BRITISH COLUMBIA

PROSPECTORS ASSISTANCE PROGRAM

MINISTRY OF ENERGY AND MINES

GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR:	1999/2000
REPORT #:	PAP 99-29
NAME:	DAVE RIDLEY

BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM (continued)

B. TECHNICAL REPORT

- One technical report to be completed for each project area.
- **Refer to Program Requirements/Regulations 15 to 17, page 6.**
- If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (see section 16) required with this TECHNICAL REPORT.

Name Dave Ridley Reference Number P-62

LOCATION/COMMODITIES

Project Area (as listed in Part A) Spanish Creek MINFILE No. if applicable NA

Location of Project Area NTS 93A/2+1 Lat _____ Long _____

Description of Location and Access see report.

Main Commodities Searched For gold (tungsten, bismuth) ; base metals.

Known Mineral Occurrences in Project Area see report.

WORK PERFORMED

1. Conventional Prospecting (area) 3 areas (see report)
2. Geological Mapping (hectares/scale) _____
3. Geochemical (type and no. of samples) 13 silt, ~~soil~~, 25 rock samples
4. Geophysical (type and line km) _____
5. Physical Work (type and amount) 1 hand-trench Spanish stock area.
6. Drilling (no. holes, size, depth in m, total m) _____
7. Other (specify) _____

SIGNIFICANT RESULTS

Commodities As-Sb (Au) vein Claim Name not staked

Location (show on map) Lat. see report. Long _____ Elevation _____

Best assay/sample type rock grab 9972 ppm As, 160 ppm Sb, 300 ppb Au. (Spanish stock)

Description of mineralization, host rocks, anomalies see report

Supporting data must be submitted with this TECHNICAL REPORT

Information on this form is confidential for one year from the date of receipt subject to the provisions of the *Freedom of Information Act.*

BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM (continued)

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Name Dave Ridley Reference Number P62

LOCATION/COMMODITIES

Project Area (as listed in Part A) Deception Creek MINFILE No. if applicable NA

Location of Project Area NTS 93A 1+2 (93A 008) Lat _____ Long _____

Description of Location and Access see report

Main Commodities Searched For gold (tungsten, bismuth) ; base metals.

Known Mineral Occurrences in Project Area see report.

WORK PERFORMED

1. Conventional Prospecting (area) see report (93A 008)
2. Geological Mapping (hectares/scale) 1:20,000 ; approx. 15 kms of roads.
3. Geochemical (type and no. of samples) 10 silt ; 45 soil ; 45 rock samples
4. Geophysical (type and line km) _____
5. Physical Work (type and amount) _____
6. Drilling (no. holes, size, depth in m, total m) _____
7. Other (specify) _____

SIGNIFICANT RESULTS

Commodities W (Mo-Zn) Claim Name FOX 1-4

Location (show on map) Lat. see report. Long _____ Elevation _____

Best assay/sample type up to 1.6% W; 3.116% Mo; 0.15% Zn

Description of mineralization, host rocks, anomalies see report.

Supporting data must be submitted with this TECHNICAL REPORT

Information on this form is confidential for one year from the date of receipt subject to the provisions of the *Freedom of Information Act*.

PROSPECTING REPORT
on the
DECEPTION-SPANISH CREEK AREA
CARIBOO MINING DIVISION
(NTS 93A\1&2; 92P\16)

CARRIED OUT UNDER THE
BRITISH COLUMBIA PROSPECTOR'S ASSISTANCE PROGRAM
REFERENCE NUMBER 99/2000 P62

BY
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JANUARY 2000

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SUMMARY

This report summarizes prospecting activities carried out by D. Ridley under the BC Prospector Assistance Program (Ref. No. 99/2000 P62) and is intended to fulfill the technical report aspect of the regulations. The original proposal was adhered to although the helicopter fly camp on Deception Mountain was cancelled due to heavy snow accumulations late into the season, lack of helicopters during a narrow window-of-opportunity, as well as time and funding constraints.

Prospecting of new logging roads was the prime method utilized for a first pass of the district. This led to more detailed follow-up, which resulted in discovery of significant tungsten-molybdenum skarn mineralization in Deception Creek valley. Anomalous gold-arsenic-antimony values associated with quartz veins in quartz-sericite schist occur near the northeast contact of the Spanish stock in the extreme eastern portion of the district. These areas require more detailed prospecting of intrusive contact zones as well as the plutons themselves.

The area was divided into two sections. Prospecting observations, sample location maps and analytical results are presented in the following report. A total of 35 field days were spent by myself and I was assisted by geologist Dave Blann for an additional 6 field days. A total of 21 silt, 45 soil, and 70 rock samples were collected and analyzed for this program. In addition eleven rock samples were assayed for tungsten and selectively for moly and zinc. Most of the work was carried out in Deception creek valley since discovering significant tungsten-molybdenum bearing skarn mineralization on the Fox 1-4 mineral claims.

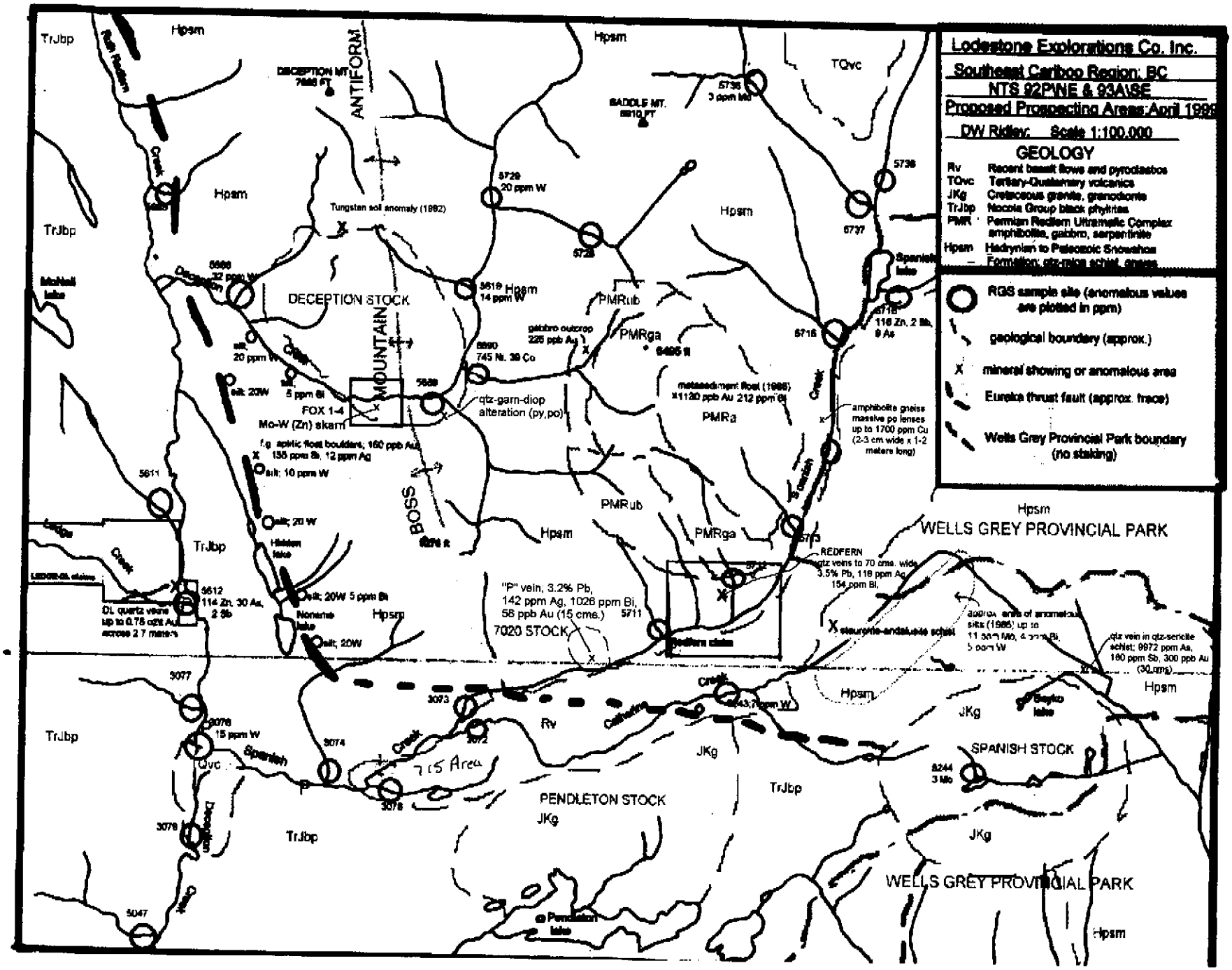

Lodestone Explorations Co. Inc.
Southeast Cariboo Region, BC
NTS 92PNE & 93A\SE
Proposed Prospecting Areas April 1996
DW Ridley Scale 1:100,000
GEOLOGY
Rv Recent basalt flows and pyroclastics
TQvc Tertiary-Quaternary volcanics
JKg Cretaceous granite, granodiorite
TrJbp Nicola Group black phyllites
PMR Permian Redlem Ultramafic Complex amphibolite, gabbro, serpentinite
Hpsm Hadrynian to Paleozoic Snowshoe Formation, gneissic schist, gneiss
RGS sample site (anomalous values are plotted in ppm)
geological boundary (approx.)
mineral showing or anomalous area
Eureka thrust fault (approx. trace)
Wells Grey Provincial Park boundary (no staking)
ANTIFORM
MOUNTAIN
DECEPTION STOCK
BOSS
FOX 1-4
Mo-W (Zn) skarn
qtz-garn-diop alteration (py,po)
Tungsten soil anomaly (1982)
"P" vein, 3.2% Pb, 142 ppm Ag, 1026 ppm Bi, 58 ppb Au (15 cms.)
7020 STOCK
REDFERN
PENDLETON STOCK
SPANISH STOCK
WELLS GREY PROVINCIAL PARK
N

FIG 1

INTRODUCTION

The purpose of this report is to document prospecting activities carried out by DW Ridley under Prospector's Assistance Grant #99-2000 P62 from June to December 1999. The primary exploration target was intrusion-related gold mineralization as well as many other deposit types which are commonly spatially related to granitic rocks intruding metasedimentary terranes. Although no intrusion-related gold showings were found, a new Mo-W (Zn) skarn showing associated with calc-silicate rocks along the southern margin of Deception stock, and an As-Sb (Au) bearing quartz vein hosted by quartz-sericite schist near the northern margin of Spanish stock, were discovered and provide encouragement for additional work in the area (Fig. 2).

The area is situated about 65 kilometers northeast of 100 Mile House and is easily accessed via good quality logging main and arterial roads. The eastern and southern-most portion of the region is bounded by Well's Grey Provincial Park whereas the western boundary is the contact between Quesnel and Omineca terranes. This contact is marked by the Eureka thrust along which several Cretaceous(?) granite to granodiorite bodies intrude metasediments of Paleozoic and older Snowshoe Formation of Omineca terrane, and locally, basal black phyllites of the Quesnel terrane (Fig. 1).

SPANISH CREEK AREA (NTS 92P\16; 93A\1)

Location and Access

The Spanish Creek area is situated approximately 30 kilometers northeast of Eagle Creek Post office and is accessed via the Canim-Hendrix (6000) road about 17 kilometers to its junction with the Spanish (7000) road which is followed easterly to Spanish Creek valley. The 7300 road branches off near 24 kilometer post and provides access to Spanish stock adjacent to the park boundary.

Claim Status

No claims were located in this area during this progam. The only claim in the area at the time of writing is the Redfern which is in good standing until 2002 and held by DW Ridley. No work was carried out on this property this year.

Past Work

Most of the past work was conducted by DW Ridley in the course of several past Prospecting Assistance Grants. A complete list of pertinent Grant Reference Numbers is included in the bibliography. During 1993 Pioneer Metals conducted limited prospecting and stream sampling surveys around the Redfern claim which they held under option.

Regional Geology

The geology of the area is shown on Figure 2 as are the scattered areas of interest. The Spanish Creek area is cut by the Eureka thrust which separates Mesozoic rocks of Quesnel terrane from Paleozoic and older strata of the Omineca terrane. Both assemblages have been intruded by Cretaceous (?) stocks, plugs and dyke swarms of granite to granodiorite compostion. The upper portion of the valley is covered by a succession of volcanic rocks ranging from Tertiary to Recent age. Glacial debris blankets the area. Recent basalt flows from the Flourmill Volcanoes cover much of the valley and represent the latest geological event.

Omineca terrane consists of two terranes based on metamorphic grade. The Barkerville terrane is represented by a mixed meta-volcano-sedimentary sequence in greenschist regional metamorphism whereas Cariboo terrane suffers from high-grade regional metamorhism resulting in highly folded and contorted schists and gneisses. Staurolite-andalusite schist found in Catherine creek along the 7300 road may be the result of thermal metamorphism from the Spanish stock (Fig. 2). The area around Spanish stock appears to belong to Barkerville terrane given the overall phyllitic rather than schistose appearence and lower regional metamorphic grade.

1999 Prospecting

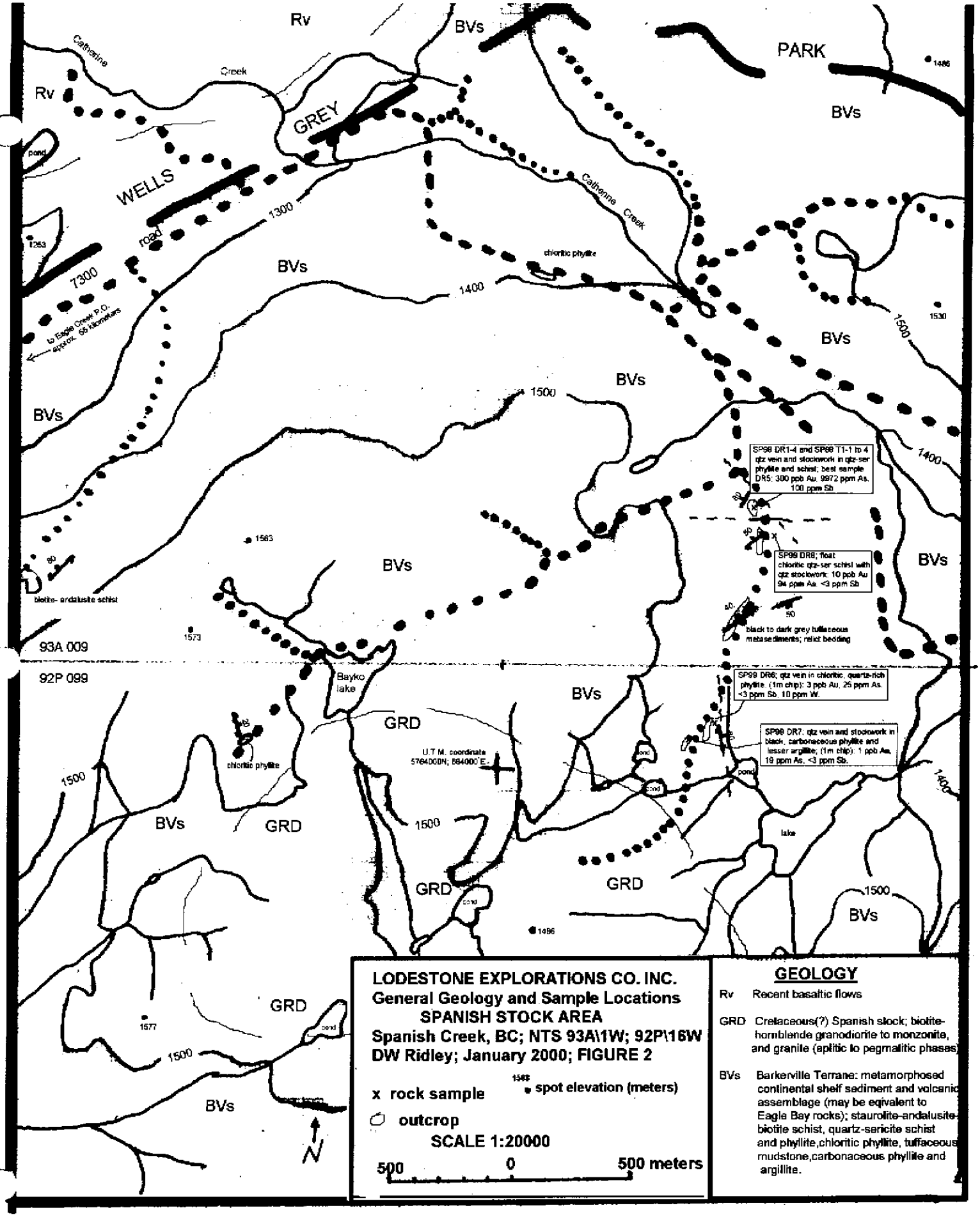
Three zones of interest were prospected in the Spanish Creek area, and include Spanish stock to the east, 7020 stock in the central portion and 715 road to the west. These were selected after reviewing data pertaining to "intrusive-hosted gold mineralization" and related deposit types. Prospecting observations for each zone are presented below. Rock sample description sheets and analytical results are included in the appendix. Maps showing sample locations and geology follow this section (FIG. 2&3).

1) SPANISH STOCK:

The Spanish stock area is accessed via the 7300 road and several arterials around the northeast portion of the intrusive. Two new roads were constructed during 1998 and these were the main focus of prospecting. The first road ("A") heading southerly near 7310 kilometer post was entirely on till and nothing of consequence was found. The second road ("B") is a little higher on the slope and contains many rock cuts with fairly abundant outcrop exposure away from the road. Rocks include from north to south, staurolite-andalusite-biotite schist, chloritic phyllite, quartz-sericite phyllite to schist, dark tuffaceous metasediments showing relict, evenly spaced bedding layers, and carbonaceous phyllite to argillite which contains numerous quartz veins. These lithologies coupled with lower regional metamorphic grade indicate that these rocks belong to Barkerville or possibly even Eagle Bay Assemblage instead of Kaza Group as mapped by GSC personnel. The Spanish stock consists mainly of biotite-hornblende granodiorite cut by pegmatitic to aplitic dykes of generally similiar composition. The whole are locally cut by occasional milky to glassy quartz veins.

Eight rock samples were taken along "B" road with only one returning discernible anomalous results (FIG. 2). This sample was from quartz rubble within quartz sericite schist in the road bank about 300 meters south of its junction with the 7300 road (SP99 DR5). This sample returned 300 ppb gold, 9972 ppm arsenic, and 100 ppm antimony. An additional four samples were taken by D Blann from a 3 meter long hand trench dug into the bank at the site. The best of these returned values of 82 ppb gold, 3137 ppm arsenic, and 25 ppm antimony (SP99 T1-1-4).

The quartz-sericite schist is over 100 meters wide and trends 020/90. To the north are outcrops of chloritic phyllite while mafic tuffaceous metasediments and carbonaceous to graphitic phyllite are exposed to the south. The beds can be followed southwesterly along strike for over 400 meters through the logging clearcut whereas glacial debris obscures exposure to the north. This area requires additional work in the form of



LODESTONE EXPLORATIONS CO. INC.
General Geology and Sample Locations
SPANISH STOCK AREA
Spanish Creek, BC; NTS 93A\1W; 92P\16W
DW Ridley; January 2000; FIGURE 2

x rock sample
1563 spot elevation (meters)
outcrop

SCALE 1:20000

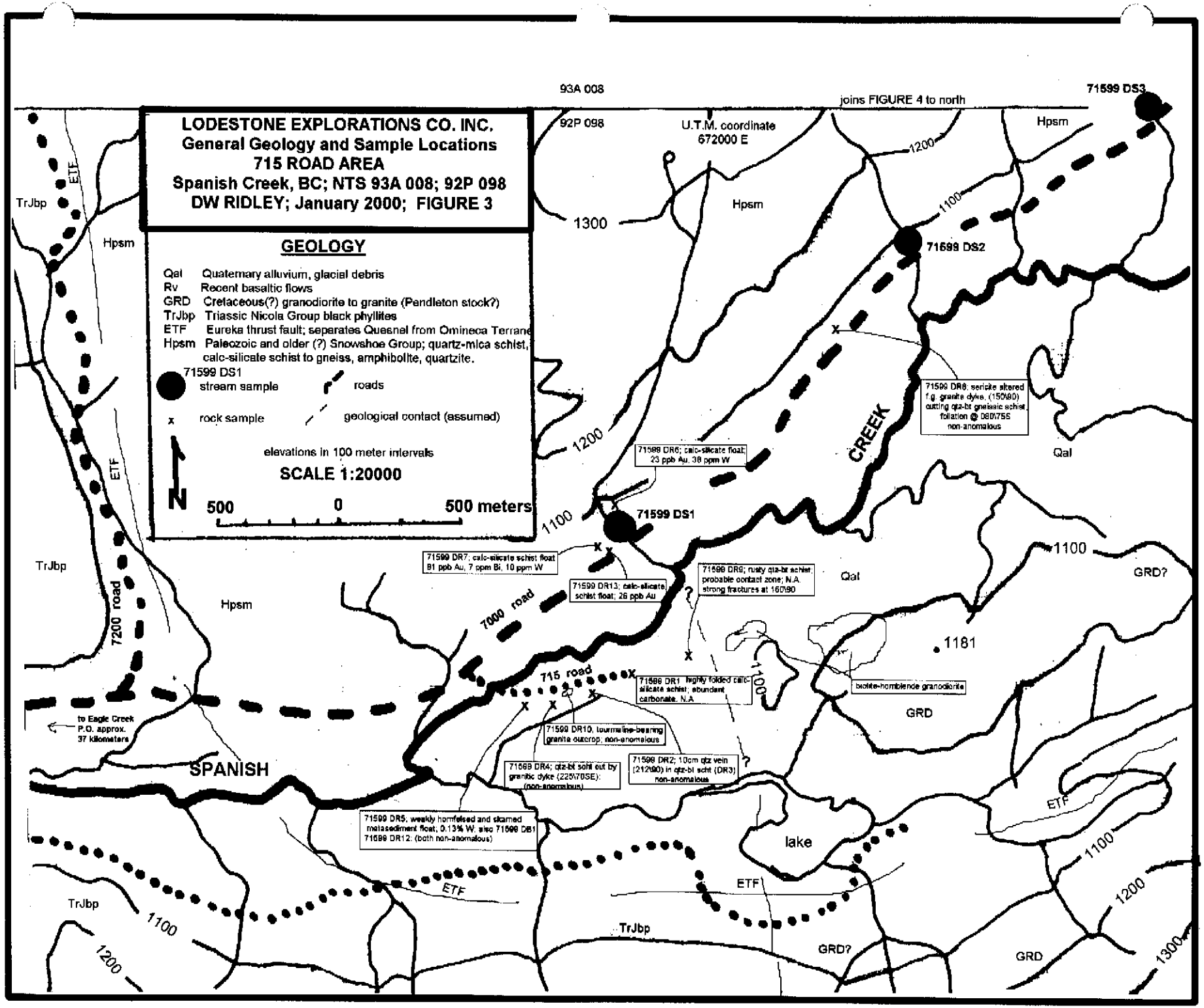
500 0 500 meters

GEOLOGY

Rv Recent basaltic flows

GRD Cretaceous(?) Spanish stock; biotite-hornblende granodiorite to monzonite, and granite (aplitic to pegmatitic phases)

BVs Barkerville Terrane: metamorphosed continental shelf sediment and volcanic assemblage (may be eqivalent to Eagle Bay rocks); staurolite-andalusite-biotite schist, quartz-sericite schist and phyllite, chloritic phyllite, tuffaceous mudstone, carbonaceous phyllite and argillite.


LODESTONE EXPLORATIONS CO. INC.
General Geology and Sample Locations
715 ROAD AREA
Spanish Creek, BC; NTS 93A 008; 92P 098
DW RIDLEY; January 2000; FIGURE 3
GEOLOGY
Qal Quaternary alluvium, glacial debris
Rv Recent basaltic flows
GRD Cretaceous(?) granodiorite to granite (Pendleton stock?)
TrJbp Triassic Nicola Group black phyllites
ETF Eureka thrust fault; seperates Quesnel from Omineca Terrane
Hpsm Paleozoic and older (?) Snowshoe Group; quartz-mica schist, calc-silicate schist to gneiss, amphibolite, quartzite.
71599 DS1 stream sample
roads
rock sample
geological contact (assumed)
elevations in 100 meter intervals
SCALE 1:20000
500 0 500 meters
N
93A 008
92P 098
joins FIGURE 4 to north
71599 DS3
U.T.M. coordinate 672000 E
71599 DS2
71599 DS1
CREEK
7200 road
7000 road
715 road
ETF
TrJbp
Hpsm
Qal
GRD
GRD?
1181
lake
SPANISH
to Eagle Creek P.O. approx. 37 kilometers
71599 DR6; calc-silicate float; 23 ppb Au, 38 ppm W
71599 DR8; sericite altered f.g. granite dyke, (150\90) cutting qtz-bt gneissic schist, foliation @ 080\75S non-anomalous
71599 DR7; calc-silicate schist float 81 ppb Au, 7 ppm Bi, 10 ppm W
71599 DR13; calc-silicate schist float; 26 ppb Au
71599 DR9; rusty qtz-bt schist; probable contact zone; N.A. strong fractures at 160\90
71599 DR1 highly folded calc-silicate schist; abundant carbonate, N.A.
biotite-hornblende granodiorite
71599 DR10; tourmaline-bearing granite outcrop; non-anomalous
71599 DR4; qtz-bt schist cut by granitic dyke (225\70SE); (non-anomalous)
71599 DR2; 10cm qtz vein (212\90) in qtz-bt schist (DR3) non-anomalous
71599 DR5; weakly hornfelsed and skarned metasediment float; 0.13% W. also 71599 DR1 71599 DR12; (both non-anomalous)

detailed grid-based prospecting and rock sampling with ground magnetometer and VLF-EM surveys to follow. The area may have good potential for VMS-type deposits as found in Eagle Bay rocks to the south.

The Spanish stock was found to be mainly granodiorite with some pegmatitic to aplitic dykes. Minor quartz veining is associated with the intrusives however none were found to form concentrations of suitable size for bulk mining.

2) 7020 STOCK:

The 7020 stock is roughly centered at about 20.5 kilometer on the main Spanish Creek (7000) road. The road bisects the intrusive which is about one kilometer in diameter and situated near or within the assumed trace of the Eureka thrust. It may be related to the Pendleton stock on the south side of the valley although contacts are obscured by Recent basaltic flows covering the valley floor. This body intrudes quartz-biotite schist of Cariboo Group which is commonly rusty weathering due to hornfelsing by the 7020 stock. The intrusive is a biotite-muscovite monzonite(?) with a crude gneissic texture. This body may actually be related to Devonian Quesnel Lake Gneiss which occupies a possibly similiar structural position along the Eureka thrust to the north. In any case intrusive relationships are evident in road cuts around the "P" vein.

Three rock samples were taken from a zone of quartz veining and shearing hosted in the intrusive,about 25 meters south and on strike with the "P" vein. Sample locations are plotted on Figure 4. A 10 cm. wide carbonate-sericite altered quartz vein containing minor galena and pyrrhotite returned 4839 ppm lead, 43.5 ppm silver, 310 ppm bismuth, 10 ppm tungsten, and 14 ppb gold (P99 DR2). A 50 cm wide section of gneissic monzonite cut by fractures trending 040\90 with trace galena returned 1066 ppm lead, 12.8 ppm silver, 106 ppm bismuth, 3 ppm tungsten, and 18 ppb gold (P99 DR3). The third sample was non-anomalous for all elements anlayzed (P99 DR1).

3) 715 ROAD AREA:

The 715 road was constructed in 1998 and leaves the 7000 road at 15 kilometer where it crosses Spanish creek and continues upstream 600 meters. The road work uncovered calc-silicate schist, limy phyllite, and quartz-biotite-muscovite schist which are intruded by dykes and irregular bodies of tourmaline-bearing biotite-muscovite granite. Small, round, reddish garnets are commonly seen in the granite. Minor quartz veining occurs in all rock types. A large body of biotite-hornblende granodiorite outcrops on the knoll 200 meters easterly from the end of the road. This body is probably related to nearby Pendleton stock, although its relationship to the granite bodies is uncertain (Fig. 3).

The metasediments usually contain minor pyrrhotite although none was seen in quartz veins or intrusive rocks. Ten rock samples representative of the various rock types, were taken along the 715 road, however only one returned anomalous results. A grab of quartz-carbonate altered schist float returned 1178 ppm tungsten by ICP method (71599 DR5). The sample was later assayed and returned 0.13% tungsten. The 715 road was subjected to a night traverse utlizing an ultra-violet light after discovering tungsten-bearing float. No tungsten was detected in outcrops and very little was seen around the float occurrance, therefore, it is believed the float is of glacial origin and additional prospecting may be warranted up-ice.

Three samples of large angular float boulders were taken on the 7000 road approximately 300 meters east of the 7016 kilometer post. These consist of a light green calc-silicate rock carrying up to 1% pyrrhotite and cut by quartz veinlets (71599 DR6, 7, 13). Sample 71599 DR7 returned 81 ppb gold whereas the others had detectable gold in the 23-26 ppb range. These anomalous results indicate that additional prospecting is warranted for this area.

1999 Stream Sediment Sampling:

Eleven stream samples were collected along the main 7000 road from the 715 eastward to the 7300 road junction. Sample sites are plotted on Figures 3 & 4 and analytical results appear in the apppendix. Float at each site was examined visually for sulphide mineralization and with an ultraviolet light for tungsten as were stream sediments. No significant mineralization was noted with these methods. The only possibly anomalous results were obtained from a stream about 300 meters east of the 7016 kilometer post where rock samples returned up to 81 ppb gold (71599 DR7). This stream (71599 DS1) returned 40 ppm copper, 90 ppm zinc, 0.3 ppm silver, and 250 ppm barium. It also contained a high calcium content of 1.12% which could inhibit the mobility of certain elements resulting in lower overall values.

DECEPTION CREEK AREA (NTS 93A\1W, 2E)

Location and Access

The Deception creek area is situated approximately 35 kilometers northeast of Eagle Creek Post Office and is accessible via good quality logging roads.The Canim-Hendrix (6000) road is taken northerly to the junction with the Spanish-Deception (7000) road which is followed easterly about 14 kilometers to the No Name-Deception (7200) road which provides access to the south side of Deception valley. The area is in mountainous terrain with peaks rising 3000-4000 feet above the valley floor.

Claim Status

The only claims in the area are DEC 1-4 (80 units) on Deception Mountain, and FOX 1-4 two-post claims along the 7200 road near 7215 kilometer post. All are held by DW Ridley, Box 77, Eagle Creek, BC, VOK1LO, and jointly owned by DE Blann, 606-6595 Bonsor Ave, Burnaby, BC, V5H 4G5. The DEC 1-4 were staked prior to this program to cover anomalous tungsten soil values detected on the upper slopes of Deception Mountain in 1982 (Helsen, 1982). The FOX 1-4, located during this program, cover tungsten-molybdenum-zinc mineralization associated with skarn-altered calc-silicates intruded by two-mica granite of the Deception stock. Additional staking is warranted in this area.

Past Work

The only recorded past work in the area was by Mattagami Resources who conducted a regional silt survey during 1981 and followed in 1982 by a limited prospecting and soil sampling program which was severely hampered by bad weather (Helsen, 1982). This work identified a previously unknown granitic intrusion cutting older Snowshoe schists and indicated tungsten soil anomalies associated with the assumed northern and eastern boundary. In 1997 D. and C. Ridley prospected along the newly constructed 7200 road as part of a Prospectors Assistance Grant (#97-98-P66). The southern contact of Deception stock was located and garnet-rich skarn alteration was found associated with it. No further work has been carried out here until the present program.

Regional Geology

The Deception Creek area is situated within Omineca terrane, immediately east of its contact with Quesnel terrane, and is underlain by Paleozoic and older quartz-mica schist, calc-silicate schist and gneiss of the Snowshoe Formation. Permian(?) Redfern Ultramafic Complex, comprised of amphibolite, gabbro, and serpentinite, occupies the high ground east of Deception creek and west of Spanish creek. These rocks form a fault-bounded block several kilometers in diameter. Nickel creek, draining the ultramafics to the west, contains high nickel-chromium values in sediments. The youngest rocks are muscovite-biotite granite, leuco-granite, aplite, and pegmatite of the Cretaceous(?) Deception stock. These intrude Snowshoe rocks producing a limonitic halo in quartz-mica schists and skarn alteration in calc-silicate rocks.The latter contains tungsten, molybdenum, and zinc values on the newly located FOX 1-4 claims. The entire area is covered with a mantle of glacial and fluvial debris and outcrop exposure is poor over much of the lower valley slopes.

1999 Work Program

The work program consisted of initial prospecting and mapping of logging roads and clearcuts coupled with stream sediment sampling and examination. In late June D. Blann, geologist, spent five days mapping along the roads and rock sampling quartz veins and\or zones of alteration. The base was a TRIM map (93A 008) at 1:20000 scale, which contains sample locations and geology encountered (FIG. 4). An anomalous rock sample by Blann led to more detailed prospecting and eventual discovery of mineralization on the FOX claims. A total of 15 man-days were spent on recon prospecting and mapping along the south and east side of Deception creek and resulted in the collection of 10 stream sediment and 22 rock samples. Locations are plotted on FIG. 4 Detailed work on the FOX claim required 10 man-days and resulted in 45 soil and 18 rock samples. All sample numbers carry prefix "HUM99" and analytical results appear in the appendix. Work was conducted intermittently between June 10 to Nov.2 1999.

1999 Stream Sediment Sampling

Ten stream samples were collected and analyzed by 30 element ICP method, within the Deception creek area. Sample sites were examined for mineralized or altered float. Fine silt and sand was collected from active portions of the streams. This work was carried out during recon prospecting of the south and east side of Deception creek. Analytical results are generally low and can be considered essentially non-anomalous, however, one sample does stand out. It contains the highest values for most elements analyzed. This stream drains an area immediately southeast of, and possibly on strike with, W-Mo (Zn) skarn mineralization on the FOX 1-4 property. This sample returned 66 ppm copper, 126 ppm zinc, 21 ppm arsenic, 4 ppm bismuth, and 206 ppm barium (HUM99 DS3). Prospecting and rock sampling along the road accessing this site failed to show any anomalous results to explain the silt anomaly. Additional prospecting is warranted for this area due its possible relationship to mineralization at the FOX property.

1999 Recon Prospecting and Rock Sampling

The Deception creek area was subjected to an initial program of recon prospecting, geological mapping, and stream sampling. Dave Blann, assisted by Ridley, spent five days in late June mapping and rock sampling in the area. Blann's observations and sample locations are shown on FIG 4, and formed the base for subsequent mapping in the vicinity. This work resulted in the recognition of several interesting zones and led to discovery of new Mo-W (Zn) skarn associated showings on the FOX 1-4 claims. Ridley spent an additional six days on recon prospecting after the initial phase.

The Deception creek area lies immediately east of the Eureka thrust fault which separates Mesozoic Nicola Group rocks of Quesnel terrane, to the west, from Paleozoic and older Snowshoe Group metasediments of Omineca terrane to the east. The thrust is assumed to underlie No-Name valley, continuing northward along Ruth Redfern creek, and bending eastward in Spanish valley to the south (FIG. 4). Snowshoe Group comprise quartz-mica schist and gneiss, quartzite, amphibolite and calc-silicates which are highly metamorphosed, folded and faulted. These have been intruded by granite to granodiorite of the Deception stock or apophyses of same. Both the metasediments and intrusive rocks are variably invaded by pegmatitic to aplitic granite dykes and\or sills and all rock types are cut by quartz veins and lenses of varying attitudes and intensities. Four separate zones were detected during this phase of the program. The most important is the FOX skarn showings which is detailed in a separate section. The following discusses the other three zones.

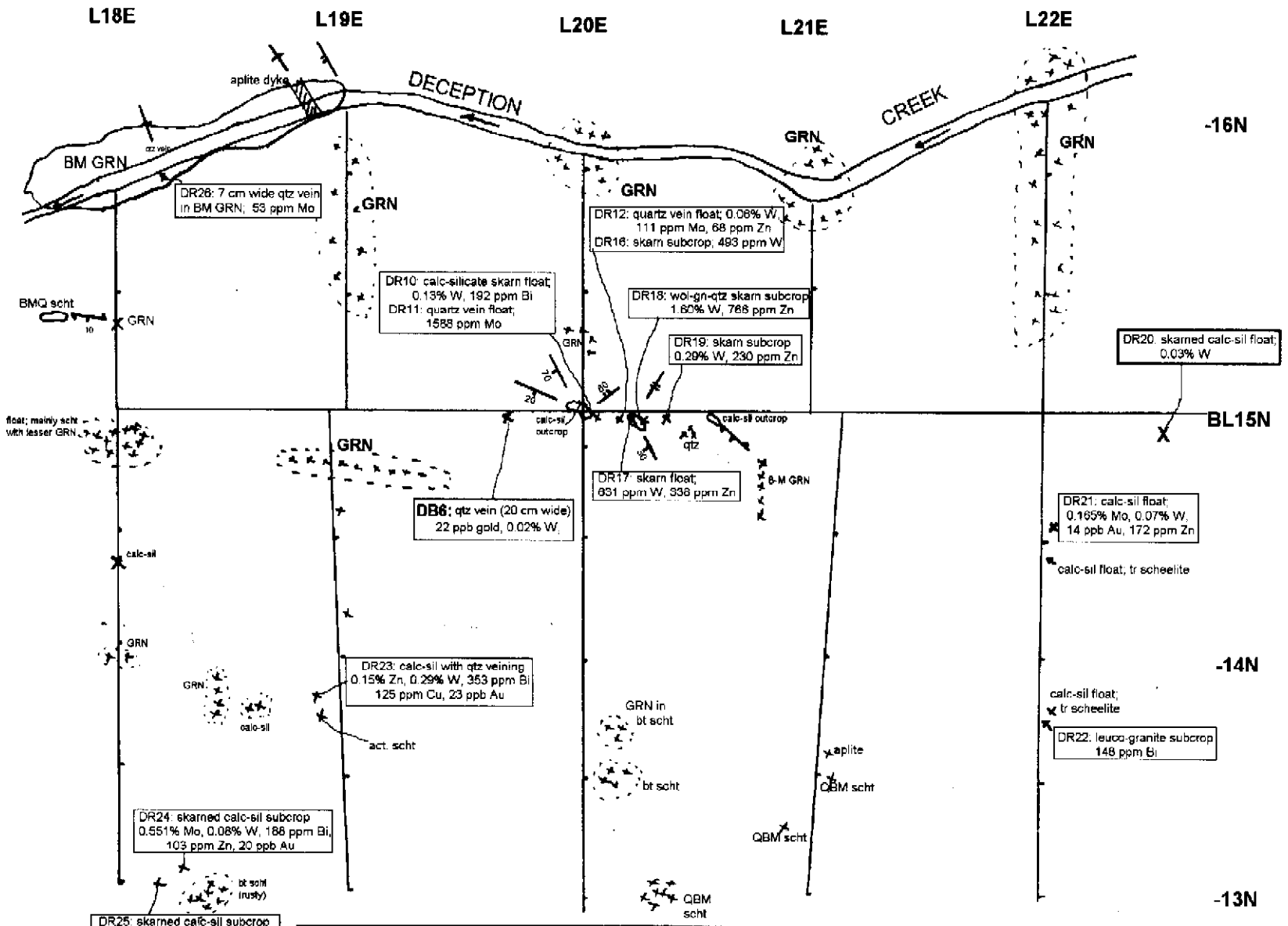
The first is represented by a lowly anomalous stream sediment sample and was discussed in the previous section (HUM99 DS3). The second is situated on the southeast flank of the knoll forming a ridge between Deception creek to the north and Spanish creek to the south. The rocks comprise quartz-biotite-muscovite and quartz-biotite-chlorite schist forming generally east to east-northeast trending beds, dipping gently to the south. Quartz veins and lenses are common particularily along bedding planes. A grab sample by D. Blann from the southeast edge of the knoll of quartz vein material returned 38 ppb gold and 16 ppm tungsten (HUM99 DB9). The third zone is situated immediately east of the FOX claims and occurs along a logging arterial road branching to the southeast at 7215 kilometer post. A float boulder, found in stream HUM99 DS8, and consisting of medium grained, muscovite-altered, granite cut by a quartz stockwork containing 1-2% pyrrhotite, minor euderal pyrite crystals, and trace chalcopyrite was sampled. This material returned 40 ppm tungsten and 50 ppm bismuth (HUM99 DR8). Another float sample, taken by Blann along the road about 400 meters northwest, returned 33 ppb gold (HUM99 DB10). Additional recon prospecting should be conducted around these zones as well as the remainder of Deception valley.

FOX 1-4 CLAIMS; 1999 Prospecting and Rock Sampling

Initial prospecting along the 7200 road found a poorly exposed 25 cm wide quartz vein in the road bank near 14.5 kilometer. A grab sample by Blann returned 22ppb gold, 142 ppm tungsten, and 10 ppm bismuth (HUM99 DB6). Ridley subsequently completed two night traverses utilizing an ultra-violet light from 14 kilometer to the end of the 7200 road. This work indicated widespread scheelite float and grains in soil and till from DB6 to the 7215 kilometer post. Several float samples were collected and analyzed between 14 and 15 kilometer which indicated good potential for economic mineralization in the area. A small grid was established and detailed prospecting and rock sampling followed by soil sampling was carried out. This work returned values up to 3.116% molybdenum, 1.6% tungsten, and 0.15% zinc. Geochemical zoning from tungsten to molybdenum-rich mineralization is indicated. The following discusses significant rock sample results from the FOX grid. Sample analysis and rock sample description sheets are included in the appendix while locations are plotted on FIGURE 5.

The FOX 1-4 claims are underlain by quartz-biotite schist, calc-silicate schist and gneiss which are variably intruded by biotite-muscovite granite of Deception stock. Skarn alteration of calc-silicate rocks carry molybdenum-tungsten and lesser zinc values. Outcrop is scarse and most sampling is of angular float boulders which are believed close to source and, in some cases, may be subcrop rubble. The most extensive exposures occur along the 7200 road while the intrusive forms large outcrops along Deception creek.

Calc-silicate rocks consist of a fine grained layered assemblage of quartz-rich reddish garnet and greenish diopside(?), actinolite and wollastonite are found in skarn-altered sections. Quartz veins are common in all rock types and at least 2 or 3 generations of veining are evident.A float boulder about 25 meters east of DB6, consisting of calc-silicate gneiss cut by 20 cm wide milky quartz vein returned 0.13% tungsten and 192 ppm bismuth (HUM99 DR10). Quartz-rich wollastinite skarn float boulders at BL15N; 20+30E carry abundant disemminated pyrrhotite and scheelite, with lesser black sphalerite and trace chalcopyrite. A sample from this material returned 1.60% tungsten, 766 ppm zinc, and 28 ppm bismuth (HUM99 DR18).



LODESTONE EXPLORATIONS CO. INC.
Geology and Rock Sample Locations
FOX 1-4 PROPERTY
Deception Creek Area, BC
Cariboo Mining Division; NTS 93A\2E
DW RIDLEY; January 2000 FIG. 5
Scale 1:2500

to accompany technical report by DW Ridley for BC Prospectors Assistance Grant #99-2000 P-82

GEOLOGY

Cretaceous(?) Deception stock

BM GRN biotite-muscovite granite
GRN undifferentiated granite to granodiorite (aplitic to pegmatitic phases)

Paleozoic and older(?) Snowshoe Group

QBM scht quartz-biotite-muscovite schist
bt scht biotite schist
act scht actinolite schist
calc-sil calc-silicate banded schist

(note sample prefix HUM99...)

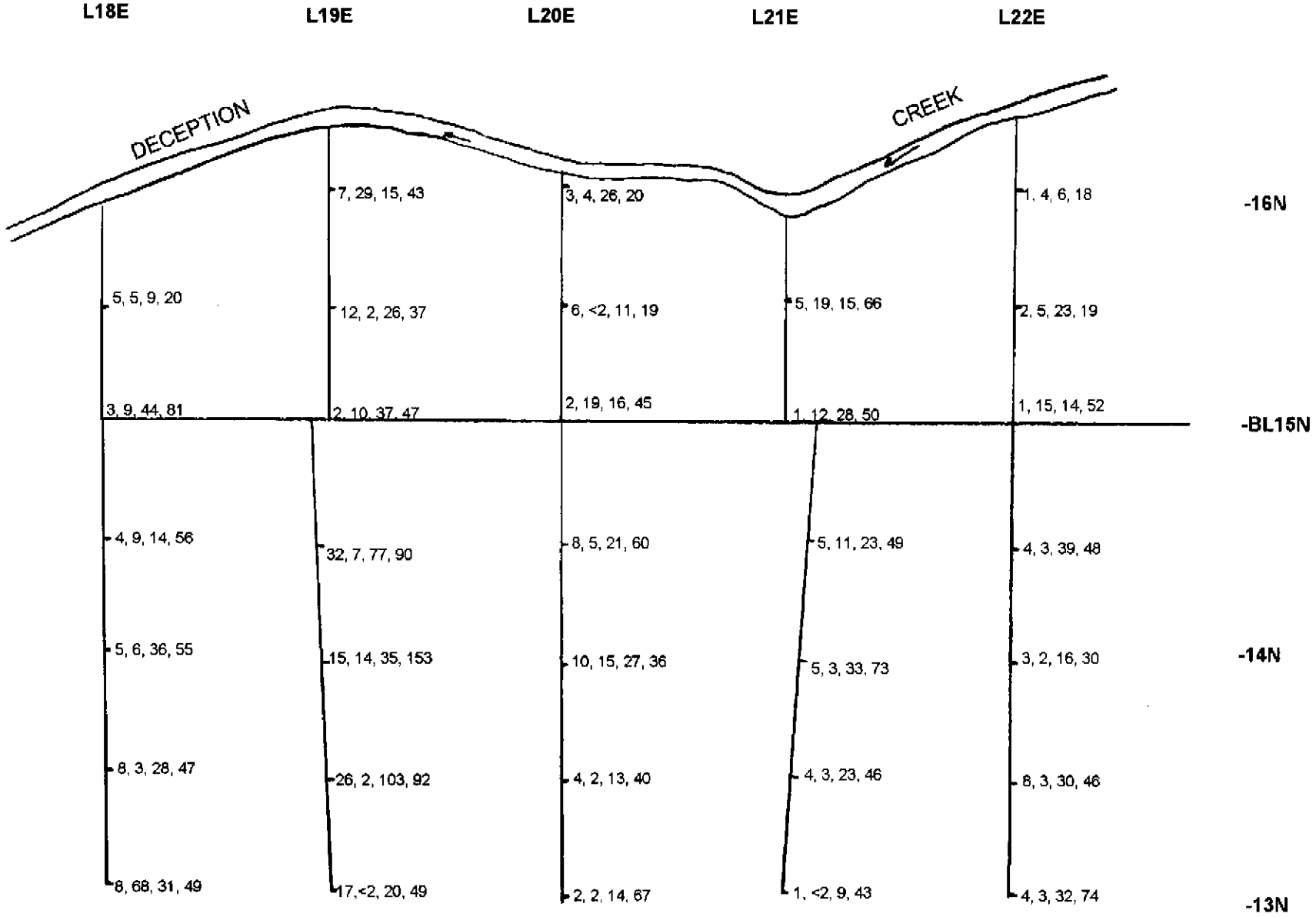
A grab from probable subcrop, 5 meters east of DR18, consisting of calc-silicate gneiss cut by numerous quartz veins to 10 cms wide trending 200\60W returned 0.29% tungsten and 230 ppm zinc (HUM99 DR19). Calc-silicate float near L22E;14+50N returned 0.165% molybdenum, 0.07% tungsten, 172 ppm zinc, and 12 ppb gold (HUM99 DR21). This rock is rusty-weathering, carries 1-3% disemminated pyrrhotite, with lesser molybdenite and black sphalerite, and is cut by numerous small, amber-coloured quartz veinlets. Fine grained leuco-granite, exposed at L22E;13+75N, is cut by quartz veins carrying tiny euhedral pyrite cubes and abundant sericite alteration returned no anomalous values other than 148 ppm bismuth. A sample from a pyrrhotite-rich quartz vein cutting biotite-muscovite granite located on Deception creek near L18E;16N returned 58 ppm molybdenum (HUM99 DR26).

Several angular float boulders consisting of calc-silicate with attendent quartz veining, found about 10 meters northwest of L20E;13+75N, represent probable subcrop rubble. A grab sample from one boulder carrying visible sphalerite, scheelite and trace chalcopyrite returned 0.15% zinc, 0.29% tungsten, 353 ppm bismuth, 125 ppm copper, and 23 ppb gold (HUM99 DR23). Two samples from the southwest corner of the grid were found to be highly anomalous in molybdenum. The rock consists of skarn-altered (actinolite-garnet) calc-silicate that is typically devoid of sulphides other than molybdenite. This area contains numerous angular float boulders of similar composition and are likely frost-heaved blocks from an underlying bedrock source. A grab sample of this material, situated about 25 meters northeast of L18E;13N, returned 0.551% molybdenum, 0.08% tungsten, 188 ppm bismuth, 103 ppm zinc, and 20 ppb gold (HUM99 DR24). A second sample from similar material but with greater moly content, situated about 10 meters west of DR24, returned 3.116% molybdenum, 0.01% tungsten, 68 ppm bismuth, 71 ppm zinc, and 10 ppb gold (HUM99 DR25). Additional work is definitely warranted for the FOX 1-4 claims.

FOX 1-4 CLAIMS; 1999 Soil Sampling

A small grid was established with the baseline trending east-west along the 7200 road and north-south lines at 100 meter intervals. Samples were collected every 50 meters along the lines and at 25 meter separations along the baseline. The baseline was sampled by digging into the road bank and consisted of clay-rich grey basal till whereas sampling on lines was conducted utilizing a hand soil auger and consisted of "B" horizon material. This was to see which provided better results for subsequent sampling. The "B" horizon was found to best reflect underlying bedrock conditions and will be used for subsequent work. This material was taken from depths ranging from 10-30 centimeters below the surface. Visual examination of rock found in the hole and near the sample site was also completed. Several anomalies were detected and mineralization was found to occur within most of them. Molybdenum, tungsten, copper, and zinc values are plotted on FIGURE 6 and analysis results are included in the appendix. A total of 45 soil samples were collected from the grid.

Molybdenum values are up to 32 ppm and form an anomaly 100x200 meters which is open to the southwest. It is interesting to note that the highest rock sample contained 3.116% molybdenum, however, soil in this area showed only 8 ppm molybdenum. Tungsten forms a linear east-west trending anomaly roughly following the baseline and is open to the east. Values are up to 19 ppm tungsten and anomalous results were expected here following night traverses with an ultra-violet light. Rock sampling returned up to 1.60% tungsten. A second tungsten anomaly was detected between L20E and L19E at 14N. Values are in the 14-15 ppm tungsten range and subcrop on the west side was found to contain up to 0.29% tungsten. A third spot anomaly bears mention. It is situated at L18E:13N and returned 68 ppm tungsten which was the highest value found on the grid. Copper does not form a discernible anomalous pattern although two samples can be considered anomalous. These occur within the moly anomaly, flanking the second tungsten anomaly, and returned values of 77 and 103 ppm copper. Zinc forms an anomaly up to 150x200 meters and is open to the west. Values range between 55 to 153 ppm. Rock sample DR23 with 0.15% zinc is situated near the center of the anomaly. Elsewhere zinc forms several spot anomalies. Additional soil sampling is recommended and a ground magnetometer-VLF-EM geophysical survey would be helpful for mapping purposes and to select machine trenching and diamond drill targets.



LODESTONE EXPLORATIONS CO. INC.
Mo-W-Cu-Zn Soil Geohemistry
FOX 1-4 PROPERTY
Deception Creek Area, BC
Cariboo Mining Division; NTS 93A\2E
DW RIDLEY; January 2000
Scale 1:2500
to accompany technical report for BC Prospectors
Assistance Grant #99-2000 P-82

N

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Lodestone Explorations Co. Inc. PROJECT PAG/99 File # 9902479

P.O. Box 77, Eagle Creek BC V0K 1L0 Submitted by: D. Ridley

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
HUM99 DS1	<1	9	3	40	<.3	33	9	351	1.85	<2	<8	<2	3	20	.2	<3	<3	19	.31	.056	15	23	.52	70	.10	<3	1.16	.01	.24	<2
HUM99 DS2	<1	18	7	49	<.3	190	24	529	2.17	<2	<8	<2	2	14	.3	<3	<3	25	.30	.036	11	62	1.85	66	.09	5	1.76	.02	.13	<2
HUM99 DS3	1	66	16	126	.5	117	23	844	3.99	21	<8	<2	7	68	.6	<3	4	52	.86	.064	56	60	.88	206	.21	3	3.90	.06	.62	<2
HUM99 DS4	1	6	7	35	<.3	14	11	352	2.38	<2	<8	<2	3	11	<.2	<3	<3	18	.21	.058	12	22	.45	59	.10	3	.98	.01	.22	<2
HUM99 DS5	<1	3	5	29	<.3	17	5	125	1.51	<2	<8	<2	4	3	<.2	<3	<3	19	.06	.018	12	28	.53	58	.15	<3	1.16	.01	.25	<2
HUM99 DS6	<1	2	<3	9	<.3	9	2	50	.41	<2	<8	<2	2	4	<.2	<3	<3	4	.11	.033	8	7	.14	22	.03	4	.34	.01	.05	<2
HUM99 DS7	<1	18	8	67	<.3	80	43	942	2.18	<2	<8	<2	<2	19	.3	<3	<3	30	.25	.055	15	59	.87	94	.10	<3	1.90	.02	.22	<2
HUM99 DS8	<1	12	3	33	<.3	137	16	384	1.71	<2	<8	<2	3	12	.2	<3	<3	19	.25	.065	13	47	1.57	61	.07	4	1.04	.01	.19	2
71599 DS1	<1	40	8	90	.3	85	27	602	3.77	2	<8	<2	3	67	.6	<3	<3	71	1.12	.087	20	56	1.56	250	.21	3	2.37	.08	.35	<2
71599 DS2	<1	21	7	76	<.3	41	15	403	2.72	<2	<8	<2	4	23	<.2	<3	<3	37	.37	.074	16	31	.97	90	.17	3	1.32	.03	.37	<2
71599 DS3	1	17	10	78	<.3	47	21	720	2.96	<2	<8	<2	5	25	<.2	<3	4	39	.31	.061	16	37	.82	132	.18	<3	1.87	.03	.51	<2
71599 DS4	1	16	8	56	<.3	41	19	3092	6.01	<2	<8	<2	2	96	.9	<3	<3	59	.98	.085	21	38	.72	165	.14	<3	1.75	.05	.15	<2
P99 DS1	<1	25	6	48	<.3	32	12	286	2.47	<2	<8	<2	5	28	.2	<3	<3	36	.39	.084	19	30	.70	123	.16	3	1.49	.03	.47	<2
P99 DS2	<1	18	6	39	<.3	34	11	312	2.47	<2	<8	<2	5	31	<.2	<3	<3	33	.44	.051	25	33	.75	117	.14	<3	1.65	.02	.37	<2
RE P99 DS2	1	18	6	38	<.3	31	11	260	2.36	<2	<8	<2	5	30	<.2	<3	<3	32	.43	.055	24	32	.72	109	.14	<3	1.61	.02	.35	<2
P99 DS3	<1	14	6	36	<.3	27	10	289	2.04	<2	<8	<2	3	19	<.2	<3	3	30	.29	.052	15	26	.61	86	.12	<3	1.39	.02	.27	<2
P99 DS4	<1	9	6	28	<.3	19	7	204	1.65	<2	<8	<2	3	16	<.2	<3	<3	31	.26	.047	11	24	.45	66	.08	<3	.93	.02	.17	<2
P99 DS5	<1	23	6	52	<.3	37	13	319	2.55	<2	<8	<2	4	32	<.2	<3	<3	42	.56	.085	23	37	.81	121	.16	<3	1.68	.02	.33	<2
P99 DS6	1	16	6	33	<.3	26	9	223	1.87	<2	<8	<2	2	24	<.2	<3	<3	33	.51	.054	21	30	.48	104	.11	<3	1.19	.02	.21	<2
P99 DS7	1	20	5	47	<.3	36	11	276	2.31	2	<8	<2	4	40	<.2	<3	<3	39	.47	.066	15	35	.71	106	.13	<3	1.39	.03	.30	<2
STANDARD C3	26	68	35	165	6.0	37	13	781	3.53	59	22	2	19	29	23.5	16	25	82	.59	.089	19	170	.63	153	.10	21	1.90	.04	.16	20
STANDARD G-2	1	3	<3	40	<.3	7	5	519	2.06	2	<8	<2	4	69	<.2	<3	3	40	.63	.092	7	72	.61	220	.14	<3	.91	.08	.45	2

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 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 SR CA P LA CR MG BA TI B W AND MASSIVE SULFIDE AND LIMITED FOR NA K AND AL.
- SAMPLE TYPE: SILT Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 27 1999 DATE REPORT MAILED: July 30/99 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data / FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)2..-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Lodestone Explorations Co. Inc. PROJECT PAG/99 File # 9904256

P.O. Box 77, Eagle Creek BC V0K 1L0 Submitted by: D. Ridley

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
HUM99 DS9	2	19	11	50	<.3	21	9	216	1.91	3	<8	<2	<2	15	<.2	3	<3	32	.24	.070	18	32	.49	89	.11	<3	1.88	.02	.21	<2
HUM99 DS10	1	19	10	40	<.3	20	8	311	1.63	2	<8	<2	<2	23	<.2	<3	<3	24	.36	.055	15	25	.32	74	.08	<3	1.30	.02	.19	2
RE HUM99 DS10	1	20	8	43	<.3	21	9	327	1.72	<2	<8	<2	<2	24	<.2	<3	<3	25	.38	.058	15	24	.34	78	.08	<3	1.38	.02	.20	2

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SILT Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 3 1999 **DATE REPORT MAILED:** Nov 12/99 **SIGNED BY.** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ___ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. COUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604) 3-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Lodestone Explorations Co. Inc. PROJECT PAG/99 File # 9901947

General Delivery, Eagle Creek BC V0K 1L0 Submitted by: D. RIDLEY

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
71599DR1	<1	8	5	23	<.3	12	5	166	1.08	<2	<8	<2	5	1488	.5	<3	<3	13	19.81	.030	15	18	.31	9	.06	<3	.99	.16	.20	3	4
71599DR2	2	6	4	4	<.3	7	2	214	.50	<2	<8	<2	2	217	.2	<3	<3	3	5.02	.008	4	25	.06	<1	.02	<3	.42	.03	.02	12	<2
71599DR3	2	6	7	15	<.3	2	1	158	.65	3	<8	<2	3	23	.4	<3	<3	2	.30	.070	7	17	.12	17	.02	<3	.37	.04	.15	8	<2
71599DR4	1	32	13	43	<.3	28	11	276	2.06	3	<8	<2	9	183	.3	<3	<3	36	3.02	.066	38	39	.41	99	.18	6	3.41	.26	.52	4	2
71599DR5	4	151	55	142	.4	20	19	266	4.10	<2	<8	<2	7	434	.5	<3	<3	9	5.40	.071	22	19	.11	10	.06	3	3.55	.18	.03	1178	<2
71599DR6	2	51	8	49	.3	95	23	306	2.47	<2	<8	<2	4	316	.7	<3	<3	27	5.96	.126	17	47	.15	93	.18	5	5.73	.69	.06	38	23
71599DR7	2	17	5	29	<.3	21	10	136	1.43	<2	<8	<2	5	212	.5	<3	7	8	4.71	.042	23	26	.11	84	.07	3	5.28	.39	.05	10	81
71599DR8	1	2	13	2	<.3	2	<1	191	.35	2	<8	<2	<2	6	.2	<3	<3	<1	.32	.126	2	18	<.01	10	<.01	<3	.20	.03	.17	8	9
71599DR9	3	11	11	61	<.3	20	10	459	2.85	<2	<8	<2	8	4	<.2	<3	8	46	.10	.031	25	52	.89	89	.28	<3	1.89	.04	1.28	9	4
HUM99DR1	36	4	7	2	<.3	5	1	113	.39	<2	<8	<2	3	4	.3	<3	10	1	.02	.004	6	24	.01	14	<.01	<3	.18	.04	.11	10	<2
HUM99DR2	2	9	14	13	<.3	3	1	101	.56	<2	<8	<2	6	2	.3	<3	8	1	.05	.017	8	16	.01	15	<.01	3	.26	.05	.14	10	<2
HUM99DR3	2	33	15	63	<.3	51	17	1045	2.52	<2	<8	<2	3	211	.2	<3	<3	23	2.58	.011	14	38	.86	80	.17	4	3.41	.11	.08	4	<2
HUM99DR4	3	27	10	40	<.3	14	6	227	2.62	<2	<8	<2	5	7	<.2	3	4	29	.12	.050	21	45	.54	97	.22	<3	1.15	.02	.78	12	<2
HUM99DR5	3	10	7	13	<.3	7	2	134	1.03	3	<8	<2	3	33	.3	<3	3	14	.42	.007	7	41	.16	42	.06	<3	.84	.07	.13	14	3
HUM99DR6	4	11	3	3	<.3	7	1	101	.85	<2	<8	<2	<2	2	<.2	<3	<3	2	.03	.010	1	37	.04	12	.01	<3	.12	.01	.05	19	<2
HUM99DR7	2	27	4	15	<.3	16	5	173	1.21	<2	<8	<2	5	177	<.2	<3	<3	7	2.81	.045	22	26	.17	28	.09	<3	3.35	.29	.07	7	3
HUM99DR8	3	50	16	12	.4	20	6	209	2.01	<2	<8	<2	5	136	.2	<3	50	13	1.68	.011	14	29	.18	32	.04	3	2.34	.22	.08	40	2
HUM99DR9	4	95	5	2	.6	4	2	56	1.47	<2	<8	<2	<2	2	<.2	3	130	<1	.03	.001	<1	37	<.01	4	<.01	<3	.09	.01	.02	17	<2
RE HUM99DR9	4	96	3	1	.4	5	2	58	1.50	<2	<8	<2	<2	3	<.2	<3	134	1	.03	.001	<1	35	<.01	4	<.01	<3	.10	.02	.02	17	6
HUM99DB1	3	24	14	6	<.3	5	1	100	.89	2	<8	<2	7	3	<.2	<3	5	1	.03	.009	11	25	.03	12	<.01	<3	.19	.03	.14	12	<2
HUM99DB2	2	9	14	1	<.3	3	<1	47	.55	<2	<8	<2	5	3	.3	<3	4	<1	.03	.009	8	25	.01	17	<.01	<3	.15	.04	.12	9	2
HUM99DB3	1	11	20	29	<.3	33	6	208	1.63	<2	<8	<2	4	321	.4	<3	<3	20	3.15	.073	15	26	.24	5	.09	3	1.85	.20	.03	5	<2
HUM99DB4	1	13	8	4	<.3	6	1	108	.58	<2	24	<2	8	9	<.2	<3	3	2	.49	.021	4	8	.06	36	<.01	4	.31	.06	.15	4	<2
HUM99DB5	3	13	13	12	<.3	14	3	274	1.03	<2	<8	<2	2	245	<.2	<3	4	8	3.31	.039	8	30	.12	33	.04	<3	2.09	.10	.08	10	2
HUM99DB6	4	53	7	141	.4	19	5	478	1.62	2	<8	<2	9	349	2.9	<3	10	21	4.11	.169	35	40	.35	76	.08	7	5.15	.50	.12	149	22
HUM99DB7	3	26	7	39	<.3	15	6	164	1.91	<2	<8	<2	5	10	<.2	<3	<3	16	.18	.063	14	37	.41	60	.10	<3	.83	.02	.45	12	<2
HUM99DB8	3	7	14	18	<.3	9	2	172	1.11	<2	<8	<2	4	54	.3	<3	<3	16	.95	.078	10	44	.30	29	.04	3	1.73	.16	.20	11	2
HUM99DB9	4	4	3	2	<.3	6	1	80	.79	<2	<8	<2	<2	2	<.2	<3	<3	2	.04	.015	4	34	.13	10	.02	<3	.24	<.01	.13	16	38
HUM99DB10	1	71	5	27	<.3	45	13	189	2.32	<2	<8	<2	<2	34	<.2	<3	<3	30	.56	.059	4	85	.39	81	.25	<3	.54	.09	.21	3	33
HUM99DB11	4	10	6	4	<.3	7	1	85	.65	<2	<8	<2	<2	1	<.2	<3	3	2	.01	.002	1	33	.03	14	.01	<3	.10	<.01	.03	16	<2
HUM99DB12	2	22	9	37	<.3	17	6	319	2.63	<2	<8	<2	9	10	<.2	<3	4	58	.21	.011	10	63	.98	101	.18	3	1.36	.05	.37	7	<2
HUM99DB13	1	203	9	107	.3	97	45	846	5.61	<2	<8	<2	11	35	<.2	3	7	100	.61	.037	58	143	1.71	65	.44	8	2.18	.18	1.07	3	<2
HUM99DB14	2	31	7	49	<.3	50	15	273	2.86	<2	<8	<2	2	69	<.2	<3	<3	37	1.62	.118	12	50	.59	63	.26	3	1.18	.12	.38	8	<2
71599DB1	2	26	15	33	<.3	21	8	193	1.52	<2	<8	<2	9	263	.4	<3	5	19	4.94	.055	32	29	.22	32	.11	10	3.61	.60	.20	4	8
STANDARD C3/AU-R	26	65	36	165	5.5	37	11	781	3.33	58	17	3	19	29	23.5	22	26	82	.57	.087	19	170	.61	155	.10	19	1.83	.03	.15	20	462
STANDARD G-2	2	2	5	41	<.3	6	5	563	2.08	<2	<8	<2	3	71	<.2	<3	<3	43	.66	.094	8	79	.63	217	.15	<3	.95	.08	.48	2	<2

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 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 SR CA P LA CR MG BA TI B W AND MASSIVE SULFIDE AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 28 1999 **DATE REPORT MAILED:** Jul 2/99 **SIGNED BY** ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data / FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604) 253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Lodestone Explorations Co. Inc. PROJECT PAG/99 File # 9902480

P.O. Box 77, Eagle Creek BC V0K 1L0 Submitted by: D. Ridley

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
HUM99 DR10	3	69	10	85	.4	13	6	488	1.77	10	<8	<2	6	130	1.3	4	192	14	3.19	.250	20	68	.47	18	.03	6	2.71	.12	.08	1160	4
HUM99 DR11	1588	37	<3	78	<.3	16	6	319	1.48	<2	<8	<2	8	428	.5	<3	8	15	2.70	.196	34	41	.48	180	.06	<3	3.43	.22	.19	71	2
HUM99 DR12	111	106	4	68	.4	32	13	1063	2.89	4	<8	<2	10	65	.8	<3	4	25	2.06	.303	39	57	.63	514	.02	4	1.96	.10	.25	431	<1
HUM99 DR13	8	36	4	28	<.3	18	6	340	1.55	<2	<8	<2	9	132	.2	<3	<3	19	1.88	.038	30	44	.30	31	.09	<3	1.84	.19	.11	97	<1
HUM99 DR14	25	161	<3	1222	.4	37	14	1039	3.74	2	<8	<2	13	375	29.2	<3	12	21	4.79	.101	50	50	.72	69	.06	<3	6.91	.48	.18	72	<1
HUM99 DR15	8	12	11	8	.3	4	1	80	.76	<2	<8	<2	3	2	.2	3	113	1	.03	.007	4	24	.01	13	<.01	<3	.11	.02	.09	11	16
HUM99 DR16	3	37	<3	66	<.3	13	6	550	1.54	2	<8	<2	6	162	1.0	3	11	19	5.24	.046	14	40	.35	59	.05	5	4.00	.11	.07	493	<1
HUM99 DR17	3	88	<3	338	<.3	17	8	1460	2.31	4	<8	<2	7	219	7.0	<3	7	23	5.01	.043	21	48	.59	101	.07	4	4.97	.25	.07	631	1
HUM99 DR18	21	120	<3	766	.3	21	10	1132	2.60	4	<8	<2	6	278	17.7	<3	28	21	5.11	.064	25	57	.50	44	.07	6	5.07	.28	.08	701	<1
HUM99 DR19	2	80	<3	230	.4	14	7	689	1.86	18	<8	<2	5	157	4.7	<3	16	14	4.71	.306	19	99	.35	24	.04	10	3.27	.16	.12	2186	<1
HUM99 DR20	15	66	<3	41	<.3	20	7	395	2.02	<2	<8	<2	6	290	.3	<3	<3	28	3.32	.045	28	55	.49	71	.11	<3	4.67	.32	.20	162	<1
71599 DR10	3	5	5	5	<.3	4	1	212	.41	<2	8	<2	2	4	<.2	<3	3	1	.10	.027	2	21	.02	5	<.01	<3	.22	.04	.13	21	3
71599 DR11	2	3	6	32	<.3	5	3	266	1.31	<2	<8	<2	2	7	<.2	<3	<3	6	.04	.011	8	19	.28	46	.09	<3	.72	.04	.50	11	1
71599 DR12	1	31	8	27	<.3	32	11	167	1.77	<2	<8	<2	12	168	.2	<3	<3	17	4.23	.066	49	28	.19	30	.10	5	2.66	.25	.15	6	1
71599 DR13	1	14	9	28	<.3	19	5	155	.99	<2	<8	<2	11	262	.2	<3	<3	18	4.85	.047	40	27	.34	94	.09	5	6.27	.48	.15	4	26
RE 71599 DR13	1	14	9	28	<.3	19	5	154	.98	<2	<8	<2	10	259	<.2	<3	<3	18	4.81	.046	40	28	.34	92	.09	5	6.20	.47	.15	3	27
P99 DR1	3	5	3	11	<.3	4	1	132	.74	<2	<8	<2	3	34	<.2	<3	<3	3	.10	.004	4	27	.04	47	<.01	<3	.20	.02	.09	11	1
P99 DR2	15	12	4839	14	43.5	5	1	279	1.28	<2	<8	<2	6	48	1.8	<3	310	8	.25	.027	9	21	.08	172	<.01	<3	.37	.05	.12	10	14
P99 DR3	5	11	1066	9	12.8	2	1	126	1.07	<2	<8	<2	7	34	.2	<3	106	2	.13	.014	10	10	.03	143	<.01	<3	.27	.06	.14	3	18
SP99 DR1	3	4	31	3	.4	5	1	39	.65	13	<8	<2	2	6	<.2	<3	<3	1	.01	.003	8	31	.01	370	<.01	<3	.13	.01	.07	9	2
SP99 DR2	2	5	13	3	.3	4	1	35	.74	13	<8	<2	6	7	<.2	<3	<3	2	.01	.006	14	18	.02	411	<.01	4	.25	.01	.14	7	5
SP99 DR3	2	6	13	5	<.3	3	1	43	1.49	19	<8	<2	16	23	<.2	<3	<3	5	.02	.029	63	17	.06	806	<.01	<3	.58	.01	.32	3	1
SP99 DR4	3	22	8	21	<.3	12	10	109	1.95	20	<8	<2	11	10	<.2	<3	<3	5	.03	.026	19	25	.11	165	.01	<3	.44	.01	.20	8	1
SP99 DR5	3	44	10	5	.7	19	4	58	3.32	9972	9	<2	3	5	<.2	100	<3	2	.02	.010	7	28	.03	51	<.01	<3	.22	.01	.10	17	300
SP99 DR6	11	98	6	60	.5	36	8	188	2.22	25	8	<2	5	206	.6	<3	4	194	1.26	.272	10	61	.97	183	.07	<3	1.87	.09	.28	7	3
SP99 DR7	5	14	6	20	<.3	6	1	53	.67	19	<8	<2	<2	1	<.2	<3	<3	6	.01	.003	1	31	.01	12	<.01	<3	.05	<.01	.01	10	1
STANDARD C3/AU-R	26	64	35	165	5.9	37	13	781	3.38	57	22	2	19	28	23.5	15	22	82	.58	.087	19	170	.63	148	.09	19	1.79	.04	.16	20	480
STANDARD G-2	2	3	<3	42	<.3	8	5	537	2.00	2	<8	<2	3	69	.2	<3	<3	41	.65	.095	7	74	.61	227	.13	<3	.91	.08	.48	6	<1

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 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 SR CA P LA CR MG BA TI B W AND MASSIVE SULFIDE AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 27 1999 **DATE REPORT MAILED:** July 30/99 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ✓ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Lodestone Explorations Co. Inc. PROJECT PAG/99 File # 9904258

P.O. Box 77, Eagle Creek BC V0K 1L0 Submitted by: D. Ridley

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
HUM99 DR21	1880	119	24	172	2.9	32	12	1040	3.25	7	<8	4	13	463	3.2	4	109	25	6.72	1.158	39	56	.81	32	.05	<3	5.54	.20	.06	639	14
HUM99 DR22	8	23	17	13	.7	4	2	153	.91	2	12	<2	5	5	<.2	<3	148	1	.04	.014	4	16	.02	22	<.01	5	.26	.05	.18	8	4
HUM99 DR23	6	125	18	1757	2.7	16	10	446	2.07	19	8	<2	6	106	41.5	4	353	12	3.07	.161	17	30	.26	55	.05	9	2.28	.16	.09	3005	23
HUM99 DR24	5220	23	<3	103	<.3	22	5	368	1.39	12	<8	<2	3	568	1.0	4	188	26	7.16	.370	10	65	.37	22	.15	<3	4.55	.12	.04	806	20
HUM99 DR25	30300	28	<3	71	<.3	13	<1	417	.20	15	<8	<2	5	398	2.3	<3	68	22	7.02	.671	3	<1	.24	32	.07	<3	4.18	.14	.05	98	10
HUM99 DR26	53	5	<3	5	<.3	6	1	102	.35	<2	<8	<2	<2	4	<.2	<3	<3	1	.07	.005	<1	27	.01	3	<.01	3	.06	.01	.01	12	<1
RE HUM99 DR26	49	4	<3	5	<.3	6	1	95	.34	<2	<8	<2	<2	4	<.2	<3	3	1	.07	.005	<1	29	.01	3	<.01	4	.05	.01	.01	11	<1
STANDARD C3/AU-R	25	66	38	177	5.9	37	13	807	3.34	55	26	3	21	28	24.0	19	26	78	.56	.089	17	168	.60	144	.08	21	1.88	.04	.16	22	522

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK AU* GROUP 3A - 10.00 GM SAMPLE, AQUA-REGIA,MIBK EXTRACT, ANALYSIS BY GF/AA.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 3 1999 **DATE REPORT MAILED:** Nov 12/99 **SIGNED BY** .....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604) 253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Lodestone Explorations Co. Inc. PROJECT PAG/99 File # 9902758

P.O. Box 77, Eagle Creek BC V0K 1L0 Submitted by: D. Ridley

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
SP99 DR8	4	19	60	32	.6	22	9	49	3.01	94	<8	<2	7	9	<.2	<3	<3	4	.03	.039	12	25	.03	177	<.01	<3	.38	.02	.18	8	10
SP99 T1-1	2	28	20	45	.3	23	9	625	2.81	60	<8	<2	12	27	<.2	<3	<3	16	.42	.032	31	33	.47	173	.03	<3	1.09	.02	.27	6	3
SP99 T1-2	5	23	11	39	.6	25	10	227	2.47	3137	<8	<2	10	13	<.2	25	<3	13	.05	.024	20	41	.38	96	.01	<3	1.13	.01	.33	8	82
SP99 T1-3	3	12	43	307	.7	9	4	136	1.41	160	<8	<2	11	7	.6	<3	<3	6	.04	.024	17	26	.13	71	.01	<3	.57	.01	.20	8	<1
SP99 T1-4	3	26	11	76	<.3	33	13	670	3.33	33	<8	<2	12	30	<.2	<3	<3	31	.58	.043	27	56	1.04	462	.10	<3	2.17	.08	.82	4	2
RE SP99 T1-4	4	26	11	76	.3	33	13	669	3.36	36	<8	<2	12	30	<.2	<3	<3	31	.58	.042	27	55	1.04	463	.10	<3	2.20	.08	.82	5	1
SP99 DB1	3	27	11	31	<.3	14	6	212	1.91	7	<8	<2	5	9	.3	<3	<3	11	.13	.014	8	40	.41	29	.04	<3	.95	.04	.25	10	<1
HEN99 DR1	2	58	18	43	.3	19	18	411	3.95	53	<8	<2	<2	83	.3	10	<3	154	1.44	.179	4	42	.84	130	.17	4	1.66	.39	.71	3	2
STANDARD C3/AU-R	26	64	36	170	5.7	36	13	787	3.27	54	19	4	21	29	24.3	19	22	79	.58	.090	18	165	.58	143	.08	21	1.83	.04	.16	15	501
STANDARD G-2	2	4	3	45	<.3	8	5	565	2.05	<2	<8	<2	4	74	<.2	<3	<3	40	.68	.100	8	77	.60	221	.12	<3	1.00	.08	.49	2	<1

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 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 SR CA P LA CR MG BA TI B W AND MASSIVE SULFIDE AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 9 1999 DATE REPORT MAILED: Aug 17/99 SIGNED BY. C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ✓ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

Lodestone Explorations Co. Inc. PROJECT PAG/99 File # 9902480R

P.O. Box 77, Eagle Creek BC V0K 1L0 Submitted by: D. Ridley

SAMPLE#	W %
HUM99 DR10	.13
HUM99 DR12	.06
HUM99 DR18	1.60
HUM99 DR19	.29
HUM99 DR20	.03
RE HUM99 DR20	.02

W BY FUSION, ANALYSIS BY ASSAY ICP.
- SAMPLE TYPE: ROCK PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 11 1999 DATE REPORT MAILED: Aug 24/99 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data A FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

Lodestone Explorations Co. Inc. PROJECT PAG/99 File # 9904258R

P.O. Box 77, Eagle Creek BC V0K 1L0 Submitted by: D. Ridley

SAMPLE#	Mo %	Zn %	W %
HUM99 DR21	.165	-	.07
HUM99 DR23	-	.15	.29
HUM99 DR24	.551	-	.08
HUM99 DR25	3.116	-	.01
RE HUM99 DR25	3.061	-	.01

MO & ZN - MULTI ELEMENT ASSAY - 1.000 GM SAMPLE, AQUA - REGIA DIGESTION TO 100 ML, ANALYSED BY ICP-ES.
W BY FUSION, ANALYSIS BY ASSAY ICP.
- SAMPLE TYPE: ROCK PULP Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 25 1999 **DATE REPORT MAILED:** Dec 9/99 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ___ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

Lodestone Explorations Co. Inc. PROJECT PAG/99 File # 9901947R

General Delivery, Eagle Creek BC V0K 1L0 Submitted by: D. RIDLEY

SAMPLE#	W %
71599DR5	.13
HUM99DB6	.02
RE HUM99DB6	.02

W BY FUSION, ANALYSIS BY ASSAY ICP.
- SAMPLE TYPE: ROCK PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 25 1999 **DATE REPORT MAILED:** Dec 9/99 **SIGNED BY.** C. Toye D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data d FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Lodestone Explorations Co. Inc. PROJECT PAG/99 File # 9904257 Page 1

P.O. Box 77, Eagle Creek BC V0K 1L0 Submitted by: D. Ridley

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
F99 BL15N 18E	3	44	20	81	.4	178	31	577	4.21	<2	<8	<2	8	39	.7	<3	6	40	.37	.066	36	63	.82	208	.13	<3	4.01	.03	.59	9
F99 BL15N 18+25E	4	19	13	48	<.3	28	10	282	2.10	<2	<8	<2	7	21	.2	<3	23	22	.29	.084	22	25	.42	81	.10	<3	1.67	.02	.37	14
F99 BL15N 18+50E	3	13	9	29	<.3	22	8	246	1.63	<2	<8	<2	8	18	<.2	<3	7	16	.31	.108	22	17	.30	55	.07	<3	1.28	.02	.26	15
F99 BL15N 18+75E	4	27	10	47	<.3	38	14	396	2.25	2	<8	<2	10	19	.2	<3	8	24	.29	.093	24	27	.53	113	.12	<3	1.52	.03	.53	26
F99 BL15N 19E	2	37	8	47	<.3	38	9	283	2.08	2	<8	<2	10	35	.4	<3	4	23	.34	.086	28	26	.48	116	.10	<3	1.46	.03	.46	10
F99 BL15N 19+25E	3	31	12	53	<.3	32	8	256	2.16	2	<8	<2	9	13	.2	3	6	22	.21	.069	26	27	.49	94	.12	<3	1.88	.02	.41	14
F99 BL15N 19+50E	4	35	11	57	<.3	37	13	374	2.61	<2	<8	<2	11	19	.2	3	8	31	.22	.065	26	37	.63	186	.14	<3	2.12	.02	.66	6
F99 BL15N 19+75E	3	31	8	59	<.3	35	10	309	2.27	2	<8	<2	9	15	.2	4	4	26	.21	.068	21	29	.59	129	.13	<3	1.59	.02	.59	8
F99 BL15N 20E	2	16	5	45	<.3	25	10	270	1.83	2	<8	<2	7	15	<.2	3	<3	20	.26	.086	19	21	.43	82	.10	<3	1.35	.02	.43	19
F99 BL15N 20+25E	6	36	11	93	<.3	46	15	321	3.62	<2	<8	<2	8	25	.5	<3	6	35	.36	.094	28	38	.72	126	.14	<3	2.98	.02	.55	31
F99 BL15N 20+50E	7	45	21	76	.4	39	19	469	3.85	3	8	<2	8	17	.6	3	8	31	.24	.072	30	33	.38	96	.12	<3	2.99	.02	.31	13
F99 BL15N 20+75E	2	41	4	54	<.3	47	14	326	2.47	<2	<8	<2	11	17	.2	3	<3	27	.28	.095	27	34	.72	134	.14	<3	1.71	.03	.68	6
F99 BL15N 21E	1	28	7	50	<.3	44	13	335	2.22	3	<8	<2	9	25	.2	3	<3	25	.32	.081	25	29	.61	108	.12	<3	1.78	.03	.53	12
F99 BL15N 21+25E	1	16	5	35	<.3	30	9	245	1.70	<2	<8	<2	9	16	<.2	3	3	19	.29	.094	23	20	.47	81	.09	<3	1.21	.02	.41	14
F99 BL15N 21+50E	2	27	9	60	<.3	38	10	428	2.38	3	<8	<2	10	19	.2	<3	<3	28	.28	.086	27	30	.61	124	.13	<3	1.75	.03	.60	9
F99 BL15N 21+75E	2	29	5	62	<.3	32	11	245	2.29	3	<8	<2	10	13	.3	<3	<3	25	.26	.092	24	27	.55	111	.13	<3	1.43	.02	.60	13
F99 BL15N 22E	1	14	6	52	<.3	22	10	278	2.11	<2	<8	<2	9	11	<.2	3	<3	24	.18	.058	24	25	.45	91	.11	<3	1.37	.02	.48	15
F L18E 15+50N	5	9	10	20	<.3	10	3	111	1.58	<2	<8	<2	2	23	.2	<3	<3	31	.22	.022	13	20	.19	46	.11	<3	.77	.02	.11	5
F L18E 14+50N	4	14	10	56	<.3	17	5	265	2.95	2	<8	<2	4	37	.4	<3	<3	41	.33	.026	14	23	.23	99	.15	<3	1.03	.01	.13	9
F L18E 14N	5	36	11	55	.6	71	27	882	2.38	<2	<8	<2	<2	44	.3	<3	3	28	.51	.093	49	47	.48	112	.07	<3	2.86	.02	.22	6
F L18E 13+50N	8	28	11	47	<.3	28	6	290	2.89	3	<8	<2	3	23	.3	<3	<3	38	.19	.042	29	33	.39	116	.12	<3	1.65	.01	.24	3
F L18E 13N	8	31	14	49	.6	30	5	220	3.56	3	<8	<2	4	24	.6	<3	6	50	.27	.037	24	38	.30	127	.15	<3	1.59	.01	.23	68
RE F L18E 13N	8	33	16	52	.5	32	5	231	3.75	3	<8	<2	4	26	.5	<3	4	53	.28	.039	25	39	.32	134	.16	<3	1.67	.01	.23	65
F L19E 16N	7	15	11	43	<.3	30	6	138	1.62	3	<8	<2	4	19	.3	<3	4	45	.18	.037	17	69	.36	78	.12	<3	2.53	.01	.12	29
F L19E 15+50N	12	26	21	37	.3	14	5	186	1.42	<2	<8	<2	6	20	.5	3	5	27	.18	.015	22	25	.31	87	.14	<3	1.00	.02	.14	2
F L19E 14+50N	32	77	16	90	.8	84	18	804	3.54	2	<8	<2	3	46	.5	3	5	44	.39	.082	67	47	.55	172	.11	<3	3.14	.02	.42	7
F L19E 14N	15	35	13	153	.7	56	18	378	3.47	2	<8	<2	6	14	.5	7	<3	39	.12	.037	32	45	.50	119	.15	<3	2.82	.01	.36	14
F L19E 13+50N	26	103	21	92	.3	83	15	347	4.79	<2	<8	<2	6	14	.6	<3	7	53	.06	.037	31	61	.78	197	.19	<3	4.52	.02	.68	2
F L19E 13N	17	20	9	49	<.3	26	7	210	3.59	3	<8	<2	6	10	.2	<3	<3	53	.07	.032	23	45	.67	104	.21	<3	1.83	.01	.41	<2
F L20E 16N	3	26	14	20	<.3	21	3	88	.93	2	9	<2	<2	14	<.2	<3	3	14	.16	.068	29	25	.24	52	.05	<3	1.92	.02	.13	4
F L20E 15+50N	6	11	17	19	<.3	7	2	70	.87	2	<8	<2	4	15	<.2	<3	<3	21	.14	.016	20	18	.17	52	.13	<3	.72	.02	.12	<2
F L20E 14+50N	8	21	7	60	<.3	33	9	222	3.35	3	<8	<2	5	22	.2	3	3	40	.19	.031	21	38	.59	91	.15	<3	1.92	.01	.33	5
F L20E 14N	10	27	13	36	.3	19	21	458	2.05	<2	<8	<2	<2	19	<.2	4	<3	29	.15	.062	23	23	.25	52	.06	<3	1.90	.02	.15	15
F L20E 13+50N	4	13	7	40	<.3	17	8	250	2.16	<2	<8	<2	5	9	.2	<3	<3	35	.05	.028	22	26	.36	76	.14	<3	1.21	.01	.23	2
F L20E 13N	2	14	12	67	.3	23	7	195	3.95	3	<8	<2	6	13	.4	3	<3	53	.12	.060	20	41	.53	127	.19	<3	2.89	.01	.29	2
STANDARD C3	29	69	39	173	6.1	39	13	821	3.54	57	22	4	23	31	26.1	24	25	86	.60	.097	19	185	.62	162	.09	22	2.02	.05	.18	20
STANDARD G-2	2	3	4	43	<.3	7	4	543	2.07	<2	<8	<2	4	85	<.2	<3	<3	42	.68	.099	8	80	.59	249	.13	<3	1.09	.12	.54	2

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 3 1999 **DATE REPORT MAILED:** Nov 12/99 **SIGNED BY.** ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only. Data FA

ACME ANALYTICAL

Lodestone Explorations Co. Inc. PROJECT PAG/99 FILE # 9904257 Page 2

ACME ANALYTICAL

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
F L21E 15+50N	5	15	17	66	.6	21	8	228	3.89	6	<8	<2	7	9	<.2	3	8	47	.09	.034	16	42	.44	73	.18	<3	1.65	.01	.19	19
F L21E 14+50N	5	23	12	49	.3	21	9	308	2.26	2	<8	<2	<2	18	<.2	<3	5	27	.20	.051	23	23	.33	53	.09	<3	1.37	.01	.16	11
F L21E 14N	5	33	16	73	.4	53	11	288	3.81	<2	<8	<2	4	10	<.2	<3	<3	38	.08	.028	18	41	.61	92	.16	5	2.49	.01	.39	3
F L21E 13+50N	4	23	14	46	.3	17	13	750	2.08	3	<8	<2	2	11	<.2	<3	3	36	.08	.029	22	24	.30	71	.11	<3	1.41	.01	.20	3
F L21E 13N	1	9	12	43	<.3	10	5	181	2.08	3	<8	<2	3	8	<.2	<3	<3	35	.08	.077	17	20	.29	72	.12	<3	1.15	.01	.22	<2
F L22E 16N	1	6	5	18	<.3	5	2	68	1.00	<2	8	<2	5	10	<.2	<3	<3	31	.08	.014	16	15	.06	44	.07	<3	.37	.01	.04	4
F L22E 15+50N	2	23	8	19	<.3	11	10	175	1.05	2	<8	<2	<2	20	.5	<3	3	16	.15	.052	27	10	.06	34	.03	<3	1.57	.01	.04	5
F L22E 14+50N	4	39	14	48	.3	23	7	197	2.08	2	<8	<2	<2	20	<.2	<3	3	29	.17	.046	29	23	.33	62	.08	3	1.67	.01	.23	3
RE F L22E 14+50N	4	40	16	50	.4	24	7	199	2.16	3	<8	<2	<2	20	.2	<3	<3	30	.18	.047	30	26	.34	64	.08	<3	1.73	.02	.23	4
F L22E 14N	3	16	14	30	.4	8	3	119	1.21	3	<8	<2	<2	12	<.2	<3	<3	26	.10	.024	16	16	.13	47	.08	<3	.82	.01	.09	2
F L22E 13+50N	8	30	14	46	.4	25	10	356	2.44	2	<8	<2	2	25	<.2	<3	<3	37	.21	.030	20	30	.38	86	.13	3	1.51	.01	.30	3
F L22E 13N	4	32	11	74	.3	44	14	280	3.40	3	<8	<2	6	11	<.2	<3	<3	39	.10	.034	27	44	.74	135	.16	<3	2.60	.01	.50	3
STANDARD C3	25	66	38	177	5.9	37	13	807	3.34	55	26	3	21	28	24.0	19	26	78	.56	.089	17	168	.60	144	.08	21	1.88	.04	.16	22
STANDARD G-2	2	4	6	47	<.3	8	5	565	2.04	2	<8	<2	4	70	<.2	<3	<3	41	.63	.098	8	77	.59	224	.12	5	.95	.07	.50	4

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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ROCK SAMPLE SHEET

PAG 199

Sampler D. Ridley
Date June - Oct 199

Property Spanish stock

NTS _____

SAMPLE NO.	DESCRIPTION				ADDITIONAL OBSERVATIONS	ASSAYS				
	Sample Width	Rock Type	Alteration	Mineralization		Au	W	As	Sb	
SP99 DR1	1m	quartz vein	sericite	trace pyrite	upper (new) south trending arterial 200m from junction with 7300 Road: in qtz-sericite schist: vein trends 020/90 W:	2	9	13	<3	
SP99 DR2	5m	qtz-sericite schist	qtz sericite	trace pyrite	@ DR1: grab from outcrop trending 020/90: shear zone trending 135/90: contains 15cm clay gouge zone.	5	7	13	<3	
SP99 DR3	15cm	clay gouge	clay	no visible sulphides	@ DR2:	1	3	19	<3	
SP99 DR4	20cm	qtz vein	chlorite qtz sericite	f.gr. pyrite to 5%	4m N of DR1: qtz is smoky blue f.gr. sulphides??	1	8	20	<3	
SP99 DR5	G	"	biotite quartz sericite	pyrite to 5%	@ 300 m north of 7300 road junction: biotite schist foliation @ 088/90: poorly exposed outcrop.	300	17	9 1/2	100	
SP99 DR6	1m	qtz vein in chlorite schist	limonite	up to 3% pyrite	@ 1 km north of 7300 road junction: poor exposure:	3	7	25	<3	
SP99 DR7	1m	qtz vein in black sediments	" "	rare pyrite	100 m north of DR6: milky white qtz vein: stockwork in f.gr. finely laminated black sediments: vein @ 010/90: bleached trend 040/80E (bedding) cut by rusty shear @ 150/60E	1	10	19	<3	
SP99 DR8	F	chlorite schist	quartz stockwork	pyrite to 1%	large angular boulder beside road between DR1 + DR5.	10	8	94	<3	

C-CHIP G-GRAB F-FLOAT

ROCK SAMPLE SHEET

PAG /99

Sampler D. Ridley
Date June-Oct /99

Property P vein (7000 Road)

NTS _____

SAMPLE NO.	Sample Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
		Rock Type	Alteration	Mineralization		Au	W	Pb	Ag	Bi
P99 DR1	G	quartz vein	muscovite sericite limonite	trace pyrite	@ P vein on South side of road. : vein 10-15cm wide: strong fractures in leuco-granite @ 040/90	1	11	3	<3	<3
P99 DR2	10cm	"	carbonate sericite	minor galena pyrrhotite	10 m East of DR1: abundant muscovite (sericite?)	14	10	489/99	43.5	310
P99 DR3	50cm	leuco-granite	"	rare galena	subcrop @ DR2: probably shear-related.	18	3	1966	12.8	106

C-CHIP G-GRAB F-FLOAT

ROCK SAMPLE SHEET

PAG-/99

Sampler D. Ridley

Date June - Oct /99

Property 715 Area.

NTS

SAMPLE NO.	Sample Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
		Rock Type	Alteration	Mineralization		Au	W			
715 99 DR1	1m	calc-silicate	calcite diopside?	trace pyrrhotite	near end of 715 road (625 m from 7300 road). poorly exposed outcrop:	4	3			
71599 DR2	10cm	quartz vein	carbonate sericite	no visible sulphides	≈ 175 m west of DR1 on 715 road: vein hosted in schist trends 212/90:	42	12			
715 99 DR 3	25cm	granite dyke	quartz stockwork	" "	@ DR2: parallel to DR2 vein:	42	8			
715 99 DR4	1m	schist dyke	limonite	trace pyrrhotite.	@ 275 m west of DR1 on 715 road.; general trend of dyke 225/70 SE	2	4			
71599 DR5	F	altered schist	carbonate diopside?	minor pyrrhotite	@ 310 m east of junction of 7300 + 715 roads: good response with u.v. light.	42	1178			
71599 DR6	F	calc-silicate	quartz veinlets	" "	on 7300 Road ± 300m east of 7316 km post: float in creek 71599DS1:	23	38			
71599 DR7	F	"	"	up to 1% pyrrhotite	@ DR6: very angular:	81	10			
71599 DR8	1.5m	f. gr. granitic dyke	sericite	trace pyrite	@ 400 m west of 7318 km post: cutting biotite-quartz gneiss: dyke trend 150/90: foliation in gneiss @ 080/75S.	9	8			
71599 DR9	G	qtz-biotite schist	quartz veinst stringers	no visible sulphides	@ 200 m east of end of 715 road: strong fractures @ 160/90	4	9			
71599 DR10	1m	granite pegmatite	tourmaline muscovite quartz	" "	@ 371 m on 715 Road: grab from subcropping dyke.	3	21			
71599 DR11	1m	"	"	" "	@ 500 m on 715 Road: biotite pseudos after tourmaline??:	1	11			
71599 DR12	F	calc-silicate	limonite	minor pyrrhotite	@ DR5: on 715 Road: outcrop below (i.e @ DR-1) trends 078/85W: hanging wall side of granite pegmatite.	1	6			
71599 DR13	F	"	quartz stringers	up to 1% pyrrhotite	@ DR6+7: quite angular.	26	4			

C-CHIP G-GRAB F-FLOAT

ROCK SAMPLE SHEET

(PAG/99)

Sampler D. Ridley
Date June - July/99
Property HUM AREA (7200 Road) Page ① of
NTS

SAMPLE NO.	Sample Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
		Rock Type	Alteration	Mineralization		Au	W	Mo	Zn	Cu
HUM99 DR1	F	felsic granite	clay, quartz, garnet?	minor pyrite trace molybdenite	end of 7200 road @ new bridge: grey qtz vein 1cm wide contains trace moly:	<2	10	36	2	4
HUM99 DR2	1m	granite pegmatite dyke	clay, quartz	trace pyrite	elev. 1290m: ± 35m W of edge of clearcut above DR1: dyke cutting qtz-biotite schist: probable trend 120/90: vugs within dyke contain quartz + muscovite crystals.	<2 fire	10	2	13	9
HUM99 DR3	1-5m	chlorite schist, amphibolite gneiss	garnet, biotite	trace pyrite	west side Nickel Creek, just above 1st tributary: foliation @ 075/35S	<2	4	2	63	15
HUM99 DR4	35cm	qtz vein in qtz-mica schist	none noted	no visible sulphides	"A" road @ west end upper clearcut beside road: 15cm wide qtz vein	<2	12	3	40	27
HUM99 DR5	F	white qtz vein	limonite	trace pyrite	≈ 84m west of DR4: very angular: probable subcrop.	3	14	3	13	10
HUM99 DR6	F	"	biotite muscovite	no visible sulphides	@ 560m west of DR4: patchy "amber-coloured" quartz + vugs with muscovite-quartz crystals.	<2	19	4	3	11
HUM99 DR7	F	calc-silicate	carbonate, quartz, diopside?	up to 1% pyrrhotite trace chalcopyrite	common float (quite angular), found around stream HUM99DS8:	3	7	2	15	27
HUM99 DR8	F	med-grain granite	quartz stockwork, muscovite	1-2% pyrrhotite minor euhedral pyrite trace chalcopyrite	@ DR7: angular float: * 50 ppm Bi *	2	40	3	12	50
F HUM99 DR9	F	quartz vein	limonite	up to 1% pyrite	@ junction of 7200 + "C" roads. very angular: likely subcrop. * 150 ppm Bi *	<2	17	4	2	95
F HUM99 DR10	F	"	"	pyrite to 1%	@ ≈40m east of HUM99DB6 on 7200 road: in skarned calc-silicate rocks: * ASSAY 0.13% W * * 192 ppm Bi * (Fox claims)	4	11/60	3	85	69
F HUM99 DR11	F	"	"	pyrite to 1% minor molybdenite	@ DR10: trace molybdenite seen in outcropping qtz veins just above this sample: needs trenching to uncover true extent of mineralization. (Fox)	2	71	15/8	78	37
F HUM99 DR12	F	"	"	pyrite to 1% minor molybdenite-sphalerite.	@ DR10 + 11: angular float: calc-silicate beds trend 100/30S * ASSAY 0.06% W * (Fox)	<1	431	111	68	106
F HUM99 DR13	G	calc-silicate	K-spar garnet quartz	minor pyrrhotite trace chalcopyrite	@ junction 7200 + "C" road: near 7215 km post. grab from subcrop rubble over 50cm square: needs trenching.	<1	97	8	28	36
F HUM99 DR14	G	"	quartz veinlets	minor sphalerite as fracture fillings trace molybdenite	≈ 15m east of DR13:	<1	72	25	122/2	161
F HUM99 DR15	G	felsic granite	quartz stockwork	no visible sulphides	@ 15m west of 7215 junction: sheeted qtz veinlets @ 280/70N: * 113 ppm Bi *	16	11	8	8	12

C-CHI G-GRAB F-FLOAT

ROCK SAMPLE SHEET

(PAG./99)

Sampler D. Ridley
Date July - Oct/99

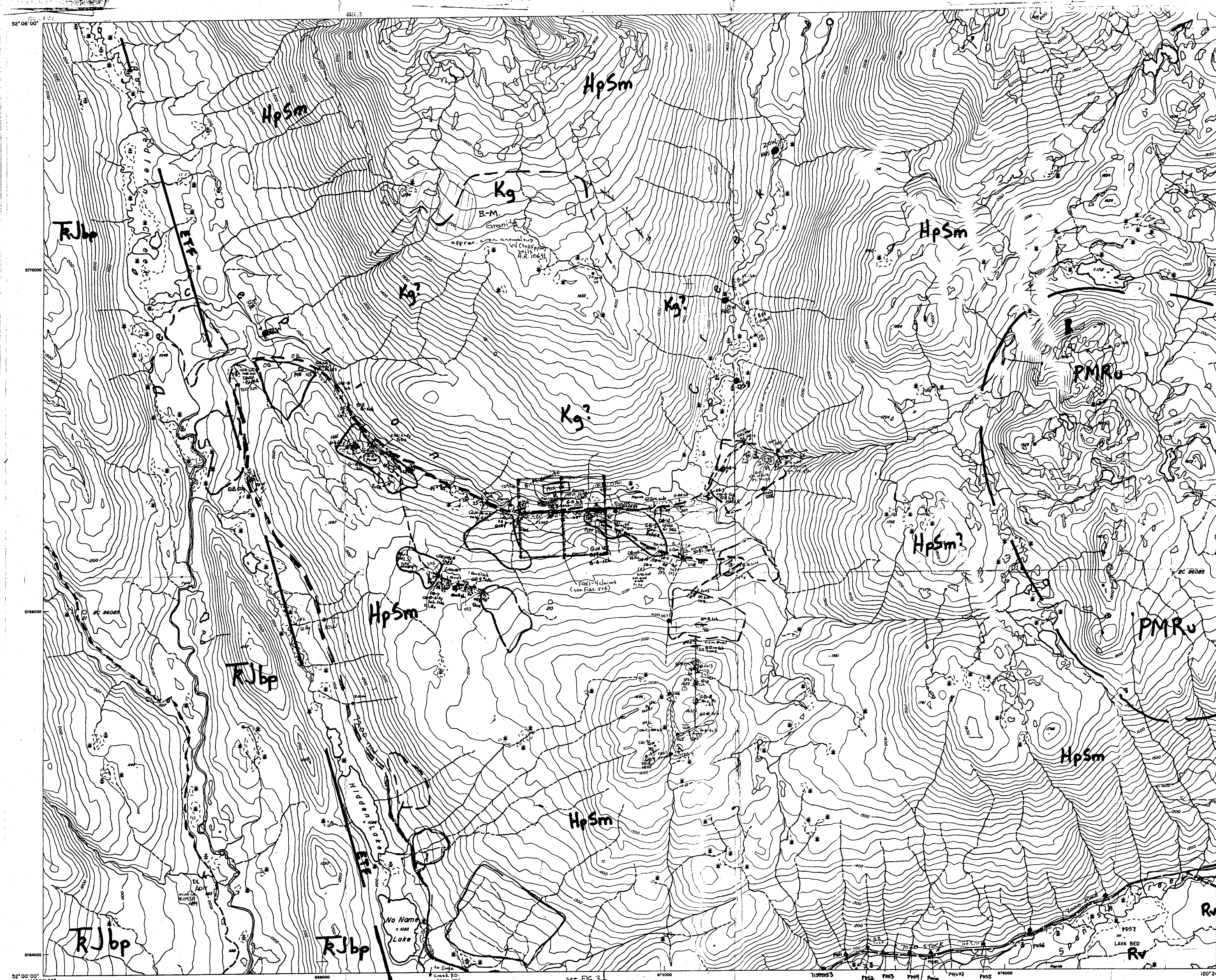
Property HUM AREA (7200 Road)

Pg @ of

NTS

	SAMPLE NO.	Sample Width	DESCRIPTION: Rock Type	DESCRIPTION: Alteration	DESCRIPTION: Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Au	W	Mo	Zn	Cu
F	HUM 99 DR 16	G	skarn	garnet actinolite quartz	minor pyrrhotite	@ DR12: boulder = 35cm diameter: outcrop nearby is calc-silicate:	<1	493	3	66	37
F	HUM99 DR17	G	"	"	"	@ 4 m east of DR16: good response to u.v. light	1	631	3	338	88
F	HUM99 DR18	G	"	"	up to 1% pyrrhotite trace chalcopyrite-sphalerite	@ 5m east of DR17: good response to u.v. light * ASSAY 1.60% W *	<1	701	21	766	120
F	HUM99 DR19	G	"	"	1-2% pyrrhotite trace chalcopyrite-sphalerite	@ 5m east of DR18: probable subcrop: trend to mineralized zone 200/60W: possibly en-echelon veins. * ASSAY 0.29% W *	<1	2186	2	230	80
F	HUM 99 DR 20	F	"	calc-silicate	trace pyrrhotite	@ 241 m east of I.P. for Fox 1-4 claims: along 7200 road * ASSAY 0.03% W *	<1	162	15	41	66
F	HUM99 DR21	F	calc-silicate	limonite qtz vein 0.5cm	minor molybdenite-trace sphalerite-scheelite	≈ 6m NE of L22E: 14+50N: * 109 ppm Bi @ Assay 0.165% Mo: 0.07% W	14	639	1880	172	119
F	HUM99 DR22	F	leuco granite	quartz veins-sericite	minor euhedral pyrite trace sphalerite??	≈ 5 m NE of L22E: 13+75N: * * 148 ppm Bi	4	8	8	13	23
F	HUM99 DR23	G	calc silicate	quartz veining	minor sphalerite-scheelite trace cpy	probable subcrop @ ≈ 10m NW of L20E: 13+75N: * 353 ppm Bi Assay 0.15% Zn: 0.29% W	23	3093	6	1757	125
F	HUM99 DR24	G	skarned calc-silicate	actinolite? garnet quartz	up to 1% disemm-molybdenite	@ 18+10N: 18+25E: much similar material in vicinity: probable subcrop * 188 ppm Bi Assay 0.551% Mo: 0.08% W.	20	806	5220	103	23
F	HUM99 DR25	G	"	"	up to 3% disemm fracture-fill molybdenite	@ 10 m W of DR24: probable subcrop * 68 ppm Bi Assay 3.116% Mo: 0.01% W	10	98	30100	71	28
F	HUM99 DR26	G	biotite muscovite granite	quartz vein (7cm) sericite??	up to 2% pyrrhotite along vein margins	≈ 25 m upstream of L18E on Deception Creek.	<1	12	53	5	5

C-CHIP G-GRAB F-FLOAT



LEGEND

Transportation

Road, paved
Road, gravel
Road, rough
Trail/Cutline/Seismic line
Railway, single track
Railway, double track
Railway, multiple track
Railway, abandoned
Wall, retaining
Cut/Fill
Bridge, to scale, symbolized
Tunnel, to scale, symbolized

Landmark features

Building, to scale, symbolized
Built up area
Fence
Transmission line
Tower

Drainage and related features

Coastline/River/Stream, definite
Coastline/River/Stream, indefinite
River/Stream, intermittent
River/Stream, split
Lake, definite
Lake, indefinite
Dyke
Flooded land
Swamp/Marsh
Beaver dam
Dock/Wharf/Pier, symbolized
Island, symbolized
Water level

Relief features

Contour, index, definite
Contour, intermediate, definite
Contour, intermediate, indefinite
Contour, intermediate, depression
Spot height

Vegetation

Wooded area

Control data

Control point, horizotal, permanently marked
Control point, vertical, permanently marked

Cadastral

Surveys of Federal and Provincial Crown Land
Sub-division of Provincial Crown Land
Rights-of-way:
Township
District lot/Township section/Indian reserve
Mineral claim/Coal or Phosphate licence
Rights-of-way, transportation
1/4 section/Foreshore lot/Subdivision/ Rights-of-way, utilites
Cadastral tie

For complete reference to symbols, see "Specifications and for Digital Baseline Mapping at 1:20 000" published by the Crown Lands.

Notes

Digital data and additional copies of this map are available MAPS-BC, Surveys and Resource Mapping Branch, Ministry Lands, Parliament Buildings, Victoria B.C. V8V 1X4

LODESTONE EXPLORATIONS CO. INC.
Geology and Sample Locations
DECEPTION CREEK AREA, BC
NTS 93A\1 & 2 (93A 008)
DW RIDLEY; January 2000; FIGURE 4
SCALE 1:20000 (see bar scale)

GEOLOGY

RV Recent basaltic flows (Flourmill Flows)
Kg Cretaceous(?) granite to granodiorte (Deception stock)
TrJbp Triassic Nicola Group basal balack phyllites
PMRu Permian(?) Redfern Ultramafic Complex; may be equivalent to Slide Mountain Group.
Hpsm Paleozoic and older(?) metasediments, calc-silicate gneiss, amphibolite, limestone

PDS1 stream sediment sample
X HUM99 DR1 rock sample
road

GEOLOGY HUM ROAD
JUNE 21-25, 1999

Approximate Mean Declination 1993 for Centre of Map
Decreasing 10.5' Annually

93A.017	93A.018	93A.019
93A.007	93A.008	93A.009
92P.097	92P.098	92P.099

Adjoining Sheet Index in the British Columbia Geographic System.

99-29 ①

This map was produced in 1993 for the B.C. Ministry of under its Terrain Resource Information Management (TRIM) by the Digital Mapping Group Limited (DMG), 1:60 000 scale aerial photography flown in August, 198-

PROVINCE OF BRITISH COLUMBIA
Ministry of Crown Lands

Universal Transverse Mercator Projection
North American Datum - NAD83

Land District:
Land Title Dist.:

SCALE 1:20 000
200 0 200 400 600 800 1000 1200 1400

Contours generated from Digital Elevation Model.
Contour interval 20 metres.
Elevations in metres above Mean Sea Level

DIGITAL DATA AVAILABLE
PLANIMETRY ☒ CONTOUR ☒

93A.008 DIGITAL