	4	45	1	2	2	43	.44	.197	8	20	.31	196	.13	3	2.28	.05	.08	1	1	2	49
L900S 350E RD-15 CC	1	21	4	84	.2	18	7	576	2.61	8	5	ND	5	40	1	2	2	57	.37	.131	11	25	.41	148	.13	4	2.08	.05	.12	1	6	2	70
L900S 375E RD-10 CC	1	17	7	111	.2	24	8	752	2.87	6	5	ND	4	48	1	2	2	63	.37	.222	9	34	.47	182	.13	4	2.06	.04	.10	1	4	2	90
L900S 400E RD-15 CC	1	19	6	99	.2	22	8	721	2.83	4	7	ND	5	38	1	2	4	64	.36	.161	9	32	.46	181	.15	4	2.16	.04	.12	2	4	2	76
L900S 425E BR-5 CC	1	14	15	160	.4	16	8	1310	2.60	8	5	ND	2	50	1	2	2	55	.39	.205	8	30	.36	302	.11	3	1.66	.04	.10	1	3	2	68
L900S 450E RD-10 CC	1	17	6	94	.1	19	7	663	2.47	7	5	ND	4	30	1	2	3	49	.37	.136	10	23	.36	104	.14	4	2.22	.06	.08	1	1	2	101
L900S 475E RD-15 CC	1	20	4	113	.1	16	7	936	2.32	9	5	ND	4	29	1	2	3	43	.28	.164	10	19	.28	149	.14	5	2.44	.05	.06	1	1	2	47
L900S 500E RD-15 CC	1	15	4	120	.1	14	7	1201	2.34	6	5	ND	3	52	1	2	2	46	.47	.298	5	21	.30	246	.11	3	1.97	.05	.07	1	2	2	57
L900S 525E RD-15 CC	1	22	10	83	.4	16	7	698	2.34	14	5	ND	4	44	1	5	3	46	.34	.227	11	16	.31	225	.15	5	2.76	.05	.09	2	1	13	47
L900S 550E BR-10 CC	1	16	11	205	.1	13	8	2853	2.47	16	5	ND	1	56	1	2	3	40	.42	.270	6	19	.31	404	.13	3	1.95	.05	.10	1	1	2	40
L900S 575E BR-5 CC	2	36	11	269	.2	21	14	3269	3.48	15	5	ND	3	75	1	2	2	60	.66	.423	5	22	.52	403	.13	4	2.85	.06	.15	1	6	2	55
L900S 600E RD-10 CC	1	21	8	59	.2	14	7	661	2.28	8	5	ND	5	34	1	2	2	46	.29	.117	10	16	.32	180	.16	4	2.95	.05	.07	2	3	2	43
L900S 625E BR-15 CC	1	22	13	91	.1	18	8	1112	3.01	6	5	ND	6	38	1	2	2	70	.45	.116	7	30	.46	178	.14	5	2.21	.04	.10	1	3	2	73
L900S 675E BL-5 CC	1	28	12	139	.2	20	12	2059	3.45	10	5	ND	2	99	1	2	2	72	.88	.161	7	32	.74	230	.16	3	2.56	.06	.23	1	2	2	70
L900S 700E RD-10 CC	1	38	20	240	.4	24	12	2270	3.30	9	5	ND	4	106	1	2	2	57	.60	.446	8	37	.60	257	.15	4	2.47	.05	.14	1	1	2	111
L900S 725E RD-5 CC	1	21	20	129	.2	20	9	1047	3.58	9	5	ND	4	62	1	2	2	76	.49	.197	8	30	.59	166	.16	5	2.50	.05	.13	1	2	2	111
L900S 750E RD-5 CC	1	22	9	113	.3	20	10	834	3.78	8	5	ND	4	51	1	2	2	87	.42	.151	11	30	.70	173	.18	3	2.70	.05	.19	1	3	2	77
L900S 775E BR-15 CC	1	24	17	131	.3	21	10	1044	3.65	8	5	ND	4	62	1	2	2	79	.50	.240	6	31	.62	263	.15	4	2.49	.05	.23	1	2	2	86
L900S 800E RD-15 CC	1	23	23	115	.2	18	8	791	2.81	4	5	ND	4	82	1	2	2	59	.64	.184	10	25	.49	259	.13	5	2.18	.05	.19	1	3	2	61
L900S 825E RD-15 CC	1	20	11	98	.2	17	7	644	2.57	9	7	ND	5	51	1	3	3	54	.45	.210	9	25	.40	220	.12	6	2.00	.05	.15	1	3	2	92
L900S 850E RD-15 CC	1	16	8	92	.1	17	6	465	2.54	7	5	ND	5	45	1	2	2	55	.39	.177	10	25	.38	220	.13	3	1.98	.04	.14	1	9	2	57
L900S 875E BR-15 CC	1	17	8	95	.2	16	6	399	2.40	2	5	ND	4	50	1	3	2	51	.42	.153	10	23	.37	211	.13	4	2.00	.05	.12	1	1	2	55
STD C	21	58	38	135	6.8	68	27	989	3.95	39	15	7	34	47	17	15	19	63	.48	.098	35	59	.88	178	.08	33	1.71	.09	.12	12	100	97	-

SHANGRI-LA MINERALS PROJECT [illegible] FILE # 86-[illegible]

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB	Pt** PPB	Cr* PPM
L900S 900E BR-10 CC	1	15	10	92	.1	16	7	571	2.32	2	10	ND	5	69	1	2	2	53	.51	.156	11	25	.36	245	.14	6	1.89	.05	.15	1	[illegible]	2	[illegible]
L900S 925E BR-15 CC	1	18	9	105	.2	16	7	569	2.41	4	5	ND	5	56	1	2	2	53	.41	.254	11	26	.38	250	.13	5	2.02	.05	.15	1	3	2	62
L900S 950E BR-10 CC	1	15	8	89	.1	17	7	553	2.47	2	5	ND	4	43	1	2	3	58	.40	.203	10	28	.35	211	.12	7	1.74	.05	.13	1	1	2	64
L900S 975E RD-10 CC	1	40	10	96	.2	18	8	531	2.72	4	5	ND	5	41	1	2	2	63	.39	.130	11	28	.41	200	.15	5	2.26	.06	.17	1	1	2	60
L900S 1000E RD-15 CC	1	24	8	90	.3	17	8	536	2.67	4	8	ND	5	41	1	2	2	61	.43	.166	11	27	.41	199	.15	3	2.25	.06	.17	1	1	2	57
L900S 1025E RD-15 CC	1	20	8	113	.1	22	8	633	2.56	2	6	ND	4	41	1	2	4	52	.40	.249	10	24	.41	211	.15	7	2.42	.06	.16	1	1	2	55
L1000S 1000W BR-15 CC	2	152	24	141	.4	50	40	1675	5.28	7	5	ND	4	94	1	2	2	96	.81	.189	16	25	.92	143	.19	9	3.05	.07	.15	1	1	2	55
L1000S 975W RD-5 CC	1	86	19	104	.2	36	21	1150	4.32	7	6	ND	4	79	1	2	2	89	.56	.133	12	27	.82	143	.18	6	2.56	.07	.23	1	3	3	65
L1000S 950W RD-5 CC	2	125	10	117	.3	48	32	1058	5.14	9	5	ND	5	83	1	2	2	108	.44	.110	12	32	1.00	146	.22	8	3.10	.07	.26	1	10	2	65
L1000S 925W BR-10 CC	2	84	31	136	.3	36	26	1332	4.16	13	5	ND	5	108	1	2	2	92	.71	.097	9	30	.88	177	.19	7	3.14	.07	.25	1	3	3	80
L1000S 900W RD-10 CC	2	95	15	115	.2	25	16	958	4.24	2	11	ND	4	126	1	2	2	117	.69	.115	10	30	1.25	194	.24	10	2.59	.09	.39	1	2	3	62
L1000S 875W RD-10 CC	1	98	13	121	.2	26	22	1331	3.33	6	5	ND	3	103	1	2	2	68	.86	.135	6	20	.71	154	.14	9	2.05	.07	.22	1	1	3	38
L1000S 850W BR-10 CC	1	81	17	128	.2	28	22	1510	3.51	11	6	ND	2	109	1	2	4	62	.93	.146	11	18	.54	186	.14	12	2.04	.08	.18	1	1	2	36
L1000S 825W BR-10 CC	1	49	5	114	.1	33	15	953	3.13	6	6	ND	3	51	1	2	2	75	.53	.082	10	26	.60	128	.14	6	1.97	.06	.22	1	11	2	86
L1000S 800W BR-15 CC	1	45	10	115	.2	28	14	923	3.52	13	5	ND	4	42	1	2	2	84	.64	.082	10	29	.55	169	.15	8	2.26	.06	.35	1	3	2	77
L1000S 775W BR-15 CC	1	138	8	177	.3	37	36	1805	5.04	10	5	ND	3	250	1	2	2	36	2.45	.788	8	10	.32	313	.06	9	1.86	.13	.12	1	1	2	34
L1000S 750W BR-10 CC	1	48	14	106	.1	26	15	942	3.59	4	5	ND	4	53	1	2	2	74	.50	.075	14	31	.54	136	.17	8	2.59	.06	.32	1	1	3	70
L1000S 725W BR-15 CC	1	151	22	138	.2	31	28	1665	5.22	14	5	ND	4	83	1	2	2	93	1.13	.114	13	27	.72	122	.16	9	2.87	.07	.26	1	119	2	72
L1000S 700W BR-10 CC	2	220	21	145	.3	45	50	2125	5.89	18	5	ND	4	95	1	2	2	94	.72	.130	15	30	.67	119	.17	10	3.40	.07	.26	2	1	4	75
L1000S 675W BR-10 CC	2	206	8	170	.4	45	45	1201	5.23	16	5	ND	3	125	1	3	2	48	1.07	.337	10	14	.36	123	.12	12	2.95	.07	.15	2	2	2	38
L1000S 650W BR-10 CC	1	79	13	192	.1	52	32	978	4.36	14	5	ND	3	118	1	2	3	40	.96	.352	3	17	.37	159	.10	10	2.30	.08	.16	1	1	2	47
L1000S 625W RD-10 CC	1	45	11	282	.1	33	16	854	3.43	18	5	ND	3	80	1	2	2	69	.63	.266	8	22	.58	176	.16	11	2.23	.08	.22	1	2	2	37
L1000S 600W RD-15 CC	1	47	12	135	.2	26	16	797	3.55	2	5	ND	5	61	1	2	2	77	.48	.210	12	31	.61	174	.18	9	2.67	.06	.25	1	1	2	67
L1000S 575W BR-15 CC	1	23	7	101	.1	19	9	489	3.06	2	5	ND	3	48	1	2	2	78	.48	.097	13	33	.56	139	.19	4	1.90	.06	.28	1	2	2	66
L1000S 550W BR-15 CC	1	13	2	115	.1	14	6	446	2.13	2	5	ND	2	36	1	2	3	48	.29	.091	8	23	.39	156	.15	4	1.75	.05	.21	1	1	2	71
L1000S 525W BR-15 CC	1	9	6	102	.1	12	6	812	2.03	2	5	ND	2	34	1	2	2	46	.26	.084	5	21	.34	163	.14	4	1.51	.05	.20	1	1	2	40
L1000S 500W BR-15 CC	1	16	7	102	.2	16	8	500	2.61	3	5	ND	3	42	1	2	2	65	.34	.088	9	28	.48	157	.17	7	1.85	.05	.22	1	5	2	66
L1000S 475W BR-10 CC	1	20	10	107	.1	17	9	668	2.67	3	5	ND	2	57	1	2	2	68	.42	.143	8	27	.49	203	.15	6	1.82	.05	.16	1	1	2	62
L1000S 450W RD-15 CC	1	26	6	134	.2	27	10	449	3.01	4	5	ND	3	42	1	2	2	73	.33	.109	6	36	.57	170	.18	6	2.40	.04	.25	1	1	2	123
L1000S 425W RD-10 CC	1	22	17	141	.1	37	10	987	2.53	4	5	ND	3	69	1	2	3	56	.56	.123	5	32	.44	229	.13	4	1.62	.05	.18	1	1	2	130
L1000S 400W RD-15 CC	1	24	12	121	.3	60	12	512	3.13	4	5	ND	4	64	1	2	2	61	.58	.182	12	45	.59	142	.13	8	1.96	.06	.16	1	3	2	130
L1000S 375W RD-20 CC	1	20	11	183	.3	16	7	1032	2.09	2	5	ND	2	57	1	2	2	35	.45	.478	7	17	.28	239	.12	7	2.53	.06	.12	1	1	2	45
L1000S 350W RD-10 CC	1	36	12	293	.1	15	10	1429	2.81	6	5	ND	3	76	1	2	2	55	.72	.284	5	23	.53	387	.14	5	2.21	.06	.21	1	1	2	62
L1000S 325W BR-10 CC	1	67	15	259	.5	21	11	2339	3.12	4	5	ND	2	117	2	2	2	64	1.11	.284	10	25	.57	329	.15	6	2.94	.07	.20	1	2	2	47
L1000S 300W BP-15 CC	1	25	13	193	.2	14	7	1244	2.25	4	5	ND	2	48	1	2	2	39	.54	.470	9	20	.32	402	.13	6	2.39	.06	.14	1	1	2	68
L1000S 275W BP-10 CC	1	21	9	71	.3	15	8	478	2.63	7	5	ND	3	34	1	2	2	75	.52	.139	13	39	.45	92	.14	3	1.30	.06	.14	2	4	2	105
STD C/FA-5X	21	60	41	135	7.0	70	30	1070	3.97	39	17	8	35	49	19	16	19	67	.48	.107	37	60	.88	186	.09	38	1.72	.09	.13	12	95	101	-

SHANGRI-LA MINERALS PROJECT [illegible] [illegible]

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB	Pt** PPB	[illegible] PPM
L1000S 250W RD-15 CC	1	15	8	152	.4	21	6	597	2.06	6	5	ND	3	60	1	2	2	45	.66	.064	9	28	.31	224	.11	7	1.70	.06	.12	1	2	2	142
L1000S 225W BR-15 CC	2	24	10	64	.2	22	8	417	3.12	3	5	ND	5	43	1	2	2	84	.70	.124	18	47	.62	79	.16	4	1.39	.07	.23	1	9	2	114
L1000S 200W BR-15 CC	1	16	10	126	.2	15	6	610	2.05	3	5	ND	2	31	1	2	2	47	.49	.205	7	22	.31	164	.12	4	1.54	.05	.10	1	8	2	74
L1000S 175W RD-15 CC	1	17	9	122	.2	17	6	347	2.30	3	5	ND	3	24	1	2	2	50	.36	.104	8	25	.22	76	.15	4	2.39	.05	.07	1	3	2	63
L1000S 125W BR-20 CC	1	27	14	72	.5	26	6	600	2.25	2	5	ND	2	53	1	2	2	43	1.11	.055	10	28	.33	57	.13	6	2.14	.08	.08	1	2	2	62
L1000S 100W BR-15 CC	2	36	13	104	.6	29	7	667	2.67	2	5	ND	5	50	1	2	2	51	.95	.035	12	32	.41	61	.15	8	2.35	.08	.10	2	3	2	60
L1000S 75W RD-15 CC	1	18	14	164	.2	23	7	591	2.39	4	5	ND	3	33	1	2	2	46	.43	.225	10	22	.30	114	.13	5	2.18	.06	.09	1	3	2	53
L1000S 50W RD-20 CC	1	18	11	125	.2	18	6	380	2.37	4	5	ND	3	27	1	2	2	51	.34	.218	8	23	.29	86	.12	5	2.16	.05	.08	1	2	2	59
L1000S 25W RD-15 CC	1	20	10	90	.3	22	7	414	2.79	4	5	ND	4	36	1	2	2	63	.55	.038	12	31	.42	92	.15	5	2.08	.06	.11	1	1	2	68
L1000S 00 RD-10 CC	1	14	11	74	.1	19	6	311	2.46	4	5	ND	2	27	1	2	2	59	.32	.160	8	31	.31	116	.10	4	1.41	.04	.06	1	2	2	86
L1800S 00 BR-10 CC	1	11	10	48	.1	79	7	308	2.12	3	5	ND	3	26	1	2	2	47	.28	.130	8	37	.36	173	.12	5	1.75	.04	.05	2	4	2	82
L1800S 25E RD-15 CC	1	22	7	45	.1	203	12	270	2.98	5	5	ND	5	21	1	2	2	71	.30	.124	10	87	.82	48	.14	8	2.18	.04	.07	3	6	2	164
L1800S 50E RD-10 CC	1	11	11	82	.2	105	9	439	2.24	4	5	ND	3	22	1	3	2	45	.23	.197	6	48	.39	174	.13	4	1.94	.04	.06	1	5	2	95
L1800S 75E RD-10 CC	1	15	7	57	.2	110	9	303	2.68	5	5	ND	3	33	1	2	2	63	.31	.103	7	51	.45	150	.13	6	1.82	.05	.07	1	20	2	115
L1800S 125E BR-10 CC	2	10	16	92	.1	216	17	845	2.29	7	5	ND	3	41	1	2	2	48	.41	.096	5	77	.82	274	.11	11	1.40	.05	.08	2	3	2	148
L1800S 150E RD-10 CC	1	16	10	55	.2	123	10	389	2.59	4	5	ND	4	34	1	2	2	61	.36	.098	8	55	.53	139	.12	5	1.77	.04	.08	1	4	2	114
L1800S 175E RD-10 CC	1	16	15	58	.1	102	9	436	2.41	5	5	ND	4	29	1	2	2	52	.29	.128	6	44	.46	147	.14	5	2.29	.04	.06	1	3	2	89
L1800S 225E BR-10 CC	1	17	17	58	.1	141	14	620	2.80	6	5	ND	4	39	1	2	2	63	.39	.078	6	78	.69	151	.14	6	1.89	.04	.15	1	7	2	148
L1800S 250E BR-15 CC	1	25	32	83	.3	224	26	833	3.17	6	5	ND	3	49	1	2	2	65	.53	.089	8	175	1.21	181	.12	9	1.86	.04	.19	1	7	2	287
L1800S 275E BR-10 CC	1	18	9	80	.2	92	10	552	2.35	6	5	ND	3	46	1	2	2	49	.38	.113	8	63	.52	259	.12	7	1.71	.04	.15	1	7	2	107
L1800S 300E BR-10 CC	1	11	8	46	.1	408	23	415	1.83	3	5	ND	2	27	1	2	2	26	.25	.048	3	162	1.83	196	.08	16	1.14	.05	.07	2	18	2	213
L1800S 325E BR-10 CC	1	11	15	55	.1	710	45	532	2.24	11	5	ND	3	29	1	2	2	26	.27	.045	2	269	2.79	173	.08	24	1.55	.06	.07	1	4	2	394
L1800S 350E BR-10 CC	2	11	10	56	.1	962	89	852	2.55	20	5	ND	2	25	1	2	2	28	.23	.047	2	238	4.18	118	.09	38	1.59	.06	.06	1	78	2	362
L1800S 375E BR-10 CC	2	16	17	57	.1	871	95	1098	2.68	39	5	ND	1	43	1	8	2	23	.48	.060	2	317	6.13	140	.06	49	1.08	.06	.06	2	10	2	588
L1800S 400E BR-10 CC	1	11	23	56	.1	315	23	493	2.20	13	5	ND	3	38	1	2	2	39	.35	.027	6	143	1.11	166	.13	10	1.63	.05	.08	1	6	2	203
L1800S 425E BR-10 CC	1	13	9	53	.1	530	42	558	2.63	15	5	ND	2	31	1	2	2	36	.33	.049	6	318	2.72	164	.09	22	1.62	.05	.10	2	4	2	473
L1800S 450E BR-10 CC	1	16	4	57	.1	427	27	385	3.30	3	5	ND	3	22	1	2	2	63	.27	.052	6	227	1.84	136	.14	13	1.75	.05	.07	1	37	3	255
L1800S 475E BR-10 CC	1	17	15	57	.1	468	31	527	2.72	3	5	ND	4	38	1	2	2	45	.41	.049	9	156	1.44	192	.14	12	2.23	.06	.11	1	5	2	247
L1800S 500E BR-15 CC	1	20	12	53	.1	415	38	613	2.97	7	5	ND	3	32	1	2	2	51	.32	.070	13	204	1.95	137	.12	15	1.91	.06	.13	1	45	2	315
L1800S 525E BR-15 CC	1	16	17	68	.1	620	46	815	3.29	10	5	ND	4	28	1	2	2	51	.27	.062	12	258	3.03	176	.13	25	2.44	.06	.13	2	82	2	367
L1800S 600E BR-10 CC	1	15	17	65	.1	342	24	626	3.25	8	5	ND	4	33	1	2	2	60	.34	.061	7	182	1.39	151	.13	9	2.06	.05	.10	1	7	2	328
L1800S 625E BR-10 CC	1	14	11	59	.2	457	30	479	3.13	10	5	ND	5	25	1	2	2	55	.25	.042	11	205	1.70	103	.13	15	1.95	.05	.09	2	4	2	304
L1800S 650E BR-15 CC	1	17	11	69	.1	597	41	599	2.73	7	5	ND	3	36	1	2	2	37	.27	.089	9	196	1.65	234	.11	11	1.94	.05	.06	1	15	2	298
L1800S 675E BR-15 CC	1	10	9	46	.2	240	15	233	2.01	6	5	ND	3	29	1	2	2	36	.23	.059	6	82	.61	147	.11	6	1.78	.04	.07	3	7	2	234
L1800S 700E BR-10 CC	1	16	6	55	.1	224	12	629	1.51	7	5	ND	1	32	1	2	3	25	.26	.039	3	76	.73	75	.08	8	1.32	.05	.06	1	3	2	185
L1800S 725E BR-10 CC	2	18	13	82	.1	1229	76	1087	4.23	46	5	ND	3	49	1	9	2	26	.36	.059	3	631	9.49	178	.06	48	1.21	.07	.09	1	54	5	1067
STD C/FA-5X	21	59	40	136	6.9	67	28	997	3.94	39	18	8	32	46	18	15	18	63	.48	.101	34	60	.86	171	.08	36	1.72	.09	.13	12	98	99	-

SHANGRI-LA MINERALS PROJECT [illegible] FILE # [illegible] PAGE [illegible]

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB	Pt** PPB	Cr* PPM
L1800S 750E BR-10 CC	1	12	33	69	.2	704	34	724	2.72	18	5	ND	2	38	1	2	2	42	.34	.043	9	188	1.60	199	.11	15	1.81	.05	.06	1	11	2	294
L1800S 775E BR-5 CC	2	13	19	68	.1	722	60	1188	4.13	104	5	ND	1	24	1	2	2	39	.20	.111	7	359	2.74	137	.09	22	1.76	.05	.05	1	56	2	459
L1800S 825E BR-15 CC	1	23	15	71	.1	304	20	685	3.06	2	5	ND	2	49	1	2	2	49	.43	.052	7	200	1.40	178	.13	11	1.48	.05	.17	1	10	2	373
L1800S 850E BP-15 CC	1	20	16	76	.3	326	18	434	2.68	3	5	ND	4	43	1	2	2	44	.34	.090	8	117	1.04	137	.14	10	2.20	.06	.15	1	3	2	211
L1800S 875E BR-15 CC	1	22	14	85	.1	289	16	576	3.34	2	5	ND	2	42	1	2	2	56	.34	.068	11	125	1.22	100	.12	10	1.84	.05	.14	1	5	2	327
L1800S 900E BR-15 CC	1	13	13	70	.1	188	11	423	2.43	4	5	ND	3	35	1	2	2	41	.29	.049	7	93	.87	106	.10	13	1.51	.05	.10	1	3	2	220
L1800S 925E BR-15 CC	2	18	17	114	.2	207	13	556	3.01	2	5	ND	3	40	1	2	2	51	.36	.043	8	115	1.05	98	.11	14	1.55	.05	.12	1	3	2	290
L1800S 950E RD-10 CC	1	19	23	223	.1	382	31	1643	3.08	12	5	ND	1	48	1	2	2	29	.25	.163	2	160	1.21	216	.09	10	1.09	.05	.07	1	3	2	309
L1800S 1000E BR-10 CC	1	36	23	96	.2	719	42	922	3.75	23	5	ND	2	68	1	2	2	43	.35	.098	10	167	2.09	142	.11	20	1.68	.05	.05	1	6	2	386
L1800S 1025E BL-5 CC	1	25	39	122	.2	462	41	1887	2.90	9	5	ND	1	78	1	2	2	37	.56	.120	8	177	1.75	278	.09	17	1.21	.06	.08	1	8	2	399
L1800S 1050E BR-10 CC	1	13	13	56	.1	277	13	409	2.09	7	5	ND	2	36	1	2	2	33	.26	.156	6	69	.74	134	.11	12	1.84	.05	.07	1	25	2	154
L1800S 1075E BR-10 CC	1	13	13	52	.1	266	11	357	1.79	9	5	ND	2	41	1	2	2	28	.33	.055	6	63	.70	75	.10	10	1.74	.06	.08	1	4	2	114
L1800S 1100E BR-15 CC	1	14	17	72	.1	201	11	435	1.77	8	5	ND	3	40	1	2	2	27	.26	.162	7	55	.59	124	.10	11	1.76	.05	.08	1	2	2	112
L1800S 1125E RD-15 CC	1	11	17	59	.1	170	8	408	1.79	5	5	ND	2	27	1	2	2	31	.20	.085	8	47	.47	103	.10	9	1.68	.05	.06	1	1	2	116
L1800S 1150E RD-10 CC	1	14	7	55	.1	139	10	477	2.48	6	5	ND	3	37	1	2	2	48	.31	.143	6	63	.62	141	.12	11	1.94	.05	.08	1	1067	2	204
L1900S BL00E BR-15 CC	1	8	9	37	.1	165	9	193	1.78	2	5	ND	4	22	1	2	2	32	.20	.086	6	39	.39	111	.12	7	2.05	.04	.05	2	3	2	88
L1900S 25E BR-10 CC	2	8	30	68	.1	426	27	1051	2.08	12	5	ND	1	40	1	2	2	21	.38	.048	5	399	4.21	260	.05	60	.72	.05	.07	1	5	3	802
L1900S 50E GR-10 CC	1	6	13	26	.1	104	12	434	1.32	4	5	ND	1	29	1	2	2	19	.24	.033	4	79	.60	109	.07	12	1.03	.04	.07	2	2	2	130
L1900S 75E BR-5 CC	1	9	21	44	.1	595	38	746	2.62	2	5	ND	3	30	1	2	2	33	.31	.047	7	308	4.02	135	.08	43	1.68	.06	.08	2	232	2	517
L1900S 150E BR-5 CC	1	11	26	54	.3	528	57	1057	2.27	4	5	ND	3	37	1	2	2	31	.39	.038	6	122	3.50	208	.08	34	1.37	.05	.07	2	226	2	287
L1900S 175E BR-5 CC	1	13	18	56	.1	405	24	382	3.02	2	5	ND	5	29	1	2	2	65	.48	.128	16	153	2.15	142	.23	22	1.77	.06	.13	1	7	2	321
L1900S 200E BR-10 CC	1	12	18	44	.2	686	55	721	2.36	2	5	ND	3	27	1	2	2	31	.28	.030	9	230	2.82	152	.10	37	1.88	.06	.09	2	30	2	350
L1900S 225E BR-10 CC	1	14	12	49	.2	530	38	621	2.97	9	5	ND	5	26	1	2	2	49	.24	.056	13	221	2.29	169	.14	27	2.46	.05	.13	3	3	2	397
L1900S 250E BR-5 CC	1	15	18	59	.1	620	52	807	3.01	5	5	ND	4	21	1	2	2	47	.21	.060	12	197	2.77	167	.13	34	2.45	.05	.12	2	4	2	340
L1900S 275E BR-2 CC	1	16	15	71	.1	257	24	726	3.09	9	5	ND	3	24	1	2	2	61	.27	.093	8	111	1.10	139	.14	14	2.39	.04	.12	3	7	2	224
L1900S 325E BR-15 CC	1	17	13	50	.1	518	34	491	2.47	3	5	ND	3	39	1	2	2	40	.42	.045	5	251	2.04	206	.09	21	1.47	.05	.09	1	3	2	451
L1900S 350E GR-15 CC	1	21	12	52	.3	346	33	662	2.59	3	5	ND	2	48	1	2	3	49	.57	.085	6	136	1.21	231	.11	19	1.56	.05	.13	1	7	2	255
L1900S 375E GR-10 CC	1	17	4	45	.1	289	22	416	2.74	2	5	ND	2	41	1	2	2	56	.44	.066	8	103	.88	158	.13	12	1.76	.05	.06	1	8	2	257
L1900S 400E BR-10 CC	1	20	9	59	.1	689	48	693	2.67	7	5	ND	2	43	1	2	2	43	.46	.094	9	162	1.46	206	.11	15	2.10	.05	.07	1	18	2	268
L1900S 425E BR-10 CC	1	17	7	47	.1	311	28	496	3.42	2	5	ND	4	28	1	2	2	69	.32	.058	8	184	1.36	113	.13	8	1.88	.05	.15	1	6	2	339
L1900S 450E BR-2 CC	1	16	24	74	.1	595	53	1091	2.84	11	5	ND	2	40	1	2	2	40	.42	.123	9	151	2.32	234	.12	21	2.21	.05	.09	1	8	2	248
L1900S 475E BR-10 CC	1	19	16	83	.1	539	43	937	2.96	8	5	ND	2	52	1	2	2	41	.52	.158	6	253	2.32	244	.11	15	1.85	.06	.08	1	4	2	407
L1900S 500E BR-5 CC	1	19	20	76	.1	619	51	867	3.55	8	5	ND	3	40	1	2	2	50	.47	.092	6	239	2.37	173	.11	15	2.00	.05	.10	1	5	2	425
L1900S 550E BR-10 CC	1	18	9	60	.4	532	41	639	3.24	8	5	ND	3	29	1	2	2	56	.31	.077	12	214	2.20	139	.13	17	2.14	.05	.10	1	10	2	361
L1900S 575E BR-10 CC	1	14	18	69	.2	652	44	757	3.81	24	5	ND	3	20	1	2	2	57	.24	.080	8	248	3.27	122	.12	22	2.08	.05	.07	1	25	2	422
L1900S 625E BR-10 CC	2	18	14	70	.2	507	38	785	3.85	19	5	ND	4	29	1	2	2	63	.30	.082	13	235	2.49	148	.14	19	2.28	.05	.09	1	7	2	413
L1900S 650E BR-10 CC	1	15	10	67	.4	550	39	771	4.19	21	5	ND	3	24	1	2	2	43	.25	.077	13	316	2.67	121	.12	20	2.05	.05	.09	1	9	2	544
STD C/FA-5X	21	58	38	133	6.9	66	27	980	3.94	37	18	6	32	46	17	15	20	61	.48	.100	37	57	.88	171	.08	36	1.71	.09	.12	13	96	101	–

SHANGRI-LA MINERALS PROJECT CASTLE FILE # 86-[illegible] [illegible]

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB	Pt** PPB	Cr* PPM
L1900S 675E BR-2 CC	1	18	8	76	.1	541	40	962	3.33	18	5	ND	2	27	1	2	3	51	.27	.119	10	291	2.80	155	.10	20	1.75	.05	.08	1	2	2	495
L1900S 700E BR-2 CC	1	21	15	71	.1	393	26	754	3.17	10	5	ND	4	40	1	2	3	65	.37	.084	12	177	1.44	162	.15	12	1.95	.04	.11	1	1	2	326
L1900S 750E BR-10 CC	1	13	6	56	.1	292	19	396	2.73	5	5	ND	4	37	1	2	2	49	.28	.044	8	136	1.08	85	.12	10	1.69	.04	.09	1	54	2	276
L1900S 775E BR-10 CC	1	20	8	56	.1	212	11	475	1.80	7	5	ND	3	47	1	2	2	30	.34	.066	11	59	.66	93	.10	9	1.69	.05	.07	1	43	2	123
L1900S 800E BR-10 CC	1	15	4	79	.1	221	16	635	2.15	6	5	ND	2	49	1	2	2	37	.32	.119	8	78	.67	132	.11	7	1.74	.05	.07	1	1	2	152
L1900S 825E BR-10 CC	1	15	4	68	.1	201	11	525	1.93	6	5	ND	4	41	1	2	2	31	.27	.084	8	47	.51	68	.11	6	1.87	.05	.07	1	2	2	112
L1900S 850E BR-15 CC	1	12	4	132	.1	95	8	704	2.05	4	5	ND	3	56	1	2	2	38	.28	.278	9	50	.43	206	.11	6	1.53	.04	.07	1	1	2	141
L1900S 875E BR-15 CC	1	14	5	59	.1	124	9	470	2.31	3	5	ND	4	43	1	2	2	48	.28	.139	9	78	.64	115	.11	9	1.59	.04	.09	1	2	2	155
L1900S 900E RD-15 CC	1	41	43	176	1.2	30	8	3247	5.27	24	5	ND	4	45	1	2	2	56	.27	.110	13	24	.37	147	.03	6	1.02	.04	.09	1	2	2	51
L1900S 925E BR-15 CC	1	12	9	69	.1	152	9	494	3.01	2	5	ND	3	31	1	2	2	65	.30	.026	10	105	.75	75	.14	8	1.61	.04	.07	1	13	2	224
L1900S 950E BR-5 CC	1	26	87	242	.1	36	5	2732	1.53	4	5	ND	1	133	4	2	2	23	.98	.189	9	19	.24	424	.07	7	1.31	.05	.13	1	4	2	44
L1900S 975E GR-15 CC	1	9	6	57	.1	207	10	405	1.97	3	5	ND	2	43	1	2	2	36	.29	.045	6	102	.76	148	.10	8	1.25	.04	.08	1	3	2	267
L1900S 1000E BR-15 CC	1	14	6	73	.1	184	12	289	2.30	9	5	ND	3	34	1	2	2	42	.24	.116	7	78	.70	124	.11	5	1.72	.04	.05	1	851	2	198
L1900S 1025E BR-15 CC	1	12	5	62	.1	130	10	303	2.20	4	5	ND	4	31	1	2	2	39	.20	.133	8	61	.56	151	.12	5	1.99	.05	.07	1	6	2	142
L1900S 1050E BR-15 CC	1	11	6	91	.1	150	12	339	2.51	2	5	ND	3	34	1	2	2	48	.25	.135	8	71	.65	103	.12	8	1.80	.04	.06	1	4	2	200
L1900S 1075E BR-15 CC	1	15	5	96	.1	122	9	523	2.45	2	5	ND	4	49	1	2	2	43	.31	.104	10	56	.55	177	.12	5	1.94	.05	.06	1	77	2	126
L1900S 1100E BR-15 CC	1	31	7	74	.1	287	11	1043	2.08	4	5	ND	2	58	1	2	2	36	.39	.053	17	57	.65	96	.10	6	1.74	.06	.05	1	21	2	118
L1900S 1125E GR-15 CC	1	12	8	60	.1	235	14	361	2.59	3	5	ND	3	47	1	2	2	50	.34	.076	10	105	.84	135	.12	7	1.59	.05	.09	1	7	2	291
L1900S 1150E GR-15 CC	1	10	7	46	.1	215	13	379	2.54	3	5	ND	3	34	1	2	2	51	.31	.043	6	100	.80	110	.11	7	1.27	.05	.09	1	7	2	338
L1900S 1175E BR-5 CC	1	28	30	121	.4	1007	58	2022	3.88	15	5	ND	1	100	1	2	3	21	.54	.137	3	213	4.46	364	.04	17	.61	.06	.06	1	9	2	492
L1900S 1200E BR-10 CC	1	16	20	72	.1	1327	78	1177	4.62	15	5	ND	1	84	1	8	2	18	.32	.053	2	241	10.24	113	.03	26	.62	.06	.04	1	19	2	1457
L2000S 00 BR-5 CC	1	11	8	59	.1	320	13	390	2.30	2	5	ND	3	36	1	2	2	38	.33	.058	5	101	.88	147	.13	5	1.74	.05	.13	1	2	2	172
L2000S 25E BR-10 CC	1	8	7	62	.1	715	37	526	2.11	7	5	ND	3	41	1	2	3	27	.32	.055	5	213	1.54	143	.10	14	1.63	.05	.07	1	5	2	383
L2000S 100E BR-15 CC	1	7	5	42	.1	453	19	251	2.12	2	5	ND	2	37	1	2	2	31	.29	.029	4	174	1.18	146	.10	14	1.47	.05	.06	2	1	2	324
L2000S 125E BR-15 CC	1	10	8	47	.2	399	19	340	2.15	2	5	ND	3	45	1	2	2	37	.28	.081	5	127	.87	210	.14	9	2.15	.06	.06	1	2	2	200
L2000S 150E RD-10 CC	1	11	8	48	.1	208	12	274	2.50	2	5	ND	3	30	1	2	2	52	.27	.072	11	95	.72	116	.14	7	2.07	.05	.05	1	2	2	181
L2000S 175E BR-5 CC	1	9	6	59	.1	266	13	269	2.55	4	5	ND	3	42	1	2	2	53	.37	.100	7	94	.74	117	.11	8	1.61	.04	.04	1	4	2	208
L2000S 200E BR-10 CC	1	12	5	56	.1	361	20	286	2.87	2	5	ND	4	26	1	2	2	61	.26	.061	5	142	1.21	107	.13	7	1.77	.05	.06	1	1	2	282
L2000S 225E BR-15 CC	1	10	12	74	.1	495	23	363	2.74	8	5	ND	4	31	1	2	2	45	.27	.077	8	172	1.68	163	.13	16	2.08	.05	.07	1	89	2	277
L2000S 250E BR-10 CC	1	17	10	52	.1	271	20	682	2.18	4	5	ND	3	35	1	2	2	34	.30	.043	12	132	1.30	138	.12	9	2.01	.05	.08	1	1	2	233
L2000S 300E BL-5 CC	1	18	13	86	.1	380	42	1455	2.83	2	5	ND	1	36	1	2	2	41	.32	.095	5	274	2.26	245	.09	12	1.39	.05	.06	1	1	2	408
L2000S 325E BR-5 CC	1	14	15	59	.1	172	12	460	1.90	3	5	ND	1	41	1	2	2	35	.38	.133	5	84	.74	213	.10	6	1.56	.05	.08	1	2	2	189
L2000S 350E BR-10 CC	1	19	11	116	.3	354	34	1054	2.46	2	7	ND	2	47	1	2	2	38	.40	.094	3	211	1.51	397	.10	11	1.30	.05	.10	1	27	2	304
L2000S 375E RD-10 CC	1	7	5	25	.3	104	7	157	1.55	2	5	ND	2	29	1	2	2	25	.23	.102	4	47	.36	156	.10	7	1.72	.05	.06	1	1	2	92
L2000S 400E BR-15 CC	1	13	6	41	.1	296	18	492	2.26	3	5	ND	3	37	1	2	2	33	.33	.048	9	161	1.51	154	.12	20	1.87	.07	.07	1	5	2	179
L2000S 425E RD-10 CC	1	13	12	54	.1	465	30	467	3.27	6	5	ND	4	27	1	2	2	55	.25	.041	8	222	1.43	104	.13	13	1.95	.05	.09	1	2	2	411
STD C	22	58	40	135	7.0	69	29	1027	3.95	38	16	7	34	48	18	15	20	64	.48	.103	37	57	.88	190	.08	36	1.72	.09	.17	13	98	103	-

SHANGRI-LA MINERALS PROJECT [illegible] FILE # [illegible]

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB	Pt** PPB	Cr* PPM
L2000S 450E BR-15 CC	1	17	5	49	.1	503	38	620	2.65	14	6	ND	3	27	1	2	2	47	.25	.060	10	134	1.66	135	.12	5	1.95	.05	.10	1	3	2	216
L2000S 475E BR-20 CC	1	18	8	59	.1	306	26	696	3.27	17	5	ND	3	38	1	2	2	47	.40	.085	13	227	1.58	122	.12	10	1.94	.06	.12	1	210	2	404
L2000S 500E BR-15 CC	1	13	4	44	.1	183	16	409	2.81	8	5	ND	3	31	1	2	3	55	.34	.057	8	143	1.05	109	.11	9	1.48	.05	.12	1	30	2	231
L2000S 525E BR-5 CC	2	24	9	66	.1	645	62	1594	2.79	15	5	ND	2	34	1	4	3	36	.33	.116	10	312	3.87	192	.09	36	1.72	.06	.09	1	3	2	398
L2000S 550E BR-5 CC	1	21	10	52	.1	586	46	1122	4.04	13	5	ND	2	24	1	5	4	45	.28	.073	8	448	3.56	85	.09	22	1.78	.05	.07	1	14	2	696
L2000S 575E RD-5 CC	1	16	10	61	.1	613	49	955	3.12	9	5	ND	4	24	1	2	3	48	.26	.081	8	271	2.35	102	.13	19	2.14	.06	.10	1	4	2	359
L2000S 600E RD-10 CC	1	12	6	47	.1	164	11	321	2.82	8	5	ND	3	28	1	2	2	62	.32	.102	7	85	.64	139	.12	5	1.78	.05	.08	2	6	2	194
L2000S 625E BR-15 CC	1	9	4	40	.1	90	8	205	2.56	2	8	ND	3	29	1	2	5	55	.32	.077	9	72	.50	91	.10	5	1.42	.04	.07	2	3	2	164
L2000S 650E BR-10 CC	1	18	5	54	.1	206	16	723	2.67	10	7	ND	3	34	1	2	3	57	.35	.053	6	107	.92	117	.10	7	1.52	.05	.08	1	16	2	218
L2000S 725E BR-15 CC	1	8	5	28	.1	127	7	154	1.93	6	5	ND	3	24	1	2	3	38	.20	.095	5	49	.39	98	.11	3	1.61	.04	.06	1	4	2	106
L2000S 750E BR-15 CC	1	16	8	41	.1	98	8	273	1.95	6	5	ND	3	35	1	2	2	38	.24	.144	6	37	.35	138	.13	4	2.17	.05	.08	1	5	2	98
L2000S 775E RD-15 CC	1	13	7	54	.1	149	11	482	2.49	5	5	ND	4	40	1	2	3	51	.32	.131	8	61	.52	193	.12	4	1.83	.05	.09	1	3	2	140
L2000S 800E BR-15 CC	1	12	8	55	.1	278	15	623	2.27	4	8	ND	2	51	1	5	2	44	.39	.089	5	70	.55	248	.09	4	1.30	.05	.08	1	4	2	132
L2000S 825E BR-15 CC	1	8	7	52	.1	411	17	466	1.91	10	5	ND	2	75	1	2	2	34	.37	.080	6	60	.69	176	.09	7	1.32	.05	.08	1	9	2	120
L2000S 850E BR-10 CC	1	13	19	52	.1	603	23	308	3.73	34	5	ND	3	49	1	2	2	57	.31	.043	4	163	1.64	91	.13	8	1.70	.06	.10	1	44	2	447
L2000S 875E BR-15 CC	1	17	18	54	.1	331	24	639	3.57	17	5	ND	4	42	1	2	2	74	.38	.062	10	148	1.13	118	.13	8	1.65	.05	.14	1	10	2	326
L2000S 900E BR-10 CC	1	17	16	65	.1	643	44	1034	3.28	36	5	ND	2	87	1	2	2	42	.45	.070	7	233	1.84	181	.11	12	1.84	.05	.09	1	9	2	607
L2000S 925E RD-	1	12	9	62	.2	280	17	635	2.69	7	5	ND	3	43	1	2	2	49	.28	.060	9	135	.85	193	.11	8	1.53	.05	.13	1	67	2	307
L2000S 950E BR-15 CC	1	15	12	63	.2	168	12	471	2.30	11	7	ND	3	48	1	2	3	44	.42	.158	9	70	.52	184	.11	6	1.74	.05	.13	1	4	2	184
L2000S 975E BR-10 CC	1	10	9	50	.1	101	10	334	2.69	4	5	ND	2	33	1	2	2	62	.38	.044	7	95	.68	113	.14	3	1.26	.05	.14	1	5	2	232
L2000S 1000E BR-15 CC	2	11	8	66	.6	91	8	417	2.53	5	5	3	3	32	1	2	3	55	.35	.062	4	67	.50	176	.13	5	1.55	.05	.16	1	35	2	209
L2000S 1025E BR-15 CC	1	16	5	50	.1	74	8	339	2.48	6	5	ND	3	34	1	2	2	54	.39	.105	7	48	.45	144	.12	4	1.54	.05	.15	1	2	2	132
L2000S 1050E BR-15 CC	1	12	9	73	.1	125	9	316	2.39	8	5	ND	2	39	1	3	2	48	.30	.141	6	60	.51	217	.13	5	1.79	.05	.09	1	2	2	259
L2000S 1075E RD-15 CC	1	15	9	60	.2	211	14	504	2.45	8	5	ND	4	51	1	2	2	46	.36	.136	8	102	.60	213	.11	4	1.67	.05	.12	1	4	2	112
L2000S 1100E RD-15 CC	1	15	6	57	.3	103	9	359	2.08	12	5	ND	4	32	1	2	2	41	.26	.156	7	54	.41	144	.11	5	1.80	.05	.08	1	3	2	133
STD C/FA-5X	21	58	39	138	6.9	71	29	1019	3.96	41	14	8	33	47	18	17	21	64	.48	.102	36	59	.88	177	.08	33	1.72	.09	.14	13	99	96	-

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS AU** PT** BY FA-MS.

DATE RECEIVED: NOV 21 1986 DATE REPORT MAILED: Dec 5/86 ASSAYER. D. Toye. DEAN TOYE. CERTIFIED B.C. ASSAYER.

SHANGRI-LA MINERALS PROJECT - CASTLE FILE # 86-3785

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM
C6-22	1	51	3	98	.4	8	15	970	5.31	19	7	ND	1	37
C6-52	5	2	3	13	.4	1649	59	500	3.24	35	16	ND	1	2
C6-54	1	26	6	59	.3	207	18	688	3.81	6	9	ND	2	145
C6-55	1	11	11	38	.1	16	5	202	1.69	2	5	ND	6	70
C6-56	2	19	8	74	.3	12	8	336	4.30	13	5	ND	1	22
C6-57	2	112	7	62	.2	27	25	952	4.82	18	6	ND	5	88
C6-58	1	142	2	80	.3	14	18	1095	4.06	3	5	ND	3	101
C6-59	8	651	9	69	1.1	16	19	702	4.50	40	5	ND	2	77
C6-60	1	29	3	24	.1	5	5	250	1.25	3	5	ND	1	41
C6-61	1	8	3	24	.1	4	3	237	1.26	3	5	ND	1	36
C6-62	1	69	6	80	.3	5	12	1336	4.09	2	5	ND	4	49
C6-63	1	58	13	104	.1	38	12	1725	4.59	23	5	ND	1	25
C6-64	1	7	9	68	.3	15	5	375	1.80	12	6	ND	9	13
C6-65	1	3	15	105	.2	9	5	418	1.95	2	5	ND	11	116
C6-66	1	66	5	70	.4	5	15	797	5.18	4	6	ND	4	79
C6-67	2	69	9	28	.4	2	10	67	6.40	95	5	2	5	10
C6-68	1	37	20	122	.2	44	16	311	4.66	92	5	ND	7	14
C6-69	3	3	4	6	.2	213	27	507	2.92	5	7	ND	1	26
C6-70	19	567	8	72	2.1	7	11	470	4.49	12	5	ND	4	98
C6-71	1	4	5	72	.1	22	14	715	4.59	3	5	ND	3	154
C6-72	4	2	2	15	.3	1455	60	556	4.69	6	9	ND	1	1
C6-73	1	15	11	66	.3	15	12	944	4.60	7	5	ND	3	102
CM-23	1	9	6	49	.2	17	9	370	2.92	2	5	ND	10	142
CM-24	1	5	8	59	.1	30	9	377	3.24	4	5	ND	5	59
CM-25	1	20	6	38	.3	5	5	246	3.40	6	5	ND	2	38
CM-26	1	4	2	42	.2	2	5	566	2.62	4	5	ND	7	34
CM-27	1	52	5	50	.3	4	9	495	2.87	3	5	ND	1	61
CM-28	1	27	3	43	.1	4	6	267	2.58	4	5	ND	2	17
CM-29	1	4	2	76	.3	3	5	557	2.72	2	7	ND	9	51
CM-30	1	7	8	104	.2	12	12	721	4.91	4	6	ND	1	103
CM-30A	1	29	2	80	.1	8	9	608	3.89	4	5	ND	1	54
CM-31	1	20	6	92	.3	12	11	555	5.01	5	5	ND	2	98
CM-31A	1	45	10	112	.2	42	15	619	4.83	3	5	ND	2	77
CM-32	1	7	3	66	.1	34	7	415	2.62	2	5	ND	4	60
CM-34	3	3	24	9	.2	3	1	33	.18	2	5	ND	1	4
STD C/FA-5X	20	55	36	128	6.9	63	28	981	3.95	38	19	8	33	47

SAMPLE#	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB	Pt** PPB
C6-22	1	2	2	137	.77	.074	4	28	1.47	74	.08	2	2.42	.11	.14	1	1	2
C6-52	1	5	2	2	.07	.006	2	61	18.38	1	.01	349	.04	.01	.01	1	1	2
C6-54	1	2	2	99	2.85	.090	2	53	3.43	541	.13	49	1.98	.14	1.02	6	21	3
C6-55	1	2	4	26	.75	.050	22	21	.68	201	.09	3	.83	.07	.27	1	1	2
C6-56	1	2	2	50	.20	.078	5	10	.78	136	.04	3	1.11	.04	.19	1	7	2
C6-57	1	2	2	74	4.69	.192	11	11	.59	32	.06	7	1.07	.06	.38	1	14	4
C6-58	1	2	2	90	2.77	.146	11	18	1.82	145	.13	2	1.89	.04	.68	1	5	4
C6-59	1	2	2	57	1.35	.115	7	15	.95	242	.01	6	1.43	.01	.25	2	24	4
C6-60	1	2	5	37	1.42	.034	4	8	.52	23	.05	2	.52	.03	.04	1	1	4
C6-61	1	2	3	20	.87	.029	2	4	.32	35	.03	2	.69	.06	.26	1	1	2
C6-62	1	2	2	68	2.16	.099	19	4	.92	270	.08	2	1.72	.08	.74	1	22	2
C6-63	1	5	2	35	.38	.090	11	9	.78	71	.01	5	1.67	.02	.14	1	224	2
C6-64	1	2	3	15	.19	.065	38	9	.06	23	.01	2	.55	.01	.08	1	1	2
C6-65	1	2	2	21	2.17	.064	48	15	.37	25	.01	2	.39	.04	.07	1	1	2
C6-66	1	2	2	86	.64	.128	16	7	.95	532	.11	2	2.33	.16	1.03	1	12	2
C6-67	1	6	2	22	.05	.026	23	5	.10	101	.01	4	.72	.01	.25	1	1841	2
C6-68	1	5	2	46	.20	.154	53	49	.35	27	.01	2	1.71	.01	.08	1	24	2
C6-69	1	5	2	8	.17	.002	3	377	9.96	5	.01	3	.07	.01	.01	1	5	7
C6-70	1	6	2	49	3.05	.094	6	8	1.17	67	.07	5	2.35	.26	.86	396	673	2
C6-71	1	2	2	144	3.89	.114	8	64	2.01	476	.20	2	2.83	.27	1.58	9	12	2
C6-72	1	6	2	6	.02	.004	2	366	14.53	1	.01	76	.05	.01	.01	1	3	7
C6-73	1	2	3	111	3.64	.086	5	17	1.14	351	.16	2	1.88	.21	.88	1	14	2
CM-23	1	2	2	76	1.38	.191	27	49	1.09	209	.25	2	1.66	.20	.42	2	1	2
CM-24	1	2	2	65	.81	.151	17	41	1.51	105	.26	5	1.46	.14	.47	1	1	2
CM-25	1	2	2	124	.44	.079	7	22	1.02	464	.28	2	1.54	.12	.71	2	5	2
CM-26	1	2	4	42	.51	.079	13	9	.66	74	.18	3	1.21	.09	.36	1	19	2
CM-27	1	2	2	67	1.63	.139	8	5	.71	44	.17	2	1.56	.18	.14	1	3	2
CM-28	1	2	2	75	.78	.105	8	7	.63	140	.16	5	1.01	.15	.35	1	1	2
CM-29	1	2	2	50	.62	.080	15	9	.79	53	.18	2	1.55	.15	.39	1	1	2
CM-30	1	2	2	90	1.25	.091	5	12	1.36	105	.23	2	2.67	.39	.93	1	1	2
CM-30A	1	2	2	101	.93	.087	6	13	.88	90	.23	4	1.36	.14	.41	1	3	2
CM-31	1	2	2	138	.90	.078	6	15	1.45	496	.22	2	2.52	.20	1.02	1	2	2
CM-31A	1	2	2	154	1.35	.104	6	69	2.19	309	.28	2	3.82	.51	2.10	1	6	2
CM-32	1	2	3	51	.68	.134	15	60	1.22	250	.27	2	1.46	.11	.54	1	1	2
CM-34	1	2	2	2	.04	.013	2	4	.04	43	.01	3	.17	.04	.11	1	1	2
STD C/FA-5X	16	15	20	60	.48	.096	37	58	.88	175	.08	35	1.72	.07	.13	13	98	100

SHANGRI-LA MINERALS PROJECT - CASTLE FILE # 86 [illegible]

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB	Pt** PPB
CM-35	1	[illegible]	2	32	.1	2	4	454	2.00	2	5	ND	1	70	1	2	3	14	1.18	.066	2	[illegible]	.69	45	.01	2	1.48	.13	.10	1	1	2
CM-36	3	2	2	15	.2	1340	55	489	3.31	23	5	ND	1	3	1	6	2	8	.20	.004	2	506	14.25	5	.01	124	.09	.01	.01	1	2	2
CM-36A	4	2	3	14	.2	879	50	361	4.08	76	5	ND	1	3	1	5	2	11	.06	.004	2	759	17.60	2	.01	248	.11	.01	.01	1	1	13
CM-37	4	1	2	19	.2	1454	65	642	3.50	36	5	ND	1	9	1	5	2	11	.19	.002	2	743	21.56	3	.01	122	.11	.01	.01	1	2	3
CM-38	5	1	5	16	.3	1402	62	606	3.53	102	5	ND	1	14	1	7	4	10	.21	.004	2	744	21.71	5	.01	220	.07	.01	.01	1	1	4
CM-39	1	28	4	117	.3	25	13	783	4.64	3	5	ND	2	29	1	2	2	129	.68	.090	2	23	1.72	659	.25	3	2.03	.07	1.24	1	4	2
CM-43	1	11	8	74	.1	35	14	654	4.08	7	5	ND	2	61	1	2	2	104	.81	.120	5	51	1.94	61	.17	6	1.85	.08	.12	1	1	2
CM-43A	1	29	8	88	.1	63	18	684	4.45	3	5	ND	5	106	1	2	2	99	2.09	.126	8	177	2.74	35	.18	2	2.48	.07	.10	1	1	2
CM-44	1	6	5	95	.2	6	14	658	6.42	3	5	ND	2	32	1	2	4	155	.55	.099	4	6	1.42	335	.29	2	2.52	.16	1.71	1	3	5
CM-44A	1	14	3	69	.1	46	13	427	3.50	2	5	ND	5	171	1	2	2	79	1.17	.126	7	127	1.81	470	.33	2	2.26	.27	1.15	1	1	2
CM-45	1	14	9	99	.1	17	13	442	4.63	2	5	ND	2	26	1	2	2	86	.53	.081	5	17	1.18	82	.08	2	1.92	.08	.21	1	18	2
CM-45A	1	15	9	102	.1	17	13	384	4.55	3	5	ND	3	20	1	2	2	75	.48	.081	3	17	1.11	75	.08	2	1.68	.05	.18	1	1	2
CM-46	1	4	2	42	.1	6	4	392	2.14	2	5	ND	1	29	1	2	3	28	.22	.059	3	3	.83	21	.02	3	1.08	.14	.03	1	1	2
CM-47	1	1	7	81	.1	3	6	733	2.47	2	8	ND	3	385	1	2	3	36	3.37	.054	2	4	1.13	36	.08	3	4.45	.41	.14	1	1	2
CM-48	4	1	2	16	.3	968	53	484	3.28	46	5	ND	1	21	1	5	2	11	.04	.002	2	506	18.13	2	.01	90	.12	.01	.01	1	19	5
CM-49	5	1	2	15	.2	1357	68	566	4.66	37	5	ND	1	7	1	5	2	15	.40	.002	2	1495	19.53	1	.01	203	.20	.01	.01	2	78	18
CM-50	2	12	2	12	.2	309	8	715	.66	7	5	ND	1	56	1	2	12	14	1.34	.001	2	5513	5.31	5	.01	29	.90	.01	.01	1	303	6
CM-51	2	16	2	19	.2	1260	51	546	3.94	16	5	ND	1	11	1	6	2	13	.38	.004	2	812	11.86	10	.01	114	.19	.01	.01	1	20	9
CM-52	4	3	2	16	.2	1296	60	536	4.07	19	5	ND	1	3	1	5	2	12	.18	.004	2	1353	15.52	1	.01	200	.15	.01	.01	3	28	4
CM-53	1	32	5	80	.1	64	19	730	5.00	5	5	ND	3	121	1	2	2	125	2.40	.141	8	116	2.54	725	.36	8	2.51	.22	1.68	1	2	2
CM-54	1	5	9	94	.1	20	10	1038	3.70	2	8	ND	6	119	1	2	2	95	7.24	.068	3	75	1.19	195	.15	3	2.16	.28	.57	1	1	2
CM-55	3	2	2	14	.2	1321	58	586	4.07	23	5	ND	1	6	1	7	2	5	.05	.015	3	186	15.15	8	.01	129	.08	.01	.01	2	1	7
CM-56	1	12	7	74	.1	32	14	536	4.43	6	9	ND	2	1935	1	2	2	107	1.68	.089	3	17	1.87	513	.16	2	2.59	.29	1.12	1	1	2
CM-56A	1	6	4	36	.1	25	4	241	1.64	4	5	ND	8	95	1	2	2	23	.89	.057	36	25	.84	33	.01	2	.96	.04	.08	1	1	45
CM-58	1	26	13	113	.2	23	8	672	4.15	16	5	ND	2	51	1	3	2	55	1.76	.048	6	25	2.05	116	.06	3	2.06	.01	.50	1	3	2
CM-58A	1	1	8	88	.1	61	19	842	6.61	29	5	ND	2	60	1	3	2	143	2.18	.069	9	18	4.10	143	.05	2	3.89	.02	.61	1	2	2
CM-59	1	7	4	35	.1	12	5	196	1.76	2	5	ND	7	48	1	2	2	27	.72	.057	22	26	.72	143	.10	3	.83	.05	.18	1	1	2
CM-60	1	10	10	83	.2	13	13	646	4.43	4	5	ND	5	230	1	2	2	92	2.44	.208	23	27	2.34	1189	.11	2	2.34	.11	.87	1	1	2
CM-61	3	2	2	7	.1	1251	48	510	3.96	43	5	ND	1	7	1	9	2	7	.16	.004	2	340	15.03	5	.01	54	.07	.01	.01	1	1	7
CM-62	3	2	4	14	.1	1295	55	479	4.48	12	5	ND	1	3	1	5	2	8	.07	.004	2	271	11.54	11	.01	33	.07	.01	.01	1	1	10
CM-63	1	1	2	26	.1	19	4	421	1.55	3	5	ND	2	43	1	2	2	6	2.69	.061	2	5	.72	51	.03	2	.98	.04	.12	1	1	52
CM-64	1	2	2	36	.1	19	4	430	1.53	3	5	ND	1	46	1	2	3	13	.47	.066	2	3	.80	48	.04	2	1.28	.07	.07	1	1	2
CM-65	1	8	18	33	.1	4	1	291	.55	4	5	ND	2	10	1	2	2	1	.08	.021	6	2	.12	95	.01	3	.33	.04	.21	1	1	2
CM-67	1	103	4	65	.1	16	24	473	4.05	2	5	ND	1	52	1	2	2	95	1.00	.072	2	20	2.14	69	.33	2	2.12	.05	.18	1	3	5
CM-69	1	129	12	139	.1	22	28	985	6.14	2	5	ND	2	96	1	2	2	131	1.68	.150	9	44	3.42	331	.23	2	2.98	.05	1.11	1	2	10
CM-70	1	31	23	132	.2	16	16	557	4.18	6	5	ND	2	117	1	2	2	137	2.07	.098	5	31	1.23	56	.16	3	2.78	.38	.28	1	5	2
STD C/FA-5X	21	55	38	130	6.8	64	28	999	3.94	39	17	7	33	48	17	15	22	62	.48	.101	37	58	.88	180	.08	35	1.72	.07	.13	12	97	100

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB	Pt** PPB
CM-72	1	27	7	62	.2	57	20	613	3.80	7	6	ND	7	113	1	4	2	93	2.40	.193	19	220	2.57	46	.18	2	1.96	.10	.08	1	1	2
CM-73	4	13	6	34	.7	2277	89	1091	5.02	75	9	ND	3	4	1	16	14	11	.06	.007	2	480	25.51	9	.01	35	.06	.01	.01	3	2	6
CM-74	1	21	17	98	.1	21	16	830	5.20	8	5	ND	4	125	1	3	2	136	1.40	.234	13	15	1.98	45	.19	2	2.28	.10	.10	1	2	2
CM-75	4	5	4	16	.5	1721	76	848	3.67	34	10	ND	1	4	1	14	6	6	.15	.003	2	196	21.65	2	.01	84	.05	.01	.01	1	2	2
CM-76	4	4	8	17	.6	2102	81	892	4.06	195	10	ND	2	12	1	15	10	6	.13	.003	2	64	24.12	4	.01	39	.05	.01	.01	2	15	2
CM-77	1	13	11	104	.1	40	13	977	3.36	3	6	ND	5	93	1	2	2	104	2.81	.082	3	25	1.28	93	.19	2	2.03	.30	.35	1	2	2
CM-78	3	1	3	16	.6	1889	69	648	3.14	47	6	ND	1	3	1	13	3	5	.05	.003	2	392	23.61	3	.01	40	.05	.01	.01	2	3	5
CM-79	1	10	12	18	.4	1306	58	468	3.84	65	5	ND	2	28	1	18	2	19	.70	.005	2	1211	15.85	3	.01	105	.18	.01	.01	2	5	24
CM-80	3	11	2	24	.6	1617	72	549	3.74	55	7	ND	2	3	1	17	3	8	.09	.001	2	653	22.22	1	.01	90	.07	.01	.01	1	9	7
CM-81	1	80	2	44	.7	14	8	463	1.75	2	6	ND	1	83	1	2	2	20	.69	.070	2	13	.97	17	.06	2	.99	.07	.04	2	9	2
CM-82	2	3	2	16	.5	1527	55	402	3.96	23	5	ND	3	4	1	16	2	13	.10	.003	2	970	15.20	3	.01	120	.22	.01	.01	1	7	8
CM-83	5	1	2	20	.4	1411	65	504	4.09	114	5	ND	1	3	1	13	15	13	.02	.003	2	1345	20.83	3	.01	161	.09	.01	.01	2	3	7
CM-84	2	9	10	18	.1	9	3	538	.55	2	5	ND	6	120	1	2	2	3	1.66	.038	12	7	.12	208	.01	2	.31	.03	.25	1	2	2
CM-85	1	6	6	28	.1	9	5	441	1.73	4	5	ND	4	161	1	2	2	15	2.34	.066	3	10	.74	95	.05	2	1.69	.20	.47	2	1	2
CM-86	2	35	3	79	.5	55	19	862	4.63	5	18	ND	7	149	1	4	5	145	3.17	.162	11	53	2.10	797	.05	5	1.38	.05	.11	1	5	2
CM-87	1	76	5	79	.1	22	19	754	4.59	4	6	ND	2	89	1	3	2	108	1.42	.170	11	80	1.97	321	.40	2	2.14	.16	1.34	1	1	2
CM-88	2	7	14	70	.1	8	10	786	2.82	2	5	ND	1	50	1	2	2	64	.54	.081	2	10	1.45	205	.15	2	1.52	.06	.67	1	20	2
CM-89	4	11	2	23	.5	1831	71	860	4.21	54	8	ND	1	4	1	16	3	10	.08	.007	2	386	18.19	9	.01	208	.10	.01	.02	1	11	13
CM-90	1	5	2	41	.1	45	8	490	2.01	3	5	ND	1	52	1	2	2	27	.60	.075	3	12	1.10	95	.09	6	1.25	.07	.43	2	1	2
CM-90A	1	7	2	36	.1	18	7	376	1.63	2	5	ND	1	61	1	2	2	25	.51	.076	2	9	.94	133	.11	2	1.20	.08	.44	1	1	2
CM-91	1	46	17	75	.1	42	21	508	4.01	2	5	ND	4	115	1	2	2	114	1.62	.158	8	127	1.92	252	.40	2	2.10	.20	.51	2	1	2
CM-92	1	6	4	31	.1	13	12	596	2.66	2	5	ND	1	58	1	2	2	52	.57	.070	2	9	1.64	283	.17	2	1.72	.07	.57	2	3	2
CM-92A	1	30	9	81	.1	34	13	791	3.96	3	5	ND	3	71	1	2	2	106	.89	.106	7	39	1.22	71	.18	2	1.83	.09	.18	2	3	2
CM-93	1	8	3	37	.2	7	11	481	1.89	4	7	ND	4	61	1	2	2	30	.60	.061	2	11	1.29	81	.12	2	1.44	.05	.18	2	1	2
CM-94	2	6	4	26	.1	3	4	357	1.31	2	5	ND	2	54	1	2	2	14	1.10	.061	2	6	.59	37	.06	2	.93	.07	.10	2	1	2
CM-95	1	55	17	153	.1	13	18	801	6.24	2	12	ND	1	71	1	3	2	146	1.02	.100	3	10	1.81	75	.20	2	3.12	.31	.74	2	1	2
CM-95A	2	43	9	107	.3	9	14	905	4.91	3	8	ND	4	82	1	2	2	120	2.05	.087	3	17	1.49	99	.16	2	2.32	.23	.28	1	2	2
CM-96	1	11	2	101	.1	13	12	914	4.45	7	5	ND	3	109	1	3	2	119	2.49	.101	3	12	1.25	215	.21	2	1.70	.13	.41	1	6	2
CM-97	2	13	6	32	.1	2	3	409	1.50	2	5	ND	1	33	1	2	2	21	.43	.068	2	4	.57	130	.10	3	.64	.11	.30	2	1	2
STD C/FA-5X	22	64	41	133	7.1	74	32	1104	3.98	43	17	8	37	52	19	15	19	70	.48	.106	39	64	.88	199	.09	42	1.72	.07	.15	14	104	103

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: PULP AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: FEB 1987 DATE REPORT MAILED: Mar 13/87 ASSAYER. [signature] ..DEAN TOYE. CERTIFIED B.C. ASSAYER.

SHANGRI-LA MINERALS PROJECT - CASTLE FILE # 87-0111 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM
LON 1100W	1	17	8	42	.1	12	8	307	2.78	2	5	ND	2	29	1	2	2	76
LON 1075W	1	17	10	47	.1	12	7	340	2.95	2	5	ND	3	34	1	2	2	78
LON 1050W	1	13	9	49	.1	12	7	305	2.80	2	5	ND	3	31	1	2	2	73
LON 1025W	1	15	8	37	.1	12	6	262	2.69	2	5	ND	3	26	1	2	2	76
LON 1000W	1	17	10	48	.1	12	6	277	2.79	2	5	ND	4	31	1	2	2	74
LON 975W	1	28	10	54	.1	15	9	382	3.01	2	5	ND	4	48	1	2	2	80
LON 950W	1	20	8	84	.1	20	7	287	2.60	2	5	ND	3	35	1	2	2	54
LON 925W	1	9	6	84	.1	9	4	558	1.79	2	5	ND	1	47	1	2	2	32
LON 900W	1	9	7	122	.1	11	6	642	1.76	2	5	ND	1	34	1	2	4	33
LON 875W	1	13	4	65	.1	14	4	203	2.37	3	5	ND	2	25	1	2	2	55
LON 850W	1	9	15	83	.2	14	5	392	2.01	2	5	ND	2	22	1	2	2	39
LON 825W	1	9	4	110	.1	12	5	685	2.06	2	5	ND	3	24	1	2	4	42
LON 800W	1	13	7	97	.2	14	6	571	2.33	4	5	ND	2	24	1	2	2	46
LON 775W	1	9	8	131	.1	8	4	806	1.82	2	5	ND	2	29	1	2	2	33
LON 750W	1	13	9	182	.2	11	6	608	2.05	2	5	ND	2	39	1	2	2	37
LON 725W	1	9	14	126	.2	10	6	427	1.96	2	5	ND	2	26	1	2	2	40
LON 700W	1	9	15	84	.1	11	4	295	1.91	2	5	ND	2	27	1	2	2	42
LON 675W	1	13	14	95	.3	13	4	338	1.65	2	5	ND	2	24	1	2	4	31
LON 650W	1	7	2	27	.1	7	5	169	2.30	2	5	ND	2	23	1	2	2	45
LON 625W	1	11	14	122	.2	12	5	766	1.89	2	5	ND	2	23	1	2	2	30
LON 600W	1	13	11	123	.1	12	5	692	1.95	5	5	ND	1	25	1	2	4	31
LON 575W	1	13	6	129	.2	15	6	440	1.95	2	5	ND	2	36	1	2	2	30
LON 550W	1	11	9	143	.4	12	7	469	1.92	2	5	ND	2	29	1	2	4	31
LON 525W	1	16	2	201	.1	17	5	592	2.00	2	5	ND	1	29	1	2	2	36
LON 500W	1	9	6	88	.1	9	4	270	1.99	2	5	ND	1	24	1	2	2	46
LON 475W	1	20	14	85	.2	14	4	276	2.16	2	5	ND	3	24	1	2	2	47
LON 450W	1	20	4	81	.4	17	6	278	2.16	3	5	ND	3	24	1	2	2	47
LON 425W	1	27	17	75	.2	22	8	338	2.64	2	5	ND	3	31	1	2	2	54
LON 400W	1	44	19	131	.1	36	7	696	2.23	5	5	ND	3	35	1	2	2	42
LON 375W	1	9	8	81	.1	13	5	405	2.15	3	5	ND	3	22	1	2	2	46
LON 350W	1	21	9	87	.1	16	6	528	2.39	2	5	ND	3	28	1	2	2	47
LON 325W	1	17	6	108	.2	13	6	519	2.29	3	5	ND	2	26	1	2	2	43
LON 300W	1	20	17	93	.1	13	6	673	2.27	4	5	ND	4	39	1	2	2	48
LON 275W	1	13	10	63	.1	16	7	391	2.42	2	5	ND	4	27	1	2	2	57
LON 250W	1	16	12	92	.1	15	8	711	2.38	6	5	ND	3	27	1	3	2	51
LON 225W	1	13	11	71	.1	13	6	418	2.48	6	5	ND	3	27	1	2	6	54
STD C/AU-S	19	57	37	129	6.9	65	27	945	3.92	37	15	7	32	46	15	15	20	61

SAMPLE#	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Pt** PPB
LON 1100W	.49	.102	14	34	.39	61	.13	11	1.07	.03	.14	2	1	2
LON 1075W	.56	.100	16	36	.47	73	.14	2	1.19	.03	.17	1	1	2
LON 1050W	.51	.106	14	34	.42	76	.14	7	1.28	.03	.14	1	3	2
LON 1025W	.51	.083	15	35	.36	50	.12	7	.93	.03	.13	1	4	2
LON 1000W	.47	.084	17	33	.46	71	.15	11	1.28	.03	.16	1	5	2
LON 975W	.64	.101	16	41	.62	101	.16	10	1.38	.04	.24	1	1	2
LON 950W	.37	.149	14	28	.34	186	.12	3	2.03	.03	.11	1	2	2
LON 925W	.34	.311	6	18	.17	287	.10	11	1.64	.03	.08	1	1	2
LON 900W	.30	.263	6	16	.18	261	.10	7	1.53	.03	.07	1	1	2
LON 875W	.33	.105	9	25	.28	113	.11	6	1.53	.03	.11	1	3	2
LON 850W	.20	.269	7	21	.21	211	.10	2	1.56	.02	.07	2	2	2
LON 825W	.21	.266	7	22	.20	270	.10	6	1.63	.03	.10	1	1	2
LON 800W	.30	.182	9	22	.30	162	.12	10	1.97	.02	.08	1	1	2
LON 775W	.32	.284	7	17	.19	379	.11	2	1.55	.03	.08	2	1	2
LON 750W	.41	.294	7	21	.26	253	.12	2	1.84	.03	.09	1	1	2
LON 725W	.32	.298	8	22	.26	345	.11	7	1.33	.02	.08	1	2	2
LON 700W	.29	.140	7	21	.24	111	.11	9	1.20	.02	.07	1	1	2
LON 675W	.25	.237	6	14	.19	142	.11	3	1.54	.03	.06	1	1	2
LON 650W	.50	.098	14	29	.26	37	.10	6	.70	.02	.10	2	4	2
LON 625W	.27	.242	6	17	.21	256	.11	2	1.80	.03	.06	1	1	2
LON 600W	.23	.290	7	18	.21	260	.11	2	1.85	.03	.07	1	2	2
LON 575W	.26	.361	6	15	.21	346	.12	5	1.87	.03	.07	1	1	2
LON 550W	.29	.383	7	15	.20	250	.11	9	2.07	.03	.07	1	1	3
LON 525W	.24	.262	8	20	.23	175	.12	4	2.06	.03	.08	1	1	2
LON 500W	.35	.135	9	23	.22	88	.07	13	1.07	.02	.06	1	12	2
LON 475W	.36	.095	11	22	.29	85	.11	2	1.61	.03	.06	1	15	2
LON 450W	.34	.095	11	26	.30	87	.11	4	1.60	.02	.06	1	1	2
LON 425W	.37	.151	13	25	.33	72	.15	7	2.88	.03	.08	1	4	3
LON 400W	.65	.150	11	20	.26	66	.13	2	2.34	.03	.06	1	1	3
LON 375W	.30	.204	9	27	.25	106	.10	2	1.34	.02	.06	1	1	3
LON 350W	.40	.074	18	25	.33	102	.15	18	2.28	.04	.08	1	1	2
LON 325W	.33	.149	11	22	.25	108	.13	6	2.36	.03	.08	1	1	2
LON 300W	.42	.180	13	25	.31	201	.12	2	1.99	.02	.09	1	2	2
LON 275W	.31	.071	11	29	.32	97	.12	2	1.67	.02	.05	1	1	2
LON 250W	.33	.206	11	29	.34	176	.12	5	1.76	.02	.07	1	1	4
LON 225W	.43	.119	10	31	.34	132	.13	3	1.95	.02	.06	1	1	2
STD C/AU-S	.48	.092	35	58	.88	180	.09	36	1.71	.07	.15	12	49	101

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Pt** PPB
LON 200W	1	13	9	80	.1	14	6	384	2.70	6	5	ND	3	17	1	2	2	61	.22	.125	12	34	.36	99	.14	8	1.95	.02	.08	2	1	2
LON 175W	1	16	15	121	.1	14	7	706	2.61	3	5	ND	3	27	1	2	2	56	.31	.180	13	38	.36	208	.13	4	1.60	.02	.10	1	2	2
LON 150W	1	17	9	96	.1	14	6	625	2.51	2	5	ND	3	25	1	3	2	52	.25	.164	12	24	.32	208	.14	4	2.26	.03	.07	2	1	2
LON 125W	1	13	16	99	.1	12	6	407	2.55	7	5	ND	3	27	1	2	2	55	.38	.238	8	26	.34	159	.14	6	2.08	.03	.09	1	1	2
LON 100W	1	16	16	73	.3	12	5	473	2.09	9	5	ND	2	21	1	2	2	47	.21	.227	7	25	.27	228	.11	2	1.27	.02	.07	1	1	2
LON 75W	1	17	17	128	.1	10	6	903	2.29	5	5	ND	2	32	1	2	2	43	.31	.269	8	19	.28	162	.15	2	2.60	.03	.08	1	1	2
LON 50W	1	17	11	100	.1	14	6	863	2.36	8	5	ND	2	29	1	2	2	49	.21	.218	8	22	.31	219	.14	2	2.08	.03	.08	2	1	2
LON 25W	1	20	18	100	.2	9	5	662	2.15	6	5	ND	2	32	1	2	3	42	.30	.276	9	18	.26	194	.14	3	2.54	.03	.09	2	3	2
LON 0W	1	18	18	96	.1	9	5	490	1.65	4	5	ND	1	34	1	3	4	28	.32	.194	10	9	.20	118	.15	2	3.09	.04	.07	1	1	2
L100S 25E	1	17	13	91	.3	17	7	675	2.75	4	5	ND	3	21	1	2	2	59	.21	.133	11	25	.35	101	.16	3	2.73	.03	.08	1	1	2
L100S 50E	1	24	20	104	.1	17	9	775	3.32	7	5	ND	3	31	1	2	2	67	.42	.129	13	28	.46	83	.17	2	3.00	.03	.09	1	1	2
L100S 75E	1	24	18	70	.1	14	6	507	2.71	5	5	ND	4	26	1	2	2	56	.27	.114	12	21	.36	117	.18	9	3.16	.03	.09	2	1	2
L100S 100E	1	20	10	76	.1	14	7	1036	2.88	4	5	ND	2	33	1	2	2	66	.36	.103	12	29	.41	115	.14	2	2.31	.02	.11	2	2	2
L100S 125E	1	24	6	91	.3	19	10	942	3.21	2	5	ND	4	35	1	3	2	73	.36	.115	14	30	.48	122	.16	6	2.46	.02	.16	1	1	2
L100S 150E	1	23	10	118	.1	10	10	1028	3.37	5	5	ND	2	50	1	2	2	75	.51	.118	10	28	.58	154	.14	2	2.43	.02	.16	1	1	2
L100S 175E	1	24	11	107	.1	14	10	936	3.15	5	5	ND	3	39	1	3	2	69	.45	.117	12	27	.52	156	.15	4	2.52	.02	.13	1	12	2
L100S 200E	1	16	14	100	.1	9	8	1127	2.60	5	5	ND	2	53	1	2	2	55	.55	.143	9	23	.45	181	.12	7	2.16	.02	.12	1	2	2
L100S 225E	1	24	14	97	.1	17	11	1196	3.14	4	5	ND	3	46	1	2	2	69	.39	.105	11	25	.52	166	.15	2	2.53	.02	.13	1	1	2
L100S 250E	1	27	18	175	.1	15	12	1571	3.46	14	7	ND	2	62	1	2	2	67	.57	.343	11	28	.58	262	.14	11	2.64	.02	.18	1	1	2
L100S 275E	1	16	9	103	.1	12	7	835	2.85	8	5	ND	2	39	1	2	2	64	.37	.135	8	23	.48	163	.13	2	1.97	.02	.15	1	8	2
L100S 300E	1	16	11	156	.1	11	9	961	2.95	2	5	ND	2	54	1	2	2	62	.51	.256	9	22	.48	257	.12	4	1.99	.02	.19	1	3	2
L200S 1100W	1	16	12	122	.2	13	5	595	2.01	11	5	ND	2	44	1	2	2	36	.34	.229	7	15	.27	233	.14	2	2.35	.03	.13	1	39	2
L200S 1075W	1	13	16	114	.2	18	7	881	2.56	8	5	ND	2	31	1	2	2	52	.27	.241	8	23	.33	216	.15	3	2.56	.03	.08	1	7	2
L200S 1050W	1	20	11	82	.1	24	7	523	2.46	3	5	ND	3	29	1	2	2	54	.28	.136	10	26	.36	178	.14	3	2.34	.03	.10	1	2	2
L200S 1025W	1	39	26	119	.1	13	12	572	3.27	9	5	ND	3	37	1	2	2	72	.39	.226	9	22	.52	208	.21	7	3.17	.03	.19	1	1	2
L200S 1000W	1	17	11	72	.1	16	7	680	2.40	11	5	ND	3	24	1	2	2	51	.30	.152	9	22	.32	163	.15	2	2.67	.03	.10	1	1	2
L200S 975W	1	16	2	97	.1	16	8	860	2.46	8	5	ND	3	35	1	2	2	52	.41	.184	10	25	.35	234	.13	7	2.28	.03	.13	3	3	2
L200S 950W	1	16	8	82	.2	19	6	665	2.28	4	5	ND	3	31	1	2	2	49	.38	.131	10	22	.33	141	.13	6	2.29	.03	.11	1	1	2
L200S 925W	1	17	12	286	.1	17	15	1747	3.40	18	5	ND	1	49	1	2	2	68	.51	.168	6	22	.65	403	.19	2	2.26	.04	.15	1	8	2
L200S 900W	1	17	7	114	.1	18	8	837	2.72	7	5	ND	2	32	1	2	2	59	.44	.175	8	25	.41	167	.16	8	2.41	.03	.09	1	2	2
L200S 875W	1	13	13	110	.1	11	8	863	2.38	5	5	ND	2	31	1	2	2	53	.32	.133	6	21	.42	217	.15	5	2.10	.03	.14	1	1	4
L200S 850W	1	17	21	67	.2	14	6	655	2.23	2	5	ND	3	36	1	2	2	47	.36	.167	10	22	.30	186	.14	2	2.37	.03	.12	1	3	2
L200S 825W	1	17	19	82	.1	14	8	781	2.59	9	5	ND	3	33	1	2	2	59	.43	.131	9	27	.38	225	.14	7	2.19	.03	.09	1	27	2
L200S 800W	1	20	8	55	.1	14	6	351	2.41	4	5	ND	4	22	1	2	2	56	.34	.109	10	24	.32	135	.13	7	1.97	.03	.08	1	116	2
L200S 775W	1	16	18	78	.3	13	7	697	2.34	5	5	ND	2	33	1	3	2	52	.40	.180	9	26	.31	232	.12	5	1.98	.03	.10	1	2	2
L200S 750W	1	13	12	69	.2	13	7	592	2.28	7	5	ND	2	37	1	2	2	50	.41	.158	9	23	.33	196	.13	5	2.18	.03	.11	1	1	2
STD C/AU-S	18	57	36	128	6.8	65	28	942	3.92	37	21	7	32	47	16	17	18	61	.48	.099	34	57	.88	179	.09	40	1.70	.07	.16	13	47	99

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Pt** PPB
L200S 725W	1	17	43	192	.1	10	7	1586	2.21	5	5	ND	2	46	1	2	2	49	.45	.127	8	23	.35	364	.13	2	1.47	.02	.10	1	5	3
L200S 700W	1	21	13	73	.2	17	8	472	2.72	4	5	ND	4	23	1	2	3	67	.27	.208	12	29	.36	135	.13	2	2.10	.02	.09	2	1	2
L200S 675W	1	13	7	79	.1	12	6	583	2.26	5	5	ND	3	29	1	2	2	53	.27	.187	10	23	.30	148	.11	2	1.74	.02	.08	1	1	2
L200S 650W	1	17	10	93	.1	15	6	573	2.34	8	5	ND	4	32	1	2	2	53	.30	.220	10	23	.33	211	.12	2	1.91	.03	.10	1	22	2
L200S 625W	1	17	5	73	.1	15	6	499	2.27	5	6	ND	3	32	1	2	3	52	.31	.168	9	23	.33	178	.12	2	1.83	.03	.09	1	36	2
L200S 600W	1	17	11	86	.2	10	7	664	2.29	38	5	ND	3	28	1	2	2	51	.27	.244	9	22	.29	199	.11	7	1.81	.02	.09	2	89	2
L200S 575W	1	24	10	83	.1	21	7	473	2.41	17	5	ND	3	34	1	2	2	53	.33	.197	12	21	.32	122	.13	3	2.37	.03	.11	2	4	2
L200S 550W	1	17	4	77	.1	12	5	498	2.23	9	5	ND	3	31	1	2	3	46	.29	.238	9	21	.25	222	.12	2	2.20	.03	.08	1	69	2
L200S 525W	1	17	15	64	.9	12	6	436	1.95	6	26	ND	7	27	1	2	8	45	.25	.152	10	19	.23	162	.10	2	1.65	.02	.09	2	1	2
L200S 500W	1	15	8	75	.1	23	4	411	2.37	4	5	ND	3	27	1	3	3	53	.29	.132	8	27	.30	174	.13	2	1.92	.03	.08	2	3	3
L200S 475W	1	17	9	58	.1	16	6	409	2.48	6	5	ND	4	27	1	2	2	60	.31	.099	12	27	.33	134	.13	2	1.82	.03	.09	1	9	2
L200S 450W	1	21	6	76	.1	16	9	632	2.83	9	5	ND	3	23	1	2	2	66	.28	.161	12	30	.37	159	.15	2	2.41	.02	.09	1	11	2
L200S 425W	1	24	3	95	.1	9	11	1030	2.59	4	5	ND	1	38	1	2	2	53	.33	.168	7	15	.28	166	.10	2	1.55	.02	.08	1	16	2
L200S 400W	1	17	9	86	.1	13	5	558	2.16	6	5	ND	3	28	1	2	2	48	.29	.142	8	21	.28	197	.12	2	1.73	.03	.09	1	5	2
L200S 375W	1	28	4	69	.1	16	8	451	2.58	3	5	ND	4	31	1	2	5	53	.35	.074	17	24	.35	91	.16	2	2.54	.04	.07	2	7	2
L200S 350W	1	19	5	116	.2	18	7	677	2.57	3	5	ND	2	33	1	2	2	55	.32	.147	10	29	.36	159	.13	2	1.91	.02	.09	1	16	2
L200S 325W	1	17	13	89	.2	17	6	619	2.62	3	5	ND	4	26	1	2	2	58	.29	.227	11	29	.33	187	.12	2	1.89	.02	.08	1	1	2
L200S 300W	1	19	15	77	.1	17	6	698	2.52	4	5	ND	3	51	1	2	2	58	.42	.136	12	28	.37	182	.12	2	1.75	.02	.10	1	1	2
L200S 275W	1	17	11	153	.3	24	7	975	2.69	7	8	ND	3	77	1	2	2	46	.59	.361	8	22	.42	399	.13	2	2.22	.02	.16	1	3	2
L200S 250W	1	10	8	69	.1	15	4	417	2.06	10	5	ND	2	21	1	2	2	47	.25	.102	9	20	.25	93	.12	2	1.42	.02	.07	1	1	2
L200S 225W	1	14	9	79	.1	12	5	475	2.21	6	5	ND	3	24	1	2	3	48	.26	.142	10	21	.31	187	.13	2	1.90	.03	.11	2	1	2
L200S 200W	1	14	14	78	.1	15	6	359	2.40	5	5	ND	3	20	1	2	2	50	.22	.085	9	24	.35	160	.14	4	2.15	.02	.11	1	15	2
L200S 175W	1	14	6	110	.1	19	7	637	2.41	5	5	ND	3	31	1	3	2	54	.32	.078	9	28	.36	152	.14	2	1.74	.02	.11	1	2	2
L200S 150W	1	14	5	116	.1	27	7	206	2.08	8	5	ND	3	24	1	2	5	40	.21	.198	8	23	.33	225	.13	8	1.93	.03	.08	1	1	2
L200S 125W	1	14	6	79	.1	147	8	232	2.12	3	5	ND	3	30	1	2	3	38	.20	.127	9	31	.37	156	.14	2	2.43	.03	.06	1	4	2
L200S 100W	1	8	7	49	.1	142	13	518	1.50	5	5	ND	1	28	1	2	6	25	.20	.043	4	76	.67	178	.07	2	.66	.02	.06	3	3	2
L200S 75W	1	12	24	101	.1	918	71	1171	5.48	27	5	ND	2	27	1	2	2	34	.30	.122	6	447	5.70	177	.06	4	1.08	.02	.07	1	1	4
L200S 50W	1	10	16	53	.1	234	12	429	2.31	7	5	ND	2	20	1	2	2	44	.21	.043	7	131	.61	158	.12	2	1.34	.02	.06	1	6	2
L200S 25W	1	16	16	80	.2	504	43	1630	2.83	28	5	ND	1	44	1	2	2	28	.41	.063	5	352	1.96	372	.07	9	1.03	.03	.05	1	4	3
L200S 0W	1	15	48	92	.2	446	34	1136	3.01	37	5	ND	1	32	1	3	2	44	.34	.093	11	188	1.35	242	.11	3	1.62	.02	.10	1	6	2
L200S 50E	1	13	12	65	.3	465	38	665	4.11	22	5	ND	3	24	1	3	5	56	.24	.075	11	201	2.44	108	.11	4	1.50	.02	.13	1	32	2
L200S 75E	1	17	13	71	.1	534	42	817	3.98	44	5	ND	3	34	1	2	2	51	.36	.092	11	171	2.19	153	.11	2	1.62	.02	.11	1	18	2
L200S 100E	1	20	14	136	.1	253	22	869	2.85	15	5	ND	3	71	1	2	2	46	.48	.133	8	69	1.04	276	.11	2	1.68	.02	.13	1	61	2
L200S 125E	1	19	8	81	.2	154	14	474	3.02	12	5	ND	3	36	1	2	2	63	.34	.095	11	62	.83	152	.13	2	1.80	.02	.11	1	67	2
L200S 150E	1	28	4	100	.2	281	21	821	3.72	20	5	ND	2	45	1	2	2	71	.43	.065	12	103	1.16	166	.13	2	2.18	.02	.13	1	8	2
L200S 175E	1	24	9	108	.1	340	28	1201	4.07	29	5	ND	2	46	1	3	2	72	.50	.096	11	121	1.35	149	.12	2	2.14	.02	.13	1	12	2
STD C/AU-S	19	55	35	130	6.8	66	27	951	4.03	42	17	7	32	47	16	14	22	63	.48	.101	35	56	.87	181	.09	35	1.70	.07	.15	15	49	100

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Pt** PPB
L200S 200E	1	20	19	93	.1	349	28	909	4.17	27	5	ND	3	37	1	2	2	72	.37	.079	13	112	1.66	160	.14	4	2.26	.02	.21	1	48	3
L200S 225E	1	23	35	113	.4	275	27	1003	3.78	35	5	ND	2	50	2	2	2	61	.45	.137	10	108	1.45	183	.11	5	2.05	.02	.19	1	81	3
L200S 250E	1	23	22	119	.1	258	24	838	3.59	29	5	ND	3	47	1	2	2	59	.47	.116	11	94	1.38	161	.12	2	2.04	.02	.24	1	79	2
L200S 275E	1	20	10	139	.1	169	17	665	2.80	20	5	ND	2	48	1	2	2	48	.39	.070	8	56	.81	168	.11	4	1.76	.02	.17	1	15	2
L200S 300E	1	23	26	117	.2	281	18	700	3.32	28	5	ND	3	59	1	2	2	59	.48	.079	9	66	1.25	150	.12	2	1.89	.02	.15	1	18	2
L200S 325E	1	20	18	96	.2	372	25	649	3.55	30	5	ND	2	44	1	2	2	56	.36	.058	9	110	2.22	134	.11	8	1.74	.02	.15	1	47	4
L200S 350E	1	16	12	132	.1	314	23	770	3.06	23	5	ND	2	38	1	2	2	52	.34	.130	8	74	1.13	176	.12	10	1.79	.02	.11	1	24	2
L200S 375E	1	13	15	94	.1	318	19	390	2.85	18	5	ND	2	34	1	2	2	48	.27	.110	7	71	1.13	158	.12	17	1.85	.02	.09	1	46	2
L200S 400E	1	5	2	48	.2	97	7	259	1.32	5	5	ND	2	16	1	2	3	25	.14	.043	3	33	.34	85	.06	2	.81	.02	.04	1	23	2
L300S 1100W	1	27	15	150	.2	20	11	960	3.16	21	5	ND	3	50	1	2	2	61	.39	.139	8	22	.50	174	.14	2	2.79	.02	.21	1	5	2
L300S 1075W	1	20	15	114	.1	11	7	669	2.04	18	5	ND	2	46	1	2	3	41	.33	.166	7	16	.31	193	.11	4	1.91	.03	.13	1	1	2
L300S 1050W	1	22	14	124	.2	14	7	703	2.35	17	5	ND	2	56	1	2	2	47	.40	.202	10	21	.35	175	.12	5	2.05	.03	.15	2	6	2
L300S 1025W	1	23	10	110	.2	19	8	532	2.52	8	5	ND	3	53	1	2	2	52	.37	.139	10	21	.37	142	.13	3	2.18	.03	.16	1	4	2
L300S 1000W	1	23	10	99	.2	17	9	546	2.48	9	5	ND	3	48	1	2	3	52	.34	.154	10	21	.37	142	.13	3	2.26	.03	.13	1	2	2
L300S 975W	1	27	17	183	.3	17	11	907	2.95	14	7	ND	4	72	1	2	2	58	.46	.181	8	20	.48	174	.12	6	2.40	.02	.18	1	1	2
L300S 950W	1	18	18	114	.1	17	7	1141	2.48	9	5	ND	1	56	1	2	3	51	.42	.276	7	24	.35	207	.12	2	1.81	.02	.12	1	4	2
L300S 925W	1	24	13	94	.1	18	10	640	2.99	8	5	ND	3	52	2	2	2	68	.43	.151	10	32	.46	160	.14	2	2.25	.02	.16	1	3	2
L300S 900W	1	23	10	108	.1	15	8	672	2.83	14	5	ND	2	32	1	2	2	61	.30	.289	9	31	.39	170	.12	4	1.93	.02	.09	2	4	2
L300S 875W	1	27	7	69	.1	16	8	487	2.66	8	5	ND	3	45	1	2	2	60	.41	.114	13	29	.41	116	.14	2	2.11	.03	.15	1	9	2
L300S 850W	1	23	15	97	.2	15	9	1119	2.76	9	5	ND	2	51	1	2	2	60	.48	.148	9	23	.42	138	.13	2	2.26	.02	.16	1	2	2
L300S 825W	1	24	4	71	.1	18	10	466	2.74	7	5	ND	3	42	1	2	2	63	.42	.089	11	28	.45	101	.15	6	2.17	.03	.13	1	1	2
L300S 800W	1	20	6	76	.1	21	10	513	2.80	10	5	ND	3	29	1	2	2	64	.29	.114	10	30	.45	143	.14	6	2.08	.02	.16	1	1	2
L300S 775W	1	17	15	95	.1	18	9	1250	2.57	10	5	ND	2	32	1	2	2	55	.31	.159	7	29	.40	196	.13	7	1.89	.02	.17	1	2	2
L300S 750W	1	17	8	69	.1	14	8	563	2.48	8	5	ND	3	27	1	2	2	57	.27	.110	9	23	.39	188	.13	2	1.83	.02	.14	1	2	2
L300S 725W	1	17	20	77	.1	15	7	530	2.46	8	5	ND	2	37	1	2	2	55	.34	.157	9	25	.39	182	.13	3	1.97	.02	.14	1	1	2
L300S 700W	1	17	12	74	.1	12	7	496	2.14	9	5	ND	3	22	1	3	4	45	.22	.111	8	21	.33	153	.13	8	2.01	.03	.14	1	7	2
L300S 675W	1	17	15	63	.1	14	6	530	2.30	4	5	ND	2	36	1	2	2	51	.36	.055	8	23	.34	176	.13	2	1.81	.03	.13	1	4	2
L300S 650W	1	16	15	54	.2	15	6	592	2.16	6	5	ND	2	30	1	2	2	48	.32	.078	8	24	.32	159	.12	2	1.70	.02	.11	1	4	2
L300S 625W	1	13	28	94	.1	11	6	859	2.05	5	5	ND	2	32	1	2	2	46	.34	.085	7	23	.27	195	.10	2	1.26	.02	.11	1	1	2
L300S 600W	1	16	6	65	.1	13	7	463	2.17	6	5	ND	2	33	1	2	4	49	.32	.117	9	23	.27	165	.11	2	1.63	.03	.09	1	2	2
L300S 575W	1	16	15	74	.1	14	7	475	2.28	3	5	ND	3	34	1	2	2	52	.33	.162	9	30	.25	145	.10	8	1.41	.02	.09	2	1	2
L300S 550W	1	16	12	69	.1	17	7	347	2.49	8	5	ND	3	26	1	2	2	56	.28	.094	10	30	.31	161	.12	2	1.81	.03	.11	1	3	2
L300S 525W	1	16	7	80	.2	16	6	388	2.26	6	5	ND	3	34	1	2	2	47	.31	.161	11	25	.30	190	.11	2	1.77	.02	.13	1	2	2
L300S 500W	1	15	15	80	.1	19	7	442	2.27	5	5	ND	3	22	1	2	3	49	.22	.121	8	26	.28	157	.11	2	1.64	.02	.10	1	4	2
L300S 475W	1	20	6	59	.1	14	8	295	2.84	4	5	ND	2	35	1	2	2	71	.47	.077	12	33	.32	120	.12	2	1.62	.03	.10	1	1	2
L300S 450W	1	16	6	68	.1	19	7	425	2.53	7	5	ND	3	34	1	2	3	56	.31	.124	10	29	.33	172	.12	2	1.87	.02	.12	1	1	2
STD C/AU-S	19	60	37	128	6.9	63	28	961	3.94	39	14	7	33	48	15	17	20	61	.48	.091	35	55	.88	179	.09	37	1.71	.07	.16	15	51	96

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Pt** PPB
L300S 425W	1	18	20	85	.3	18	7	461	2.49	5	5	ND	3	38	1	2	2	51	.40	.110	11	29	.37	154	.14	14	1.97	.03	.13	1	2	2
L300S 400W	1	24	13	96	.1	21	7	452	2.61	2	5	ND	3	31	1	2	5	54	.39	.117	15	28	.41	124	.15	2	2.30	.03	.11	1	1	2
L300S 375W	1	18	14	82	.1	16	6	462	2.43	2	5	ND	3	34	1	2	4	54	.38	.140	11	27	.35	160	.12	8	1.61	.02	.12	1	1	3
L300S 350W	1	16	19	123	.1	9	6	1069	2.27	5	5	ND	1	36	1	2	2	45	.36	.191	8	23	.30	263	.11	2	1.45	.02	.10	1	4	2
L300S 325W	1	16	19	67	.1	14	6	481	2.39	3	5	ND	2	32	1	2	2	54	.32	.124	12	27	.33	153	.11	2	1.76	.02	.07	2	2	2
L300S 300W	1	16	15	101	.1	14	6	920	2.29	4	5	ND	2	39	1	2	8	46	.37	.195	9	23	.29	200	.12	6	1.85	.02	.07	1	1	3
L300S 275W	1	16	9	81	.1	18	5	595	2.39	3	5	ND	2	40	1	2	2	52	.38	.174	10	26	.30	204	.12	2	1.92	.02	.08	1	1	2
L300S 250W	1	20	11	64	.1	16	6	457	2.37	5	5	ND	3	27	1	2	2	54	.29	.109	10	25	.33	140	.12	2	1.74	.02	.08	1	2	4
L300S 225W	1	22	12	67	.1	18	7	608	2.51	2	5	ND	3	26	1	2	6	51	.23	.117	12	21	.37	164	.15	6	2.37	.03	.10	1	1	2
L300S 200W	1	26	23	114	.1	12	8	1130	2.20	5	5	ND	1	44	1	2	2	44	.47	.159	10	21	.31	130	.08	2	1.45	.02	.10	1	4	2
L300S 175W	1	13	20	80	.1	19	6	560	2.36	2	5	ND	2	32	1	2	2	45	.33	.053	8	24	.39	115	.13	4	2.07	.02	.13	1	1	2
L300S 150W	1	26	21	144	.1	12	5	1223	2.21	6	5	ND	1	36	1	2	2	41	.35	.326	7	14	.28	252	.12	5	1.90	.02	.08	1	3	2
L300S 125W	1	16	13	93	.1	19	6	561	2.36	5	5	ND	2	24	1	2	2	49	.28	.149	10	24	.34	158	.13	6	2.07	.02	.08	1	1	2
L300S 100W	1	17	11	111	.1	35	6	788	2.53	7	5	ND	3	43	1	2	2	51	.35	.189	11	27	.37	224	.14	6	2.11	.02	.12	1	1	2
L300S 75W	1	17	5	93	.1	93	9	540	2.86	2	5	ND	2	30	1	2	2	60	.30	.151	11	37	.47	159	.16	2	2.35	.03	.12	1	1	3
L300S 50W	1	8	10	58	.1	344	25	526	2.17	4	5	ND	1	34	1	2	2	27	.25	.055	6	134	1.31	174	.08	2	1.26	.02	.10	1	1	2
L300S 25W	1	12	6	39	.1	382	34	668	2.43	10	5	ND	1	43	1	2	7	35	.43	.046	6	206	1.33	175	.07	8	.96	.03	.12	1	12	2
L300S 0W	1	11	21	50	.1	436	45	929	2.09	12	5	ND	1	42	1	2	4	17	.39	.045	3	213	1.55	186	.04	2	.62	.02	.08	1	1	3
L300S 0E	1	11	7	34	.3	405	34	691	2.01	14	5	ND	1	33	1	2	2	15	.30	.042	3	211	1.16	143	.04	11	.59	.02	.06	2	1	3
L300S 25E	1	12	13	47	.1	609	35	608	2.27	12	5	ND	1	40	1	2	2	24	.28	.047	6	76	1.74	209	.07	8	1.28	.03	.08	1	1	2
L300S 50E	1	12	11	53	.2	286	23	743	1.98	13	5	ND	1	47	1	2	5	29	.33	.057	6	50	.87	237	.09	2	1.23	.02	.11	1	35	3
L300S 75E	1	13	13	65	.1	212	11	280	2.27	8	5	ND	4	34	1	2	2	40	.22	.171	8	36	.56	195	.13	6	2.03	.02	.10	1	12	2
L300S 100E	1	16	5	87	.3	78	7	670	1.95	5	5	ND	2	37	1	2	2	34	.26	.245	7	22	.32	231	.11	2	1.93	.02	.08	1	1	2
L300S 125E	1	16	5	92	.1	46	6	389	1.97	5	5	ND	3	36	1	2	2	37	.28	.136	8	22	.28	189	.12	9	1.84	.03	.14	1	2	2
L300S 150E	1	16	6	75	.2	29	6	565	2.35	4	5	ND	2	29	1	2	2	49	.24	.168	12	25	.33	160	.12	8	2.12	.02	.07	1	1	2
L300S 175E	1	17	13	74	.1	21	7	704	2.39	2	5	ND	3	33	1	2	6	48	.29	.139	10	23	.35	165	.14	8	2.33	.02	.09	1	1	3
L300S 200E	1	20	13	144	.2	14	6	1833	2.28	6	5	ND	2	45	1	3	2	41	.38	.362	9	23	.33	310	.12	10	1.97	.02	.12	1	85	2
L300S 225E	1	17	7	65	.1	21	6	790	2.38	3	5	ND	3	33	1	2	6	48	.24	.078	10	22	.37	148	.14	4	2.31	.02	.09	1	1	2
L300S 250E	1	24	14	83	.1	28	9	899	2.94	6	5	ND	3	41	1	2	2	64	.42	.131	13	35	.43	155	.15	10	2.36	.02	.12	1	5	2
L300S 275E	1	20	14	82	.2	28	9	657	3.08	3	5	ND	3	40	1	2	2	67	.40	.139	13	33	.45	101	.14	6	2.53	.02	.15	1	64	2
L300S 300E	1	14	12	119	.2	65	6	935	2.65	9	5	ND	2	58	1	2	4	49	.50	.100	8	26	.52	278	.12	9	2.23	.02	.22	1	3	2
L300S 325E	1	16	2	95	.2	63	9	433	2.45	10	5	ND	2	39	1	2	2	47	.33	.113	8	27	.50	181	.13	6	2.14	.03	.14	1	2	2
L300S 350E	1	16	3	134	.1	154	13	379	2.44	15	5	ND	3	32	1	3	2	46	.28	.132	8	40	.59	132	.11	4	1.70	.02	.12	1	42	2
L300S 375E	1	16	6	146	.3	148	13	734	2.30	11	5	ND	2	29	1	2	4	44	.23	.134	7	42	.57	201	.09	8	1.33	.02	.10	1	210	2
L300S 400E	1	20	4	88	.1	250	15	358	2.89	14	5	ND	2	37	1	3	2	57	.31	.068	11	64	.88	186	.12	7	1.69	.03	.12	1	31	3
L300S 425E	1	20	12	128	.2	305	19	679	3.05	23	5	ND	2	42	1	2	2	50	.38	.158	8	73	1.03	192	.12	6	1.96	.02	.11	1	56	3
STD C/AU-S	19	60	37	129	6.8	65	26	968	3.93	38	15	7	32	48	16	15	18	61	.48	.100	35	56	.88	180	.09	35	1.71	.07	.15	14	48	95

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Pt** PPB
L300S 450E	1	23	28	325	.1	38	13	1548	3.54	16	5	ND	1	90	1	2	6	48	.55	.325	7	21	.45	447	.11	13	2.01	.03	.14	1	12	2
L300S 475E	1	16	11	126	.1	107	9	646	2.06	7	5	ND	1	36	1	2	2	37	.35	.179	8	32	.35	166	.11	2	1.63	.03	.09	2	16	3
L300S 500E	1	16	12	149	.1	97	11	588	2.63	12	5	ND	2	41	1	2	4	45	.32	.200	9	35	.41	148	.13	6	2.15	.04	.11	1	19	2
L400S 25E	1	20	22	62	.1	11	6	556	2.39	2	5	ND	2	31	1	2	4	49	.31	.084	11	24	.32	146	.16	2	2.53	.03	.11	1	1	2
L400S 50E	1	17	18	61	.1	13	7	502	2.36	3	5	ND	3	28	1	2	4	51	.25	.097	11	24	.32	132	.14	4	2.25	.02	.08	1	1	2
L400S 75E	1	17	24	78	.1	21	8	882	2.59	5	5	ND	1	26	1	2	4	53	.28	.092	11	29	.37	140	.15	2	2.40	.02	.09	1	1	2
L400S 100E	1	20	19	134	.2	16	10	1772	2.71	9	5	ND	1	35	1	2	2	57	.35	.140	10	28	.37	168	.14	10	1.98	.02	.11	2	3	2
L400S 125E	1	20	25	90	.2	13	6	1339	2.39	8	5	ND	1	45	1	2	2	50	.40	.118	10	23	.34	248	.13	7	2.16	.02	.10	1	1	2
L400S 150E	1	30	38	130	.1	20	12	2215	2.68	7	5	ND	2	107	1	2	2	50	.82	.167	13	26	.50	276	.14	6	2.38	.03	.17	1	1	2
L400S 175E	1	26	44	132	.1	16	8	1993	2.51	6	5	ND	1	86	1	2	2	53	.69	.159	12	29	.41	266	.12	10	1.77	.02	.15	2	1	2
L400S 200E	1	27	20	114	.1	16	9	1440	2.72	8	5	ND	2	73	1	2	3	55	.62	.216	12	28	.45	246	.13	2	2.21	.03	.17	1	3	2
L400S 225E	1	23	17	102	.2	17	10	1247	2.75	7	5	ND	2	61	1	2	2	56	.47	.142	12	29	.42	177	.13	4	2.12	.02	.16	1	4	2
L400S 250E	1	23	23	96	.2	17	9	1127	2.85	7	5	ND	2	67	1	2	2	61	.68	.097	12	29	.49	216	.13	5	2.19	.02	.17	1	22	2
L400S 275E	1	23	28	94	.1	11	9	1192	2.59	11	5	ND	2	60	1	2	2	54	.62	.066	12	23	.44	198	.13	4	2.05	.02	.16	1	1	4
L400S 300E	1	27	32	138	.1	18	12	1193	3.44	15	5	ND	2	47	1	2	2	62	.43	.079	15	27	.51	157	.15	2	2.91	.02	.16	2	31	2
L400S 325E	1	34	53	245	.1	9	10	2083	2.69	18	5	ND	1	127	2	3	2	44	1.14	.273	8	16	.38	405	.11	2	2.08	.03	.17	1	33	2
L400S 350E	1	24	20	138	.2	14	11	1003	3.15	11	5	ND	2	55	1	2	2	60	.50	.124	12	24	.54	213	.16	2	2.85	.03	.21	1	5	2
L400S 375E	1	26	23	153	.1	13	10	699	2.98	9	5	ND	3	50	1	2	2	57	.38	.101	11	24	.48	208	.17	5	2.92	.03	.14	1	1	2
L400S 400E	1	20	6	136	.1	11	8	656	2.97	4	5	ND	3	34	1	2	3	62	.31	.089	10	23	.43	176	.14	12	2.31	.03	.13	1	5	2
L400S 425E	1	20	18	169	.1	13	10	1116	3.19	6	5	ND	2	42	1	2	2	63	.34	.273	8	23	.48	176	.14	2	2.63	.03	.11	1	1	2
L400S 450E	1	18	16	130	.2	13	7	745	2.61	8	5	ND	2	49	1	2	4	53	.43	.144	9	21	.36	168	.12	6	2.13	.03	.12	1	1	4
L400S 475E	1	22	15	188	.3	16	8	963	2.65	5	5	ND	2	37	1	2	4	50	.30	.179	8	17	.37	158	.14	6	2.46	.03	.12	1	1	2
L400S 500E	1	20	24	130	.1	16	6	458	2.63	7	5	ND	2	43	1	2	3	53	.30	.151	10	20	.38	134	.13	2	2.25	.03	.13	1	1	2
L400S 525E	1	23	18	201	.1	18	10	758	2.89	2	5	ND	3	48	1	2	5	57	.35	.183	10	20	.40	172	.14	12	2.35	.03	.14	3	1	2
L400S 550E	1	16	17	110	.1	11	6	479	2.40	7	5	ND	2	39	1	3	2	46	.30	.165	9	20	.34	162	.12	2	2.10	.03	.12	2	2	2
L400S 575E	1	20	9	111	.1	17	8	500	2.64	9	5	ND	2	40	1	2	2	55	.36	.130	10	23	.38	155	.12	2	1.98	.03	.13	1	6	2
L400S 600E	1	23	8	131	.1	19	8	578	2.67	2	5	ND	3	29	1	2	2	53	.27	.112	10	22	.38	150	.14	2	2.41	.03	.11	1	1	2
L600S 25E	1	16	16	102	.1	14	8	345	2.47	9	5	ND	3	46	1	2	2	50	.29	.186	10	23	.42	166	.13	9	2.17	.03	.18	1	1	2
L600S 50E	1	21	16	128	.2	17	9	400	2.45	10	5	ND	3	49	1	2	2	50	.33	.207	11	24	.41	174	.13	2	2.12	.03	.18	1	3	2
L600S 75E	1	20	8	124	.1	16	8	356	2.60	8	5	ND	3	43	1	2	2	57	.33	.107	11	28	.43	158	.14	5	2.18	.03	.16	1	1	2
L600S 100E	1	20	12	141	.1	12	8	567	2.52	7	5	ND	2	61	1	2	3	51	.36	.221	9	22	.42	207	.13	9	2.20	.03	.18	1	4	2
L600S 125E	1	20	7	111	.1	11	8	594	2.44	6	6	ND	2	45	1	2	2	50	.31	.175	9	19	.38	186	.13	7	2.18	.03	.17	1	1	2
L600S 150E	1	17	12	170	.1	14	8	684	2.74	2	5	ND	2	57	1	2	2	53	.39	.207	9	26	.44	241	.14	2	2.32	.03	.18	1	9	2
L600S 175E	1	23	13	147	.2	11	9	358	2.82	8	5	ND	3	60	1	2	2	59	.39	.073	10	23	.48	179	.14	2	2.45	.02	.19	2	1	2
L600S 200E	1	20	13	136	.4	12	7	546	2.38	10	5	ND	3	57	1	3	2	48	.39	.149	11	19	.39	185	.13	4	2.32	.03	.17	1	4	2
L600S 225E	1	22	11	92	.1	14	8	382	2.71	4	6	ND	3	37	1	2	2	58	.31	.146	14	26	.42	140	.14	2	2.51	.03	.13	1	1	5
STD C/AU-S	19	57	38	128	6.7	64	28	969	3.93	37	20	7	32	47	16	15	19	61	.48	.099	35	57	.88	180	.09	38	1.71	.07	.16	13	51	101

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Pt** PPB
L600S 250E	1	16	9	134	.2	14	8	759	2.50	4	5	ND	2	52	1	2	3	50	.38	.234	10	24	.34	242	.12	6	2.11	.03	.14	1	1	3
L600S 275E	1	20	10	114	.1	13	8	486	2.57	4	5	ND	2	39	1	2	5	51	.30	.173	11	25	.38	201	.15	2	2.51	.03	.15	1	1	2
L600S 300E	1	16	4	124	.1	14	7	740	2.28	4	5	ND	2	49	1	2	2	43	.36	.222	9	22	.34	223	.13	2	2.27	.03	.14	1	1	2
L600S 325E	1	16	9	143	.3	14	6	870	2.36	7	5	ND	2	66	1	2	3	45	.42	.304	9	22	.35	270	.12	6	2.18	.03	.14	1	2	2
L600S 350E	1	23	7	151	.1	13	8	726	2.64	6	5	ND	2	46	1	2	2	52	.35	.194	11	24	.39	182	.14	8	2.41	.03	.16	1	1	2
L600S 375E	1	20	2	156	.3	14	9	963	2.75	7	5	ND	1	50	1	2	7	57	.26	.178	9	22	.42	186	.13	5	2.31	.02	.16	1	1	2
L600S 400E	1	18	4	170	.1	14	10	1379	3.27	3	5	ND	1	58	1	2	2	70	.41	.160	8	29	.50	165	.14	2	2.52	.02	.18	1	1	2
L600S 425E	1	19	25	252	.3	16	10	2387	3.22	12	5	ND	1	103	1	2	2	65	.64	.139	8	27	.48	225	.12	9	2.36	.02	.20	1	1	2
L600S 450E	1	18	10	146	.2	11	9	925	3.11	5	5	ND	2	66	1	2	2	65	.44	.085	8	22	.49	149	.14	2	2.31	.03	.22	1	2	2
L600S 475E	1	20	9	133	.1	9	8	547	3.04	6	5	ND	1	74	1	2	5	61	.46	.145	9	22	.50	151	.14	3	2.58	.03	.25	1	1	2
L600S 500E	1	20	9	118	.1	14	9	667	2.74	3	5	ND	2	59	1	2	2	56	.35	.149	9	21	.40	168	.13	7	2.16	.03	.16	1	1	2
L600S 525E	1	24	11	145	.1	14	10	862	3.43	15	5	ND	3	51	1	2	3	70	.36	.169	10	27	.50	165	.15	2	2.69	.03	.21	1	1	2
L600S 550E	1	23	2	152	.1	14	11	839	3.56	7	5	ND	2	56	1	2	5	72	.36	.190	12	29	.54	204	.15	7	2.75	.03	.29	1	1	2
L600S 575E	1	23	10	119	.1	13	9	618	2.80	2	5	ND	3	58	1	2	2	55	.37	.182	10	19	.39	157	.15	2	2.56	.04	.15	1	1	2
L600S 600E	1	23	8	136	.1	9	8	726	2.71	4	5	ND	2	66	1	2	4	52	.41	.201	10	21	.40	194	.14	2	2.42	.03	.18	1	2	2
L600S 625E	1	23	7	123	.1	11	7	779	2.62	7	5	ND	1	44	1	2	4	53	.29	.184	9	23	.37	183	.14	2	2.26	.03	.15	1	2	2
L600S 650E	1	23	9	257	.2	11	9	1221	3.06	6	5	ND	2	58	1	2	4	54	.44	.194	8	25	.41	234	.12	11	2.00	.03	.16	1	1	2
L600S 675E	1	27	4	201	.1	16	10	1066	3.27	6	5	ND	2	50	1	2	3	65	.47	.128	11	23	.46	155	.16	4	2.39	.03	.20	1	1	2
L600S 700E	1	23	8	268	.1	16	10	1303	3.18	10	5	ND	2	52	1	2	2	59	.37	.211	8	22	.45	227	.13	4	2.05	.03	.20	1	1	3
L600S 725E	1	22	7	165	.1	12	10	580	3.47	3	5	ND	3	59	1	2	2	72	.40	.120	11	29	.56	171	.16	8	2.37	.03	.32	1	1	2
L700S 25E	1	27	9	182	.1	17	9	454	2.74	13	5	ND	2	40	1	2	2	54	.36	.111	11	25	.39	120	.14	2	2.45	.03	.14	1	1	3
L700S 50E	1	23	9	141	.2	14	10	613	3.04	9	5	ND	2	64	1	2	2	65	.45	.149	11	26	.43	162	.13	6	2.26	.03	.18	1	1	3
L700S 75E	1	23	13	150	.1	16	10	595	3.14	11	5	ND	2	53	1	2	2	70	.42	.105	9	27	.50	161	.14	4	2.53	.03	.23	1	1	2
L700S 100E	1	23	3	143	.3	19	10	692	3.26	9	5	ND	2	56	1	2	2	73	.39	.114	9	27	.51	157	.14	5	2.49	.02	.21	1	1	2
L700S 125E	1	20	10	131	.1	14	9	609	2.97	9	5	ND	2	56	1	2	2	63	.43	.122	10	26	.44	153	.14	6	2.37	.03	.16	1	4	2
L800S 875W	1	25	8	137	.2	17	10	1315	2.81	5	5	ND	2	51	1	2	2	56	.50	.062	10	28	.51	174	.15	2	2.37	.04	.23	1	5	2
L800S 850W	1	20	8	121	.1	11	9	979	3.47	2	5	ND	1	44	1	2	2	66	.66	.034	9	30	.52	97	.17	5	2.40	.04	.25	1	17	6
L800S 825W	1	42	2	102	.4	17	12	812	4.21	2	5	ND	3	40	1	2	2	75	.59	.027	10	32	.75	126	.21	9	2.71	.04	.66	1	4	2
L800S 800W	1	40	29	135	.1	14	9	1880	2.81	7	5	ND	2	93	2	2	2	57	.97	.062	9	28	.49	246	.13	9	2.13	.03	.23	1	1	3
L800S 775W	1	31	19	96	.1	23	11	861	3.61	7	5	ND	3	51	1	2	3	81	.49	.060	11	36	.62	148	.17	2	2.68	.03	.29	1	7	2
L800S 750W	1	30	19	168	.2	13	10	1709	3.29	10	5	ND	1	85	1	2	2	73	.74	.086	6	21	.70	211	.16	2	2.92	.03	.25	1	8	2
L800S 725W	1	39	16	121	.4	16	12	1380	4.18	8	5	ND	2	68	1	2	5	93	.53	.065	11	31	.80	169	.19	2	3.54	.03	.36	1	9	2
L800S 700W	1	44	12	130	.2	20	14	906	5.15	2	5	ND	2	93	1	2	2	92	.80	.075	9	26	.91	165	.19	7	3.71	.03	.59	1	65	2
L800S 675W	1	49	31	179	.3	24	15	2023	4.50	6	5	ND	2	133	1	2	3	91	.96	.090	8	25	.83	195	.17	6	3.92	.03	.50	1	41	2
L800S 650W	1	30	5	134	.2	38	14	1231	4.46	11	5	ND	2	90	1	3	2	100	.93	.135	5	36	1.15	227	.16	2	2.19	.05	.46	1	2	2
L800S 625W	1	47	8	229	.1	22	14	1088	3.19	3	5	ND	2	73	1	2	2	55	.69	.139	7	18	.63	156	.17	10	3.31	.04	.21	1	1	2
STD C/AU-S	18	59	35	128	6.8	66	28	969	3.93	36	18	7	33	47	16	17	19	61	.48	.096	35	60	.88	179	.09	36	1.70	.07	.16	13	53	103

SHANGRI-LA MINERALS PROJECT - CASTLE FILE # 87-0111

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Pt** PPB
L800S 600W	1	41	15	162	.4	19	12	712	3.80	5	5	ND	3	58	1	2	4	78	.60	.084	10	27	.67	167	.19	13	3.30	.03	.32	1	1	2
L800S 550W	1	28	9	105	.1	19	9	1051	2.92	8	5	ND	2	58	1	2	4	60	.59	.146	8	26	.50	202	.14	5	2.45	.02	.17	1	10	2
L800S 525W	1	30	15	101	.4	15	8	987	2.86	8	5	ND	1	53	1	4	2	64	.56	.142	8	22	.44	127	.13	3	2.57	.02	.12	1	4	2
L800S 500W	1	34	8	105	.2	16	9	760	3.29	8	5	ND	3	56	1	3	2	74	.53	.119	11	30	.55	151	.17	4	2.85	.02	.16	1	6	3
L800S 475W	1	30	11	120	.1	16	10	1080	3.38	8	5	ND	1	57	1	2	3	74	.40	.120	11	29	.54	175	.16	2	3.16	.02	.21	1	3	2
L800S 450W	1	27	9	123	.1	17	9	936	3.37	8	6	ND	2	51	1	2	2	75	.48	.087	10	35	.54	213	.16	8	2.43	.02	.33	1	6	2
L800S 425W	1	20	16	119	.3	13	9	545	2.99	8	5	ND	2	36	1	4	2	66	.40	.078	7	29	.44	152	.15	2	2.06	.02	.28	1	1	2
L800S 400W	1	20	15	91	.1	16	7	759	2.94	5	5	ND	1	32	1	2	8	67	.31	.096	9	29	.45	150	.13	2	2.15	.02	.10	1	1	2
L800S 350W	1	23	7	72	.2	17	8	433	2.92	7	5	ND	2	32	1	2	2	66	.29	.092	9	29	.42	123	.14	2	2.26	.02	.10	1	2	2
L800S 325W	1	20	8	77	.1	18	8	464	2.60	5	5	ND	2	35	1	2	3	56	.35	.085	9	25	.37	127	.12	2	2.05	.03	.12	1	2	2
L800S 300W	1	27	13	109	.1	24	9	793	3.08	10	7	ND	3	48	1	2	2	62	.39	.184	11	28	.44	181	.15	2	2.70	.03	.13	1	1	2
L800S 275W	1	27	9	141	.1	18	9	819	3.60	10	5	ND	3	57	1	2	5	70	.47	.090	9	28	.57	218	.15	2	2.81	.02	.24	1	1	2
L800S 250W	1	30	2	153	.1	19	9	676	3.44	7	5	ND	3	62	1	4	3	68	.47	.107	10	27	.57	216	.15	8	2.80	.03	.34	1	3	2
L800S 225W	1	26	12	136	.2	16	9	727	3.01	4	5	ND	2	59	1	2	2	61	.53	.110	10	28	.45	214	.13	9	2.19	.02	.22	1	2	3
L800S 200W	1	23	9	135	.1	19	10	670	3.21	6	5	ND	3	42	1	2	4	65	.39	.105	10	32	.48	229	.15	2	2.32	.03	.25	1	2	2
L800S 175W	1	31	7	125	.1	37	14	734	3.83	11	5	ND	2	54	1	2	5	76	.53	.086	10	73	.85	167	.19	3	2.86	.03	.31	1	5	2
L800S 150W	1	34	10	129	.1	24	13	733	3.66	16	5	ND	3	50	1	2	6	76	.43	.122	11	39	.59	142	.16	2	2.60	.03	.23	1	2	2
L800S 125W	1	23	12	101	.1	17	8	521	2.72	12	5	ND	3	38	1	2	2	60	.35	.111	10	26	.38	137	.12	4	1.92	.02	.13	1	4	2
L800S 100W	1	19	2	82	.1	11	7	322	2.59	12	5	ND	2	38	1	2	2	58	.41	.086	11	24	.34	113	.12	4	1.78	.02	.13	1	3	2
L800S 75W	1	21	9	92	.2	15	7	408	2.74	11	5	ND	3	36	1	2	2	59	.36	.087	11	25	.37	124	.13	6	1.98	.03	.12	1	9	2
L800S 50W	1	23	10	91	.2	16	8	380	2.64	8	5	ND	3	34	1	2	4	59	.34	.119	11	25	.34	126	.12	4	1.87	.03	.13	1	2	2
L800S 25W	1	19	5	103	.1	16	7	343	2.57	7	5	ND	3	33	1	3	2	56	.35	.123	10	25	.34	132	.11	2	1.80	.03	.15	1	1	2
L800S 0W	1	16	3	92	.1	13	7	439	2.37	7	5	ND	2	37	1	2	3	49	.35	.130	8	27	.30	149	.11	2	1.62	.03	.13	1	1	2
L800S 25E	1	19	2	86	.1	16	7	338	2.58	7	5	ND	2	31	1	2	2	59	.33	.064	8	29	.32	139	.12	10	1.64	.03	.14	1	1	7
L800S 50E	1	20	8	148	.1	20	8	494	2.76	4	5	ND	3	37	1	2	2	54	.37	.101	10	25	.40	155	.13	2	2.05	.03	.16	1	1	2
L800S 75E	1	23	13	147	.2	21	9	739	3.12	9	5	ND	2	39	1	3	2	63	.39	.134	11	29	.41	154	.14	3	2.15	.03	.15	1	3	2
L800S 100E	1	18	16	190	.1	20	8	774	3.11	7	5	ND	3	32	1	2	2	63	.36	.069	10	22	.42	118	.13	5	1.95	.03	.13	1	6	2
L800S 125E	1	21	13	161	.1	15	8	605	2.93	4	5	ND	2	38	1	2	6	60	.37	.095	9	23	.41	136	.13	2	2.20	.03	.15	1	1	2
L800S 150E	1	19	10	150	.1	14	9	527	2.70	10	5	ND	1	49	1	2	2	48	.39	.106	8	16	.37	127	.11	2	2.08	.03	.15	1	2	2
L800S 175E	1	33	25	221	.3	23	13	870	4.03	18	5	ND	2	59	1	2	2	70	.51	.101	11	23	.49	128	.14	5	2.48	.03	.25	1	1	2
L800S 200E	1	29	17	250	.3	25	13	1540	4.26	33	6	ND	1	75	1	2	2	55	.74	.123	8	14	.36	122	.11	8	2.42	.04	.15	1	1	2
L800S 225E	1	32	11	156	.3	17	11	691	3.83	11	5	ND	3	45	1	2	2	78	.44	.065	9	19	.50	94	.18	2	2.37	.03	.15	1	3	2
L800S 250E	1	21	16	115	.2	15	9	1318	3.05	6	5	ND	1	44	1	2	2	64	.41	.148	9	25	.45	184	.14	2	2.29	.02	.15	1	2	2
L800S 275E	1	20	4	93	.1	12	9	873	3.03	9	5	ND	2	31	1	2	3	65	.29	.110	9	24	.45	167	.15	2	2.46	.02	.12	1	1	2
L800S 300E	1	17	11	163	.1	14	12	1024	3.51	10	5	ND	2	37	1	3	3	70	.33	.159	8	25	.60	235	.18	6	2.72	.02	.16	1	2	2
L800S 325E	1	18	8	108	.1	14	8	968	2.98	10	5	ND	3	37	1	2	2	61	.33	.164	9	26	.46	243	.15	3	2.67	.02	.18	1	1	2
STD C/AU-S	19	57	35	128	6.8	63	28	957	3.94	40	19	8	31	46	16	17	20	61	.48	.098	34	56	.88	177	.09	35	1.70	.07	.15	14	48	98

SHANGRI-LA MINERALS PROJECT - CASTLE FILE # 87-0111

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au† PPB	Pt** PPB
L800S 350E	1	20	12	160	.2	17	10	1568	2.89	11	6	ND	3	71	1	2	2	56	.51	.278	10	24	.47	339	.13	4	2.35	.02	.15	2	1	2
L800S 375E	1	24	10	91	.1	18	9	1030	3.09	11	5	ND	1	44	2	2	2	69	.37	.101	11	28	.52	178	.15	8	2.64	.02	.18	1	1	2
L800S 400E	1	28	20	152	.1	13	11	2251	3.08	8	5	ND	1	91	1	2	2	65	.71	.202	7	23	.51	306	.12	2	2.19	.02	.16	1	1	2
L800S 425E	1	25	6	77	.3	17	8	1085	2.97	8	5	ND	2	70	1	2	2	66	.56	.092	10	25	.48	177	.14	4	2.50	.02	.18	1	1	2
L800S 450E	1	24	14	109	.2	21	9	1337	3.43	10	5	ND	2	48	1	2	3	74	.47	.226	9	28	.59	212	.16	6	3.27	.02	.18	1	3	2
L800S 475E	1	27	7	148	.2	16	12	1236	3.47	11	6	ND	3	63	1	2	2	73	.47	.236	8	28	.66	272	.17	12	2.91	.03	.28	2	1	2
L800S 500E	1	27	13	119	.1	15	9	784	3.06	12	5	ND	3	58	1	2	4	63	.46	.081	10	28	.52	172	.16	7	2.70	.03	.23	1	1	2
L800S 525E	1	23	12	112	.1	16	8	665	2.78	5	5	ND	3	52	1	2	2	56	.38	.167	10	25	.42	184	.14	2	2.14	.02	.18	1	2	2
L800S 550E	1	23	12	132	.2	15	9	676	2.92	7	5	ND	3	47	1	2	2	61	.42	.078	12	27	.46	172	.15	2	2.32	.03	.22	1	1	2
L800S 575E	1	30	18	254	.4	13	11	2075	3.22	8	5	ND	2	84	1	2	2	64	.64	.174	7	24	.54	294	.13	7	2.12	.03	.21	1	7	2
L800S 600E	1	27	12	140	.1	13	9	729	3.13	4	5	ND	3	68	1	2	2	63	.48	.112	10	26	.47	224	.15	2	2.24	.03	.27	1	6	2
L800S 625E	1	27	2	134	.3	12	10	704	3.17	9	5	ND	3	66	1	2	2	60	.46	.154	10	26	.46	187	.14	10	2.31	.03	.25	1	1	2
L800S 650E	1	23	2	126	.1	15	7	553	2.28	6	5	ND	2	71	1	2	2	41	.44	.198	8	22	.36	227	.13	7	2.01	.03	.17	1	2	2
L800S 675E	1	16	4	124	.2	13	9	793	2.50	5	5	ND	2	59	1	2	2	48	.44	.193	9	25	.39	257	.13	8	2.04	.03	.19	1	1	2
L800S 700E	1	13	20	147	.1	18	7	695	2.58	8	5	ND	3	43	1	2	2	50	.33	.190	8	24	.40	207	.13	2	1.96	.03	.21	1	7	2
L800S 725E	1	20	3	147	.1	16	7	551	2.61	4	5	ND	3	49	1	2	2	52	.38	.106	10	26	.40	192	.14	9	1.92	.03	.22	1	3	2
L800S 750E	1	28	12	164	.1	16	9	523	2.92	4	5	ND	2	54	1	2	2	57	.31	.154	10	23	.41	140	.13	8	2.04	.03	.19	1	1	2
L800S 775E	1	19	2	95	.1	15	9	409	2.89	5	5	ND	2	42	1	2	2	65	.33	.145	12	31	.40	126	.12	2	1.73	.03	.14	1	1	2
L800S 800E	1	19	3	111	.1	12	7	483	2.20	4	5	ND	3	67	1	2	3	44	.50	.202	10	22	.31	209	.11	2	1.65	.03	.15	2	1	2
L800S 825E	1	19	3	115	.3	14	7	593	2.35	7	5	ND	2	55	1	2	2	47	.39	.191	8	23	.32	244	.11	6	1.71	.03	.14	1	1	2
L800S 850E	1	13	7	158	.3	15	7	676	2.41	4	5	ND	2	47	1	2	4	51	.45	.109	8	24	.35	196	.12	4	1.59	.03	.15	1	1	2
L800S 875E	1	16	2	96	.2	15	7	485	2.82	8	5	ND	2	32	1	2	2	63	.33	.117	10	29	.36	142	.12	9	1.72	.03	.15	1	2	2
L800S 900E	1	16	2	90	.1	12	7	538	2.43	7	5	ND	3	52	1	2	2	50	.50	.132	10	22	.31	186	.12	2	1.92	.03	.12	1	1	2
L800S 925E	1	18	8	98	.2	17	7	547	2.36	9	5	ND	2	42	1	2	2	47	.35	.152	10	21	.32	175	.12	3	2.06	.03	.12	1	1	2
L800S 975E	1	20	2	98	.1	15	8	502	2.38	9	5	ND	2	52	1	2	3	47	.40	.221	10	21	.36	197	.13	2	2.32	.03	.13	3	1	2
L800S 1000E	1	19	13	77	.2	17	7	291	2.42	3	5	ND	2	40	1	2	2	51	.39	.133	11	25	.31	111	.11	3	1.78	.03	.11	1	7	2
L900S 1050E	1	40	8	112	.1	23	8	581	2.47	5	5	ND	2	48	1	2	3	46	.48	.207	10	22	.39	185	.13	3	2.14	.03	.14	2	1	2
L900S 1075E	1	19	6	118	.2	15	6	650	2.26	5	5	ND	2	47	1	3	2	40	.39	.278	9	21	.33	235	.11	2	2.00	.03	.12	2	1	2
L900S 1100E	1	16	17	118	.1	19	8	580	2.48	5	5	ND	2	52	1	2	3	48	.42	.264	10	27	.37	238	.11	2	1.91	.03	.15	1	5	2
L1200S 300W	1	20	14	107	.2	17	8	1005	2.89	8	5	ND	1	41	1	2	4	60	.41	.157	8	31	.43	226	.15	2	2.34	.02	.10	1	2	2
L1200S 200W	1	20	16	95	.1	20	8	646	2.85	5	5	ND	2	31	1	2	2	60	.31	.137	9	28	.44	144	.13	3	2.31	.02	.11	1	3	2
L1200S 100W	1	18	8	80	.1	15	7	869	2.32	3	5	ND	2	30	1	2	3	46	.28	.192	8	20	.32	182	.12	2	2.11	.03	.07	1	1	2
L1200S 0W	1	15	2	111	.1	18	8	642	2.56	5	5	ND	1	27	1	2	3	49	.29	.128	8	22	.31	130	.14	4	2.34	.04	.07	1	1	2
L2000S 1325W	1	12	2	52	.1	674	31	387	2.74	11	5	ND	3	30	1	2	2	40	.20	.024	10	191	2.14	155	.15	12	2.59	.03	.07	1	2	2
L2000S 1300W	1	13	6	56	.1	660	35	497	2.56	11	5	ND	2	27	1	2	6	42	.23	.040	7	134	1.56	147	.13	2	2.16	.03	.06	2	3	2
L2000S 1275W	1	16	14	67	.1	870	39	451	2.47	15	5	ND	2	35	1	2	2	33	.29	.099	7	159	2.01	123	.13	2	2.16	.03	.06	1	1	2
STD C/AU-S	19	56	35	126	6.8	67	28	950	3.93	39	16	6	32	47	16	17	22	61	.48	.090	34	54	.87	177	.09	38	1.71	.07	.15	13	50	97

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Pt** PPB
L2000S 1250W	1	9	5	59	.1	402	18	316	1.93	11	5	ND	2	28	1	2	2	29	.29	.083	5	115	.99	211	.11	3	1.71	.03	.09	2	3	2
L2000S 1225W	1	13	19	71	.1	679	26	444	2.11	20	5	ND	2	31	1	2	2	28	.24	.066	7	141	1.32	196	.12	7	1.97	.03	.06	2	1	2
L2000S 1200W	1	13	11	74	.1	424	24	560	2.87	5	5	ND	3	28	1	2	3	45	.26	.113	11	124	1.25	191	.14	9	2.34	.02	.06	2	2	2
L2000S 1175W	1	16	14	108	.1	239	23	1418	2.47	14	5	ND	2	34	1	2	5	38	.34	.117	7	132	1.10	268	.11	4	1.28	.02	.06	1	14	3
L2000S 1150W	1	13	10	67	.1	270	15	454	2.65	12	7	ND	3	27	1	2	3	47	.24	.069	8	89	.94	207	.13	2	1.98	.02	.08	1	1	2
L2000S 1125W	1	7	15	47	.2	275	11	173	1.87	3	5	ND	2	25	1	2	3	32	.23	.030	5	81	.77	111	.10	11	1.68	.02	.06	4	1	2
L2000S 1100W	1	13	14	61	.1	397	17	365	2.41	2	5	ND	3	33	1	2	2	40	.35	.033	7	93	.89	204	.14	2	2.02	.02	.06	2	6	2
L2000S 1075W	1	13	17	62	.1	739	37	505	2.50	19	5	ND	1	25	1	2	7	32	.17	.096	7	142	1.72	122	.15	2	2.45	.03	.05	2	2	2
L2000S 1050W	1	10	10	62	.1	513	23	276	2.50	5	5	ND	2	21	1	2	6	36	.15	.076	6	99	1.03	194	.15	2	2.23	.02	.05	1	3	2
L2000S 1025W	1	11	5	74	.1	561	28	564	2.52	13	5	ND	2	27	1	2	4	36	.20	.061	5	151	1.33	229	.10	3	1.44	.02	.06	1	1	2
L2000S 1000W	1	16	17	118	.2	260	21	815	2.87	8	6	ND	2	26	1	2	2	41	.24	.218	6	145	1.19	300	.13	2	1.90	.02	.08	2	3	2
L2000S 975W	1	16	6	81	.1	263	18	677	2.71	8	5	ND	2	22	1	2	2	38	.16	.193	8	93	.89	275	.15	2	2.09	.02	.07	1	1	2
L2000S 950W	1	9	6	53	.2	474	21	328	1.98	7	7	ND	2	26	1	2	2	27	.19	.071	5	99	1.12	151	.11	10	1.56	.03	.06	3	1	2
L2000S 925W	1	9	8	63	.2	263	14	492	2.10	4	5	ND	2	24	1	2	2	30	.16	.123	5	70	.64	229	.12	2	1.80	.02	.05	2	3	2
L2000S 900W	1	9	12	92	.1	300	19	1397	1.98	12	5	ND	1	29	1	2	3	27	.24	.138	6	71	.65	294	.10	2	1.35	.03	.06	2	2	2
L2000S 875W	1	16	11	87	.1	505	36	1191	2.38	12	5	ND	1	31	1	2	2	32	.25	.107	6	104	1.22	298	.11	3	1.70	.02	.06	1	13	2
L2000S 850W	1	13	4	49	.1	240	15	306	2.29	6	9	ND	4	18	1	2	2	36	.15	.142	7	91	.63	127	.13	2	2.09	.02	.06	3	1	2
L2000S 825W	1	16	18	78	.1	302	20	1499	2.55	6	5	ND	2	32	1	2	2	38	.24	.153	8	112	.87	273	.13	2	1.77	.02	.08	2	1	2
L2000S 800W	1	15	21	74	.2	292	22	1594	1.90	8	5	ND	1	35	1	2	2	29	.32	.064	5	141	1.03	203	.08	4	1.20	.02	.09	1	1	2
L2000S 775W	1	16	11	80	.1	333	18	566	2.88	8	5	ND	2	20	1	3	5	48	.19	.052	6	157	1.17	193	.12	2	1.70	.02	.04	1	23	2
L2000S 750W	1	23	10	71	.1	332	15	450	2.95	4	5	ND	2	17	1	2	3	44	.16	.146	8	107	.96	83	.14	2	3.08	.02	.05	2	1	2
L2000S 725W	1	18	14	70	.1	405	20	701	3.01	9	5	ND	4	30	1	2	2	45	.21	.056	13	119	1.07	202	.17	2	3.10	.02	.06	1	2	2
L2000S 700W	1	19	10	72	.1	747	36	1185	3.12	11	5	ND	1	46	1	2	4	32	.39	.091	6	371	3.43	200	.10	16	1.79	.02	.07	1	1	2
L2000S 675W	1	9	7	55	.1	270	13	283	2.14	2	5	ND	2	21	1	2	4	40	.17	.051	4	120	.93	121	.09	2	1.26	.02	.06	1	12	2
L2000S 650W	1	8	2	43	.1	216	10	264	2.05	2	5	ND	1	21	1	2	2	36	.19	.044	4	130	.83	116	.08	2	1.28	.02	.08	1	15	2
L2000S 625W	1	9	6	35	.2	190	10	183	2.36	2	5	ND	2	19	1	2	2	44	.19	.021	5	138	.98	123	.10	2	1.26	.02	.07	2	6	2
L2000S 600W	1	9	13	42	.1	241	13	299	2.51	5	5	ND	1	22	1	2	2	43	.21	.021	5	204	1.35	96	.09	5	1.22	.02	.08	1	3	2
L2000S 575W	1	9	9	48	.1	211	13	244	2.24	10	5	ND	2	23	1	2	3	38	.21	.078	5	119	.91	120	.10	4	1.53	.03	.08	2	1	2
L2000S 550W	1	8	12	50	.1	379	17	244	2.61	17	5	ND	1	26	1	2	2	37	.21	.049	5	307	1.79	85	.07	2	1.41	.02	.07	2	27	2
L2000S 525W	1	11	8	43	.1	443	22	373	2.53	25	5	ND	1	27	1	2	3	28	.21	.137	6	283	1.35	109	.08	3	1.62	.02	.07	1	12	2
L2000S 500W	1	9	4	40	.2	259	18	518	2.34	13	5	ND	1	30	1	2	2	28	.32	.044	6	217	1.71	116	.04	2	1.36	.02	.06	2	7	3
L2000S 475W	1	5	8	35	.1	303	17	283	2.35	7	5	ND	3	23	1	2	2	32	.21	.036	5	249	1.63	105	.08	2	1.11	.02	.08	1	24	2
L2000S 450W	1	12	4	33	.1	367	17	246	2.35	6	5	ND	2	23	1	2	2	34	.21	.025	7	255	1.74	72	.09	15	1.37	.03	.09	1	3	2
L2000S 400W (A)	1	7	9	35	.1	194	11	250	1.82	8	5	ND	2	26	1	2	2	29	.22	.071	5	106	.75	134	.09	6	1.37	.03	.08	1	34	2
L2000S 400W	1	8	4	32	.1	166	9	218	1.81	5	5	ND	2	28	1	2	2	30	.24	.084	4	96	.76	129	.08	2	1.41	.02	.09	1	1	2
L2000S 375W	1	12	11	59	.1	177	10	235	1.85	4	5	ND	3	31	1	2	2	26	.24	.169	5	85	.80	229	.09	2	1.82	.03	.10	2	1	2
STD C/AU-S	18	57	42	128	6.8	65	27	963	3.96	35	14	7	33	48	15	14	18	61	.48	.096	35	58	.88	179	.09	34	1.71	.07	.16	14	48	99

SHANGRI-LA MINERALS PROJECT - CASTLE FILE # 87-0111

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Pt** PPB
L2000S 350W	1	9	10	48	.1	186	12	337	1.96	8	5	ND	2	28	1	2	2	34	.24	.113	6	93	.70	166	.10	5	1.51	.03	.09	3	1	2
L2000S 325W	1	9	8	71	.1	133	9	555	1.67	8	5	ND	2	33	1	2	4	27	.25	.252	5	48	.37	290	.10	2	1.52	.03	.10	1	1	2
L2000S 300W	1	12	5	53	.1	146	11	205	2.09	4	5	ND	2	34	1	2	2	37	.29	.126	8	57	.49	122	.12	2	1.83	.04	.07	1	1	2
L2000S 275W	1	14	3	51	.1	192	12	263	2.12	6	5	ND	1	35	1	2	4	40	.31	.129	7	79	.64	126	.10	2	1.48	.03	.07	1	1	2
L2000S 250W	1	19	12	41	.1	411	17	188	2.64	18	5	ND	4	43	1	2	2	37	.31	.184	9	127	1.09	157	.13	2	2.47	.04	.14	2	1	2
L2000S 225W	1	10	6	41	.1	373	19	224	2.41	11	5	ND	2	29	1	2	2	36	.24	.028	7	178	1.56	96	.11	2	1.68	.03	.12	1	2	2
L2000S 200W	1	12	13	34	.2	526	29	710	2.97	12	5	ND	2	36	1	2	2	34	.28	.031	5	287	3.00	109	.08	3	1.70	.02	.10	1	1	2
L2000S 175W	1	16	13	58	.2	1253	54	630	3.53	7	5	ND	3	30	1	2	3	45	.27	.044	8	361	2.98	90	.12	8	1.92	.03	.07	1	127	2
L2000S 150W	1	12	11	51	.1	589	29	704	2.71	6	5	ND	2	47	1	2	5	40	.36	.040	6	281	1.58	157	.11	2	1.74	.03	.09	1	2	2
L2000S 125W	1	26	2	56	.1	375	18	417	2.74	8	5	ND	2	37	1	2	2	54	.32	.050	7	112	.92	142	.14	2	1.90	.03	.07	1	1	2
L2000S 100W	1	11	27	78	.2	226	12	603	1.51	6	5	ND	1	49	1	2	4	18	.44	.086	3	86	.74	265	.07	2	.92	.03	.11	1	2	2
L2000S 75W	1	11	5	47	.1	197	10	274	1.94	6	5	ND	2	29	1	2	2	34	.25	.067	7	54	.45	146	.14	2	2.11	.04	.10	2	1	2
L2000S 50W	1	16	7	43	.1	229	15	324	2.73	6	5	ND	2	26	1	2	2	58	.34	.032	8	112	.90	74	.14	4	1.37	.03	.08	2	12	2
L2000S 25W	1	13	10	43	.1	146	8	196	1.80	6	5	ND	2	37	1	2	2	27	.28	.093	9	39	.39	168	.14	2	2.58	.04	.08	2	1	2
L2100S 1300W	1	16	9	52	.1	614	38	566	2.99	20	5	ND	4	28	1	2	2	43	.24	.029	13	234	2.46	120	.14	10	2.28	.03	.11	2	6	2
L2100S 1275W	1	13	16	58	.2	419	29	542	2.78	11	5	ND	3	35	1	4	5	45	.28	.032	13	146	1.54	161	.16	8	2.56	.03	.10	1	4	2
L2100S 1250W	1	19	20	69	.1	532	43	856	2.46	11	5	ND	2	44	1	2	2	38	.39	.080	9	155	2.05	232	.12	5	2.26	.03	.07	2	15	2
L2100S 1225W	1	19	24	79	.1	537	42	883	2.39	12	5	ND	1	52	1	4	2	36	.46	.068	8	156	1.72	248	.12	2	1.87	.03	.08	1	2	2
L2100S 1200W	1	15	11	62	.1	699	86	1061	2.33	21	5	ND	1	31	1	2	2	31	.33	.065	6	311	4.16	128	.08	15	1.39	.02	.09	1	16	2
L2100S 1175W	1	12	6	66	.1	287	20	576	1.82	8	5	ND	2	44	1	2	2	23	.39	.167	7	156	1.59	268	.10	5	1.60	.03	.11	1	1	2
L2100S 1150W	1	16	15	57	.3	417	26	494	2.11	14	5	ND	1	34	1	2	2	33	.27	.049	8	116	1.19	160	.12	4	1.95	.03	.07	1	3	2
L2100S 1125W	1	9	17	50	.1	164	12	391	1.69	9	5	ND	1	26	1	2	3	27	.22	.022	5	70	.61	147	.09	2	1.34	.02	.08	1	11	2
L2100S 1100W	1	14	16	73	.1	480	30	639	2.54	13	5	ND	2	34	1	2	2	36	.27	.045	8	114	1.38	235	.13	8	2.05	.03	.07	1	1	2
L2100S 1075W	1	11	7	74	.1	368	23	588	2.47	16	5	ND	2	34	1	2	2	39	.28	.091	8	93	1.08	230	.14	6	2.06	.03	.07	1	1	2
L2100S 1050W	1	25	16	89	.1	443	52	1301	2.44	23	5	ND	1	57	1	4	2	28	.50	.140	6	225	2.39	283	.09	19	1.40	.03	.07	1	19	2
L2100S 1025W	1	7	8	38	.1	186	13	161	1.53	4	5	ND	2	20	1	2	2	23	.16	.200	5	51	.52	138	.10	2	1.57	.03	.06	2	1	2
L2100S 1000W	1	23	12	64	.3	1064	81	1476	3.02	25	5	ND	2	32	1	2	2	31	.28	.041	10	252	3.12	189	.12	25	2.26	.03	.10	3	1	2
L2100S 975W	1	17	6	64	.2	570	32	739	2.58	14	5	ND	3	38	1	3	2	36	.27	.051	12	125	1.37	229	.16	8	2.88	.03	.08	1	1	2
L2100S 950W	1	13	13	61	.3	581	33	806	2.29	9	5	ND	3	41	1	3	2	32	.30	.091	10	137	1.50	171	.14	6	2.42	.03	.08	1	2	2
L2100S 925W	1	16	24	56	.2	539	28	792	2.64	14	5	ND	1	37	1	2	4	39	.29	.085	12	118	1.13	179	.15	3	2.62	.02	.08	1	2	2
L2100S 900W	1	17	8	69	.3	614	34	739	2.64	11	5	ND	2	40	1	2	2	36	.32	.077	11	122	1.28	187	.16	6	2.70	.03	.06	1	5	2
L2100S 875W	1	24	12	62	.1	729	50	818	2.19	11	5	ND	2	62	1	2	2	26	.58	.066	9	139	1.66	276	.11	5	2.11	.03	.10	2	75	2
L2100S 850W	1	15	7	62	.1	156	13	571	2.03	3	5	ND	1	35	1	2	2	34	.33	.053	6	77	.72	203	.11	2	1.44	.03	.12	1	3	2
L2100S 825W	1	12	3	41	.1	122	11	352	2.13	2	5	ND	1	33	1	2	2	39	.31	.082	6	63	.62	180	.11	2	1.56	.03	.09	1	1	2
L2100S 800W	1	12	9	55	.2	109	10	429	2.00	7	5	ND	2	37	1	2	2	34	.32	.098	7	51	.50	170	.11	2	1.74	.03	.10	1	1	2
L2100S 775W	1	12	9	47	.1	132	10	329	2.18	7	5	ND	2	27	1	2	2	39	.28	.050	8	66	.67	138	.12	3	1.73	.03	.07	1	1	2
STD C/AU-S	18	59	37	126	6.7	65	28	954	3.98	37	17	7	32	46	16	16	20	60	.48	.095	34	57	.88	176	.09	35	1.71	.07	.15	15	52	96

SHANGRI-LA MINERALS PROJECT - CASTLE FILE # 87-0111

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Pt** PPB
L2100S 750W	1	32	42	137	.3	591	75	2802	2.88	15	5	ND	1	90	1	2	2	20	.82	.113	4	399	2.89	414	.04	14	.83	.02	.07	1	1	2
L2100S 725W	1	13	9	50	.2	250	13	448	2.23	7	5	ND	3	36	1	2	2	40	.28	.124	6	102	.94	151	.10	4	1.79	.03	.13	1	1	2
L2100S 700W	1	11	6	47	.3	273	12	356	1.97	7	5	ND	2	33	1	2	2	34	.31	.044	4	117	.88	156	.09	5	1.37	.02	.09	1	2	2
L2100S 675W	1	8	10	68	.2	255	11	445	1.47	2	5	ND	1	30	1	2	5	20	.19	.143	3	138	.76	260	.08	2	1.15	.03	.07	1	1	2
L2100S 650W	1	11	8	49	.3	233	14	346	2.39	6	5	ND	1	21	1	2	4	45	.22	.022	5	160	1.16	121	.10	3	1.33	.02	.09	1	2	2
L2100S 625W	1	7	10	37	.2	81	5	220	1.24	8	5	ND	1	29	1	2	3	15	.27	.310	3	50	.21	204	.10	2	1.82	.03	.05	1	1	2
L2100S 600W	1	8	6	62	.3	221	13	314	1.87	2	5	ND	1	22	1	2	3	30	.24	.035	4	164	1.14	162	.09	3	1.29	.02	.08	1	1	2
L2100S 575W	1	9	13	62	.2	261	19	844	1.85	10	6	ND	1	32	1	2	3	25	.30	.037	4	230	1.51	245	.07	13	1.09	.02	.05	1	1	2
L2100S 550W	1	11	5	47	.1	523	26	295	2.82	10	5	ND	2	18	1	2	2	46	.18	.025	6	328	3.27	73	.09	23	1.16	.02	.03	1	2	2
L2100S 525W	1	7	10	47	.2	274	14	337	1.58	7	5	ND	2	26	1	3	2	23	.20	.070	4	111	.85	221	.10	3	1.56	.02	.07	2	1	2
L2100S 500W	1	7	6	38	.3	152	9	240	1.29	10	6	ND	1	24	1	3	2	20	.22	.090	3	84	.57	148	.08	5	1.32	.03	.05	2	1	2
L2100S 475W	1	7	8	41	.1	91	6	425	1.09	6	5	ND	1	29	1	2	2	16	.27	.115	3	49	.34	239	.09	5	1.34	.03	.05	1	1	2
L2100S 450W	1	8	8	47	.3	287	15	292	1.68	9	5	ND	1	26	1	2	3	24	.22	.064	3	153	1.09	178	.08	9	1.41	.03	.08	1	1	2
L2100S 425W	1	5	4	46	.1	220	12	367	1.59	5	5	ND	1	22	1	2	2	26	.15	.063	3	77	.65	182	.11	2	1.65	.03	.04	1	2	2
L2100S 400W	1	6	14	47	.1	321	15	272	1.79	8	5	ND	2	22	1	2	2	29	.21	.024	5	115	.89	167	.10	8	1.43	.02	.04	1	1	2
L2100S 375W	1	5	12	66	.1	268	12	393	1.58	6	5	ND	1	21	1	2	2	23	.17	.039	4	119	.76	140	.08	4	1.08	.02	.05	1	2	2
L2100S 350W	1	7	8	49	.1	99	8	345	1.58	5	5	ND	2	21	1	3	3	30	.22	.126	4	42	.29	151	.09	2	1.38	.03	.04	2	1	2
L2100S 325W	1	8	8	61	.2	111	8	348	1.72	7	5	ND	2	30	1	2	2	31	.40	.136	5	44	.37	178	.08	5	1.15	.02	.06	1	1	2
L2100S 300W	1	7	4	50	.1	184	11	349	1.72	3	5	ND	2	34	1	2	2	29	.27	.117	5	85	.55	202	.09	6	1.42	.03	.09	1	1	2
L2100S 275W	1	6	2	51	.2	232	12	281	1.52	7	5	ND	1	29	1	2	2	23	.29	.092	3	90	.77	207	.10	4	1.63	.03	.06	1	1	2
L2100S 250W	1	9	20	51	.2	255	13	431	1.60	11	5	ND	1	40	1	2	3	23	.45	.098	4	92	.99	204	.09	9	1.34	.03	.07	1	1	2
L2100S 225W	1	10	17	64	.3	263	15	473	1.85	8	5	ND	2	39	1	2	2	29	.36	.059	4	142	1.00	191	.08	9	1.23	.05	.11	1	2	2
L2100S 200W	1	10	3	36	.2	339	21	283	2.72	12	5	ND	3	24	1	2	2	50	.32	.027	8	245	1.76	57	.09	18	.91	.03	.08	1	11	2
L2100S 175W	1	8	8	44	.1	262	13	176	1.68	6	5	ND	2	31	1	2	2	26	.26	.101	6	86	.68	181	.11	5	1.79	.03	.07	2	1	2
L2100S 150W	1	8	2	42	.2	216	11	182	1.71	4	5	ND	2	21	1	2	2	27	.23	.032	4	117	.68	127	.08	5	1.10	.02	.08	1	1	2
L2100S 125W	1	11	8	47	.1	188	9	243	1.19	7	5	ND	1	29	1	2	2	17	.21	.155	3	46	.37	205	.08	4	1.21	.03	.07	1	1	2
L2100S 100W	1	10	9	48	.1	165	7	331	1.16	6	5	ND	1	27	1	2	2	17	.27	.154	3	47	.37	206	.08	3	1.28	.04	.08	1	1	2
L2100S 75W	1	8	6	37	.2	204	11	261	1.78	5	5	ND	1	28	1	2	2	27	.27	.022	3	103	.85	117	.09	3	1.37	.03	.09	1	6	2
L2100S 50W	1	10	22	56	.1	169	11	567	1.66	7	5	ND	1	48	1	2	3	30	.39	.072	5	61	.50	267	.09	6	1.43	.03	.06	1	1	2
L2100S 25W	1	9	7	50	.1	188	11	351	1.72	10	5	ND	2	29	1	2	2	31	.31	.118	5	63	.48	177	.10	2	1.49	.03	.08	2	1	2
L2100S 0W	1	9	4	34	.1	183	10	171	1.74	5	5	ND	2	29	1	2	3	31	.19	.046	4	70	.56	144	.10	4	1.52	.03	.07	2	1	2
L2100S 25E	1	10	5	43	.1	241	14	256	2.16	5	5	ND	2	28	1	2	2	40	.23	.078	7	86	.70	159	.13	8	1.97	.03	.07	2	1	2
L2100S 50E	1	10	9	63	.1	183	12	240	1.52	6	5	ND	1	24	1	2	4	23	.19	.162	4	35	.31	252	.11	2	1.52	.03	.05	1	7	2
L2100S 75E	1	10	9	71	.1	229	11	270	1.70	6	5	ND	1	28	1	2	2	28	.26	.115	4	64	.67	245	.09	8	1.29	.03	.08	1	1	2
L2100S 100E	1	9	6	37	.1	88	6	318	1.47	4	5	ND	1	33	1	2	2	22	.24	.221	4	30	.23	222	.11	3	1.89	.04	.07	1	1	2
L2100S 125E	1	16	6	71	.1	552	55	1206	2.49	8	5	ND	1	52	1	2	2	32	.58	.051	5	253	2.88	343	.10	17	1.54	.04	.12	1	28	2
STD C/AU-S	20	58	43	135	7.0	65	29	1016	3.97	38	17	7	34	50	17	15	18	65	.48	.100	36	58	.87	188	.09	37	1.71	.07	.16	13	51	100

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*	Pt**
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB	PPB
L2100S 150E	1	10	4	58	.1	497	19	328	1.73	6	5	ND	1	43	1	2	2	22	.33	.044	4	145	1.40	168	.10	16	1.72	.04	.06	1	1	3
L2100S 175E	1	11	9	74	.1	599	29	563	2.13	3	5	ND	2	52	1	2	2	30	.40	.185	7	116	1.12	278	.12	16	1.87	.04	.10	1	1	2
L2100S 200E	1	10	5	62	.2	237	13	504	1.63	5	5	ND	1	39	1	2	2	25	.28	.061	4	96	.69	214	.09	7	1.32	.04	.08	1	4	2
L2100S 225E	1	10	6	34	.1	216	12	168	2.56	4	5	ND	2	28	1	2	2	56	.29	.022	7	131	1.03	84	.12	9	1.06	.03	.07	1	2	2
L2100S 250E	1	9	7	83	.1	413	22	382	2.55	7	5	ND	1	35	1	3	2	32	.27	.138	6	155	1.50	211	.11	11	1.65	.03	.07	1	1	2
L2100S 275E	1	7	2	37	.1	136	8	199	2.04	2	5	ND	1	25	1	2	2	40	.26	.029	6	88	.71	90	.11	5	1.35	.02	.06	1	1	2
L2100S 300E	1	10	8	45	.3	320	16	212	2.18	4	5	ND	2	26	1	2	2	37	.25	.054	7	121	.99	178	.13	6	1.88	.03	.07	1	1	2
L2100S 325E	1	11	2	52	.1	319	13	237	2.15	5	5	ND	2	29	1	2	2	36	.23	.044	7	93	.82	213	.15	4	2.54	.03	.08	1	1	3
L2200S 1150W	1	22	19	44	.2	560	50	1714	2.07	14	5	ND	1	40	1	2	2	22	.36	.059	5	137	1.35	146	.07	5	.83	.03	.06	2	12	2
L2200S 1125W	1	11	10	41	.3	184	12	249	2.21	6	5	ND	2	37	1	2	3	38	.29	.045	8	90	.56	128	.12	2	1.80	.03	.06	2	1	2
L2200S 1100W	1	19	11	51	.2	701	48	867	2.16	12	5	ND	2	40	1	2	2	24	.30	.041	6	159	2.09	139	.10	12	1.86	.03	.09	1	7	2
L2200S 1075W	1	13	11	57	.1	581	38	739	2.29	10	5	ND	1	34	1	2	2	28	.29	.048	8	164	1.52	160	.10	11	1.93	.03	.07	1	5	2
L2200S 1050W	1	17	11	67	.1	836	50	875	2.97	14	5	ND	2	36	1	2	2	35	.32	.085	11	194	1.79	197	.12	14	2.11	.03	.08	1	34	2
L2200S 1025W	1	21	21	86	.2	721	58	1111	2.75	15	5	ND	1	38	1	3	2	20	.37	.098	5	239	4.35	204	.05	32	.93	.02	.05	1	1	2
L2200S 1000W	1	19	10	79	.2	581	43	836	3.08	16	5	ND	3	30	1	3	2	46	.23	.065	13	176	1.83	196	.14	15	2.66	.02	.09	1	1	2
L2200S 975W	1	17	8	52	.2	338	24	616	2.63	11	5	ND	3	36	1	2	2	39	.27	.060	10	137	1.19	178	.14	5	2.32	.02	.12	1	1	2
L2200S 950W	1	25	11	98	.2	414	32	1086	2.27	12	5	ND	2	49	1	2	2	33	.35	.112	10	111	1.08	253	.11	10	1.93	.02	.09	1	2	2
L2200S 925W	1	11	2	40	.1	131	10	324	1.84	6	5	ND	2	39	1	2	3	31	.31	.125	7	55	.49	155	.10	6	1.50	.03	.10	1	4	2
L2200S 900W	1	12	9	51	.2	239	14	314	2.09	9	5	ND	2	35	1	2	2	35	.27	.077	8	76	.69	134	.12	6	1.78	.03	.09	1	1	2
L2200S 875W	1	10	4	47	.1	178	12	497	1.99	6	5	ND	2	34	1	2	2	33	.28	.084	6	63	.66	128	.11	4	1.72	.03	.11	1	1	2
L2200S 850W	1	10	8	38	.1	164	11	388	1.80	6	5	ND	2	28	1	3	3	31	.25	.087	6	52	.55	132	.11	6	1.76	.03	.07	2	1	2
L2200S 825W	1	16	13	65	.1	395	22	658	2.55	12	5	ND	3	30	1	3	2	43	.27	.088	9	114	1.05	179	.13	7	1.95	.02	.09	1	2	2
L2200S 800W	1	16	3	55	.1	277	19	518	2.65	6	5	ND	1	27	1	2	3	44	.23	.035	11	133	1.04	151	.13	2	2.04	.02	.08	1	1	2
L2200S 775W	1	14	7	86	.1	423	30	740	2.58	8	6	ND	2	34	1	2	2	35	.28	.122	9	217	1.49	189	.11	7	1.87	.02	.05	1	2	2
L2200S 750W	1	8	11	51	.1	187	12	474	1.86	8	5	ND	2	23	1	2	3	31	.23	.034	7	99	.82	87	.10	7	1.47	.03	.07	1	1	2
L2200S 725W	1	11	7	64	.1	139	10	429	1.17	10	5	ND	1	31	1	2	2	16	.17	.137	3	61	.24	158	.09	2	1.29	.03	.06	1	1	2
L2200S 700W	1	7	6	32	.2	277	7	98	1.12	6	5	ND	1	43	1	2	2	15	.28	.151	3	63	.32	132	.10	5	1.47	.04	.05	1	1	2
L2200S 675W	1	8	7	49	.1	1018	37	403	2.57	5	5	ND	2	55	1	2	2	20	.40	.042	6	557	2.87	132	.09	13	2.12	.03	.08	1	1	2
L2200S 650W	1	10	7	49	.3	1204	38	450	2.47	9	5	ND	2	43	1	3	2	24	.30	.037	6	550	3.66	114	.11	19	2.27	.04	.08	2	1	2
L2200S 625W	1	10	5	48	.1	453	16	346	2.07	4	5	ND	2	32	1	2	2	31	.21	.045	7	150	.89	212	.13	4	2.31	.03	.06	1	1	2
L2200S 600W	1	9	3	42	.1	318	18	329	2.29	8	5	ND	3	24	1	3	2	37	.21	.027	7	197	1.28	126	.11	11	1.56	.02	.08	2	1	2
L2200S 575W	1	9	9	48	.2	444	23	449	2.49	6	5	ND	2	27	1	2	2	39	.25	.042	7	248	1.95	102	.10	5	1.47	.02	.07	1	32	3
L2200S 550W	1	10	4	47	.2	244	16	419	2.06	6	5	ND	2	22	1	2	2	34	.19	.032	5	180	1.27	137	.09	5	1.26	.02	.06	2	2	2
L2200S 525W	1	8	8	55	.1	189	11	428	1.48	4	5	ND	1	31	1	2	3	23	.27	.072	4	109	.82	230	.08	6	1.19	.03	.06	1	2	2
L2200S 500W	1	9	2	47	.1	334	13	174	1.96	5	5	ND	2	28	1	2	2	27	.18	.124	5	118	.86	223	.12	2	2.16	.03	.08	1	1	2
L2200S 475W	1	9	2	60	.2	371	19	345	2.34	4	5	ND	2	24	1	2	2	39	.18	.062	6	149	1.32	218	.13	8	2.01	.02	.08	1	2	2
STD C/AU-S	19	56	37	131	6.7	64	27	983	3.95	36	15	7	33	48	16	15	20	63	.48	.101	35	55	.88	181	.09	33	1.71	.07	.16	13	47	104

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Pt** PPB
L2200S 450W	1	9	9	56	.1	276	16	297	1.75	8	5	ND	1	26	1	2	3	28	.20	.040	5	110	.82	196	.11	8	1.60	.03	.06	1	3	2
L2200S 425W	1	11	10	47	.1	346	17	224	2.16	10	5	ND	2	23	1	2	3	37	.17	.105	6	128	1.02	176	.14	8	2.18	.03	.09	1	1	2
L2200S 400W	1	9	12	52	.1	556	26	342	2.67	6	5	ND	2	30	1	2	2	43	.25	.024	7	263	2.37	102	.13	15	1.63	.03	.09	1	1	3
L2200S 375W	1	4	8	48	.1	248	11	313	1.91	6	5	ND	1	23	1	2	2	34	.23	.026	6	151	1.08	101	.12	5	1.15	.02	.07	1	2	2
L2200S 350W	1	8	13	54	.1	234	14	333	1.82	11	5	ND	2	32	1	2	2	29	.26	.131	5	105	.78	179	.11	4	1.62	.03	.07	1	3	3
L2200S 325W	1	8	9	49	.1	166	10	380	1.65	7	5	ND	1	30	1	2	3	27	.17	.125	5	77	.56	188	.11	12	1.74	.03	.06	1	2	2
L2200S 300W	1	30	19	48	.1	203	14	328	1.83	10	5	ND	1	28	1	2	2	26	.20	.209	4	88	.88	216	.11	7	2.01	.03	.05	1	1	2
L2200S 275W	1	9	8	55	.1	457	22	379	2.64	7	5	ND	1	26	1	2	3	39	.24	.022	4	294	1.90	94	.09	4	1.02	.03	.05	1	2	3
L2200S 250W	1	11	11	49	.1	258	12	182	1.70	11	5	ND	2	33	1	2	5	28	.23	.158	6	73	.66	128	.14	7	2.35	.04	.05	1	1	2
L2200S 225W	1	8	7	48	.1	306	16	284	1.82	7	5	ND	1	32	1	2	2	32	.22	.044	7	108	.82	175	.13	4	1.88	.04	.06	1	1	2
L2200S 200W	1	7	12	45	.2	159	9	302	1.49	9	5	ND	2	24	1	2	2	22	.15	.206	4	47	.32	182	.12	16	2.09	.04	.06	1	1	2
L2200S 175W	1	7	12	51	.1	266	14	554	2.08	7	5	ND	1	26	1	2	3	29	.22	.036	5	193	1.33	133	.08	12	.82	.03	.07	1	1	6
L2200S 150W	1	8	13	48	.1	398	17	291	1.86	8	5	ND	1	26	1	2	2	26	.20	.056	4	132	1.07	204	.10	12	1.54	.03	.09	1	5	3
L2200S 125W	1	9	7	47	.1	408	16	172	1.72	9	5	ND	2	32	1	2	2	25	.21	.070	5	135	1.09	213	.10	10	1.61	.03	.07	1	2	2
L2200S 100W	1	9	2	41	.1	474	25	282	2.83	10	5	ND	2	25	1	2	2	49	.25	.029	7	278	2.31	70	.12	14	1.16	.03	.09	1	9	4
L2200S 75W	1	8	6	48	.1	427	21	426	2.85	11	5	ND	1	34	1	2	2	42	.53	.044	6	297	2.00	136	.11	20	1.22	.03	.13	1	490	3
L2200S 50W	1	8	10	34	.1	381	13	210	1.58	5	5	ND	1	28	1	2	2	22	.20	.082	5	107	.84	116	.10	7	1.42	.03	.09	1	1	2
L2200S 25W	1	9	21	52	.1	471	25	829	1.73	8	5	ND	1	55	1	2	3	14	.34	.107	4	154	1.55	284	.05	17	.74	.03	.08	1	1	2
L2200S 0W	1	9	9	36	.1	553	23	253	2.38	7	5	ND	2	25	1	2	2	37	.24	.016	7	202	1.82	51	.11	17	1.22	.03	.06	1	3	2
L2200S 25E	1	9	12	54	.1	282	13	428	1.33	7	5	ND	1	41	1	2	2	19	.29	.101	4	72	.51	217	.09	15	1.26	.03	.08	1	1	3
L2200S 50E	1	12	4	40	.1	317	17	289	2.37	5	5	ND	2	30	1	2	2	37	.28	.027	5	227	2.14	92	.09	11	1.52	.03	.11	1	1	2
L2200S 75E	1	10	8	50	.1	200	9	261	1.46	6	5	ND	1	32	1	2	2	24	.26	.047	6	48	.42	143	.11	5	1.61	.04	.08	1	2	2
L2200S 100E	1	5	8	40	.1	148	7	217	1.26	5	5	ND	1	22	1	2	2	14	.18	.030	3	56	.43	93	.09	3	1.31	.03	.08	1	1	2
L2200S 125E	1	13	18	75	.1	1193	36	282	2.31	9	5	ND	1	64	1	2	2	22	.48	.041	5	156	2.87	144	.11	28	2.04	.04	.10	1	1	2
L2200S 150E	1	14	27	72	.1	446	19	506	2.59	11	5	ND	2	38	1	2	2	38	.32	.032	7	158	1.34	250	.13	9	1.74	.03	.10	1	1	2
L2200S-175E	1	10	11	57	.1	795	38	570	2.99	7	5	ND	2	28	1	2	2	25	.21	.029	5	455	6.19	163	.08	45	1.42	.03	.07	1	4	2
L2200S 200E	1	10	10	89	.2	495	30	839	2.78	10	5	ND	2	41	1	2	3	36	.30	.073	9	334	2.02	166	.12	11	1.93	.03	.09	1	1	3
L2200S 225E	1	11	12	77	.1	562	34	715	2.50	9	5	ND	2	49	1	2	2	31	.45	.073	8	179	1.56	166	.11	12	1.63	.03	.12	1	1	2
L2200S 250E	1	10	11	52	.1	339	20	470	2.25	7	5	ND	2	24	1	2	2	33	.23	.029	7	158	1.03	122	.11	7	1.38	.02	.09	1	2	2
L2200S 275E	1	18	18	76	.1	681	39	866	3.56	16	5	ND	4	28	1	2	3	59	.22	.060	16	244	2.16	187	.19	9	2.96	.03	.10	1	1	2
L2200S 300E	1	24	12	65	.1	538	45	1068	3.62	12	5	ND	3	29	1	2	2	64	.28	.080	15	277	2.14	108	.13	8	2.14	.02	.09	1	4	3
L2200S 325E	1	22	18	76	.1	364	31	838	2.92	8	5	ND	3	40	1	2	2	52	.37	.077	12	181	1.28	174	.13	8	1.76	.02	.14	1	2	2
L2200S 350E	1	18	23	65	.1	426	33	770	3.33	13	5	ND	3	27	1	2	2	61	.29	.081	13	214	1.50	123	.13	10	1.81	.02	.14	1	7	2
L2200S 375E	1	19	13	58	.1	424	24	566	3.07	10	5	ND	3	26	1	2	2	57	.32	.092	14	207	1.72	70	.12	16	1.72	.02	.07	1	1	3
L2200S 400E	1	10	6	39	.1	231	14	228	2.20	5	5	ND	2	22	1	2	2	42	.20	.027	8	139	1.07	60	.12	4	1.26	.03	.07	1	8	2
L2200S 425E	1	16	12	64	.1	435	33	846	2.98	9	5	ND	3	33	1	2	2	48	.30	.068	12	268	1.86	129	.13	12	1.76	.02	.13	1	2	2
STD C/AU-S	20	60	37	136	6.9	68	30	1029	3.99	41	17	7	34	50	16	15	20	66	.48	.103	37	59	.88	181	.09	35	1.71	.07	.17	13	50	101

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Pt** PPB
L2200S 450E	1	17	13	84	.2	487	25	362	2.83	7	5	ND	3	36	1	2	2	48	.27	.290	10	144	1.30	240	.14	3	2.16	.03	.06	1	3	2
L2200S 475E	1	39	8	136	.3	523	72	3193	3.53	17	5	ND	1	81	1	2	2	33	.73	.198	6	492	2.54	485	.06	12	1.00	.02	.08	1	2	2
L2200S 500E	1	12	12	42	.1	267	19	417	2.51	3	5	ND	3	33	1	2	2	47	.29	.034	9	143	1.18	148	.13	8	1.65	.03	.08	2	3	2
L2200S 525E	1	9	7	40	.2	233	15	487	1.92	3	5	ND	2	26	1	2	2	34	.23	.034	6	111	.83	158	.11	5	1.45	.03	.06	1	1	2
L2200S 550E	1	10	11	39	.1	299	14	231	1.57	3	5	ND	2	38	1	2	2	22	.28	.060	6	121	.68	201	.10	9	1.60	.03	.07	1	1	2
L2200S 575E	1	8	5	36	.2	130	15	203	1.68	6	5	ND	1	25	1	2	2	29	.24	.076	3	60	.42	118	.11	4	1.52	.03	.06	1	2	2
L2200S 600E	1	10	10	38	.1	110	9	140	1.90	7	5	ND	2	21	1	2	2	34	.17	.068	4	54	.41	96	.14	8	1.90	.03	.05	1	2	2
L2200S 625E	1	23	6	40	.1	72	7	383	1.14	3	5	ND	1	201	1	2	2	17	1.68	.029	6	41	3.33	140	.06	21	1.05	.07	.08	1	7	2
L2200S 650E	1	10	13	43	.1	131	9	414	2.13	2	5	ND	3	26	1	2	3	42	.25	.103	8	72	.56	159	.13	3	1.84	.03	.05	1	4	2
L2200S 675E	1	11	10	56	.2	274	17	342	2.12	4	5	ND	1	34	1	2	2	33	.27	.088	6	167	.97	200	.10	10	1.41	.03	.06	1	2	2
L2200S 700E	1	10	12	47	.1	201	13	428	2.27	4	5	ND	2	34	1	2	2	44	.31	.072	9	124	.77	139	.12	5	1.50	.03	.10	1	2	2
L2200S 725E	1	10	7	36	.3	84	9	297	2.01	4	5	ND	3	36	1	2	2	31	.37	.017	10	61	.63	74	.12	8	1.64	.05	.08	1	1	2
L2200S 750E	1	11	8	35	.2	80	8	364	2.01	4	5	ND	3	66	1	2	2	32	.68	.012	10	60	.60	113	.12	10	1.38	.05	.08	1	2	2
L2200S 775E	1	10	6	73	.1	236	14	286	2.18	13	5	ND	2	48	1	2	2	36	.29	.159	6	121	.61	206	.11	3	1.49	.03	.09	1	1	2
L2200S 800E	1	16	7	56	.1	66	8	521	1.82	5	5	ND	3	34	1	2	2	30	.25	.123	9	47	.52	203	.14	4	2.14	.04	.08	1	19	2
L2200S 825E	1	16	13	153	.2	64	7	2376	1.68	14	5	ND	1	55	1	2	2	29	.47	.148	6	43	.31	473	.08	5	1.25	.03	.08	1	1	2
L2200S 850E	1	13	8	53	.2	103	10	448	2.07	7	7	ND	3	28	1	2	2	39	.27	.103	10	70	.49	156	.12	6	1.78	.03	.10	1	1	2
L2200S 875E	1	13	6	55	.1	84	7	417	1.90	4	5	ND	2	44	1	2	2	36	.36	.160	9	56	.43	211	.11	7	1.65	.03	.11	1	3	2
L2200S 900E	1	19	11	63	.1	101	10	572	2.17	8	5	ND	3	42	1	2	2	39	.39	.146	10	58	.54	205	.14	2	2.19	.04	.13	1	2	2
L2300S 1075W	1	17	7	48	.1	888	42	480	2.49	10	5	ND	4	41	1	2	2	35	.29	.032	11	123	2.26	146	.14	14	2.23	.04	.08	1	1	2
L2300S 1050W	1	17	12	58	.1	454	26	445	2.86	8	5	ND	4	46	1	2	2	46	.32	.038	14	116	1.25	241	.18	7	2.76	.04	.12	1	1	2
L2300S 1025W	1	26	19	82	.1	480	37	951	2.71	24	5	ND	3	38	1	2	2	41	.36	.120	10	126	1.38	258	.13	10	2.27	.02	.11	1	43	2
L2300S 1000W	1	19	21	68	.1	433	35	815	3.06	6	5	ND	3	38	1	2	2	48	.33	.054	12	156	1.29	196	.13	7	2.05	.02	.10	1	3	2
L2300S 975W	1	20	15	57	.1	577	52	925	2.37	16	6	ND	3	52	1	3	2	29	.53	.073	8	129	1.35	166	.09	8	1.41	.03	.07	1	1	2
L2300S 950W	1	16	11	69	.1	641	41	667	2.68	10	5	ND	2	35	1	2	2	37	.34	.080	8	129	1.74	155	.11	9	1.70	.03	.06	1	3	2
L2300S 925W	1	17	13	64	.1	614	40	770	2.81	6	5	ND	2	26	1	2	2	39	.20	.051	11	140	1.40	173	.13	6	2.12	.02	.07	1	15	2
L2300S 900W	1	17	11	63	.1	731	45	756	3.46	7	5	ND	4	27	1	2	2	46	.21	.039	14	193	1.76	170	.15	8	2.41	.02	.07	1	2	3
L2300S 875W	1	17	18	74	.1	578	40	844	2.86	7	5	ND	3	39	1	2	2	39	.31	.068	10	169	1.53	214	.12	5	1.90	.02	.09	1	18	2
L2300S 850W	1	16	12	79	.1	617	53	985	2.35	12	6	ND	3	34	1	2	2	32	.28	.083	7	126	1.86	176	.13	10	1.96	.03	.08	1	2	2
L2300S 825W	1	17	4	57	.1	298	17	303	2.44	8	5	ND	3	31	1	2	2	41	.24	.107	8	83	.73	169	.15	5	2.49	.03	.08	1	7	2
L2300S 800W	1	18	16	62	.1	294	21	630	2.97	6	5	ND	4	36	1	2	2	53	.31	.054	12	155	1.12	183	.16	7	2.16	.02	.11	1	4	2
L2300S 775W	1	17	14	61	.1	332	24	634	3.24	11	5	ND	3	35	1	2	4	58	.32	.065	13	195	1.55	151	.15	13	2.01	.02	.11	1	11	2
L2300S 750W	1	14	7	78	.2	325	21	476	2.92	9	6	ND	4	33	1	3	2	49	.29	.132	12	137	1.22	136	.14	6	2.28	.02	.08	1	3	2
L2300S 725W	1	13	3	49	.1	196	11	223	2.71	5	5	ND	3	38	1	2	2	54	.33	.043	11	108	.77	167	.15	2	1.74	.03	.12	1	7	2
L2300S 700W	1	9	7	43	.1	178	10	363	1.37	10	5	ND	1	34	1	2	2	22	.19	.178	4	78	.42	196	.09	3	1.23	.03	.09	1	5	2
L2300S 675W	1	11	10	57	.1	246	12	578	1.46	3	5	ND	2	47	1	2	2	24	.31	.119	5	87	.62	244	.09	4	1.24	.03	.11	1	3	3
STD C/AU-S	20	59	39	135	6.9	66	30	1023	3.98	36	16	7	34	50	17	17	20	65	.48	.103	37	60	.88	189	.09	41	1.71	.07	.17	12	47	99

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Pt** PPB
L2300S 650W	1	9	6	50	.2	204	9	229	2.03	3	5	ND	2	35	1	2	2	35	.25	.129	5	86	.59	171	.10	8	1.67	.02	.05	1	1	2
L2300S 625W	1	10	6	44	.2	144	9	261	1.60	7	5	ND	2	26	1	2	2	26	.20	.114	5	51	.37	125	.11	4	1.90	.03	.06	1	1	2
L2300S 600W	1	9	6	53	.2	268	10	199	1.57	4	5	ND	2	32	1	2	3	22	.24	.152	4	69	.45	169	.11	5	1.82	.03	.09	1	1	2
L2300S 575W	1	10	8	66	.2	393	16	768	1.76	4	5	ND	2	37	1	2	3	25	.30	.114	6	110	.63	261	.10	5	1.50	.03	.10	1	2	2
L2300S 550W	1	9	5	54	.1	404	13	262	1.33	7	5	ND	1	35	1	2	2	19	.23	.094	4	96	.66	187	.10	8	1.52	.04	.08	1	1	2
L2300S 525W	1	8	4	51	.2	297	14	227	1.84	4	5	ND	2	28	1	2	2	28	.18	.032	5	85	.68	197	.11	5	1.98	.02	.06	1	1	2
L2300S 500W	1	9	8	52	.1	625	32	409	2.21	9	5	ND	1	32	1	2	2	32	.23	.041	5	195	1.69	176	.11	11	1.91	.03	.07	1	2	2
L2300S 475W	1	10	16	65	.2	284	17	468	2.10	7	5	ND	1	21	1	2	2	35	.16	.050	5	114	.84	156	.13	7	1.45	.02	.05	1	1	2
L2300S 450W	1	10	8	61	.1	408	20	490	2.20	4	5	ND	2	28	1	2	2	33	.23	.126	7	126	.87	183	.14	12	2.10	.02	.05	1	35	2
L2300S 425W	1	10	6	46	.3	334	15	285	1.73	2	5	ND	3	24	1	2	2	26	.16	.061	5	109	.79	272	.12	10	1.89	.03	.07	1	1	2
L2300S 400W	1	10	3	98	.3	393	28	831	3.04	7	5	ND	1	19	1	2	3	43	.18	.070	5	286	1.84	169	.12	15	1.30	.02	.06	1	9	2
L2300S 375W	1	9	6	45	.2	301	14	198	1.89	7	5	ND	2	17	1	2	2	29	.13	.105	5	86	.59	147	.14	7	2.33	.03	.05	3	1	2
L2300S 350W	1	10	10	45	.2	265	14	345	1.84	2	5	ND	2	26	1	2	2	29	.19	.067	7	94	.69	188	.14	10	2.20	.03	.06	1	1	2
L2300S 325W	1	11	6	49	.1	356	18	371	2.09	2	5	ND	2	26	1	2	2	32	.19	.031	5	181	1.26	192	.10	8	1.50	.02	.06	2	2	2
L2300S 300W	1	12	8	59	.2	705	46	649	3.33	6	5	ND	1	27	1	2	2	47	.24	.027	4	385	3.40	92	.10	13	1.67	.02	.05	1	1	3
L2300S 275W	1	15	7	59	.1	881	57	885	4.52	12	5	ND	2	27	1	3	2	29	.24	.066	4	482	5.03	141	.07	19	1.42	.02	.06	1	2	3
L2300S 250W	1	13	7	60	.1	464	33	1019	2.01	2	5	ND	1	48	1	2	3	19	.41	.067	4	493	2.60	345	.07	25	1.21	.03	.08	1	1	2
L2300S 225W	1	8	5	42	.1	170	10	304	1.41	2	5	ND	1	31	1	2	2	21	.22	.078	5	69	.46	193	.11	5	1.85	.03	.05	1	2	2
L2300S 200W	1	8	3	39	.1	324	16	308	1.75	2	5	ND	2	24	1	2	2	26	.16	.061	5	112	.73	137	.13	13	1.97	.03	.06	1	1	3
L2300S 175W	1	6	7	42	.1	316	17	247	1.74	2	5	ND	1	19	1	3	2	24	.15	.041	4	98	.72	123	.11	10	1.74	.03	.04	1	1	2
L2300S 150W	1	5	9	31	.1	543	17	116	1.51	2	5	ND	1	35	1	2	2	16	.19	.064	3	119	.81	146	.12	16	2.19	.04	.04	1	1	2
L2300S 125W	1	7	4	38	.1	456	24	268	2.16	2	5	ND	1	29	1	2	2	16	.22	.025	3	277	1.18	138	.08	11	1.47	.03	.06	2	1	2
L2300S 100W	1	6	6	45	.1	507	20	178	1.77	2	5	ND	1	22	1	2	2	18	.15	.023	4	183	1.15	95	.09	11	1.75	.03	.08	2	3	2
L2300S 75W	1	9	6	69	.1	479	27	546	2.04	2	5	ND	2	30	1	2	3	20	.26	.059	4	223	1.25	249	.08	12	1.31	.03	.09	1	1	2
L2300S 50W	1	8	6	50	.2	228	10	227	1.44	2	5	ND	1	30	1	2	2	21	.20	.126	4	61	.50	174	.10	7	1.52	.03	.07	1	1	2
L2300S 25W	1	9	8	58	.1	521	22	322	2.13	5	5	ND	1	34	1	2	2	31	.27	.063	4	155	1.26	203	.10	10	1.67	.03	.07	1	1	2
L2300S 0W	1	9	3	38	.1	314	17	234	2.26	4	5	ND	2	23	1	2	3	38	.20	.018	5	173	1.15	100	.10	12	1.23	.02	.05	2	2	3
L2300S 25E	1	9	9	33	.2	285	15	174	2.37	3	5	ND	2	20	1	2	2	44	.16	.013	5	163	1.24	95	.10	14	1.36	.02	.05	1	34	2
L2300S 50E	1	9	3	35	.1	189	12	186	2.12	4	5	ND	1	21	1	2	2	41	.18	.033	5	116	.89	151	.09	8	1.29	.02	.04	2	4	2
L2300S 75E	1	5	7	27	.1	124	8	149	1.91	3	5	ND	1	19	1	2	2	39	.19	.024	5	96	.67	94	.08	8	.94	.02	.05	1	3	2
L2300S 100E	1	9	7	44	.2	147	10	315	1.73	6	5	ND	2	35	1	2	2	31	.26	.128	6	68	.51	192	.10	3	1.48	.03	.08	2	21	2
L2300S 125E	1	8	5	35	.1	227	13	237	2.04	4	5	ND	2	26	1	2	2	37	.22	.026	5	116	.83	121	.10	8	1.25	.03	.07	2	1	2
L2300S 150E	1	9	10	41	.1	209	14	442	1.91	4	5	ND	1	26	1	2	2	30	.24	.027	4	157	.84	128	.07	6	.76	.03	.07	2	1	2
L2300S 175E	1	13	12	69	.1	628	49	934	2.85	6	5	ND	1	39	1	2	2	31	.35	.050	5	262	2.32	235	.08	17	1.37	.03	.08	1	5	2
L2300S 200E	1	11	11	69	.1	592	31	425	3.28	2	5	ND	1	33	1	2	2	30	.30	.043	5	215	1.99	167	.08	16	1.20	.03	.07	1	2	2
L2300S 225E	1	10	16	56	.1	390	23	563	2.32	7	5	ND	2	35	1	2	2	33	.31	.083	6	165	1.46	213	.11	9	1.80	.03	.06	1	1	2
STD C/AU-S	20	59	39	135	6.9	67	29	1022	3.97	37	16	7	33	49	17	18	20	65	.48	.107	36	58	.88	188	.09	35	1.71	.07	.16	13	54	96

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Pt** PPB
L2300S 250E	1	15	17	103	.2	589	30	843	3.19	3	6	ND	2	43	1	2	2	24	.35	.055	4	173	1.87	297	.07	18	1.08	.02	.10	1	1	3
L2300S 275E	1	10	11	107	.1	221	13	714	1.80	4	6	ND	2	43	1	2	3	23	.35	.261	5	100	.69	458	.09	13	1.55	.03	.06	1	1	7
L2300S 300E	1	11	2	40	.1	90	6	267	1.07	4	5	ND	1	35	1	2	2	15	.23	.188	4	33	.30	142	.08	10	1.39	.04	.06	1	11	2
L2300S 325E	1	12	18	78	.1	154	10	540	1.57	5	5	ND	2	43	1	2	2	23	.35	.173	6	60	.59	231	.09	12	1.51	.03	.10	1	1	2
L2300S 350E	1	10	5	46	.1	171	10	466	1.69	4	5	ND	2	60	1	2	2	27	.39	.063	5	77	.57	185	.08	10	1.20	.03	.11	1	3	2
L2300S 375E	1	8	6	49	.1	254	13	309	2.02	4	5	ND	2	36	1	2	2	32	.31	.060	5	106	.83	141	.09	18	1.29	.03	.11	1	1	21
L2300S 400E	1	11	3	34	.1	283	15	271	2.27	6	5	ND	3	32	1	2	2	35	.35	.029	7	147	1.09	85	.10	20	1.26	.03	.10	1	2	2
L2300S 425E	1	12	5	42	.1	586	23	254	2.82	9	5	ND	3	25	1	2	2	48	.24	.044	10	190	2.09	57	.11	25	1.33	.03	.09	1	3	2
L2300S 450E	1	14	12	45	.1	651	34	433	2.78	15	5	ND	3	29	1	2	2	40	.23	.044	10	217	2.25	105	.11	34	1.97	.03	.10	2	51	15
L2300S 475E	1	18	13	60	.1	431	34	813	3.11	7	5	ND	3	44	1	3	2	50	.41	.069	12	220	1.58	174	.12	8	1.79	.02	.15	1	15	2
L2300S 500E	1	17	10	51	.1	333	26	533	2.83	10	5	ND	3	30	1	2	2	49	.33	.064	11	152	1.30	122	.10	17	1.53	.02	.15	1	46	2
L2400S 1200W	1	48	28	216	.3	65	14	1701	2.79	14	5	ND	2	76	1	2	2	41	.82	.159	9	27	.56	264	.08	13	2.10	.02	.15	1	2	2
L2400S 1175W	1	15	5	122	.2	135	11	531	2.28	5	5	ND	2	32	1	3	3	28	.26	.109	7	27	.50	144	.11	22	2.36	.04	.14	1	1	2
L2400S 1150W	1	25	9	174	.2	123	12	821	3.05	10	5	ND	3	54	1	2	2	46	.58	.146	15	41	.51	187	.12	19	2.14	.03	.19	1	1	2
L2400S 1125W	1	18	8	63	.2	257	14	398	2.35	5	5	ND	3	28	1	3	2	35	.37	.059	12	41	.55	71	.13	23	2.32	.04	.13	1	4	2
L2400S 1100W	1	14	13	74	.1	945	24	365	3.11	34	5	ND	3	45	1	2	2	32	.33	.116	9	137	2.75	189	.14	20	2.81	.03	.07	1	15	2
L2400S 1050W	1	11	18	47	.1	1215	69	1155	4.09	20	5	ND	2	39	1	2	2	13	.39	.033	4	379	8.96	163	.04	56	.92	.02	.08	2	1	2
L2400S 1025W	1	13	7	53	.1	979	73	886	2.88	10	5	ND	2	35	1	2	2	29	.35	.033	6	170	3.85	111	.08	33	1.38	.03	.11	1	3	2
L2400S 1000W	1	16	5	45	.2	969	66	894	3.19	18	6	ND	1	38	1	2	2	15	.43	.039	3	448	7.75	147	.03	65	.57	.03	.07	2	40	7
L2400S 975W	1	14	14	54	.1	962	85	937	3.09	14	5	ND	2	32	1	2	2	20	.37	.029	5	343	4.73	118	.06	50	1.03	.03	.09	1	3	2
L2400S 950W	1	17	13	60	.1	1025	62	704	3.14	15	5	ND	2	39	1	2	2	26	.39	.033	8	276	5.06	118	.09	45	1.70	.03	.09	1	5	2
L2400S 925W	1	15	12	48	.1	1139	55	613	2.83	15	5	ND	2	37	1	2	2	22	.27	.050	6	212	2.76	167	.11	20	2.25	.04	.10	1	1	2
L2400S 900W	1	17	14	64	.1	840	60	873	2.54	12	5	ND	2	25	1	2	2	25	.26	.057	8	195	3.46	127	.08	29	1.40	.04	.07	1	3	2
L2400S 875W	1	9	15	59	.1	1059	46	653	3.26	15	6	ND	2	24	1	2	2	12	.29	.028	2	511	9.05	84	.02	68	.37	.02	.04	1	1	6
L2400S 850W	1	32	12	58	.2	385	14	605	1.68	4	5	ND	1	41	1	2	2	23	.46	.058	11	75	1.51	92	.06	15	1.34	.03	.09	1	2	54
L2400S 825W	1	17	19	48	.2	241	14	588	1.73	5	5	ND	2	27	1	2	2	25	.25	.036	5	71	.64	124	.08	11	1.08	.02	.06	1	1	2
L2400S 800W	1	25	14	62	.2	890	66	1134	3.17	15	5	ND	2	68	1	2	2	26	.49	.103	8	212	2.75	221	.08	25	1.73	.02	.08	1	9	2
L2400S 775W	1	21	10	64	.2	746	36	1180	2.97	13	5	ND	3	41	1	2	2	42	.34	.101	10	149	1.61	176	.12	14	1.97	.02	.08	1	6	2
L2400S 750W	1	20	18	57	.1	1178	56	1336	5.27	13	6	ND	1	137	1	2	2	14	.99	.044	2	432	6.41	407	.02	63	.36	.01	.06	1	1	6
L2400S 725W	1	8	7	39	.1	185	11	229	1.83	3	5	ND	2	29	1	2	2	32	.24	.012	5	75	.64	110	.10	7	1.50	.02	.04	1	8	2
L2400S 700W	1	9	9	47	.1	184	10	191	1.99	5	5	ND	3	35	1	2	2	32	.25	.061	5	63	.58	243	.12	8	2.14	.03	.05	1	3	2
L2400S 675W	1	8	5	45	.2	153	6	148	1.30	8	5	ND	2	33	1	2	2	16	.24	.204	3	44	.26	199	.10	8	1.79	.03	.09	1	1	2
L2400S 650W	1	8	12	45	.1	343	14	212	2.27	3	5	ND	2	31	1	2	2	34	.21	.030	6	183	.98	144	.11	8	1.63	.02	.06	1	1	2
L2400S 625W	1	15	12	54	.1	346	14	249	2.24	8	5	ND	2	33	1	2	2	35	.27	.183	5	113	.88	134	.13	7	2.24	.03	.08	1	2	2
L2400S 600W	1	9	5	50	.2	135	7	291	1.54	2	5	ND	2	33	1	2	2	20	.24	.184	6	57	.28	137	.12	7	2.55	.04	.07	1	1	2
L2400S 575W	1	12	9	47	.2	316	14	254	2.06	4	5	ND	3	41	1	2	3	30	.23	.056	7	112	.72	336	.12	4	2.25	.03	.06	1	1	2
STD C/AU-S	19	58	38	127	6.7	67	27	966	3.94	35	16	7	32	47	16	14	20	61	.48	.099	34	57	.88	178	.08	35	1.71	.07	.15	13	50	103

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Pt** PPB
L2400S 550W	1	9	9	52	.1	175	9	251	1.62	3	5	ND	1	30	1	2	2	27	.19	.105	4	74	.47	200	.10	6	1.62	.03	.05	1	3	2
L2400S 525W	1	6	6	44	.1	119	7	325	1.49	2	5	ND	1	43	1	2	2	20	.28	.201	5	46	.27	224	.11	6	2.07	.03	.07	2	1	2
L2400S 500W	1	18	10	43	.2	525	24	353	2.65	4	5	ND	2	50	1	2	2	46	.44	.067	9	222	1.37	81	.09	8	1.02	.03	.07	1	3	2
L2400S 475W	1	12	8	37	.1	390	13	235	1.29	2	5	ND	1	56	1	2	3	18	.32	.110	4	91	.60	134	.08	9	1.05	.03	.08	1	1	2
L2400S 450W	1	8	15	33	.1	154	8	227	1.54	8	5	ND	2	42	1	2	2	22	.33	.138	7	38	.28	94	.16	12	2.90	.04	.09	1	1	2
L2400S 425W	1	16	16	57	.2	712	23	276	2.34	3	5	ND	2	40	1	2	4	35	.27	.088	6	140	1.05	196	.16	7	2.55	.03	.08	1	1	2
L2400S 400W	1	10	14	45	.1	253	11	590	1.50	2	5	ND	2	30	1	2	2	23	.19	.060	5	60	.38	251	.11	3	1.70	.03	.07	2	1	2
L2400S 375W	1	9	8	36	.2	222	10	289	1.50	3	5	ND	1	33	1	2	2	22	.20	.076	4	67	.46	192	.12	5	1.93	.03	.05	1	2	2
L2400S 350W	1	9	15	43	.1	269	14	211	2.09	2	5	ND	2	30	1	2	2	27	.19	.035	6	153	.68	236	.12	3	2.05	.03	.06	1	1	2
L2400S 325W	1	8	2	32	.1	142	8	676	1.08	4	5	ND	1	30	1	2	2	17	.21	.064	3	49	.35	208	.07	7	.97	.03	.06	1	3	2
L2400S 300W	1	8	12	38	.2	724	28	284	1.99	5	5	ND	2	38	1	2	4	21	.28	.095	4	187	1.63	149	.10	17	2.13	.04	.10	1	1	2
L2400S 275W	1	9	11	50	.1	540	21	266	1.42	3	5	ND	1	55	1	2	2	17	.45	.143	5	87	.84	165	.11	15	1.77	.05	.06	1	1	2
L2400S 250W	1	10	20	55	.1	946	46	488	2.97	5	5	ND	2	36	1	2	3	26	.29	.031	6	281	2.05	183	.11	29	2.03	.03	.07	1	8	2
L2400S 225W	1	8	13	41	.1	655	33	352	2.79	2	5	ND	2	36	1	2	3	26	.28	.017	4	241	1.88	162	.10	18	1.85	.03	.07	2	17	2
L2400S 175W	1	15	41	43	.2	1102	90	802	3.48	5	6	ND	2	23	1	2	2	29	.25	.030	5	667	8.25	83	.07	67	1.29	.03	.10	1	56	2
L2400S 150W	1	16	10	42	.1	1299	120	871	3.51	7	5	ND	2	26	1	2	2	20	.27	.024	5	781	10.00	104	.05	85	1.15	.02	.09	1	12	3
L2400S 125W	1	13	9	38	.1	1175	96	770	3.26	4	5	ND	2	23	1	2	2	18	.17	.028	5	572	7.42	120	.08	67	1.66	.04	.10	1	10	2
L2400S 100W	1	18	12	40	.1	1079	58	641	3.08	6	6	ND	3	25	1	2	2	31	.21	.027	9	467	5.34	105	.10	38	1.89	.03	.08	2	46	2
L2400S 75W	1	28	14	46	.2	954	52	608	2.48	9	5	ND	1	42	1	2	2	19	.33	.035	7	467	4.13	141	.08	38	1.91	.03	.08	1	132	2
L2400S 50W	1	13	12	42	.2	531	36	887	2.31	2	5	ND	2	34	1	2	2	17	.23	.038	5	377	2.26	169	.07	16	1.37	.03	.08	2	6	2
L2400S 25W	1	6	6	31	.1	244	13	361	1.79	2	5	ND	1	18	1	2	4	21	.14	.022	4	194	.95	87	.07	8	.91	.02	.07	1	4	2
L2400S 0W	1	8	9	29	.1	162	9	213	1.28	2	5	ND	1	27	1	2	3	18	.18	.041	4	68	.50	159	.10	4	1.59	.03	.08	1	1	2
L2400S 25E	1	8	7	37	.1	165	11	280	1.36	4	5	ND	1	24	1	2	2	19	.17	.072	4	71	.55	197	.09	8	1.49	.03	.06	1	3	2
L2400S 50E	1	9	4	57	.2	157	10	252	1.40	3	5	ND	1	23	1	2	2	20	.20	.058	4	86	.68	150	.08	5	.97	.02	.05	1	6	2
L2400S 75E	1	9	5	56	.2	93	7	207	1.37	10	5	ND	1	37	1	2	2	18	.31	.235	3	34	.27	197	.11	8	2.13	.03	.06	1	5	2
L2400S 100E	1	8	7	33	.1	125	8	148	1.35	8	5	ND	1	22	1	2	2	20	.15	.084	4	43	.34	138	.11	4	1.93	.03	.06	2	1	2
L2400S 125E	1	7	8	46	.1	367	14	235	1.60	5	5	ND	1	26	1	2	3	22	.15	.040	4	159	1.34	173	.09	10	1.38	.03	.06	1	1	2
L2400S 150E	1	9	8	48	.1	220	11	155	1.19	4	5	ND	1	25	1	2	2	15	.17	.143	3	71	.56	202	.07	6	1.10	.03	.07	2	2	2
L2400S 175E	1	7	9	33	.2	402	21	296	2.42	2	5	ND	1	22	1	2	5	31	.18	.018	4	280	2.05	71	.08	12	1.04	.03	.08	1	46	2
L2400S 200E	1	9	7	34	.1	396	19	256	2.31	3	5	ND	2	28	1	2	3	31	.24	.024	5	233	1.96	111	.10	12	1.52	.03	.11	1	6	2
L2400S 225E	1	9	5	34	.1	250	15	257	1.88	4	5	ND	3	19	1	2	3	27	.16	.019	5	173	1.29	88	.09	6	1.11	.02	.06	1	4	2
L2400S 250E	1	8	7	33	.1	304	20	261	2.12	3	5	ND	2	21	1	2	3	31	.17	.016	5	212	1.66	70	.10	6	1.21	.02	.05	1	1	2
L2400S 275E	1	9	8	45	.1	339	22	532	2.35	3	5	ND	1	26	1	2	2	31	.21	.021	5	250	1.72	164	.09	13	1.03	.02	.05	2	5	2
L2400S 300E	1	17	9	37	.1	366	24	337	2.41	3	5	ND	2	21	1	2	2	34	.17	.019	6	254	2.08	92	.10	14	1.36	.03	.05	1	4	2
L2400S 325E	1	13	7	43	.1	286	18	391	1.79	5	5	ND	2	28	1	2	2	24	.21	.056	5	155	1.32	207	.09	8	1.54	.03	.05	2	1	2
L2400S 350E	1	13	11	54	.2	430	28	502	2.50	4	5	ND	2	33	1	2	2	34	.26	.040	6	264	2.28	150	.09	14	1.42	.03	.06	1	3	2
STD C/AU-S	20	59	38	134	7.1	64	28	1017	3.96	37	16	7	34	50	17	18	20	65	.48	.103	36	58	.88	188	.09	35	1.71	.07	.16	14	51	99

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Pt** PPB
L2400S 375E	1	8	8	39	.1	449	19	337	1.75	5	5	ND	1	48	1	2	2	21	.42	.057	3	201	1.47	281	.08	5	1.40	.03	.05	1	5	2
L2400S 400E	1	9	8	43	.3	270	15	364	1.65	8	5	ND	1	34	1	2	4	23	.24	.076	4	130	1.05	204	.09	8	1.40	.03	.08	2	1	2
L2500S 1100W	1	37	14	150	.2	55	10	1120	2.38	9	5	ND	2	61	1	3	2	44	.75	.150	10	28	.47	197	.13	6	1.89	.04	.12	1	7	2
L2500S 1075W	1	23	11	76	.1	45	8	619	2.05	3	5	ND	2	33	1	2	2	39	.34	.079	10	24	.38	122	.12	2	1.78	.03	.10	1	1	2
L2500S 1050W	1	27	7	78	.3	46	10	573	2.58	4	5	ND	3	37	1	2	2	50	.39	.069	14	31	.45	136	.14	2	2.25	.04	.11	1	1	2
L2500S 1025W	1	40	13	131	.1	127	15	907	2.89	12	5	ND	4	47	1	2	2	56	.63	.135	13	43	.67	143	.15	4	2.16	.04	.13	1	1	2
L2500S 1000W	1	31	18	134	.2	123	14	976	2.45	12	5	ND	3	52	1	2	3	41	.77	.151	10	31	.57	157	.14	10	2.36	.04	.12	1	1	2
L2500S 975W	1	46	20	136	.1	146	16	1625	2.33	8	5	ND	1	67	1	2	3	37	.81	.076	9	27	.51	166	.11	3	1.99	.03	.10	1	1	2
L2500S 950W	1	36	14	84	.3	238	18	701	2.78	8	5	ND	2	62	1	2	2	54	.78	.110	8	71	.80	216	.12	8	1.48	.04	.23	1	5	2
L2500S 925W	1	33	10	63	.1	160	15	498	2.96	6	5	ND	3	42	1	2	2	60	.45	.078	11	56	.89	136	.15	2	1.76	.03	.24	1	2	2
L2500S 900W	1	30	8	81	.2	201	11	445	1.99	6	5	ND	2	29	1	2	2	34	.29	.089	8	39	.50	131	.11	5	1.58	.03	.11	1	1	2
L2500S 875W	1	31	7	120	.3	123	9	899	1.34	5	5	ND	2	50	1	2	3	18	.32	.247	5	26	.32	299	.08	7	1.47	.03	.08	1	1	2
L2500S 850W	1	12	12	43	.1	338	18	493	2.09	7	5	ND	2	37	1	2	3	29	.25	.071	8	83	.80	214	.11	5	1.76	.03	.12	2	1	2
L2500S 825W	1	26	9	64	.2	485	28	1156	2.15	11	5	ND	1	60	1	2	2	30	.43	.131	6	113	1.19	321	.09	3	1.34	.03	.12	1	1	2
L2500S 800W	1	28	27	58	.1	162	12	1233	2.30	8	5	ND	2	41	1	2	2	31	.52	.027	9	92	.81	186	.09	7	1.63	.03	.18	1	1	2
L2500S 775W	1	19	9	41	.1	167	10	397	1.76	9	6	ND	2	44	1	2	3	25	.44	.092	7	53	.47	141	.12	8	2.18	.04	.13	1	4	2
L2500S 750W	1	69	19	87	.1	42	6	706	1.35	8	5	ND	2	42	1	2	3	22	.35	.089	5	16	.24	255	.11	6	1.78	.04	.13	1	1	2
L2500S 725W	1	16	19	51	.1	194	10	466	2.23	7	6	ND	3	46	1	2	6	31	.30	.078	7	68	.67	220	.16	8	2.91	.04	.11	1	1	2
L2500S 700W	1	9	6	34	.1	268	12	236	2.07	7	5	ND	2	34	1	2	3	27	.28	.022	6	98	.71	126	.13	9	1.83	.03	.12	1	2	2
L2500S 675W	1	15	21	58	.1	580	28	649	2.31	10	5	ND	1	56	1	2	2	22	.42	.064	4	140	1.45	277	.09	18	1.50	.04	.11	1	1	2
L2500S 650W	1	11	12	53	.1	796	53	810	4.31	10	5	ND	2	54	1	2	4	24	.49	.038	4	341	2.90	202	.09	19	1.26	.03	.14	2	1	2
L2500S 625W	1	43	12	40	.1	614	36	322	3.80	9	5	ND	1	25	1	2	2	23	.22	.018	4	269	3.01	65	.07	21	.82	.03	.06	2	11	2
L2500S 600W	1	16	15	44	.2	669	38	387	3.71	4	5	ND	3	40	1	2	3	51	.37	.027	7	259	2.08	59	.13	4	1.34	.04	.11	2	12	3
L2500S 575W	1	25	9	56	.1	768	32	354	2.84	7	5	ND	4	62	1	2	3	42	.40	.049	12	156	1.51	180	.16	6	2.59	.04	.07	1	2	2
L2500S 550W	1	22	20	56	.1	288	15	736	2.22	7	5	ND	3	42	1	2	4	38	.31	.091	8	79	.73	193	.14	3	1.99	.03	.11	1	1	2
L2500S 525W	1	244	13	50	.1	225	17	501	1.86	5	5	ND	3	32	1	2	2	29	.22	.083	9	58	.52	144	.13	3	2.15	.03	.09	1	1	2
L2500S 475W	1	40	12	92	.1	44	7	1706	1.71	7	5	ND	1	183	1	2	2	22	1.06	.508	8	22	.27	499	.10	9	1.89	.04	.09	1	1	2
L2500S 450W	1	26	34	129	.1	93	8	3865	2.19	15	5	ND	2	125	1	2	2	31	.80	.170	9	45	.51	440	.10	11	2.15	.03	.18	1	3	2
L2500S 425W	1	17	15	77	.2	232	15	1495	2.73	10	5	ND	4	52	1	3	3	43	.41	.083	8	98	.80	185	.13	6	2.51	.02	.10	1	2	2
L2500S 400W	1	18	12	60	.1	115	9	1210	1.95	16	5	ND	2	21	1	2	3	32	.17	.085	7	48	.45	169	.12	4	2.06	.03	.06	1	1	2
L2500S 375W	1	23	17	65	.1	110	9	880	2.50	9	5	ND	4	87	1	2	3	38	.50	.230	11	50	.54	195	.14	7	2.67	.03	.13	1	8	2
L2500S 350W	1	57	10	59	.1	99	8	466	1.46	9	5	ND	2	40	1	2	4	21	.27	.189	5	27	.24	259	.12	2	1.96	.04	.08	1	1	2
L2500S 325W	1	21	7	59	.1	340	15	345	2.16	6	5	ND	3	43	1	2	2	33	.27	.059	7	105	.74	271	.12	8	1.90	.04	.10	1	2	2
L2500S 300W	1	16	11	63	.1	373	17	826	2.03	8	5	ND	2	39	1	2	4	30	.31	.151	7	95	.60	291	.11	3	1.67	.03	.09	1	1	2
L2500S 275W	1	19	9	50	.1	426	20	438	2.21	8	5	ND	2	33	1	2	3	28	.24	.066	8	150	1.01	252	.11	12	1.90	.03	.10	1	1	2
L2500S 250W	1	15	8	42	.1	239	12	467	1.59	4	5	ND	1	34	1	2	4	22	.27	.072	5	86	.61	211	.09	10	1.50	.03	.12	1	1	2
STD C/AU-S	21	60	38	135	6.9	70	30	1022	3.98	39	16	8	34	50	16	15	20	65	.48	.100	37	59	.88	190	.09	38	1.71	.07	.16	13	50	100

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Pt** PPB
L2500S 225W	1	25	9	48	.1	567	27	438	3.35	7	5	ND	2	31	1	3	2	44	.35	.025	7	271	2.20	147	.12	11	2.02	.03	.12	1	2	3
L2500S 200W	1	24	15	40	.1	440	21	406	3.15	4	5	ND	3	34	1	2	5	37	.31	.024	7	247	1.74	203	.11	6	2.02	.02	.11	1	5	2
L2500S 175W	1	28	9	51	.2	707	30	699	2.61	4	5	ND	1	49	1	3	5	24	.37	.047	5	170	1.54	224	.09	14	1.81	.03	.08	1	9	2
L2500S 150W	1	12	10	71	.1	624	20	253	1.79	3	5	ND	1	43	1	2	2	18	.30	.103	5	98	1.01	242	.09	17	1.47	.04	.09	1	3	2
L2500S 125W	1	22	6	38	.1	242	10	139	1.63	3	5	ND	3	32	1	4	2	21	.24	.044	5	41	.40	164	.14	6	2.63	.04	.07	1	2	2
L2500S 100W	1	48	2	48	.1	413	15	239	1.82	5	5	ND	2	39	1	2	2	24	.31	.088	6	118	1.13	185	.12	13	2.23	.04	.12	1	1	2
L2500S 75W	1	44	11	54	.2	488	22	352	2.32	5	5	ND	3	31	1	3	4	32	.26	.033	7	132	1.19	216	.13	11	2.16	.03	.08	1	5	2
L2500S 50W	1	42	13	51	.1	614	24	368	2.39	4	5	ND	2	27	1	2	2	28	.20	.029	5	177	1.76	174	.10	9	1.91	.03	.06	1	10	2
L2500S 25W	1	21	8	60	.2	924	51	753	3.32	9	5	ND	2	23	1	2	4	35	.19	.034	7	360	3.35	157	.10	15	1.84	.03	.06	1	5	2
L2500S 0W	1	9	4	41	.1	379	19	317	2.33	3	5	ND	2	24	1	2	2	31	.19	.015	7	159	1.28	117	.11	4	1.89	.02	.05	1	2	2
L2500S 25E	1	16	9	38	.1	315	17	373	2.29	3	5	ND	2	24	1	2	2	29	.21	.018	7	178	1.19	131	.09	4	1.29	.02	.06	1	4	2
L2500S 50E	1	9	5	35	.1	402	19	234	2.03	4	5	ND	2	24	1	2	2	24	.17	.032	5	162	1.43	136	.11	16	1.97	.03	.06	1	3	2
L2500S 75E	1	14	3	47	.2	428	20	269	2.25	6	5	ND	2	27	1	2	2	26	.18	.074	5	188	1.57	217	.11	8	2.17	.03	.07	1	5	2
L2500S 100E	1	14	8	49	.1	270	16	617	1.77	4	5	ND	1	40	1	2	2	22	.27	.089	5	121	1.11	229	.09	6	1.59	.03	.08	1	4	2
L2500S 125E	1	446	13	54	.1	308	30	501	1.79	9	5	ND	1	30	1	2	4	22	.22	.068	4	122	1.09	206	.09	7	1.71	.03	.09	1	2	2
L2500S 150E	1	11	7	40	.1	256	14	551	2.16	6	5	ND	2	28	1	2	2	29	.25	.027	5	162	1.22	138	.08	7	1.08	.02	.07	1	4	2
L2500S 175E	1	21	11	83	.1	415	24	894	2.44	4	5	ND	1	36	1	2	2	20	.32	.059	4	205	1.16	236	.06	12	.98	.03	.09	1	1	2
L2500S 200E	1	13	6	36	.1	544	23	302	2.87	6	5	ND	3	25	1	2	3	35	.21	.017	5	312	2.78	83	.09	15	1.18	.03	.08	1	5	2
L2500S 225E	1	12	10	35	.1	479	24	410	2.65	6	5	ND	2	26	1	2	2	34	.22	.021	6	265	2.35	93	.09	13	1.33	.02	.07	1	1	2
L2500S 250E	1	115	11	34	.1	382	25	277	2.44	6	5	ND	2	25	1	2	2	31	.23	.026	6	238	1.73	74	.09	4	1.14	.02	.08	1	1	9
L2500S 275E	1	13	6	35	.1	493	27	447	2.76	8	5	ND	2	29	1	2	2	29	.26	.024	6	311	2.37	106	.08	9	1.17	.02	.12	1	1	2
L2500S 300E	1	13	10	40	.1	461	25	617	2.33	4	5	ND	2	33	1	2	2	23	.27	.024	5	259	2.05	182	.07	14	1.07	.02	.11	1	1	2
L2600S 1000W	1	50	38	139	.2	59	12	2102	3.21	12	5	ND	1	60	1	2	2	38	.86	.112	13	36	.53	208	.06	8	1.99	.03	.17	1	1	2
L2600S 975W	1	37	14	86	.1	104	13	971	3.02	4	5	ND	3	55	1	2	2	45	.59	.071	14	40	.66	226	.14	5	2.99	.04	.26	1	1	2
L2600S 950W	1	46	12	78	.1	257	23	815	3.21	10	5	ND	2	54	1	2	2	53	.63	.078	16	69	.96	155	.12	7	2.09	.03	.23	1	1	2
L2600S 925W	1	47	14	105	.2	164	18	833	2.68	7	5	ND	1	71	1	2	2	43	.93	.178	11	47	.70	201	.10	10	1.84	.03	.19	1	1	2
L2600S 900W	1	36	10	77	.2	42	11	896	2.74	4	5	ND	1	62	1	2	3	47	.82	.110	12	35	.43	167	.08	5	1.62	.03	.17	1	1	2
L2600S 875W	1	29	7	84	.2	71	10	764	2.48	5	5	ND	2	49	1	2	2	44	.58	.100	11	48	.48	153	.09	5	1.49	.03	.18	1	34	2
L2600S 850W	1	33	13	20	.2	94	10	986	.90	5	5	ND	1	75	1	2	2	16	1.06	.059	4	38	.69	202	.04	21	.64	.04	.09	1	2	2
L2600S 825W	1	22	15	61	.3	904	46	785	2.88	16	5	ND	2	59	1	2	3	25	.49	.083	6	268	3.78	175	.08	12	1.86	.03	.14	1	2	2
L2600S 800W	1	22	5	32	.1	453	20	355	3.15	6	5	ND	3	34	1	2	2	48	.36	.041	9	198	1.36	71	.11	6	1.43	.03	.10	1	16	2
L2600S 775W	1	13	9	34	.1	357	19	276	3.03	4	5	ND	3	32	1	2	2	41	.27	.012	8	203	1.12	85	.12	10	1.56	.03	.12	1	1	2
L2600S 750W	1	7	8	24	.1	528	16	160	1.50	9	5	ND	1	50	1	2	2	15	.29	.050	3	64	.76	117	.10	10	1.97	.05	.05	1	1	2
L2600S 725W	1	8	15	34	.2	744	28	319	2.58	5	5	ND	1	44	1	2	3	20	.30	.032	4	174	1.66	182	.13	9	2.24	.04	.08	2	2	2
L2600S 700W	1	8	9	50	.1	773	37	353	2.78	3	5	ND	2	31	1	2	2	22	.32	.033	6	166	2.47	94	.10	27	1.64	.03	.10	1	1	2
L2600S 650W	1	14	9	46	.1	823	53	866	3.67	11	5	ND	1	61	1	3	2	12	.45	.047	3	353	7.50	221	.03	59	.54	.02	.08	1	1	2
STD C/AU-S	19	60	36	128	6.8	67	28	968	3.94	36	16	7	32	47	16	15	18	61	.48	.096	35	57	.85	179	.09	38	1.71	.07	.16	13	49	97

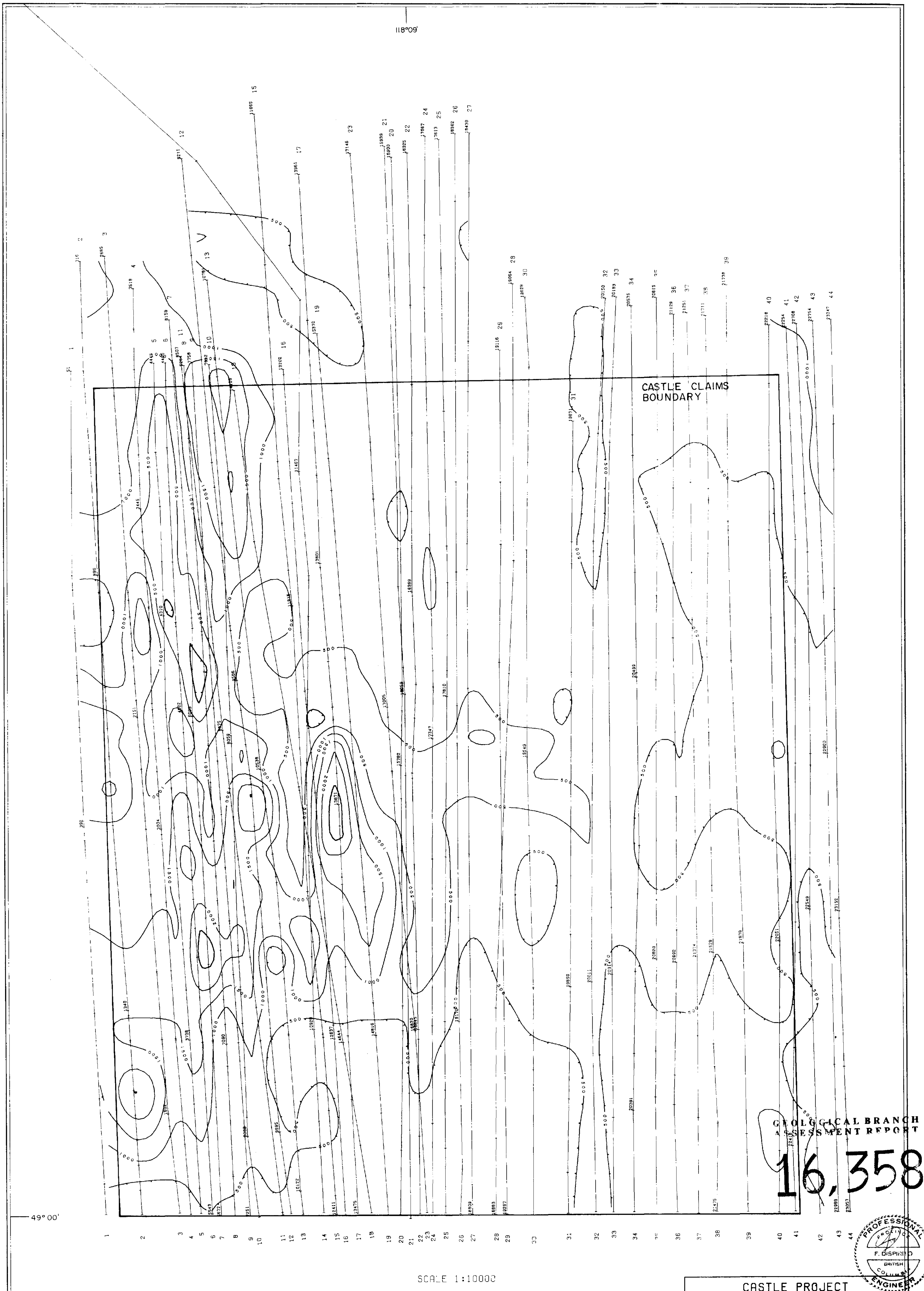
SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*	Pt**
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB	PPB
L2600S 625W	1	13	3	46	.1	852	57	752	2.99	3	5	ND	2	68	1	2	2	33	.42	.019	6	170	2.63	141	.11	20	1.54	.04	.10	1	1	2
L2600S 600W	1	12	23	45	.1	311	22	966	1.82	3	5	ND	2	57	1	2	2	21	.31	.034	5	79	1.01	348	.07	10	.86	.03	.06	1	2	2
L2600S 575W	1	7	9	36	.1	289	15	496	1.54	2	5	ND	2	31	1	2	2	24	.21	.014	5	64	.63	192	.09	12	1.25	.03	.05	1	1	2
L2600S 550W	1	9	10	68	.1	686	19	248	1.74	3	5	ND	2	46	1	2	2	19	.23	.068	4	144	1.05	236	.09	17	1.60	.04	.10	1	1	2
L2600S 525W	1	10	17	47	.1	445	16	397	1.60	6	5	ND	2	43	1	2	2	26	.23	.088	5	74	.68	194	.11	11	1.54	.03	.10	2	1	2
L2600S 500W	1	10	8	63	.2	388	18	345	1.75	5	5	ND	3	42	1	2	2	25	.23	.168	6	70	.63	257	.11	11	1.63	.03	.07	1	2	2
L2600S 475W	1	9	5	66	.1	378	18	607	2.12	3	5	ND	3	38	1	2	2	32	.23	.109	7	97	.83	232	.12	10	1.69	.03	.09	1	1	2
L2600S 450W	1	10	12	90	.1	295	16	882	1.55	4	5	ND	2	54	1	2	2	23	.33	.178	6	52	.56	292	.10	11	1.42	.03	.11	1	1	2
L2600S 425W	1	10	16	41	.1	213	13	431	2.26	3	5	ND	3	38	1	2	2	35	.27	.032	8	103	.83	113	.11	2	1.63	.03	.13	1	1	2
L2600S 400W	1	16	12	51	.2	116	9	754	1.84	2	6	ND	3	44	1	2	3	30	.26	.077	8	42	.46	198	.13	3	2.22	.03	.09	1	2	2
L2600S 375W	1	19	15	75	.3	113	10	1426	2.41	2	5	ND	4	108	1	2	2	36	.34	.144	11	46	.54	307	.15	2	3.06	.03	.13	1	1	2
L2600S 350W	1	17	20	63	.1	105	10	1623	2.10	7	5	ND	3	59	1	2	2	34	.58	.087	9	44	.42	221	.14	5	2.26	.03	.12	1	1	2
L2600S 325W	1	16	15	70	.2	95	8	962	2.43	7	5	ND	4	55	1	2	2	37	.35	.062	9	39	.56	201	.14	5	2.68	.03	.13	1	15	2
L2600S 300W	1	13	8	72	.2	284	16	824	2.62	23	5	ND	3	58	1	2	2	37	.21	.093	6	74	.82	288	.10	3	2.33	.03	.10	1	4	2
L2600S 275W	1	10	8	53	.2	111	6	453	1.33	6	5	ND	2	45	1	3	2	19	.28	.249	8	36	.24	199	.11	2	2.08	.04	.07	1	1	2
L2600S 250W	1	13	8	45	.1	133	10	312	2.17	3	5	ND	3	41	1	2	3	38	.21	.119	10	67	.57	148	.12	7	1.96	.03	.06	1	2	2
L2600S 225W	1	9	8	44	.1	118	9	934	1.52	7	5	ND	2	27	1	2	3	23	.15	.151	5	51	.38	255	.09	7	1.56	.02	.07	1	1	2
L2600S 200W	1	13	19	53	.1	267	13	548	1.64	4	5	ND	1	25	1	2	2	28	.19	.087	4	85	.59	186	.09	6	1.18	.03	.07	1	1	2
L2600S 175W	1	8	4	38	.1	293	13	496	1.65	5	6	ND	2	30	1	2	2	27	.24	.075	5	93	.52	234	.10	6	1.42	.03	.10	1	1	2
L2600S 150W	1	9	8	49	.1	183	11	462	1.99	6	5	ND	3	28	1	2	2	32	.16	.122	6	92	.61	179	.10	2	1.60	.02	.09	1	2	2
L2600S 125W	1	10	13	48	.2	141	8	517	1.49	8	5	ND	3	34	1	2	2	22	.24	.197	7	42	.31	250	.11	4	1.72	.03	.09	1	1	2
L2600S 100W	1	12	7	67	.1	122	9	949	1.69	7	5	ND	3	38	1	2	3	26	.26	.210	7	51	.41	307	.11	6	1.75	.03	.10	1	1	2
L2600S 75W	1	10	7	38	.1	355	17	367	2.25	5	5	ND	2	32	1	2	2	33	.20	.049	5	160	.95	171	.10	3	1.56	.03	.09	1	1	2
L2600S 50W	1	9	9	49	.1	173	10	625	1.80	4	5	ND	2	35	1	2	2	27	.26	.084	5	80	.59	233	.10	3	1.52	.02	.11	1	1	2
L2600S 25W	1	13	8	49	.1	332	21	617	2.98	7	5	ND	3	40	1	2	4	47	.29	.032	9	192	1.28	126	.12	4	1.77	.02	.12	1	1	2
L2600S 0W	1	13	10	44	.1	320	24	765	3.04	8	5	ND	3	37	1	2	2	47	.31	.043	9	179	1.37	112	.11	6	1.76	.02	.10	2	1	2
L2600S 25E	1	10	8	47	.1	260	15	589	2.49	6	5	ND	2	31	1	2	2	36	.26	.029	6	187	1.16	161	.10	4	1.22	.02	.11	2	2	2
L2600S 50E	1	8	7	46	.1	147	8	502	1.37	9	5	ND	2	33	1	2	2	21	.23	.117	5	48	.39	255	.10	4	1.43	.03	.07	1	1	2
L2600S 75E	1	11	6	39	.2	232	11	412	1.58	6	5	ND	2	30	1	2	2	24	.22	.077	6	66	.53	216	.12	3	1.92	.04	.07	1	1	2
L2600S 100E	1	13	17	62	.1	238	15	1354	1.97	8	5	ND	2	43	1	2	2	29	.30	.055	6	129	.87	324	.09	4	1.31	.03	.07	1	1	2
L2600S 125E	1	10	8	39	.1	322	16	248	2.20	6	5	ND	3	35	1	2	2	31	.22	.067	7	154	1.20	200	.11	5	1.92	.03	.09	1	1	2
L2600S 150E	1	9	7	40	.1	211	12	329	1.89	5	5	ND	2	29	1	2	2	28	.18	.101	5	115	.81	179	.09	6	1.62	.03	.07	1	2	2
L2600S 175E	1	11	2	43	.1	304	13	196	1.86	3	5	ND	2	29	1	2	2	27	.17	.029	5	128	.93	178	.09	4	1.38	.03	.08	1	1	2
L2600S 200E	1	8	2	28	.1	349	16	274	1.81	2	5	ND	2	24	1	2	3	25	.19	.022	4	159	.95	95	.09	7	1.23	.03	.10	1	1	2
L2600S 225E	1	9	7	41	.1	429	16	282	1.77	7	5	ND	2	42	1	2	2	23	.23	.191	5	115	.92	294	.10	5	1.67	.04	.08	1	3	2
L2600S 250E	1	10	6	65	.1	929	42	590	2.85	7	5	ND	3	29	1	2	2	34	.17	.072	7	279	2.32	122	.11	16	1.81	.03	.06	1	1	2
STD C/AU-S	21	62	36	139	7.2	67	30	1052	3.98	38	16	8	36	52	16	15	21	67	.48	.106	38	61	.88	185	.10	35	1.71	.07	.17	13	49	98

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Pt** PPB
L2600S 275E	1	9	7	39	.1	368	17	248	2.21	3	5	ND	2	26	1	2	2	33	.17	.031	4	159	1.24	165	.11	9	1.65	.03	.07	1	3	2
L2600S 300E	1	9	6	29	.2	194	11	376	1.90	5	6	ND	2	26	1	2	2	27	.20	.025	5	135	.94	120	.09	9	1.16	.03	.09	1	20	2
L2700S 0E	1	9	9	31	.1	208	12	311	1.67	6	5	ND	2	42	1	2	2	25	.23	.034	6	58	.55	226	.12	6	2.04	.04	.05	1	1	2
L2700S 25E	1	17	12	115	.1	162	11	1410	2.24	5	5	ND	2	57	1	2	2	31	.42	.287	9	54	.56	420	.12	5	2.11	.03	.12	1	1	2
L2700S 50E	1	15	14	62	.1	102	9	547	2.22	5	7	ND	4	28	1	2	2	36	.23	.232	11	31	.37	183	.18	12	3.65	.03	.07	1	2	2
L2700S 75E	1	13	16	173	.1	34	6	1983	1.54	8	5	ND	1	48	1	2	3	25	.33	.206	5	17	.20	402	.11	5	1.25	.03	.09	1	1	2
L2700S 100E	1	13	11	68	.1	111	8	678	2.06	5	6	ND	3	38	1	2	2	30	.27	.113	10	58	.49	218	.15	9	2.72	.04	.08	1	4	2
L2700S 125E	1	9	10	81	.1	192	10	737	1.81	9	5	ND	2	47	1	2	2	25	.33	.206	6	69	.56	341	.11	8	1.87	.03	.11	1	1	2
L2700S 150E	1	19	7	58	.2	300	17	332	2.36	6	6	ND	3	35	1	2	2	37	.21	.112	9	114	1.24	90	.13	4	2.57	.03	.06	1	69	2
L2700S 175E	1	9	15	60	.3	183	10	783	1.81	6	5	ND	2	34	1	2	2	27	.23	.157	7	55	.59	237	.11	6	2.10	.02	.07	1	3	2
L2700S 200E	1	8	9	59	.1	253	13	536	1.80	6	5	ND	2	39	1	2	2	25	.24	.126	6	75	.82	220	.11	5	1.93	.03	.07	1	2	2
L2700S 225E	1	9	9	57	.1	187	10	357	1.73	5	5	ND	2	29	1	2	2	25	.20	.158	5	58	.49	172	.11	7	1.92	.03	.09	1	1	2
L2700S 250E	1	7	10	45	.1	179	9	411	1.51	7	5	ND	2	29	1	2	2	21	.22	.151	4	47	.47	169	.10	4	1.60	.03	.06	2	2	2
L2700S 275E	1	5	7	37	.1	232	12	442	2.16	6	5	ND	1	29	1	2	2	31	.18	.031	5	127	1.07	122	.09	8	1.00	.02	.05	1	4	2
L2700S 300E	1	10	12	44	.1	218	12	552	1.75	5	5	ND	2	45	1	2	2	25	.28	.139	6	79	.77	203	.10	9	1.68	.03	.09	1	1	2
L2700S 325E	1	11	10	43	.2	99	7	508	1.45	5	5	ND	2	29	1	2	2	20	.15	.250	5	43	.40	197	.11	6	2.10	.04	.05	1	1	2
L2700S 350E	1	10	7	39	.1	133	9	401	1.58	7	5	ND	2	37	1	2	2	24	.22	.153	6	74	.57	221	.09	7	1.51	.04	.08	1	1	2
L2700S 375E	1	9	14	53	.1	167	9	486	1.70	9	5	ND	2	33	1	2	2	25	.23	.163	5	72	.65	197	.10	8	1.60	.03	.08	1	10	2
L2700S 400E	1	8	5	46	.1	214	12	461	1.63	9	5	ND	1	48	1	2	2	25	.32	.129	5	75	.61	229	.09	7	1.35	.03	.08	1	2	2
L2750S 4000W	1	9	9	50	.1	6	6	285	2.20	2	5	ND	1	14	1	2	2	52	.15	.050	3	7	.20	63	.15	2	1.92	.03	.04	1	6	2
L2750S 3950W	1	6	4	37	.2	6	5	215	1.84	2	5	ND	1	43	1	2	2	35	.31	.029	5	9	.16	155	.12	6	2.39	.05	.05	1	3	2
L2750S 3900W	1	10	4	42	.1	5	7	174	2.34	3	5	ND	2	16	1	2	2	51	.20	.051	4	9	.21	66	.16	2	2.43	.04	.05	1	1	2
L2750S 3850W	1	9	7	25	.1	4	5	312	1.96	2	5	ND	1	29	1	2	2	41	.24	.017	6	6	.10	143	.12	3	2.22	.04	.05	1	3	2
L2750S 3800W	1	9	6	34	.1	7	6	119	1.98	2	5	ND	2	14	1	2	2	43	.12	.053	3	9	.13	94	.15	2	2.56	.04	.05	1	1	2
L2750S 3750W	1	10	3	47	.1	6	5	195	1.78	3	5	ND	2	13	1	2	2	37	.15	.082	4	8	.13	80	.14	2	2.25	.04	.04	1	3	2
L2750S 3700W	1	11	6	60	.1	6	7	290	2.66	4	5	ND	2	13	1	3	2	60	.17	.067	3	9	.25	70	.16	3	2.70	.04	.05	1	1	2
L2750S 3650W	1	9	5	31	.1	4	4	75	1.61	2	5	ND	1	12	1	2	2	33	.11	.087	3	7	.07	49	.13	2	2.46	.03	.02	1	11	2
L2750S 3600W	1	9	8	31	.1	4	4	65	2.05	3	5	ND	2	14	1	2	2	41	.11	.083	3	10	.09	48	.12	2	2.99	.04	.03	1	4	2
L2750S 3550W	1	10	3	29	.1	3	3	191	1.90	3	5	ND	2	9	1	2	2	36	.07	.138	3	9	.06	52	.14	4	3.23	.03	.03	1	15	2
L2750S 3500W	1	14	9	52	.2	7	7	242	2.62	5	6	ND	2	15	1	2	2	55	.18	.100	5	9	.31	67	.15	5	2.79	.03	.05	1	6	2
L2800S 0E	1	12	8	59	.1	139	7	618	1.51	9	5	ND	2	67	1	2	3	19	.40	.387	6	52	.35	347	.13	9	2.40	.04	.10	1	1	2
L2800S 25E	1	9	8	47	.1	91	7	465	1.34	6	5	ND	1	37	1	2	2	21	.21	.178	5	34	.32	252	.09	8	1.37	.03	.10	1	1	2
L2800S 50E	1	9	9	56	.1	147	9	381	1.71	5	5	ND	1	32	1	2	2	28	.21	.111	6	57	.51	222	.10	8	1.40	.03	.08	1	1	2
L2800S 75E	1	9	8	50	.1	251	13	488	1.69	10	5	ND	2	28	1	2	4	25	.18	.098	5	66	.74	203	.09	8	1.34	.03	.08	1	2	2
L2800S 100E	1	9	5	49	.1	160	10	347	1.60	5	5	ND	2	33	1	2	2	23	.23	.081	6	41	.54	217	.11	8	1.68	.03	.08	1	1	2
L2800S 125E	1	7	6	56	.1	627	30	466	2.88	8	5	ND	2	35	1	2	2	32	.26	.030	6	117	1.82	170	.10	14	1.38	.03	.08	1	1	2
STD C/AU-S	20	62	36	135	6.9	65	30	1022	3.96	38	17	8	34	50	17	15	21	65	.48	.099	37	59	.88	190	.09	33	1.71	.07	.16	13	49	97

SHANGRI-LA MINERALS PROJECT - CASTLE FILE # 87-0111

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Pt** PPB
L2800S 150E	1	10	13	48	.1	308	16	312	2.14	9	5	ND	2	24	1	2	4	32	.18	.125	6	79	.91	229	.12	7	1.96	.03	.08	2	18	2
L2800S 175E	1	8	10	47	.2	198	12	461	1.82	6	5	ND	2	33	1	2	5	27	.22	.121	6	57	.63	196	.11	2	1.80	.03	.08	2	2	2
L2800S 200E	1	10	10	48	.1	300	12	421	1.81	7	5	ND	1	40	1	2	4	24	.26	.138	5	67	.72	223	.10	8	1.64	.03	.09	1	1	2
L2800S 225E	1	10	11	38	.1	292	14	351	2.16	2	5	ND	2	30	1	2	3	32	.23	.032	5	97	1.03	148	.10	3	1.42	.03	.07	1	1	2
L2800S 250E	1	6	13	48	.1	248	12	336	2.13	4	5	ND	1	27	1	2	3	33	.21	.043	5	86	.97	150	.10	8	1.48	.02	.09	1	160	2
L2800S 275E	1	7	14	76	.1	153	9	637	1.47	6	5	ND	1	24	1	2	4	24	.19	.061	4	46	.53	169	.09	2	1.09	.03	.07	1	2	2
L2800S 300E	1	8	8	49	.1	302	15	443	2.15	3	5	ND	2	35	1	2	2	29	.21	.044	6	94	1.03	248	.11	10	1.84	.03	.08	1	1	2
L2800S 325E	1	9	9	38	.1	380	20	398	2.73	5	5	ND	3	27	1	2	3	39	.22	.037	7	151	1.75	112	.11	9	1.45	.03	.08	2	5	2
L2800S 350E	1	11	10	49	.4	298	17	648	2.13	5	5	ND	3	37	1	2	2	30	.27	.094	6	92	1.09	213	.10	5	1.77	.03	.12	2	4	2
L2800S 375E	1	10	12	41	.1	197	12	465	1.83	3	5	ND	2	32	1	2	3	27	.22	.078	7	71	.75	187	.10	4	1.73	.03	.09	1	1	2
L2800S 400E	1	12	9	38	.1	385	17	550	2.38	2	6	ND	2	30	1	2	3	30	.22	.025	4	114	1.55	116	.09	8	1.05	.03	.08	1	3	2
L2800S 425E	1	12	16	45	.3	261	14	499	2.11	7	5	ND	3	45	1	2	2	29	.29	.114	7	76	.79	224	.12	8	2.13	.04	.10	1	1	2
L2800S 450E	1	9	7	35	.1	591	19	210	2.37	2	5	ND	3	33	1	2	3	29	.22	.025	7	107	1.33	120	.12	11	2.04	.04	.09	1	1	2
L2800S 475E	1	6	6	36	.1	432	17	318	1.58	2	5	ND	2	30	1	2	5	19	.22	.058	4	58	.77	199	.10	9	1.53	.04	.11	2	1	2
L2800S 500E	1	17	17	47	.2	685	29	573	3.08	8	6	ND	4	37	1	2	2	35	.26	.032	14	151	2.41	178	.15	18	2.56	.03	.11	1	1	2
L2900S 0E	1	17	17	50	.1	631	31	658	2.95	7	5	ND	4	37	1	2	2	41	.29	.034	12	142	1.78	132	.14	23	2.08	.03	.14	2	1	2
L2900S 25E	1	29	24	54	.3	479	23	537	3.13	5	5	ND	5	33	1	2	4	48	.29	.030	15	132	1.83	152	.14	10	2.01	.03	.15	1	2	2
L2900S 50E	1	25	6	52	.2	518	24	509	2.85	6	5	ND	4	38	1	2	2	40	.35	.056	11	119	1.48	192	.13	14	2.09	.03	.18	1	1	2
L2900S 75E	1	28	17	56	.2	439	23	717	2.68	6	5	ND	4	39	1	2	2	40	.31	.074	10	103	1.16	237	.13	7	2.17	.03	.16	1	3	2
L2900S 100E	1	36	15	50	.1	401	23	622	2.68	4	5	ND	4	40	1	2	2	38	.30	.031	11	106	1.28	214	.13	10	1.89	.03	.16	2	1	3
L2900S 125E	1	25	13	48	.1	306	16	356	2.22	6	5	ND	3	36	1	2	2	32	.27	.041	9	74	.94	156	.12	12	1.79	.03	.14	1	1	2
L2900S 175E	1	36	7	40	.2	397	18	262	2.28	5	5	ND	3	29	1	2	3	32	.23	.026	6	110	1.53	106	.11	7	1.54	.03	.11	1	2	2
L2900S 200E	1	14	10	45	.1	313	16	327	2.25	5	5	ND	3	35	1	2	2	34	.27	.065	8	85	1.03	188	.12	7	1.92	.03	.07	2	1	2
L2900S 225E	1	11	3	45	.1	422	22	524	2.69	4	5	ND	3	33	1	2	2	36	.26	.034	8	128	1.56	150	.12	9	1.47	.03	.09	1	1	2
L2900S 250E	1	12	8	36	.1	292	16	522	2.20	4	5	ND	3	36	1	2	3	30	.28	.036	8	86	.98	173	.11	8	1.58	.03	.12	1	1	2
L2900S 275E	1	13	9	50	.1	255	16	827	2.06	6	5	ND	2	41	1	2	2	28	.35	.059	6	81	.95	241	.10	11	1.55	.03	.14	1	1	2
L2900S 300E	1	13	11	39	.1	384	23	744	2.67	2	5	ND	3	47	1	2	2	35	.41	.046	9	124	1.48	183	.11	14	1.55	.03	.17	2	1	2
L2900S 325E	1	10	6	32	.2	255	16	439	1.88	5	5	ND	2	24	1	2	2	25	.21	.029	6	87	1.03	99	.08	6	1.22	.02	.08	1	1	2
L2900S 350E	1	17	13	49	.1	407	24	568	2.91	4	5	ND	3	34	1	2	3	41	.30	.042	9	135	1.67	159	.13	10	1.72	.03	.11	1	1	2
L2900S 375E	1	12	8	46	.1	433	26	655	2.27	3	5	ND	2	31	1	2	3	30	.26	.041	8	100	1.30	157	.09	10	1.47	.02	.08	1	1	2
L2900S 400E	1	17	10	52	.1	569	34	692	3.19	9	5	ND	3	30	1	2	4	42	.25	.041	11	159	2.14	123	.13	8	1.95	.02	.09	1	1	2
L2900S 425E	1	34	9	88	.2	1088	75	1736	3.89	14	5	ND	1	81	1	2	2	20	.73	.097	5	202	2.65	354	.06	27	.95	.03	.10	1	10	2
L2900S 450E	1	13	11	39	.1	357	22	622	2.45	4	5	ND	2	35	1	2	2	31	.24	.027	8	119	1.37	156	.10	4	1.51	.02	.08	1	2	2
L2900S 475E	1	20	24	60	.1	623	39	1026	3.33	10	5	ND	3	36	1	2	2	38	.35	.072	10	173	2.31	204	.11	14	2.12	.02	.17	2	1	2
L2900S 500E	1	18	12	49	.1	536	32	780	2.91	5	5	ND	3	37	1	2	5	35	.30	.045	11	142	1.93	181	.12	11	2.06	.02	.13	2	5	2
L2900S 525E	1	19	15	53	.1	589	37	830	3.14	8	5	ND	4	42	1	2	2	37	.35	.052	10	160	2.05	197	.12	14	1.98	.02	.14	1	1	2
STD C/AU-S	20	60	40	133	6.9	68	29	1005	3.96	37	18	8	33	50	16	16	19	64	.48	.101	36	58	.88	187	.09	36	1.71	.07	.17	13	49	101

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Pt** PPB
L2900S 550E	1	19	13	60	.1	504	32	854	2.62	10	5	ND	3	44	1	2	3	33	.33	.075	14	77	1.07	227	.13	11	2.34	.02	.09	1	1	2
L2900S 575E	1	17	20	55	.1	595	38	1013	3.12	10	5	ND	3	49	1	2	2	37	.29	.046	14	138	1.71	208	.12	16	2.24	.02	.13	1	2	2
L2900S 600E	1	20	15	64	.1	451	31	881	3.02	8	5	ND	3	66	1	2	2	36	.35	.082	11	148	1.62	172	.10	12	1.89	.02	.15	1	4	2
L3000S 0E	1	11	15	38	.1	248	14	681	1.67	11	5	ND	1	38	1	2	4	20	.26	.095	6	53	.48	245	.11	6	2.03	.03	.07	3	1	2
L3000S 25E	1	9	7	37	.1	273	14	350	1.81	8	5	ND	2	30	1	3	4	19	.19	.124	5	53	.47	165	.12	7	2.04	.03	.07	2	1	2
L3000S 50E	1	9	13	45	.1	376	23	599	2.44	12	5	ND	1	33	1	3	2	29	.22	.049	6	108	1.10	226	.11	9	1.98	.02	.12	1	1	2
L3000S 75E	1	10	13	44	.2	508	15	338	1.89	15	5	ND	3	55	1	2	3	25	.40	.195	7	57	.55	165	.14	12	2.49	.03	.08	2	1	2
L3000S 100E	1	12	15	46	.1	318	13	371	1.92	20	5	ND	1	25	1	2	2	21	.14	.137	5	56	.51	227	.12	6	2.03	.03	.06	3	1	2
L3000S 125E	1	9	9	48	.2	462	19	575	2.46	12	5	ND	3	37	1	2	3	35	.23	.073	8	81	.94	247	.13	12	2.15	.02	.09	3	520	2
L3000S 150E	1	12	11	73	.1	253	12	768	1.53	8	5	ND	1	40	1	2	4	20	.23	.146	4	33	.45	332	.09	5	1.19	.02	.09	1	1	2
L3000S 175E	1	26	33	80	.1	744	41	1301	2.11	23	5	ND	1	68	1	2	4	19	.34	.121	5	84	1.68	382	.07	26	1.15	.03	.08	1	76	2
L3000S 200E	1	20	20	36	.2	548	33	1117	2.12	9	5	ND	2	76	1	3	2	21	.56	.034	6	134	2.08	399	.09	21	1.65	.02	.12	2	4	2
L3000S 225E	1	12	12	45	.1	1192	63	850	2.92	8	6	ND	3	38	1	2	2	22	.26	.026	11	138	3.27	209	.11	32	2.16	.03	.12	2	1	2
L3000S 250E	1	13	13	37	.1	881	41	611	2.36	9	5	ND	2	45	1	2	4	20	.32	.050	7	82	1.53	203	.10	14	2.02	.03	.08	2	1	2
L3000S 275E	1	16	13	40	.1	768	42	605	3.08	9	5	ND	5	39	1	2	2	32	.32	.028	10	148	2.24	168	.11	24	1.88	.03	.11	1	1	2
L3000S 300E	1	17	13	48	.1	507	39	1113	2.76	11	5	ND	1	36	1	2	2	24	.32	.061	5	111	1.77	235	.08	14	1.28	.02	.07	1	1	2
L3000S 325E	1	20	13	48	.1	772	46	811	3.33	5	5	ND	3	46	1	2	2	30	.38	.040	9	202	2.39	254	.12	16	2.01	.02	.18	1	1	2
L3000S 350E	1	11	15	33	.1	271	19	587	1.83	2	5	ND	2	42	1	2	2	21	.26	.022	8	98	1.63	189	.10	4	1.28	.01	.11	1	1	2
L3000S 375E	1	13	8	40	.1	445	30	926	2.66	4	5	ND	3	44	1	2	2	29	.40	.029	8	155	1.59	204	.08	11	1.18	.02	.12	2	10	2
L3000S 400E	1	10	6	38	.1	598	33	572	2.68	7	5	ND	3	36	1	2	2	26	.31	.034	8	133	1.53	165	.10	18	1.69	.02	.12	2	1	2
L3000S 425E	1	15	8	49	.1	1011	52	639	3.42	7	5	ND	4	34	1	2	3	29	.28	.035	10	182	3.25	146	.10	28	1.82	.02	.17	2	2	2
L3000S 450E	1	16	21	45	.1	588	40	842	2.97	8	5	ND	2	31	1	2	2	30	.33	.039	6	160	2.18	143	.08	16	1.16	.02	.13	2	1	2
L3000S 475E	1	13	11	42	.1	596	34	546	3.11	9	5	ND	4	29	1	2	2	36	.26	.022	11	142	2.23	148	.12	19	1.81	.02	.07	1	3	3
L3000S 500E	1	19	11	48	.1	987	55	802	3.81	14	5	ND	2	27	1	2	2	32	.25	.039	7	250	4.39	113	.07	30	1.39	.02	.08	3	1	2
L3000S 525E	1	13	9	38	.1	561	37	693	2.97	10	5	ND	3	29	1	2	4	29	.26	.033	8	162	2.06	127	.09	15	1.37	.02	.13	1	1	2
L3000S 550E	1	14	10	41	.1	710	37	641	3.39	7	5	ND	4	37	1	2	7	31	.27	.022	10	195	2.66	165	.11	16	1.96	.02	.15	2	29	2
L3000S 575E	1	12	8	63	.2	394	17	729	1.73	4	5	ND	1	46	1	2	2	19	.30	.092	5	109	.84	293	.08	7	1.26	.02	.11	1	1	2
L3000S 600E	1	12	9	48	.1	318	18	672	1.97	3	5	ND	2	21	1	2	3	20	.16	.044	4	94	.93	198	.08	5	1.37	.02	.07	1	1	2
STD C/AU-S	20	59	40	135	6.9	69	29	1022	3.99	39	18	7	34	50	17	18	18	65	.48	.104	36	59	.88	190	.09	37	1.72	.07	.16	13	52	95



BASE VALUE: 57000 GAMMAS
CONTOUR INTERVAL: 500 GAMMAS

TO ACCOMPANY REPORT BY
F. DISPIRITO, P.ENG.

CASTLE PROJECT

FOR: NITRO RESOURCES INC.

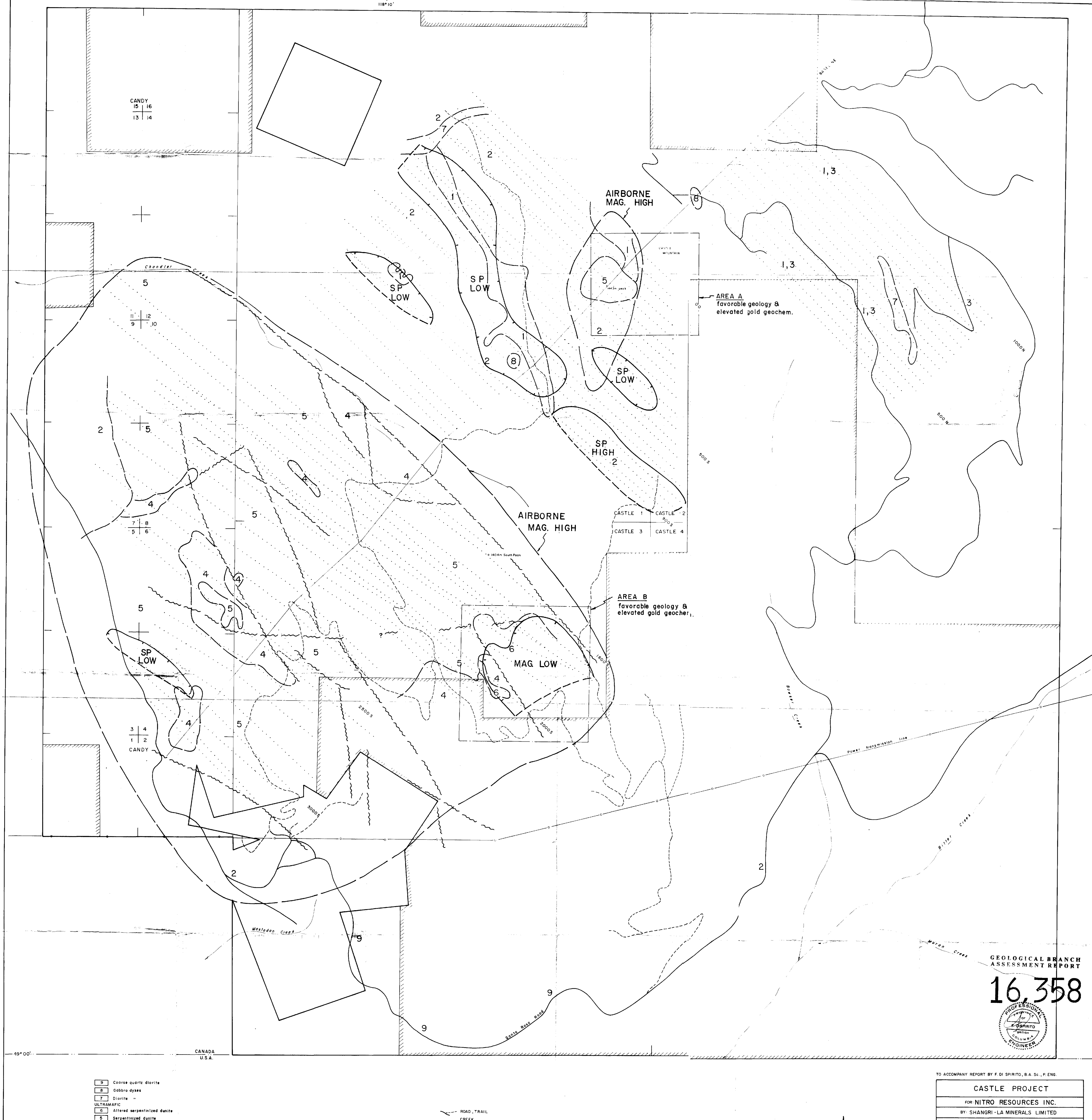
BY: SHANGRI-LA MINERALS LIMITED

AIRBORNE SURVEY

TOTAL MAGNETIC FIELD STRENGTH

GREENWOOD M.D., B.C.

N.T.S.: 82E / 1E	DATE: MARCH 1987
PLOTTED BY: R.P.M.	FIGURE NO. 10



9	Coarse quartz diorite
8	Gabbro dykes
7	Diorite "
ULTRAMAFIC	
6	Altered serpentinized dunite
5	Serpentinized dunite
ELISE FM.	
4	Feldspar porphyry dyke
3	Basalt porphyry dyke
2	Agglomeratic andesite
ARCHIBALD FM.	
1	Metasediments

Fault

ROAD, TRAIL
CREEK
LEASED LAND

SCALE 1:5000

0 100 200 400 METRES

TO ACCOMPANY REPORT BY F. DI SPIRITO, B.A. Sc., P. ENG.

CASTLE PROJECT

FOR: NITRO RESOURCES INC.

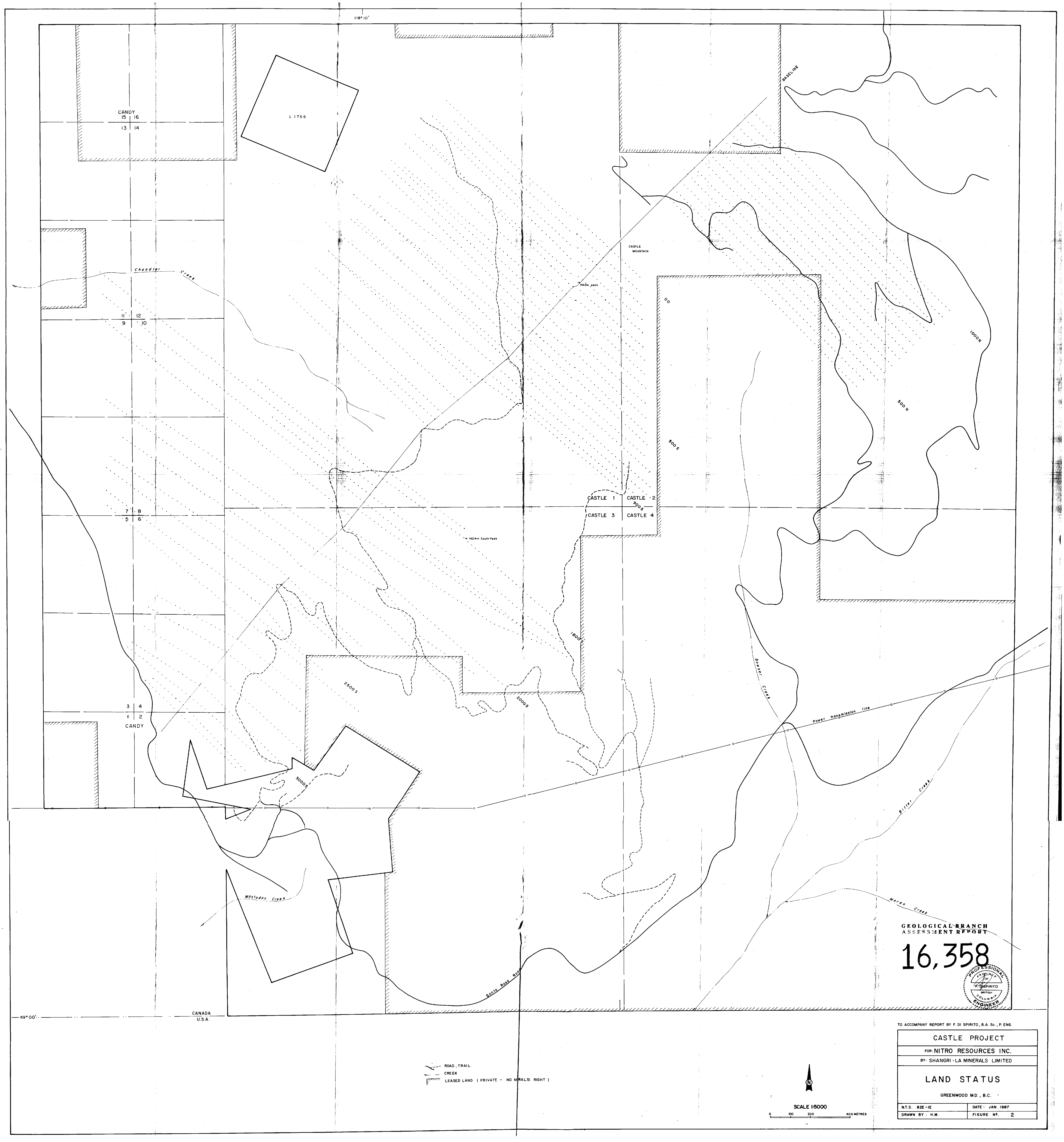
BY: SHANGRI-LA MINERALS LIMITED

COMPILATION MAP

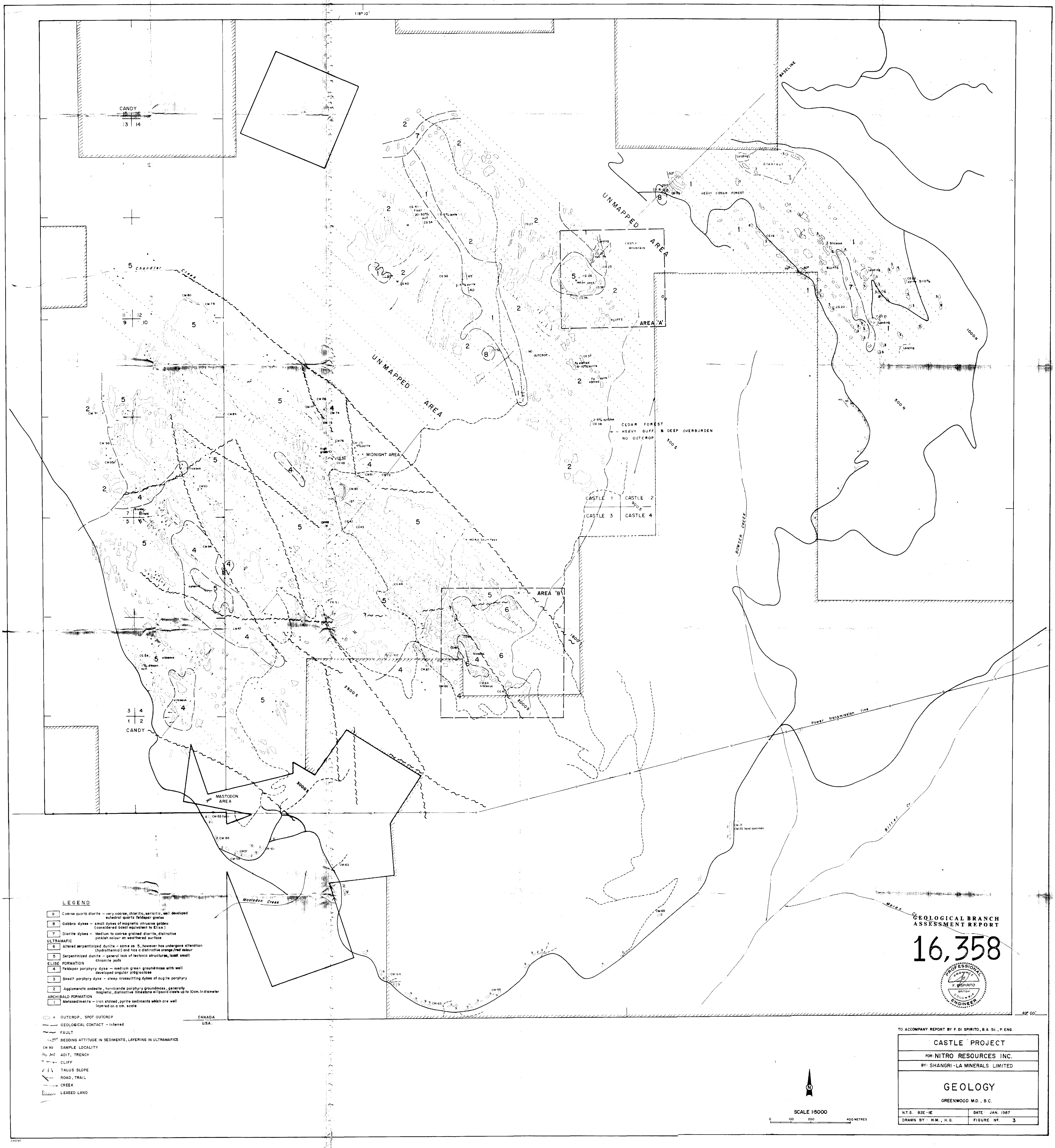
GREENWOOD M.D., B.C.

N.T.S. 82E-1E	DATE: JAN. 1987
DRAWN BY: H.M.	FIGURE Nº. 11

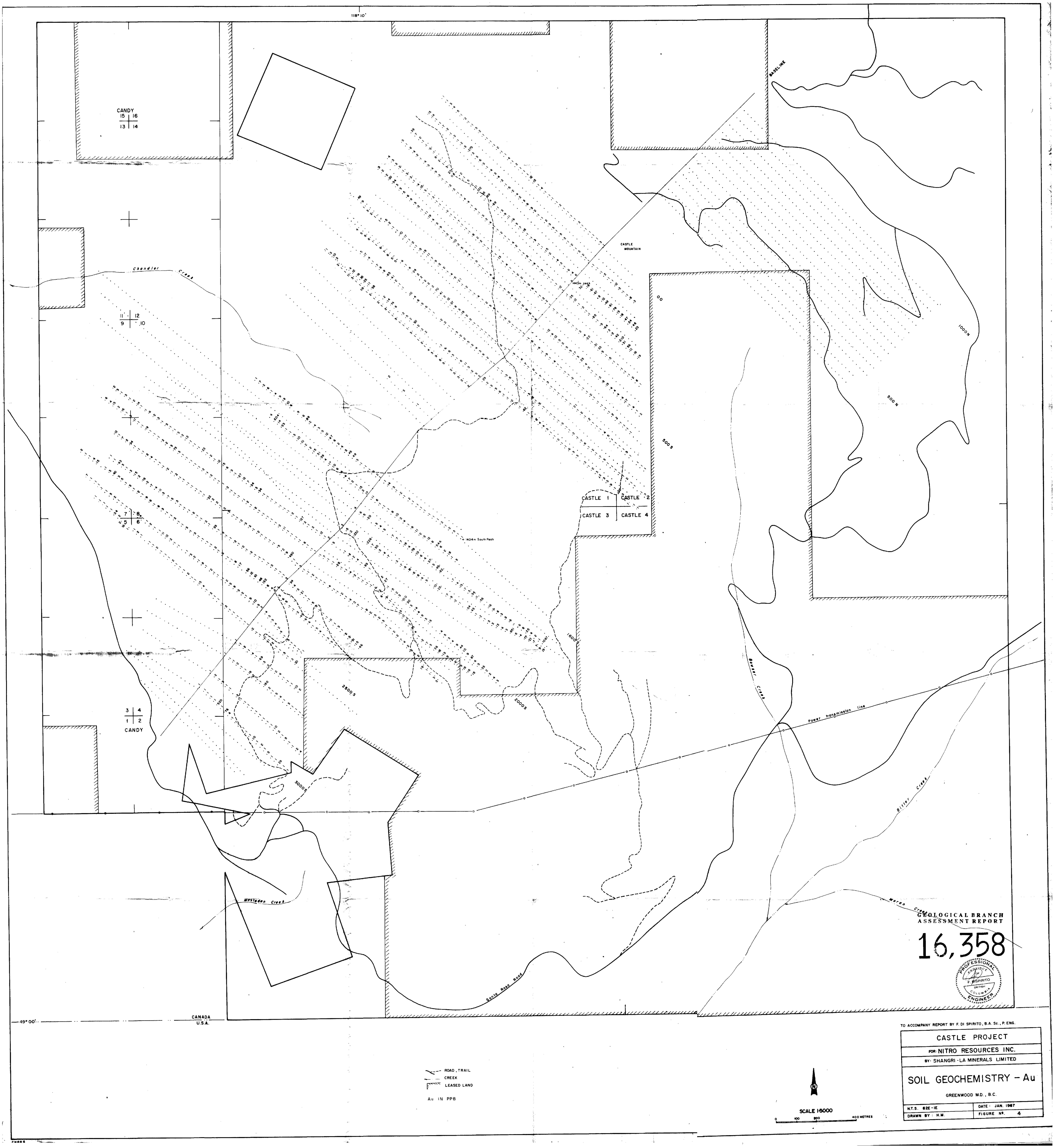
CHONG

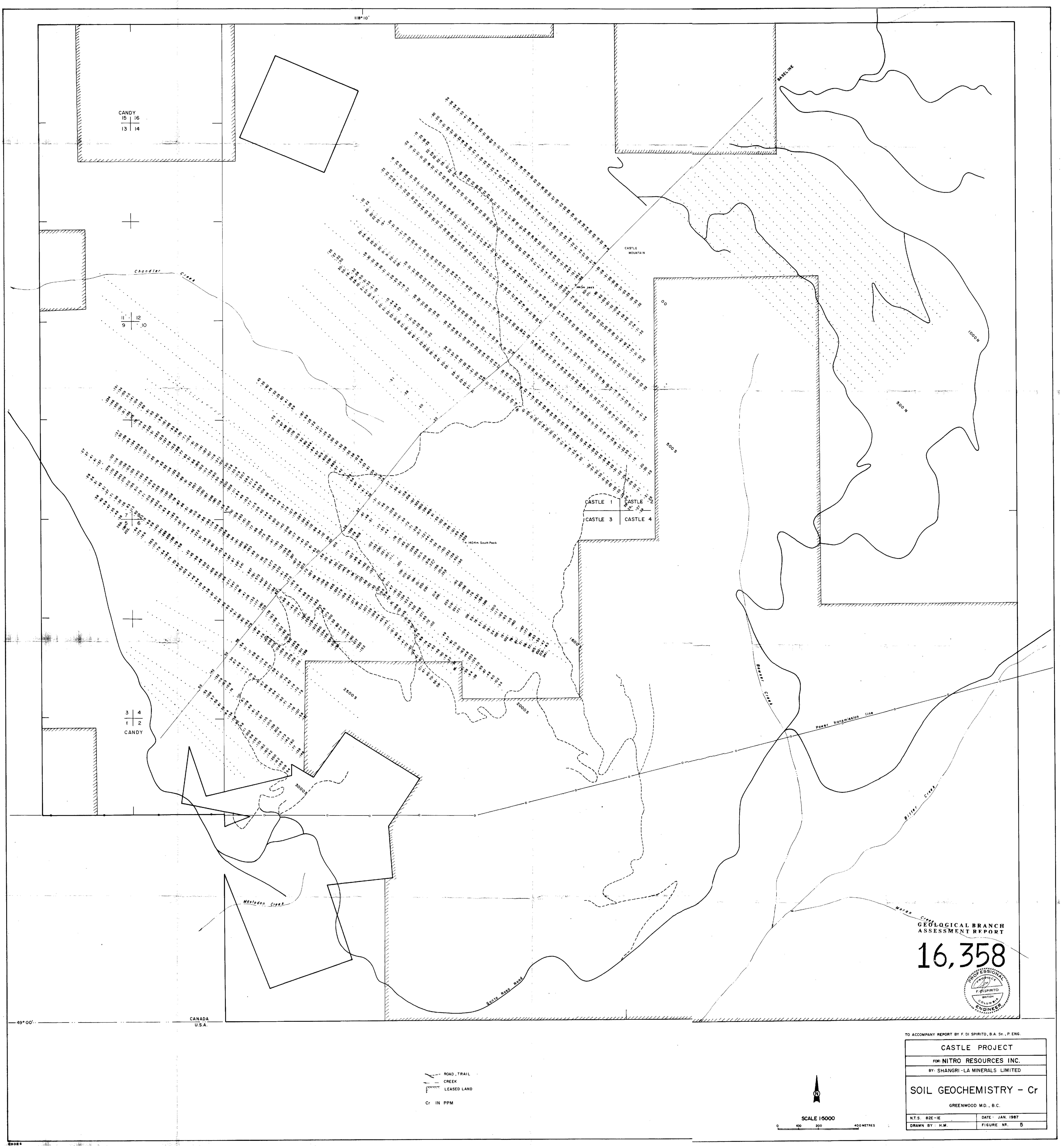


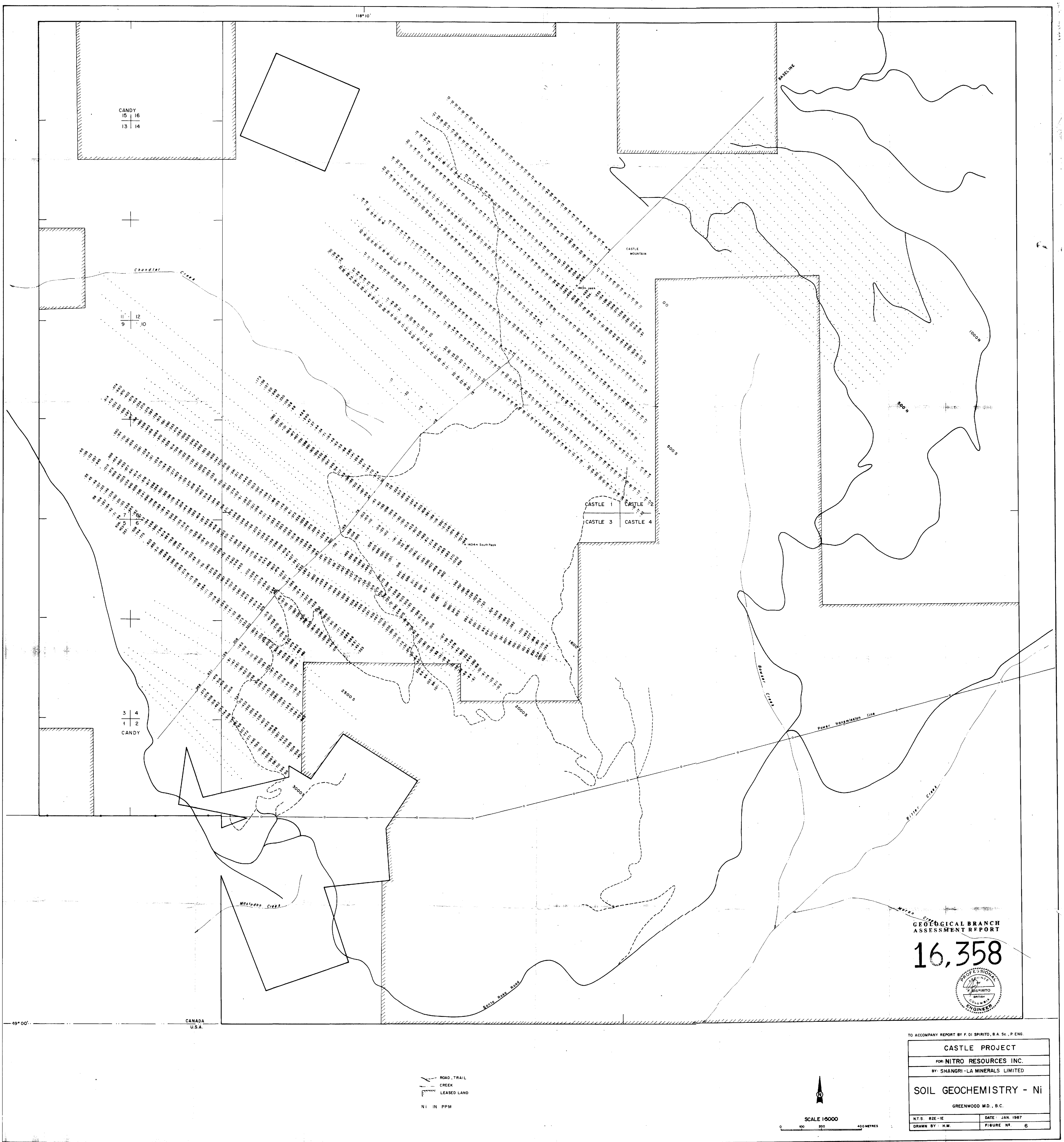
118° 10'
CANDY
15 16
13 14
L 1756
BASELINE
Chandler Creek
CASTLE MOUNTAIN
1443m peak
00
1000N
500 N
500 S
11 12
9 10
7 8
5 6
CASTLE 1
CASTLE 2
CASTLE 3
CASTLE 4
900 S
1404m South Peak
1600
2500 S
2000 S
3000 S
3 4
1 2
CANDY
Boundary Creek
Power transmission line
Bitter Creek
Mastodon Creek
Moran Creek
Santa Rosa Road
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,358
PROFESSIONAL ENGINEER
F. DI SPIRITO
BRITISH COLUMBIA
49° 00'
CANADA
U.S.A.
ROAD, TRAIL
CREEK
LEASED LAND (PRIVATE - NO MINERALS RIGHT)
N
SCALE 1:5000
0 100 200 400 METRES
TO ACCOMPANY REPORT BY F. DI SPIRITO, B.A. Sc., P. ENG.
CASTLE PROJECT
FOR: NITRO RESOURCES INC.
BY: SHANGRI-LA MINERALS LIMITED
LAND STATUS
GREENWOOD M.D., B.C.
N.T.S. 82E-1E
DATE: JAN. 1987
DRAWN BY: H.M.
FIGURE No. 2



118°10'
CANDY
13 14
11 12
9 10
7 8
5 6
3 4
1 2
CANDY
BASELINE
UNMAPPED AREA
UNMAPPED AREA
Chandler Creek
CASTLE MOUNTAIN
AREA 'A'
HEAVY CEDAR FOREST
BLUFFS
MIDNIGHT AREA
CEDAR FOREST
HEAVY DUFF & DEEP OVERBURDEN
NO OUTCROP
CASTLE 1
CASTLE 2
CASTLE 3
CASTLE 4
AREA 'B'
BOWSER CREEK
Power transmission line
MASTODON AREA
Mastodon Creek
Bitter Cr.
Moran Cr.
1000N
500 N
500 S
2500 S
3000 S
49° 00'
LEGEND
9 Coarse quartz diorite – very coarse, chloritic, sericitic, well developed euhedral quartz feldspar gneiss
8 Gabbro dykes – small dykes of magnetic intrusive gabbro (considered basal equivalent to Elise)
7 Diorite dykes – Medium to coarse grained diorite, distinctive pinkish colour on weathered surface
ULTRAMAFIC
6 Altered serpentinized dunite – same as 5, however has undergone alteration (hydrothermal) and has a distinctive orange/red colour
5 Serpentinized dunite – general lack of tectonic structures, local small chromite pods
ELISE FORMATION
4 Feldspar porphyry dyke – medium green groundmass with well developed angular plagioclase
3 Basalt porphyry dyke – steep crosscutting dykes of augite porphyry
2 Agglomeratic andesite, hornblende porphyry groundmass, generally magnetic, distinctive limestone ellipsoid clasts up to 10cm. in diameter
ARCHIBALD FORMATION
1 Metasediments – iron stained, pyrite sediments which are well layered on a cm. scale
OUTCROP, SPOT OUTCROP
GEOLOGICAL CONTACT – inferred
FAULT
60° BEDDING ATTITUDE IN SEDIMENTS, LAYERING IN ULTRAMAFICS
CM 90 SAMPLE LOCALITY
ADIT, TRENCH
CLIFF
TALUS SLOPE
ROAD, TRAIL
CREEK
LEASED LAND
CANADA
U.S.A.
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,358
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
F. DI SPIRITO
N
SCALE 1:5000
0 100 200 400 METRES
TO ACCOMPANY REPORT BY F. DI SPIRITO, B.A. Sc., P. ENG.
CASTLE PROJECT
FOR: NITRO RESOURCES INC.
BY: SHANGRI-LA MINERALS LIMITED
GEOLOGY
GREENWOOD M.D., B.C.
N.T.S. 82E-1E
DATE: JAN. 1987
DRAWN BY: H.M., H.G.
FIGURE Nº. 3

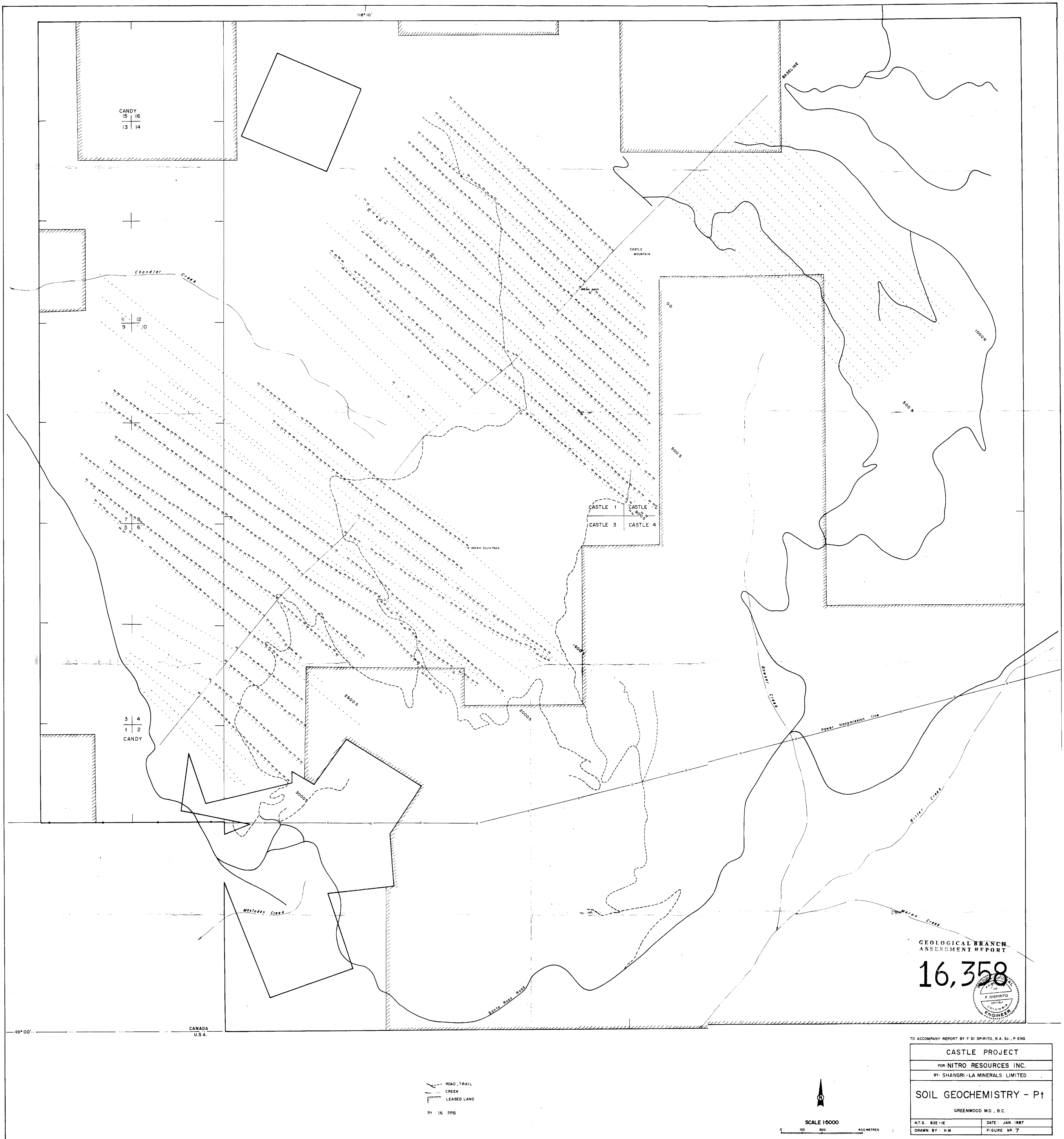

118°10'
CANDY
15 16
13 14
11 12
9 10
7 8
5 6
3 4
1 2
CANDY
Chandler Creek
BASELINE
CASTLE MOUNTAIN
1000 N
500 N
00
500 S
CASTLE 1
CASTLE 2
CASTLE 3
CASTLE 4
1600
2000S
2800S
3000S
Power transmission line
Boundary Creek
Bitter Creek
Moran Creek
Myers Creek
Santa Rosa Road
49°00'
CANADA
U.S.A.
ROAD, TRAIL
CREEK
LEASED LAND
Au IN PPB
SCALE 1:5000
0 100 200 400 METRES
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,358
PROFESSIONAL
PROVINCE OF
F. DISPIRITO
BRITISH COLUMBIA
ENGINEER
TO ACCOMPANY REPORT BY F. DI SPIRITO, B.A. Sc., P. ENG.
CASTLE PROJECT
FOR: NITRO RESOURCES INC.
BY: SHANGRI-LA MINERALS LIMITED
SOIL GEOCHEMISTRY – Au
GREENWOOD M.D., B.C.
N.T.S. 82E-1E
DATE: JAN. 1987
DRAWN BY: H.M.
FIGURE Nº. 4


118°10'
CANDY
15 16
13 14
11 12
9 10
3 4
1 2
CANDY
BASELINE
CASTLE MOUNTAIN
CASTLE 1
CASTLE 2
CASTLE 3
CASTLE 4
1404m South Peak
Chandler Creek
Beaver Creek
Bitter Creek
Mastodon Creek
Power transmission line
Santa Rosa Road
1000N
500N
00
500S
1800
2000S
2500S
3000S
49°00'
CANADA
U.S.A.
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,358
PROFESSIONAL ENGINEER
F. DI SPIRITO
BRITISH COLUMBIA
ROAD, TRAIL
CREEK
LEASED LAND
Cr IN PPM
SCALE 1:5000
0 100 200 400 METRES
TO ACCOMPANY REPORT BY F. DI SPIRITO, B.A. Sc., P. ENG.
CASTLE PROJECT
FOR: NITRO RESOURCES INC.
BY: SHANGRI-LA MINERALS LIMITED
SOIL GEOCHEMISTRY - Cr
GREENWOOD M.D., B.C.
N.T.S. 82E-1E
DATE: JAN. 1987
DRAWN BY: H.M.
FIGURE No. 5



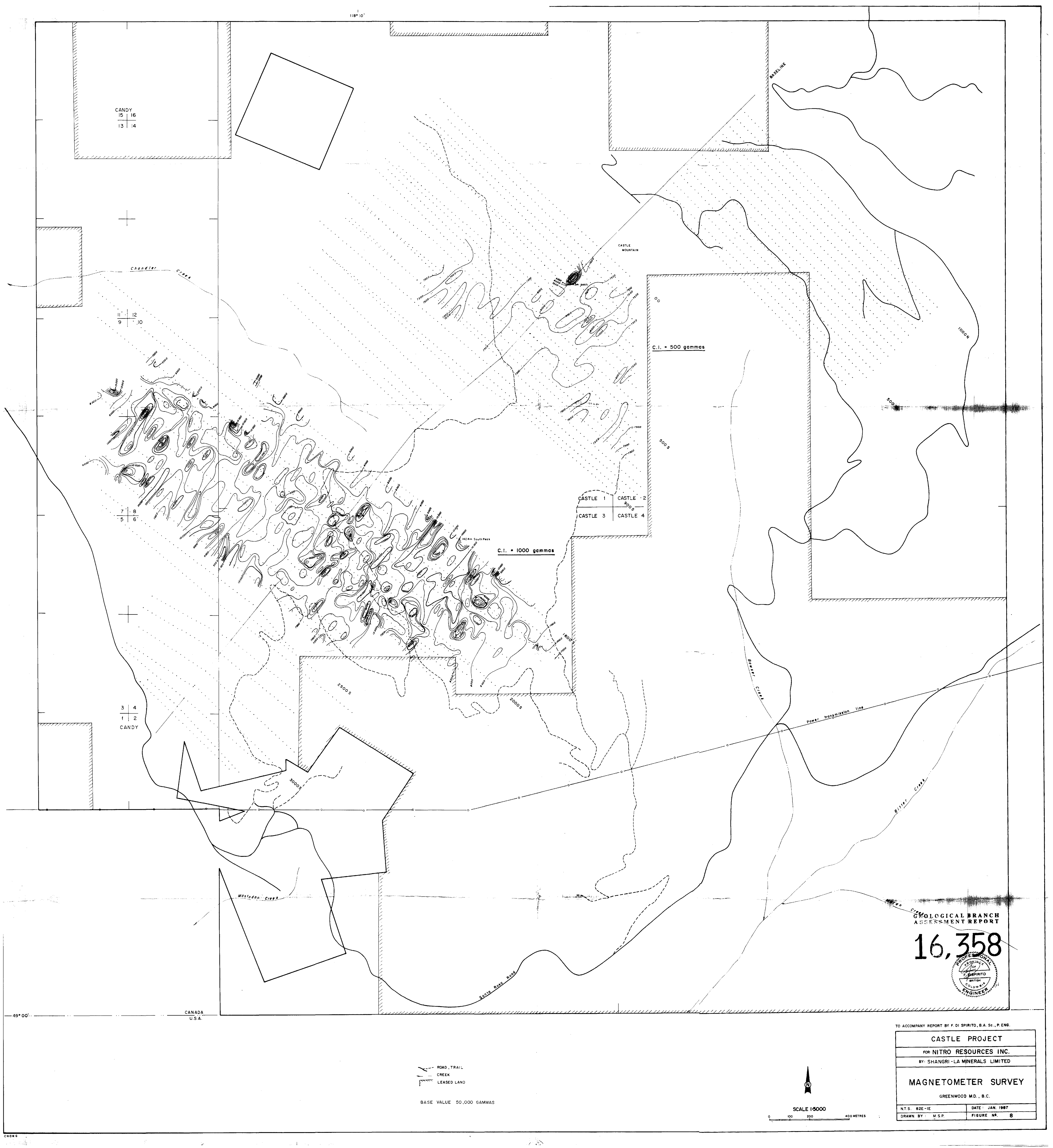
TO ACCOMPANY REPORT BY F. DI SPIRITO, B.A. Sc., P. ENG.

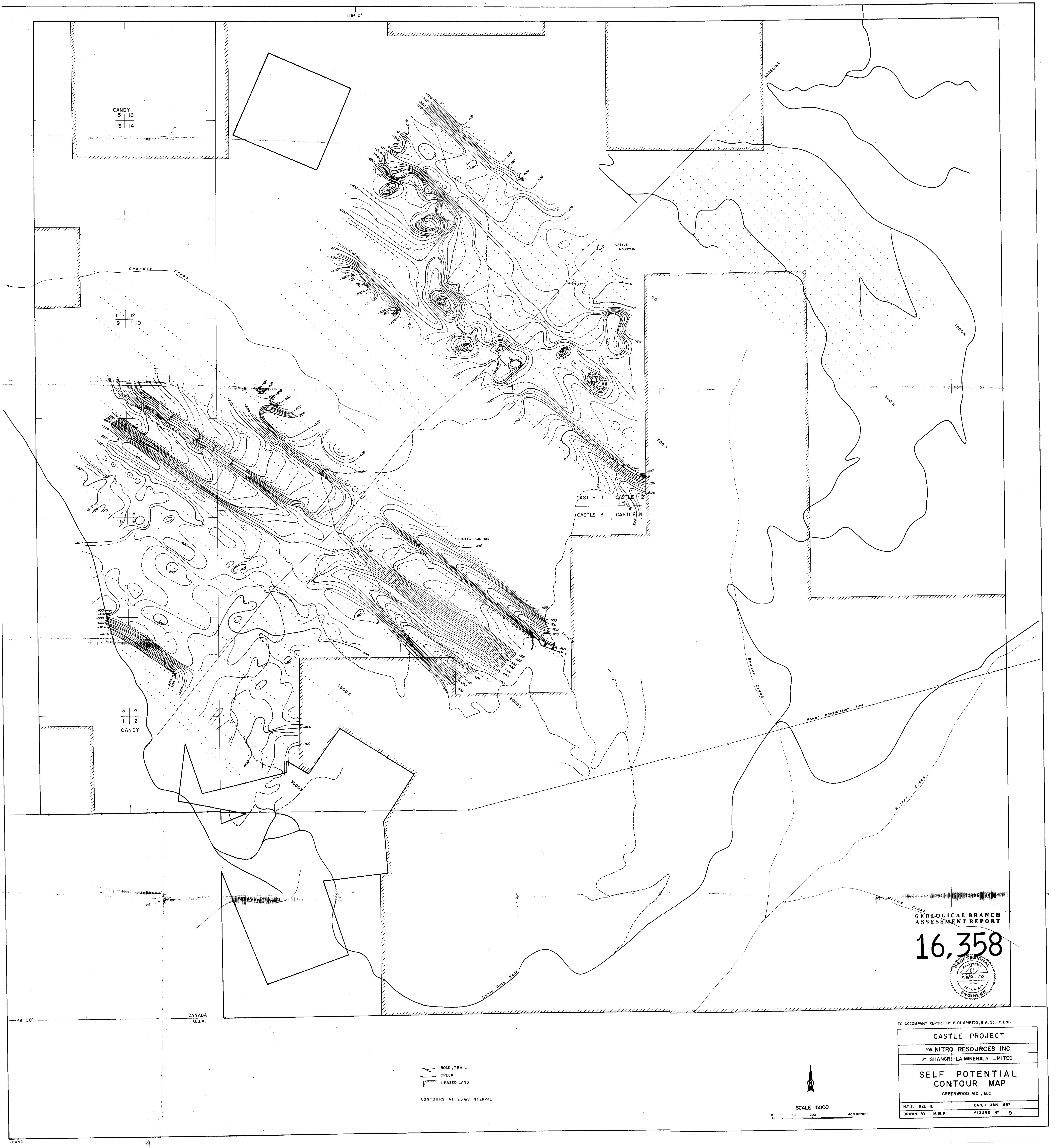
CASTLE PROJECT	
FOR: NITRO RESOURCES INC.	
BY: SHANGRI-LA MINERALS LIMITED	
SOIL GEOCHEMISTRY - Ni	
GREENWOOD M.D., B.C.	
N.T.S. 82E-1E	DATE: JAN. 1987
DRAWN BY: H.M.	FIGURE No. 6



TO ACCOMPANY REPORT BY F. DI SPIRITO, B.A. Sc., P. ENG.

CASTLE PROJECT	
FOR NITRO RESOURCES INC.	
BY: SHANGRI-LA MINERALS LIMITED	
SOIL GEOCHEMISTRY - Pt	
GREENWOOD M.D., B.C.	
N.T.S. 82E-1E	DATE: JAN. 1987
DRAWN BY: H.M.	FIGURE No. 7


118°10'
CANDY
15 16
13 14
11 12
9 10
7 8
5 6
3 4
1 2
CANDY
Chandler Creek
BASELINE
CASTLE MOUNTAIN
C.I. = 500 gammas
C.I. = 1000 gammas
00
500 S
900 S
1000N
500N
CASTLE 1
CASTLE 2
CASTLE 3
CASTLE 4
2000 S
2500 S
3000 S
Bowser Creek
Power transmission line
Bitter Creek
Mastodon Creek
Santa Rosa Road
49°00'
CANADA
U.S.A.
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,358
ROAD, TRAIL
CREEK
LEASED LAND
BASE VALUE 50,000 GAMMAS
SCALE 1:5000
0 100 200 400 METRES
TO ACCOMPANY REPORT BY F. DI SPIRITO, B.A. Sc., P. ENG.
CASTLE PROJECT
FOR: NITRO RESOURCES INC.
BY: SHANGRI-LA MINERALS LIMITED
MAGNETOMETER SURVEY
GREENWOOD M.D., B.C.
N.T.S. 82E-1E
DATE: JAN. 1987
DRAWN BY: M.S.P.
FIGURE No. 8



118°10'
CANDY
15 16
13 14
11 12
9 10
7 8
5 6
3 4
1 2
CANDY
Chandler Creek
BASELINE
CASTLE MOUNTAIN
1445m peak
1404m South Peak
CASTLE 1
CASTLE 2
CASTLE 3
CASTLE 4
0.0
500 S
500 N
1000N
1500S
2000S
2500S
3000S
Boundary Creek
Power transmission line
Bitter Creek
Moran Creek
Santa Rosa Road
49°00'
CANADA
U.S.A.
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,358
PROFESSIONAL
PROVINCE OF
F. DI SPIRITO
BRITISH COLUMBIA
ENGINEER
ROAD, TRAIL
CREEK
LEASED LAND
CONTOURS AT 25mV INTERVAL
SCALE 1:5000
0 100 200 400 METRES
TO ACCOMPANY REPORT BY F. DI SPIRITO, B.A. Sc., P. ENG.
CASTLE PROJECT
FOR: NITRO RESOURCES INC.
BY: SHANGRI-LA MINERALS LIMITED
SELF POTENTIAL
CONTOUR MAP
GREENWOOD M.D., B.C.
N.T.S. 82E-1E
DATE: JAN. 1987
DRAWN BY: M.St.P.
FIGURE No. 9