BRITISH COLUMBIA

PROSPECTORS ASSISTANCE PROGRAM

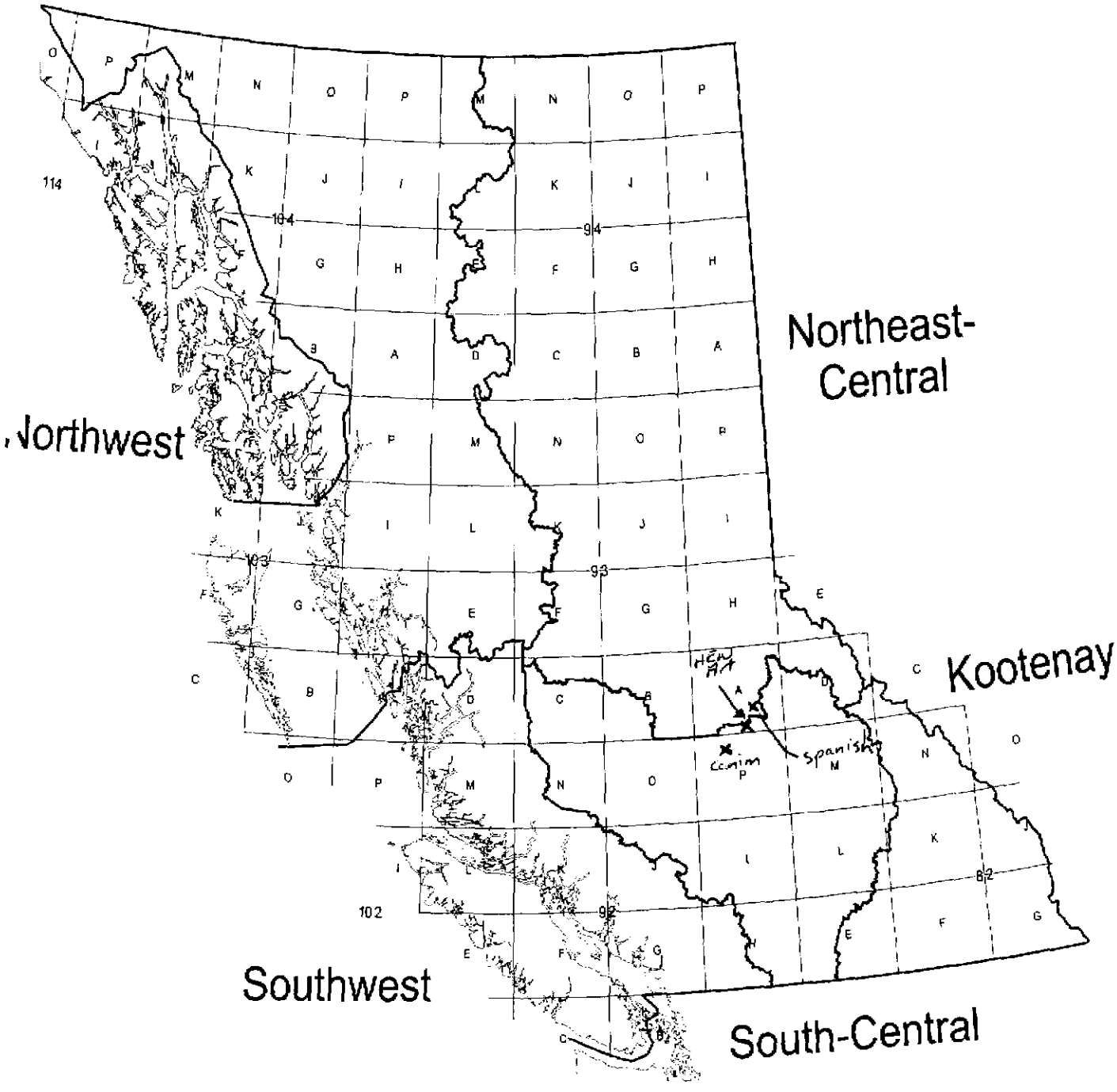
MINISTRY OF ENERGY AND MINES

GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR:	2001/2002
REPORT #:	PAP 01-29
NAME:	DAVE RIDLEY

PROGRAM PROPOSAL - PART B
Location of Proposed Project(s)

Indicate on this map (using an "X") the general location of each of the projects covered by this proposal.



D. TECHNICAL REPORT

BRITISH COLUMBIA
Ministry of Energy and Mines
Energy and Minerals Division

- One technical report to be completed for each project area.
- **Refer to Program Regulations 15 to 17, page 6.**

SUMMARY OF RESULTS

- This summary section must be filled out by all grantees, one for each project area

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

Name Dave Ridley Reference Number 01-02 P-50

LOCATION/COMMODITIES

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

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

Description of Location and Access see report

Prospecting Assistants(s) - give name(s) and qualifications of assistant(s) (see Program Regulation 13, page 6)

Main Commodities Searched For gold

Known Mineral Occurrences in Project Area several poorly explored gold-arsenic showings on property

WORK PERFORMED

1. Conventional Prospecting (area) 2 x 5 kilometers (approx.)
2. Geological Mapping (hectares/scale) _____
3. Geochemical (type and no. of samples) 5 silt 7 rock
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) _____

FEEDBACK: comments and suggestions for Prospector Assistance Program

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Name Dave Ridley Reference Number 01-02 P-50

LOCATION/COMMODITIES

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

Location of Project Area NTS 93A/2 ; 92P/16 Lat _____ Long _____

Description of Location and Access See report

Prospecting Assistants(s) - give name(s) and qualifications of assistant(s) (see Program Regulation 13, page 6)

Main Commodities Searched For gold - base metals

Known Mineral Occurrences in Project Area none known

WORK PERFORMED

1. Conventional Prospecting (area) 500 meter square
2. Geological Mapping (hectares/scale) _____
3. Geochemical (type and no. of samples) 2 rock
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) _____

FEEDBACK: comments and suggestions for Prospector Assistance Program _____

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- One technical report to be completed for each project area.
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SUMMARY OF RESULTS

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Name Dave Ridley Reference Number 01-02 P-50

LOCATION/COMMODITIES

Project Area (as listed in Part A) Canim North MINFILE No. if applicable NA

Location of Project Area NTS 92P/15 Lat _____ Long _____

Description of Location and Access See report

Prospecting Assistants(s) - give name(s) and qualifications of assistant(s) (see Program Regulation 13, page 6)

Main Commodities Searched For copper-gold

Known Mineral Occurrences in Project Area several minfile occurrances see map in report

WORK PERFORMED

1. Conventional Prospecting (area) 5 x 15 kilometer area
2. Geological Mapping (hectares/scale) _____
3. Geochemical (type and no. of samples) 9 rock
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) _____

FEEDBACK: comments and suggestions for Prospector Assistance Program

D. TECHNICAL REPORT

BRITISH COLUMBIA
Ministry of Energy and Mines
Energy and Minerals Division

- One technical report to be completed for each project area.
- **Refer to Program Regulations 15 to 17, page 6.**

SUMMARY OF RESULTS

- This summary section must be filled out by all grantees, one for each project area

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

Name Dave Ridley Reference Number 01-02 P-50

LOCATION/COMMODITIES

Project Area (as listed in Part A) Art MINFILE No. if applicable 093A 200

Location of Project Area NTS 93A/2 ; 92P/15 Lat _____ Long _____

Description of Location and Access see report

Prospecting Assistants(s) - give name(s) and qualifications of assistant(s) (see Program Regulation 13, page 6)
Dave Blann : geologist ± 20 years

Main Commodities Searched For gold

Known Mineral Occurrences in Project Area 8 Hen showings, + several Minfile occurrances nearby see enclosed map.

WORK PERFORMED

1. Conventional Prospecting (area) _____
2. Geological Mapping (hectares/scale) core logging 1 hole 80 meters long
3. Geochemical (type and no. of samples) 11 core 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) _____

FEEDBACK: comments and suggestions for Prospector Assistance Program _____

PROSPECTING REPORT
FOR
CANIM-HENDRIX LAKES AREA
NTS 093A\2; 092P\15
KAMLOOPS MINING DIVISION
PROSPECTORS ASSISTANCE PROGRAM \01\02 P-50

BY
D.W. RIDLEY
BOX 77
EAGLE CREEK, BC
V0K 1L0

JANUARY 2002

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FIG. 8	Art Drill Hole Locations

APPENDIX

Art 01-2 Drill Log
Art Statement of Work
Rock Sample Description Sheets
Sample Analysis Certificates
Sample Invoices

SUMMARY

A total of 30 man-days were spent prospecting under Prospector's Assistance Program \01-\02 P-50 which resulted in the collection and analysis of 19 rock, 5 silt, and 11 drill core samples. The original proposal had been changed with the consent of Mike Cathro on October 11, 2001. This was due to excessive early snow in the high ground around the Hen property and in particular in the Spanish stock area. An area northwest of Canim lake was selected due its low elevation, existence of several mineral showings, and the fact that several new logging roads and clearcuts had been constructed through areas of interest during the past couple of years. Therefore it seemed prudent that a re-examination of this area be carried out. Since there were few new mineralized areas found I requested a further change to the program whereby sampling of drill core from my Art property would be conducted so as to be sure of surpassing the required minimum sampling expenditures. This was approved by Mike Cathro on December 12, 2001. All these areas are detailed within the appropriate sections of this report. Sample locations are plotted on topographic base maps downloaded from The Mapplace, sample description and analysis certificates are included in the appendix.

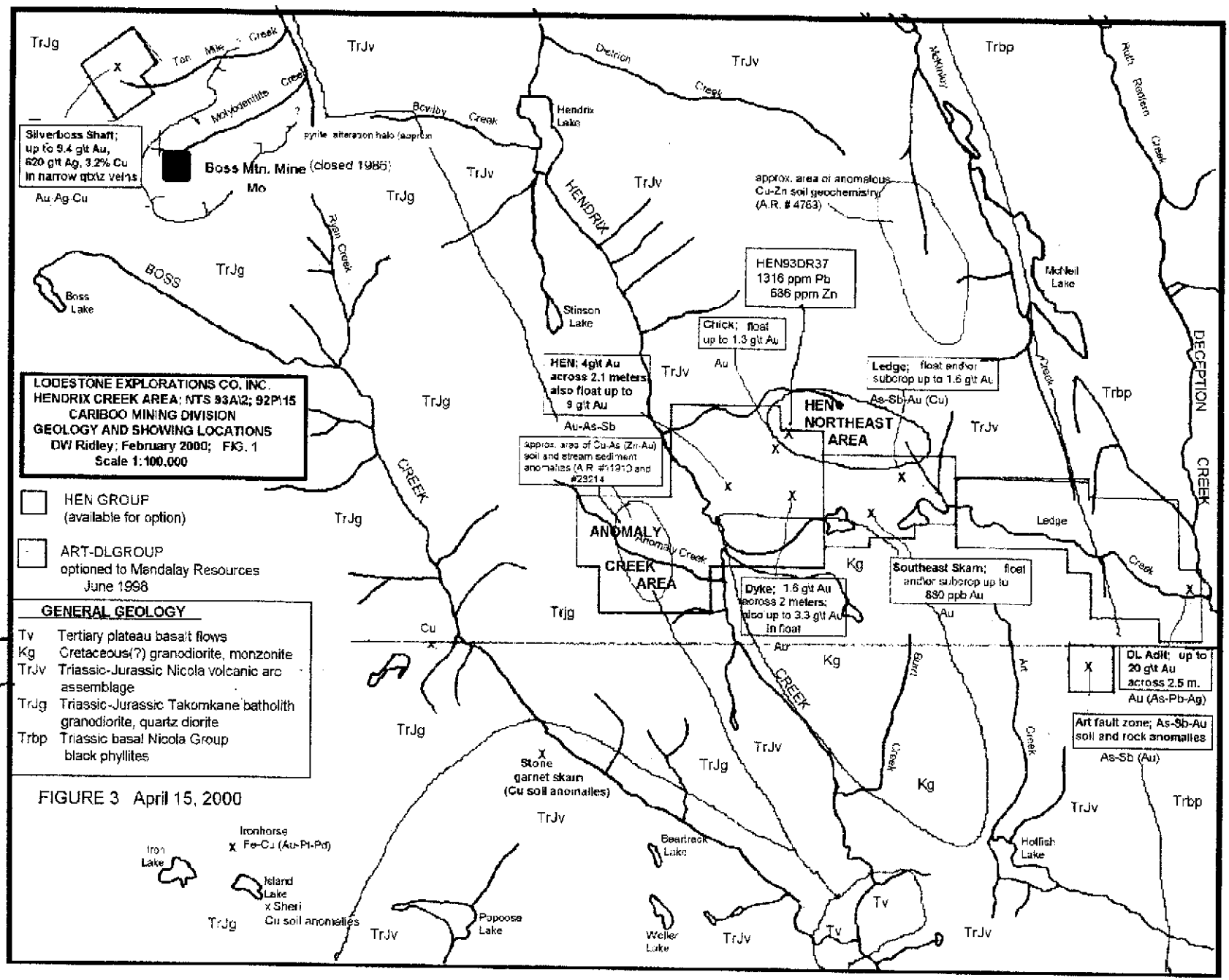
HEN GROUP: (NTS 93A\2)

Location and Access:
The Hen group is located about 75 kilometers northeast of 100 Mile House, BC. Access is via paved highway through Forest Grove and Canim Lake to Eagle Creek thence by Hendrix Lake (6000) gravel logging road for 25 kilometers to center of the property. The 6300 road leaves the 6000 road at 27 kilometer and bisects the claim block to the east. Arterial roads access the northern and southern portions of the group (see FIG. 3).

Claim Status:
The Hen group currently consists of 69 units and includes the Hen 5-19 mineral claims which are held 100% by Dave Ridley, Box 77, Eagle Creek, BC, V0K 1L0. The earliest anniversary date is Febuary 8, 2002. I also own the adjoining Ledge-Skarn Group (22 units) consisting of Ledge 1 and Skarn 1-4 mineral claims which are in good standing until March 25, 2006. This group had been held by TNR-Ivory joint venture but they returned the property to me late in the fall of 2000. I also own the Ledge 2-6, Art 1-4, and DL 1-8 mineral claims which adjoin further eastwards. Diamond drilling was carried out on the DL and Art claims during May 2001. They promptly dropped the option and did not forward any information regarding this work to me, nor to my knowledge, was it filed for assessment work.

Regional Geology:
The Hen Group lies within the Quesnel Trough, a subdivision of the Intermontane belt, which is composed of Triassic to Jurassic volcanic and sedimentary rocks that are variably intruded by plutons ranging from Triassic to Cretaceous in age. The property straddles a northerly trending contact zone between composite upper Triassic-Jurassic Takomkane batholith, coeval Nicola Group volcanics and Jurassic andesite and related sediments. Cretaceous stocks cut the earlier sequence along the eastern contact of the batholith and as several satellite intrusions further east. The Molybdenite Creek fault, a major northerly trending contact-related fault zone, runs through the property west of Hendrix Creek valley. The Boss Mt. Mine lies approximately ten kilometers north of the Hen property along the Molybdenite Creek fault; the past producing mine was predominately molybdenite-bearing breccia of Cretaceous age, intruded into the eastern edge of Takomkane batholith.
The Nicola Group is comprised of augite andesite-basaltic flows, breccias and agglomerate, tuff, argillite, phyllite, and black to grey limestone. The Takomkane batholith is a composite granodiorite intrusion with hornblende-biotite quartz diorite and granodiorite,hornblende diorite, monzonite, gabbro, and hornblendite. Phases may be synodiorite-diorite, or quartz monzonite in composition and locally K-feldspar porphyritic, and quartz-rich.
The Jurassic rocks are similar to the Nicola Group rocks, and are comprised of porphyritic augite andesite breccia and conglomerate, arenite, tuff, argillite, and flows. The Cretaceous stocks are composed of biotite-quartz monzonite and granodiorite. In the vicinity of the Hen property, the stock is composed of magnetite-biotite-hornblende quartz monzonite. Hendrix valley is covered by a thin layer of Miocene plateau basalt flow south of Hendrix Lake. Otherwise the whole country is covered by a realtively thin blanket of glacial debris.

Past Work:
In 1982-1983 the Anomaly creek area was staked as the Boss claim. Work by Time Resources identified highly anomalous gold in silts from Anomaly creek and several anomalous soil values were obtained from a recon-scale grid straddling the creek. Results include values up to 1280 ppb


LODESTONE EXPLORATIONS CO. INC.
HENDRIX CREEK AREA; NTS 93A/2; 92P/15
CARIBOO MINING DIVISION
GEOLOGY AND SHOWING LOCATIONS
DW Ridley; February 2000; FIG. 1
Scale 1:100,000
HEN GROUP
(available for option)
ART-DLGROUP
optioned to Mandalay Resources
June 1998
GENERAL GEOLOGY
Tv Tertiary plateau basalt flows
Kg Cretaceous(?) granodiorite, monzonite
TrJv Triassic-Jurassic Nicola volcanic arc assemblage
TrJg Triassic-Jurassic Takomkane batholith granodiorite, quartz diorite
Trbp Triassic basal Nicola Group black phyllites
FIGURE 3 April 15, 2000
Silverboss Shaft; up to 9.4 g/t Au, 620 g/t Ag, 3.2% Cu in narrow qtz/z veins
Au-Ag-Cu
Boss Mtn. Mine (closed 1986)
Mo
Molybdenite Creek
pyrite alteration halo (approx.
Bowlby Creek
Hendrix Lake
Stinson Lake
Boss Lake
Ryan Creek
HENDRIX
BOSS
CREEK
approx. area of anomalous Cu-Zn soil geochemistry (A.R. # 4763)
HEN93DR37
1316 ppm Pb
636 ppm Zn
Chick; float up to 1.3 g/t Au
HEN; 4g/t Au across 2.1 meters; also float up to 9 g/t Au
Au-As-Sb
approx. area of Cu-As (Zn-Au) soil and stream sediment anomalies (A.R. #11910 and #23214
HEN NORTHEAST AREA
Ledge; float and/or subcrop up to 1.6 g/t Au
As-Sb-Au (Cu)
ANOMALY CREEK AREA
Anomaly Creek
Dyke; 1.6 g/t Au across 2 meters; also up to 3.3 g/t Au in float
Southeast Skarn; float and/or subcrop up to 890 ppb Au
Ledge
Creek
DL Adit; up to 20 g/t Au across 2.5 m.
Au (As-Pb-Ag)
Art fault zone; As-Sb-Au soil and rock anomalies
As-Sb (Au)
Art Creek
McKinley
Ruth Rainbow Creek
DECEPTION CREEK
McNeil Lake
Stone garnet skarn (Cu soil anomalies)
Ironhorse
Fe-Cu (Au-Pt-Pd)
Iron Lake
Island Lake
x Sheri
Cu soil anomalies
Papoose Lake
Beartrack Lake
Weller Lake
Hollfish Lake
Cu
Au
TrJg
TrJv
Trbp
Trjg
Kg
Tv

gold in silt and 60 ppb gold, 1.2 ppm silver, 310 ppm copper, and 278 ppm zinc from soils above the creek to the west (see Ass. Rpt. #11910).
In 1992 Ridley discovered gold bearing float near three kilometer on the 6300 road, a short distance northeast of Anomaly creek. The Hen claims were located and subsequently optioned to Pioneer Metals, who operated the property until late 1996. Between 1993 to 1996 Pioneer carried out soil sampling, machine trenching, and diamond drilling of four holes from three separate setups. This work was conducted around the Hen main showings and resulted in recognition of a regional scale transverse structure, roughly co-incident with known showings, which cuts across the property from Hendrix valley in the west to Deception valley in the east. The claims reverted to Ridley late in 1996.
In 1997 and 1998 Ridley received funding under Prospector Assistance Grants to work the property (97\98 P-67 and 98\99 P-51). As a result of this work the eastern groups were optioned to Mandalay Resources in 1998 and the central Ledge group was optioned to TNR-Ivory Joint Venture in early 1999. TNR-Ivory drilled about 1500 feet targeting the extreme mag high identified during the 1998 work program. Results of this drilling were inconclusive in that it did not explain the high magnetic zone encountered during geophysical surveys.

Prospecting Targets and Proposed Work Program:

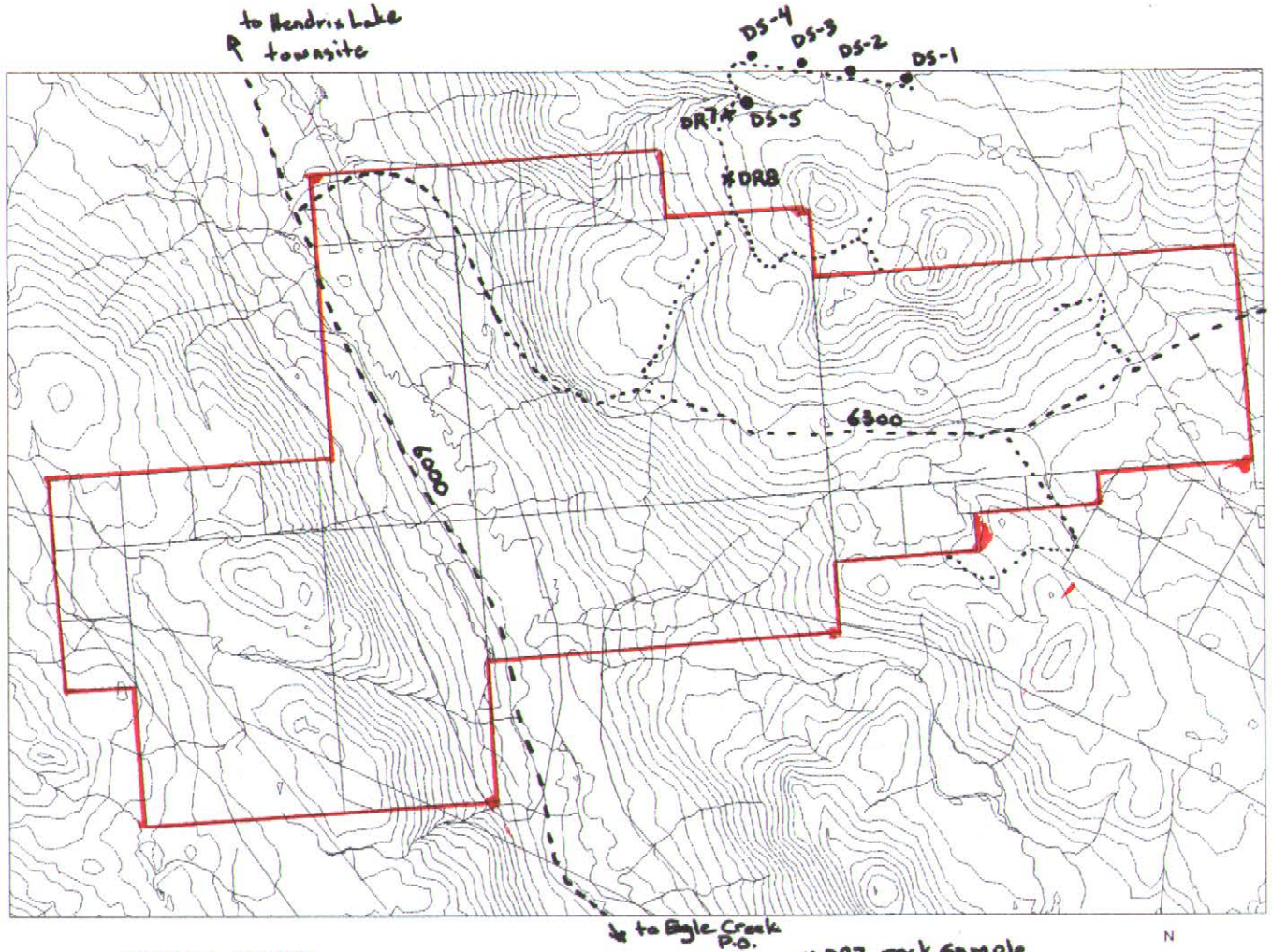
Two areas have been selected on the Hen Group for detailed prospecting and recon-scale soil sampling. These include Anomaly creek in the southwest corner and near the northeast corner of Hen 8 and adjoining Ledge 1 claim (FIG. 3). Each area is discussed separately below.

1) Anomaly Creek Area:

A sample from Anomaly creek during BCRGS-5 (#3254) returned highly anomalous results of 75 ppm arsenic and 1.2 ppm antimony. The Boss claim was located in 1982 and an initial stream and soil sampling program was carried out (A.R. #11910). A silt sample near 3900 feet elevation in Anomaly creek returned 1280 ppb gold. Several copper-zinc soil values were also detected, particularly along the west side of their grid, which is situated at the eastern edge of a broad flat area underlain by the Molybdenite Creek fault zone. Recon prospecting by Ridley in 1992 revealed strong copper, silver, arsenic, with lesser gold values which tended to increase in copper content upstream. The last silt sample, near 4400 feet elevation and at the edge of the small plateau area returned 297 ppm copper and 61 ppm arsenic. Rocks encountered during this program included highly fractured mafic volcanics and related sediments with abundant pyrite and minor chalcopyrite. Sulphide content of wallrocks also appears to increase upstream towards the swampy plateau. The headwaters of Anomaly creek occupies low-lying swampy ground which is underlain by a significant air-magnetometer low as shown on GSC Geophysical Paper #5235G. It is worth noting that the former Boss Mountain molybdenum mine was hosted by breccias derived from a Cretaceous stock emplaced along the eastern edge of Triassic-Jurassic Takomkane batholith, proximal to the Molybdenite Creek fault, and marked by a "bull's eye" air magnetometer low. Therefore the most logical target type for this area would be copper-gold porphyry style mineralization. A work program consisting of recon-scale prospecting, moss mat stream and rock sampling will be carried out. This program would require an estimated 8 days and result in the collection of approximately 25 rock, 15 moss mat, and possibly up to 75 soil samples. Work could begin by late-May to early June.

2) Hen Northeast:

LEDGE SKARN-HEN Claim Groups; Hendrix Mt. area



SCALE 1 : 50,000

5,000 0 5,000 10,000 15,000

FEET

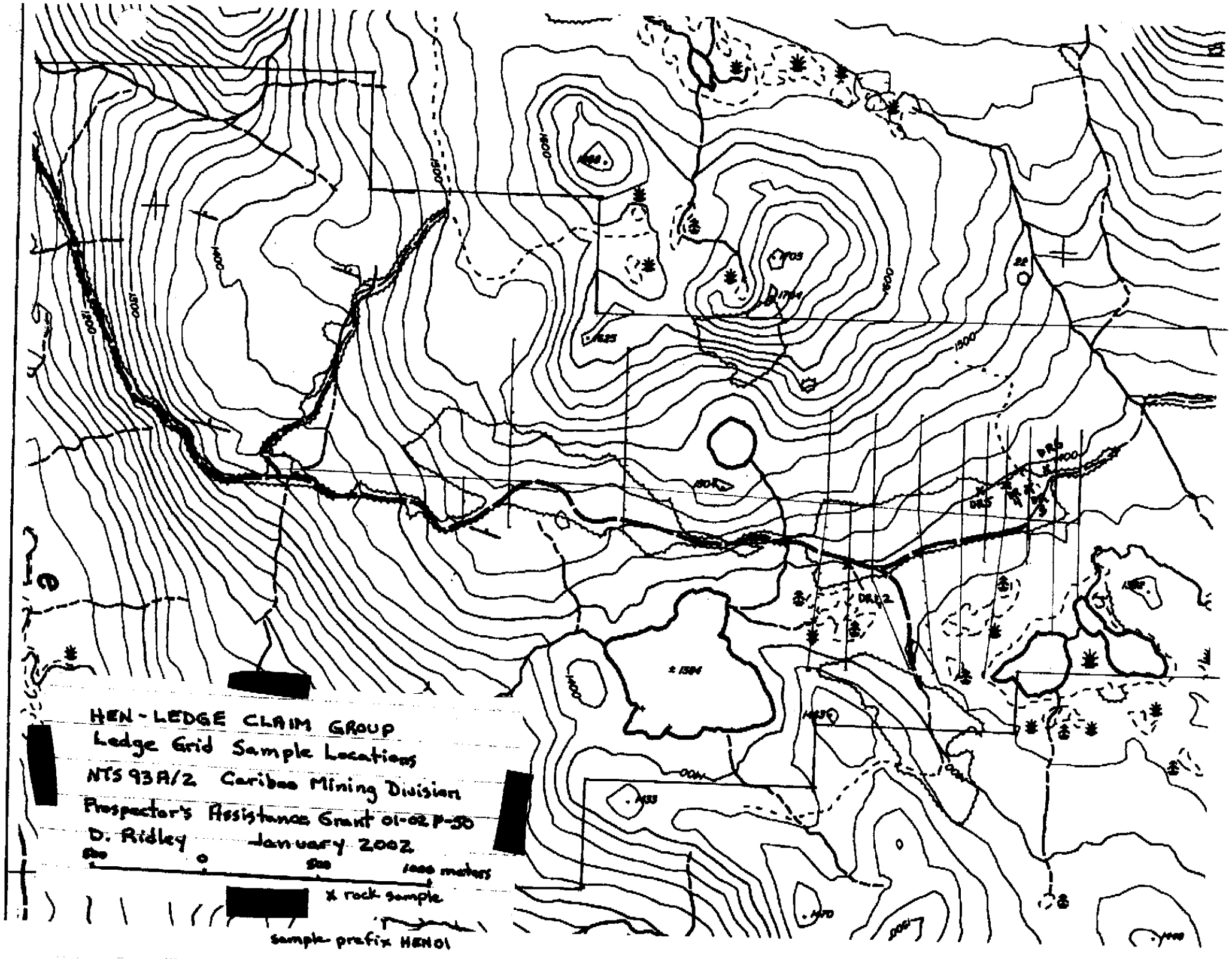
x DR7 rock sample

• DS-1 silt sample

sample prefix HEN 01

6000 road (main)

HEN- Ledge Skarn Claim Group


HEN - LEDGE CLAIM GROUP
Ledge Grid Sample Locations
NTS 93A/2 Caribou Mining Division
Prospector's Assistance Grant 01-02 P-30
D. Ridley January 2002
0 200 1000 meters
x rock sample
sample prefix HEN01

This area is situated in the northeast corner of Hen 8 claim and the area of interest straddles the northern boundary of Ledge 1 claim. A single piece of galena-spahalerite-pyrrhotite float was found within a larger boulder field of pyrite-pyrrhotite-rich volcanic agglomerate during recon prospecting for Pioneer Metals in 1993. This sample returned ICP values of 1316 ppm lead, 686 ppm zinc, and 1.2 ppm silver (HEN93DR37; A.R. #23214). In addition soil sampling on the Hen grid and silt samples from a stream draining the area immediately east of this sample returned values up to 370 ppm arsenic and 490 ppm copper. The geology consists of augite porphyry flows and conglomerates and fine grained basalt flows interspersed with local argillaceous sediments. This indicates an active submarine environment which is essential for production of economic VMS style mineralization. The strong epithermal geochemical signature reinforces this possibility. Soil samples from the northeast corner of the Ledge grid returned up to 104 ppm lead and 157 ppm zinc, within a larger arsenic-gold soil anomaly. Zones of weak skarnification in rocks around the Ledge showing could be indicative of hot fluid channelways which may have provided a locus for venting to the ancient seafloor and possibly result in production of a VMS style sulphide deposit. Therefore a detailed prospecting program is proposed for this area. This phase of the project would consist of detailed prospecting around known anomalous soil sites as well as digging several soil profile pits and hand trenches in an attempt to better understand soil geochemical results. Detailed geological mapping would be carried out in conjunction with prospecting. Additional claims may be staked depending upon results of this program. An estimated 10 days is anticipated for this phase of the project and about 30 rock and 50 soil samples would be collected.
Work could begin anytime after mid-June and will be accessed by vehicle on logging roads.

2001 Work Program

Four days were spent prospecting and silt sampling along a new logging road which leaves the 6300 road at four kilometer. This road crosses the first major east-west drainage immediately north of the Hen claims and south of Mt. Hendrix summit (FIG. 3). Four small streams which flow southerly from Mt. Hendrix and draining into the east-west drainage were sampled. Weak copper-arsenic anomalies were detected in 3 of the tributaries (HEN01 DS2, 3, 4) and a weak arsenic-barium anomaly was detected in the main creek (HEN01 DS5). Values range from 61-80 ppm copper, 43-59 ppm arsenic, and up to 209 ppm barium in DS5. Similar weak anomalies have been found associated with arsenic-gold (copper) mineralization on the HEN property to the south. It is quite possible that the prominent east-west drainage at DS5 is due to underlying transverse faulting which is also associated with mineralization on the HEN property. Prospecting traverses failed to find any outcrop or float in the low lying swampy ground east of the road. Overburden appears to be deep here and geophysical surveys would be required to further explore this area.

The best rock exposures were found along the new road although little outcrop was uncovered. Based on proportions of more angular float boulders in the till it would appear that the area is underlain by Nicola volcanics with some intermixed black, argillaceous sediments. Volcanic rocks are predominately augite porphyry agglomerate with lesser breccia and basaltic flows. Two rock samples were taken from outcrop exposed in road cuts south of creek DS5. The first was just south of the creek crossing and consisted of black, carbonate-altered basalt with trace pyrite. These rocks were cut by strong fractures trending 180\90 and 120\90 which were filled by later calcite. Sampling returned values of 1542 ppm strontium and 403 ppm barium (HEN01 DR7). The second sample was taken further south and consisted of sheared and broken basaltic sediments. A fault trending 040\50E contained abundant graphite although the rocks were broken

on several attitudes and a general overall structural trend was not evident. A sample returned non-anomalous results (HEN01 DR8).
Three days were spent prospecting around three kilometer on the new road in the vicinity of galena-sphalerite-bearing agglomerate float discovered in 1993. No new mineralization was found and no samples were taken. It is likely that the float boulder was a glacial erratic and not due to proximal underlying mineralization.

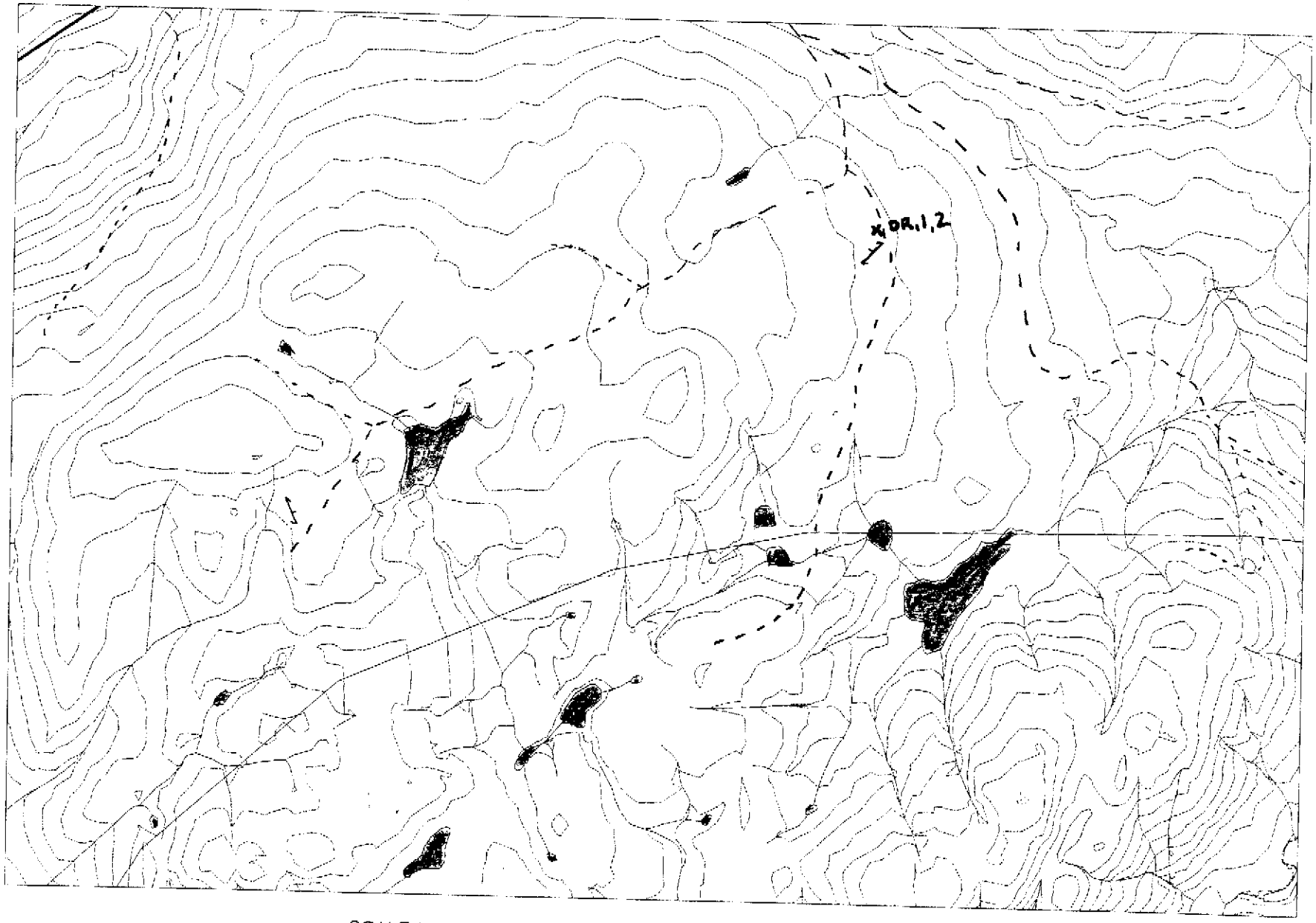
Four days were spent detailed prospecting sections of the Ledge grid on the Hen property. A total of 7 rock samples were collected and analyzed. The planned soil sampling was cancelled due to time and funding constraints. Two rock samples taken from angular float near to DDH 98-2 returned non-anomalous results (HEN01 DR1, 2). These consisted of basaltic breccia with varying degrees of carbonate veining and carrying 1-3% disseminated pyrite-pyrrhotite. No other sulphides were observed. The other samples were obtained from angular float boulders on the east side of the grid. The Chick structure is inferred to cut across the grid and terminate near the Ledge showings. It is evident by a strong VLF-EM conductor, a magnetometer low and is partially flanked by a prominent arsenic-copper-gold soil anomaly. An angular float boulder near L84E; 51+25N returned 1169 ppm zinc and 18.2 ppm cadmium (HEN01 DR3). A large angular float boulder consisting of hornfelsed basaltic breccia with light-green silicification and garnet veining with up to 3% pyrite-pyrrhotite and minor arsenopyrite returned 2530 ppm arsenic and 19 ppb gold (HEN01 DR5). This boulder is situated just downslope from the east end of the VLF-EM conductor (Chick structure?) and a substantial gold soil anomaly depicted in earlier work. Another large angular boulder was sampled just east of the clearcut edge. This consisted of fine grained black basalt cut by quartz stringers and carrying 1-2% disemminated pyrite-pyrrhotite. A grab sample returned 338 ppm arsenic and 20 ppb gold (HEN01 DR6). This sample lies within a broad arsenic soil anomaly, in a region of low magnetics, and immediately east of the Chick structure VLF-EM feature. No outcrop was found in the vicinity although the size and angularity of individual pieces coupled with the uniformity of rock type, indicate these boulders are close to source and may reflect underlying bedrock conditions. A substantial machine trenching and drill program is required to explore the Ledge grid further.

Three days were spent prospecting the Anomaly creek area before a heavy early snow curtailed further work. An air magnetometer low, roughly co-incident with the Molybdenite Creek fault which separates Nicola volcanics on the east from Takomkane batholith to the west. A similar, although more pronounced geophysical target forms a bull's eye over the former Boss Mt. Mine orebodies. Unfortunately the mag low in Anomaly creek is situated in low-lying swampy ground with no rock exposure and by time I could get to do soil sampling it had snowed. No samples were collected and the area remains an enigma. It is interesting to note that no sign of old claim posts or grid lines were seen and so the area may not have been examined during the heydays of Boss Mountain.

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

Location and Access:
The Spanish stock area is situated approximately 40 kilometers northeast of Eagle Creek Post Office and is accessed via the Canim-Hendrix (6000) road about 17 kilometres to its junction with the Spanish (7000) road which is followed easterly to Spanish Creek valley. The 7300 road branches to the south near 7025 kilometer post and is followed for about 7 kilometers to the northern edge of Spanish stock. Several arterial roads provide access to the eastern and southern

spanish stock area



http://ebony.gov.bc.ca/mapplace/maps/minpot/bcgs.MWF

Wednesday, June 20, 2001 2:53 PM

areas near Well's Grey Park boundary. The area is zoned "Enhanced Forestry" in the Cariboo-Chicotin Land Use Plan.

Claim Status:
No claims are currently located in the area of interest.

Regional Geology:
The general geology is shown on FIG.2 as are location of area 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 Omineca terrane. Both assemblages have been variably intruded by Cretaceous(?) stocks, plugs, and dyke swarms of granite to granodiorite composition. The upper portion of the valley is covered by a succession of volcanic and related sedimentary rocks of Tertiary to Recent age. Glacial debris blankets the area. Blocky basalt flows cover Spanish valley for approximately 15 kilometers downstream from their source at Flourmill Volcanoes. These flows represent the most recent geological event in the area.
In the area of interest, Omineca rocks consist of biotite-staurolite (andalusite) schist, chloritic phyllite, quartz-sericite phyllite, quartz-sericite-chlorite phyllite, tuffaceous phyllite, and carbonaceous phyllite. These are believed to be correlative to Eagle Bay Assemblage further south and therefore are highly prospective for VMS style deposits.

Past Work:
The Spanish stock area has been subjected to recon-scale silt and prospecting surveys during 1986 and 1999, and were part of past Prospectors Assisstance Grants (10961 P-65 and \99-\00 P-62).
The 2001 program is designed to prospect in detail the contact between felsic and overlying mafic meta-volcanic and\or carbonaceous sediments. The 1999 program identified anomalous arsenic-antimony-gold in quartz stockworks cutting felsic metavolcanic strata. This zone would form the center of the area of interest (FIG.2).

Prospecting Targets:
The main prospecting target will center on a zone of quartz veining and stockworks within quartz-sericite-pyrite and quartz-sercite-chlorite-pyrite schist (FIG. 2). Sampling in 1999 returned values up to 300 ppb gold, 9972 ppm arsenic, 25 ppm antimony from angular quartz float in the road cut (SP99DR5; 99-00 P-62). Limited prospecting at the time indicated the felsic schist unit to be at least 75 meters wide and could be followed southwesterly for at least 1 kilometer through the clearcut. Similar felsic meta-volcanic rocks in Eagle Bay Assemblage are known to host several significant VMS style deposits to the southeast. Turbiditic sediments, exhibiting thin beds of alternating black to grey horizons, outcrop immediately south of the felsic rocks and testify to an active, aquaeous environment suitable for formation of VMS type deposits. In addition, chloritic schist and phyllite is likely metamorphosed mafic volcanic rock and felsic schist is likely derived from rhyolitic magmas, indicative of bimodal volcanic successions which are essential to formation of some VMS deposits.

Proposed Prospecting Program:
The area will first be gridded and prospected to determine rock types and alteration zones. This grid would cover an area of approximately one kilometer wide and 3 kilometers long. The baseline would start at sample site SP99DR5 and run approximately 2 kilometers westerly and 1 kilometer easterly, roughly following the felsic unit along strike. Initially lines would be run perpendicular to the baseline every 200 meters with stations placed every 25 meters along the lines. Detailed prospecting, rock sampling, and geological mapping will be carried along the

lines as well as off-line. This work should define zones for further detail work in the form of rock, soil geochemical sampling, and geophysical surveys.
This work will be completed from a vehicle supported base camp at Bayko lake and should require 14 days to complete. The budget is based on collecting an estimated 50 soil, 35 rocks, and 15 silt samples. The area is usually snow-free by June 15 but it lingers on the higher slopes till the beginning of July.

2001 Work Program;

Only one day was spent prospecting here as I was forced out by heavy snow and contacted Mike Cathro to switch the remainder of my program. The logging company had come in and dug up my previous hand-trenches making it difficult to determine the start-point for the soil grid. I took two rock samples of material that looked similar to the previous samples, however, the results failed to detect the anomalous gold-arsenic-antimony values (SP01 DR1, 2). In any case, the soil survey should proceed when time and funds permit.

CANIM NORTH (NTS 92P\15)

Location and Access

This area lies immediately northeast of Eagle Creek Post Office and is accessed by numerous logging roads and arterials off the Hendrix Lake road.

Claim Status

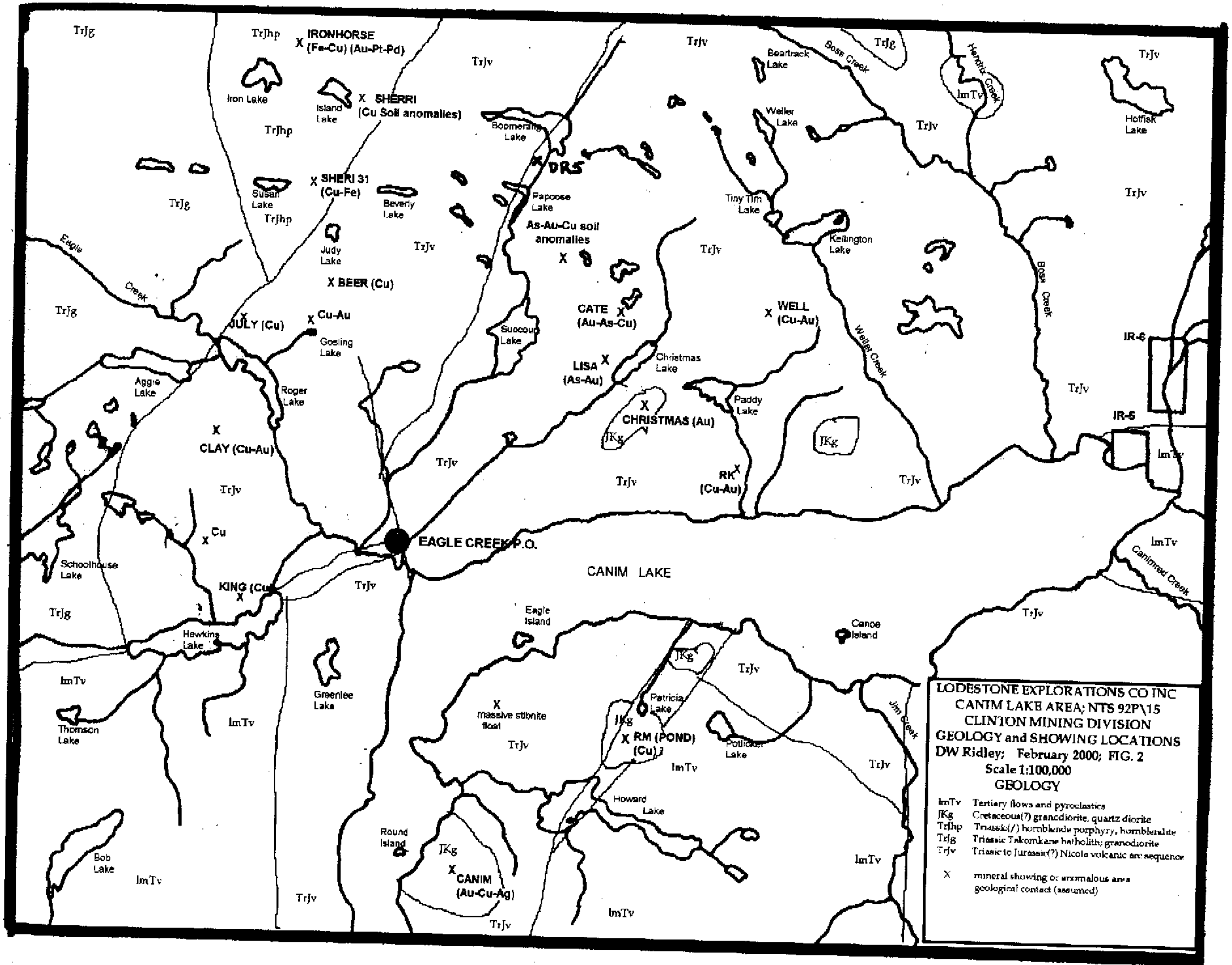
Competitors hold two claim groups in the area. Both are basially re-stakings of older properties which have seen some large work programs including diamond drilling. The Christmas property contains gold mineralization associated with hornfelsing and faulting whereas the Iron Lake property has seen exploration for copper, iron, and most recently for platinum mineralization associated with ultramafic intrusive rocks of the Takomkane batholith.

Regional Geology

The area is underlain by Triassic to Jurassic Nicola Group volcanics and related sediments which are variably intruded by granodiorite to diorite of the Triassic Takomkane batholith. A border phase of the batholith consisting of diorite to gabbro, hornblendite and pyroxenite contains platinum mineralization on the Iron Lake property.
Several copper showings are associated with volanic rocks near this contact whereas copper, gold and arsenic mineralization is found further away to the east within the Nicola volcanics (Fig.).

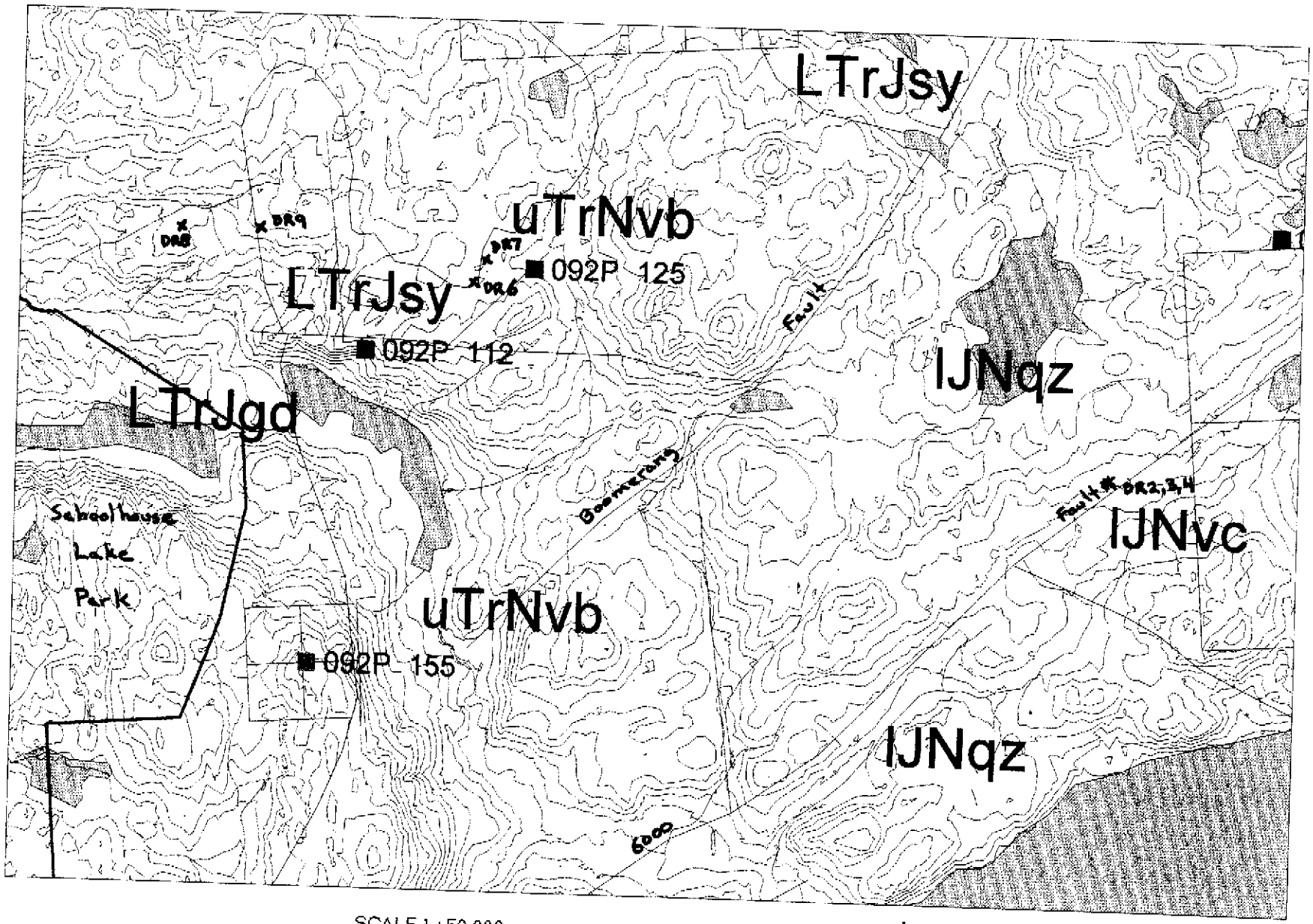
Proposed Work

Several companies and individuals have conducted exploration projects in the past. Most of this work was concentrated on the many minfile showings depicted on the enclosed map. These showings form two north-south trending belts straddling the Takomkane-Nicola contact. However the area between these showings has received no attention according to past assessment reports. This is the area of this proposal as outlined on the accompanying map.



x rock sample
sample prefix CA01

canim lake area



SCALE 1 : 50,000

5,000 0 5,000 10,000 15,000

FEET

x rock sample
sample prefix c no1

N

http://ebony.gov.bc.ca/mapplace/maps/minpot/bcgs.MWF

Monday, November 12, 2001 7:44 PM

Targets may include Cu-Au porphyry, precious and base metal bearing veins or shears, platinum in shears within ultramafic rocks as well as some potential for VMS style mineralization similiar to the FOX property near Merritt.
Work will include conventional prospecting of new logging roads and clearcuts and will require 7-10 days to complete. Rock and soil samples will be taken from areas of mineralization or alteration as encountered. This program will start immediately upon approval.

2001 Work Program;

A total of thirteen days were spent prospecting in this area and nine rock samples were collected and analyzed (FIG. 6 and 7). Two new low-grade copper occurrances (CA01 DR3, 6), as well as arsenopyrite-bearing angular float material associated with a major regional scale, northeast trending, fault structure (CA01 DR4) were discovered.

Three samples were taken from a burrow pit on the north side of 6000 road near 4.5 kilometer. This pit has been expanded in the last few years and provides good exposure of the northeast trending 6000 fault which roughly parallels the main road. The first sample was a grab from ankeritic-altered mafic volcanic which is cut by carbonate-quartz stockwork veining and carries minor pyrite returned non-anomalous results (CA01 DR2). The second sample was a grab from a poorly exposed zone just above DR2 and consisted of similar material but with minor malachite visible on fractues and selvages along some veinlets. This material returned 1623 ppm copper, 5.4 ppm silver, 11.24% calcium, and 15 ppb gold (CA01 DR3). The third sample consisted of angular float of massive calcite veining with abundant arsenopyrite forming pods to 1x3 cms. of massive material enclosed within a brown weathering highly-altered mafic volcanic. A grab sample returned 13250 ppm arsenic, 32 ppm antimony, 27.43% calcium, and 8084 ppb gold (CA01 DR4). Two days were spent prospecting in the area searching for similar material but unfortunately bedrock exposure is meager away from the pit and nothing of consequence was found. Further work in the form of grid-based geological mapping, soil sampling, and geophysical surveys re warranted for this area. Claims will be staked as soon as possible and further work in the form of grid-based geological mapping, soil sampling, and geophysical surveys will be conducted.

Two samples were taken in a new clearcut just west of the old Beer showing (Minfile 092P125). The first was from a poorly exposed rubble pile of sheared epidote-K-spar -altered mafic volcanic, with minor malachite and bornite. A grab sample returned 3709 ppm copper, 1.0 ppm silver, and 73 ppb gold (C01 DR6). Trenching is required to fully expose the zone. A sample was taken of chloritic ultramafic subcrop about 300 meters north of DR6 which 271 ppm barium and 19 ppb platinum (CA01 DR7). Additional grid-based exploration is required to determine the true significance of these occurances. All other samples taken in this area were non-anomalous. An extra couple of days were used to prospect a new road as it was being built. This road goes up the hill from Hawkin's lake to near the old Clay showing (Minfile 092P155). It should be pointed out that the position of the Clay showing is incorrectly plotted on government maps. The true location is a small knoll approximately one kilometer to the west of its present position. This puts this showing within Schoolhouse Lake Park and so not open for exploration. No mineralized zones were detected along this road and no samples were taken. Rocks were predominately augite porphyry basalt which are locally cut by small intrusive dykes and plugs related to Takomkane batholith. The batholith contact is actually immediately west of the Clay showing and appears to trend generally north-south to the north but sweeps more east-west as it comes down the hill to Hawkin's lake.

ART CLAIMS (NTS 92P\15; 93A\2

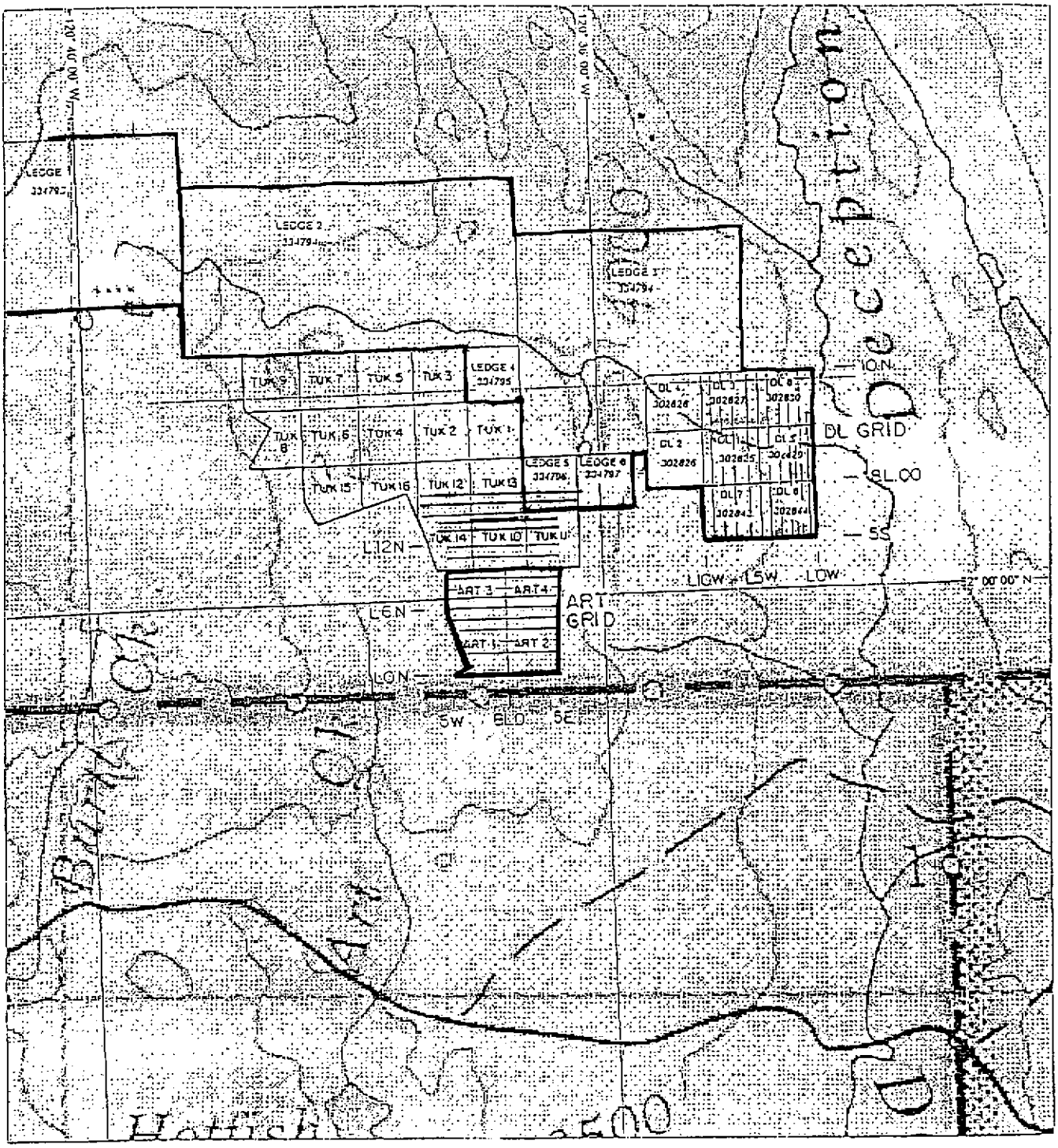
Location and Access;
The Art property is located in Cariboo Mining Division approximately 75 kilometers northeast of 100 Mile House and some 30 kilometers from Eagle Creek Post Office. The property is readily accessible via paved and gravel logging roads from 100 Mile House on highway 97.

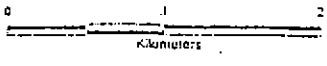
Claim Status;
The Art property consists of four 2-post mineral claims which are held by DW Ridley. This property is surrounded on three sides by competitor claims. The Tuk claims are to the north and the Kingpin group lies to the west and south. The Art property was held under option by Mandalay Resources from June 1998 until May 2001. The Art property is currently in good standing until Oct. 20, 2005, pending acceptance of this report.

Regional Geology;
The Art property (Minfile #093A 200) lies in the Quesnel Trough., a subdivision of the Intermontane Belt, which is composed of Triassic to Jurassic volcanic and sedimentary rocks and intruded by various plutons, ranging in age from Triassic to Cretaceous(?).
The oldest rocks in the vicinity occur east of Deception creek and are comprised of quartz-mica schist, micaceous quartzite, and feldspar-quartz gniess of the Lower Cambrian Snowshoe Formation.
The Permian-Mississippian rocks of the Redfern Complex, consisting of amphibolite, gabbro, norite, serpentinite, pyroxenite, and peridotite, outcrops east of the property as well. These rocks have been correlated to the Crooked Amphibolite Unit of Bloodgood (1990) and is interpreted to represent the imbricated boundary between Quesnellia and Barkerville terranes.
A thick package of Trissic to Jurassic volcanic and sediments form the bulk of rocks near the property as well as underlying a large area to the west. These rocks are intruded by stocks of Cretaceous intrusions of granodiorite, diorite, and quartz monzonite as well as by Triassic to Jurassic Takomkane batholith.

Past Work;
The Art property was located in 1997 after finding an exposure of a sulphide-rich fault zone in the ditch of the newly constucted Art creek logging road. Limited prospecting and sampling was done at this time under the auspices of a Prospector's Assistance grant awarded to C. Ridley (97\98 P-66). A mini-grid, measuring 200 x 300 meters was soil sampled and anomalous arsenic, gold, and copper values were found. Limited rock sampling carried out this time showed the fault zone to contain up to 20012 ppm arsenic and 167 ppb gold while a piece of float just south of the main showing returned 1950 ppb gold. The results of this preliminary work showed the potential of the area and I applied for and received a Prospector's Assistance Grant in 1998. However in June of that year I optioned the property to Mandalay and changed my grant proposal.

In 1998 Mandalay conducted grid-based geological mapping, soil sampling and geophysical surveys. Unfortunately they only analyzed a small portion of soil samples collected. The geophysics survey was successful in delineating several zones worthy of further investigation.





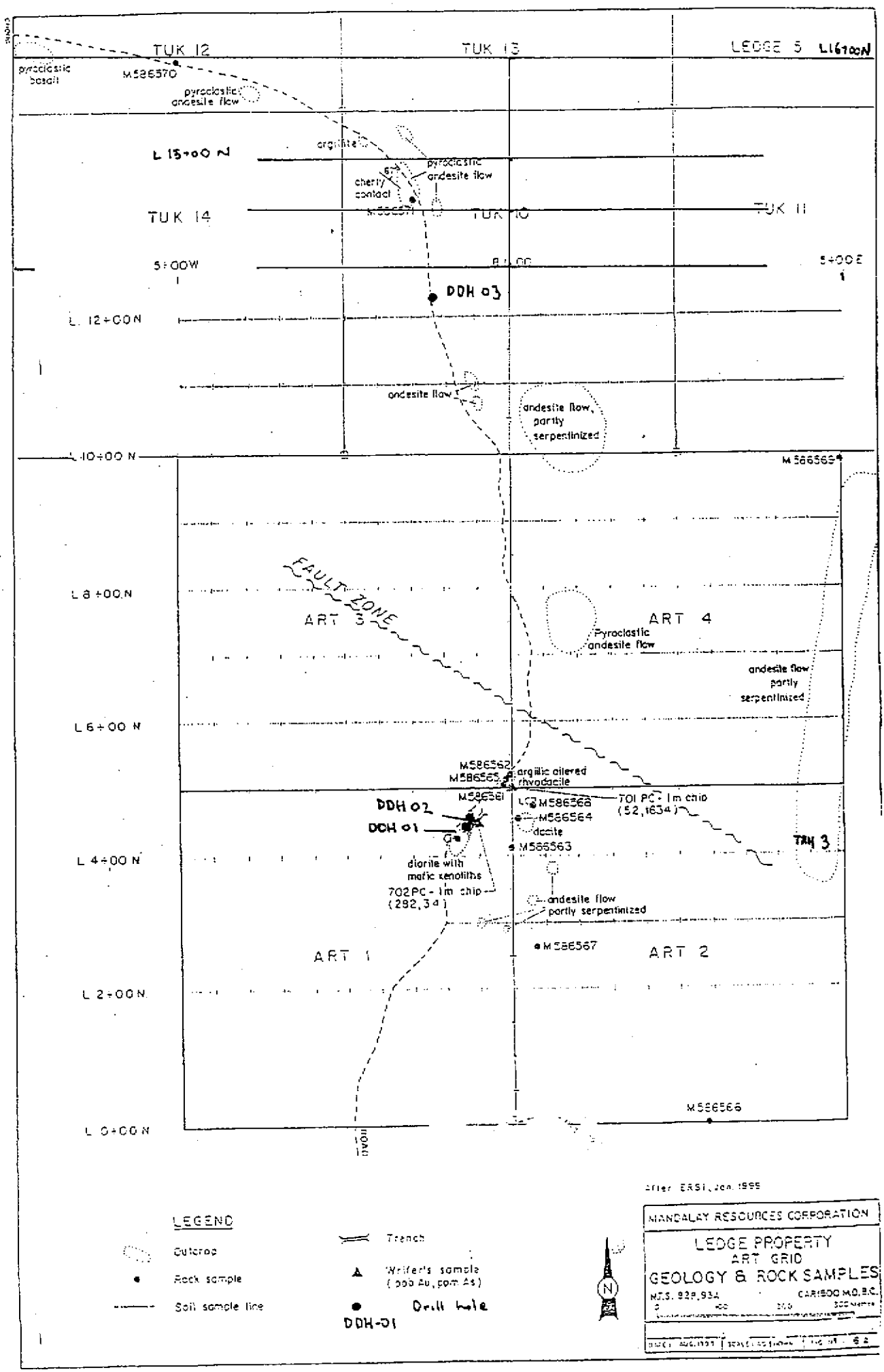
MANDALAY RESOURCES CORPORATION

LEDGE PROPERTY (AH)

CLAIM MAP

N.T.S. 92P, 93A — CARIBOO M.D., B.C.

DATE: | SCALE: AS SHOWN | FIG. Nº. 2


TUK 12
TUK 13
LEDGE 5
L 16+00N
pyroclastic basalt
M586570
pyroclastic andesite flow
L 15+00 N
argillite
cherty contact
pyroclastic andesite flow
TUK 14
TUK 10
TUK 11
5+00W
5+00E
DDH 03
L 12+00N
andesite flow
andesite flow, partly serpentinized
L 10+00 N
M586569
FAULT ZONE
L 8+00N
ART 3
ART 4
Pyroclastic andesite flow
andesite flow partly serpentinized
L 6+00 N
M586562
M586565
argillic altered rhyodacite
M586561
DDH 02
DDH 01
M586568
M586564
dacite
M586563
701 PC - 1m chip (52,163 4)
TRN 3
L 4+00 N
diorite with mafic xenoliths
702PC - 1m chip (282,34)
andesite flow partly serpentinized
M586567
ART 1
ART 2
L 2+00N
M586566
L 0+00 N
ROAD
after ERSI, Jan 1995
LEGEND
Outcrop
Rock sample
Soil sample line
Trench
Writer's sample (ppb Au, ppm As)
Drill hole
DDH-01
N
MANDALAY RESOURCES CORPORATION
LEDGE PROPERTY
ART GRID
GEOLOGY & ROCK SAMPLES
N.T.S. 93B,93A
CARIBOO M.D., B.C.

In May 2001 Mandalay completed two diamond drill holes although the target of this drilling is not clear. Mapping and geophysical data indicate that structures of interest trend north-south with steep dips. In spite of this, Mandalay directed the drill to the south which runs parallel to the structure. It appears as though DDH 02 was trying to drill down the guts of the fault but missed because the entire hole save the initial 12 feet runs down alongside the fault. The target of DDH 01 is truly bizarre as it seems to be merely a "shot in the dark". A single piece of sulphide-rich float found in 1997 was the target even though there is clear evidence for a potentially mineralized structure trending north-south. In addition, only a few samples were split and analyzed from these two holes even though there is obvious mineralization and alteration.

In October 2001 I had partner-geologist D. Blann look at the core and we decided DDH-02 should be split and sampled. This work is the subject of this report. An average of 167 ppb gold across 12 meters of core length indicates excellent potential for economic gold mineralization on the property.

2001 Work Program:

A total of 2 mandays were spent logging and splitting drill core obtained by Mandalay from the Art property. Mandalay paid for the drilling but only sampled a very small amount of the core despite the fact that there was visible alteration and accompanying sulphide mineralization. Dave Blann logged DDH-01-2 whereas I split the core as he laid it out.

Drill hole DDH-01-2 was directed at the surface expression of the Art Creek fault zone, a regional scale north-south trending structure which parallels the Omineca-Intermontane boundary and generally separates Nicola black phyllites to the east from the more volcanic Nicola package to the west. The Art showing, consisting of an arsenopyrite-pyrite rich fault zone in sericite altered rhyodacite, is exposed in the floor of the ditch along the access road. The Minfile location (093A 200) should be situated about 500 meters south of its position as shown on government maps. The showing is actually situated close to the common claim post for the Art 1-4 mineral claims.

A total of 11 core samples from DDH-01-2 were submitted to Acme Analytical for analysis in mid-December 2001. This hole was drilled at 180/60 for a total depth of 80.15 meters and situated at grid co-ordinate 4+72N;0+64W which is on the main access road. It should be pointed out that the drilling was along strike and missed the heavy sulphide portion of the fault exposed in the road. In fact the hole was poorly targeted given the information at hand. Geophysics and surface mapping clearly indicate the Art fault as well as another stronger parallel structure to the east. The drill was setup on the road right over the showing, however, it missed the high sulphide portion and went down along the east side of the fault.

A continuous sample taken over 26.5 meters of core length was split and analyzed. This was from the edge of the fault and consisted of rhyodacite cut by calcite stringers and veinlets with local disemminated arsenopyrite-pyrite and trace chalcopyrite. An average of 167 ppb gold and 3500 ppm arsenic was obtained from four samples between 8.0 and 20.0 meters down-hole. These results indicate that the Art property has excellent potential to host economic gold mineralization.

Art01-2

Diamond Drill Log

Company: Lodestone Explorations Co Inc.
Project: Art
Core logged by: D.Blann, P.Eng.
Date: 7/8/01

Northing	
Easting	
Elevation	

		Azimuth	Dip
	Collar		
EOH	80.16		

ALTERATION SCALE: 1---5

Depth (m) From	Depth (m) To	Description	ROCK CODE	% Py	% Cp	% Qvn	Chl-Ep	Ca	Gyp Anh	2^S	2^K	2^M	Sample Number	Interval (m) from	Interval (m) to	Au ppb	
0	3.05	Casing															
3.05	80.16	Grey-brown, fine grained, heterolithic, andesite feldspar crystal	Vbx	3	.1	0	0	5	0	2	0	0	76196	4.57	5.0		
		lithic tuff, breccia and flow. Mottled, tectonic flow textures,											76197	5.00	8.00		
		breccia. Pervasive calcite in matrix as fine blebs, amygdules and											76198	8.00	11.00		
		clasts.											76199	11.00	14.00		
		3.05-4.95 bleached, carbonate-rich felsic dike, lower contact broken.											76200	14.00	17.00		
		4.95-20.1 Moderate to strong calcite filled crosscutting fractures,											76201	17.00	20.00		
		in part near contact, 0.5 -10cm of breccia matrix contains pyrite,											76202	20.00	23.00		
		arsenopyrite, trace chalcopyrite.											76203	23.00	26.00		
		20.1-26.3 less veining and breccia											76204	26.00	29.00		
		26.3-29.6 increasing calcite veining and ductile deformed clasts.											76205	29.00	29.60		
		29.6-31.4 Fault zone. Strong brecciation, bleaching, 6.0cm gouge											76206	29.60	31.40		
		at 30.4m ca=20degrees.															

ROCK SAMPLE SHEET

Sampler D. Ridley
Date June to Oct 2001 Property HEN North NTS 93A/2

SAMPLE NO.	Sample Width	DESCRIPTION: Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS
HEN01 DR1	F	agglomerate	limonite calcite	3-5% disem. f. gr. py-po	float pushed up on drill pad 99-DDH-2 much similiar float between the 2 drill holes along main road.	
HEN01 DR2	F	"	qtz-carb breccia vein	up to 2% po minor py	across road to North from DR-1: angular float in road ditch.	
HEN01 DR3	F	basaltic breccia	carb-qtz veining hornfels	up to 1% po trace cpy, sphalerite, minor magnetite	5m West of L84E + 12m S of HEN97DR15: angular boulder 50x30x30cms.	
HEN01 DR4	F	"	"	3-5% disem py	@ L83E: 51N: grab from sub-angular boulders	
HEN01 DR5	F	hornfelsed basalt	hornfels qtz-carb-garnet	py-po to 3% minor f.gr. arspy trace cpy	≈20m East of L82E: 50+75N: large sub-angular boulder: situated just downslope from VLF-EM anomaly + arsenic-gold soil anomaly.	
HEN01 DR6	F	"	hornfels qtz veining	1-2% py-po	@ L83E: 51N: several similar boulders in vicinity.	
HEN01 DR7	G	altered basalt?	carbonate minor py	" minor py	GPS 657370E: 5768809N: on new road to north strong fractures @ 180/90 + 120/90	
HEN01 DR8	G	basaltic sediment	limonite graphite	trace pyrite	GPS 657294E: 5768403N: on new road to north: graphitic shear @ 040/50E: strong fracture @ 180/90	
HEN01 DR9	F	augite porphyry	qtz-carb stockwork	~upto 3% py minor arspy	@ Ledge showing: ~~just~~ about 30m East of East end clearcut on Ledge Grid:	
			SPANISH		STOCK	
SP01 DR1	F	quartz sericite schist	quartz sericite	minor pyrite	@ /99 As-Sb-Au anomaly on 7300 Road:	
SP01 DR2	F	quartz vein	sericite	trace pyrite	@ DR1	

ROCK SAMPLE SHEET

Sampler D. Ridley
Date ~~Summ~~ Fall 2001
Property Canim North
NTS 92P/15

SAMPLE NO.	Sample Width	DESCRIPTION: Rock Type	DESCRIPTION: Alteration	DESCRIPTION: Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS				
CA01 DR1	F	altered mafic volcanic	carbonate minor qtz veining	trace py	GPS 643547E: 5756522N					
CA01 DR2	G	"	ankerite carbonate stockwork	up to 1% py	new pit @ 6004.5 km Hendrix Lake road: grab from exposed outcrop in pit wall					
CA01 DR3	G	"	"	minor cpy + malachite	at DR2 10m to North: talus rubble: needs machine trenching to fully expose zone.					
CA01 DR4	F	calcite veining	calcite ankerite hematite?	small lens of massive arsenopy	below DR2: single boulder: quite angular likely near source?					
CA01 DR5	G	fault zone	"	no visible sulphides	just below Boomerang Lake in old road pit: Boomerang Fault trends 165 ~~/40~~ not sure of dip.					
CA01 DR6	G	shear zone	epidote minor k-spar	minor cpy spotty malachite	just north of July showing (092P112) GPS. 644818E: 5752949N:					
CA01 DR7	G	"	chlorite magnetite pyrite	minor py	GPS. 644839E: 5753045N: poorly exposed subcrop:					
CA01 DR8	F	altered volcanic	chlorite carbonate	up to 3% py	GPS 642849E: 5753350N; new logging road NE of Roger Lake.					
CA01 DR9	F	"	"	"	≃ 400m East: same road as DR8					

C CHIP G GRAB F FLOAT

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/01 File # A104018

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
G-1	2	3	3	40	<.3	4	3	555	1.85	3	<8	<2	6	78	<.2	<3	<3	40	.58	.097	8	14	.55	225	.12	3	.97	.11	.50	7
HEN01 DS1	1	59	6	90	<.3	31	21	1072	3.84	14	<8	<2	<2	52	.9	<3	<3	105	.80	.126	7	67	1.14	82	.14	4	1.76	.02	.20	<2
HEN01 DS2	1	80	6	77	<.3	47	23	799	3.77	59	<8	<2	2	52	.5	<3	<3	104	.75	.111	8	95	1.27	113	.13	4	1.90	.02	.21	<2
HEN01 DS3	1	61	6	55	.3	39	17	536	3.16	50	<8	<2	2	47	.2	4	<3	83	.60	.088	8	94	1.04	101	.12	3	1.41	.02	.20	<2
HEN01 DS4	1	65	5	43	<.3	42	23	768	3.94	43	<8	<2	2	60	<.2	5	<3	95	.71	.120	5	127	1.25	122	.14	3	1.46	.02	.33	<2
HEN01 DS5	2	48	<3	116	<.3	54	30	3362	4.64	46	<8	<2	3	56	.8	<3	<3	114	.67	.128	7	108	1.47	209	.15	3	1.84	.03	.26	<2
RE HEN01 DS5	2	46	6	103	<.3	54	30	3362	4.58	46	<8	<2	2	56	.7	3	<3	112	.66	.126	8	108	1.46	205	.15	3	1.81	.03	.26	<2
STANDARD DS3	9	126	32	158	<.3	36	11	821	3.21	31	8	<2	4	28	5.7	6	7	80	.54	.095	17	184	.60	155	.09	3	1.72	.05	.17	3

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 SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 14 2001 DATE REPORT MAILED: Nov 22/01 SIGNED BY. C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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/01 File # A104017

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	Pt** ppb	Pd** ppb
SI	<1	<1	<3	<1	<.3	<1	<1	<2	<.01	<2	<8	<2	<2	<1	<.2	<3	<3	<1	<.01	.001	<1	<1	<.01	1	.01	<3	<.01	<.01	.01	<2	2	2	<2
HEN01 DR1	1	58	6	29	<.3	89	40	430	5.73	11	<8	<2	<2	273	.2	<3	4	51	4.05	.149	5	97	.94	94	.11	7	2.34	.79	.49	<2	6	6	9
HEN01 DR2	5	72	3	58	<.3	105	36	911	4.82	11	<8	<2	<2	420	.4	<3	<3	92	11.13	.137	6	106	2.14	199	.08	13	1.54	.04	.94	<2	<2	<2	4
HEN01 DR3	6	107	69	1169	1.3	17	12	388	2.37	81	<8	<2	2	43	18.2	14	<3	126	.88	.199	7	30	.64	88	.15	<3	1.15	.37	.68	<2	11	4	5
HEN01 DR4	5	138	39	93	1.1	47	24	614	4.00	25	<8	<2	2	64	.5	9	<3	125	.80	.145	7	101	1.69	112	.21	<3	1.76	.33	1.42	<2	5	<2	5
HEN01 DR5	9	206	12	77	.7	14	31	532	3.67	2530	<8	<2	2	114	2.0	19	<3	96	3.10	.182	4	30	.55	95	.11	5	1.75	.19	.56	<2	19	9	12
HEN01 DR6	4	100	98	126	2.0	10	14	547	3.04	46	<8	<2	2	60	1.2	13	<3	127	.72	.174	6	29	1.06	153	.17	3	1.36	.33	1.06	<2	6	<2	6
HEN01 DR7	<1	135	<3	59	<.3	16	22	738	4.75	<2	<8	<2	2	1542	.3	<3	<3	171	3.09	.182	6	29	1.26	403	.25	4	3.94	.29	1.69	<2	3	3	7
HEN01 DR8	26	120	9	162	.8	44	15	770	3.65	12	9	<2	3	50	2.5	5	4	211	.44	.157	15	57	.19	26	.16	<3	.59	.15	.11	<2	2	5	6
HEN01 DR9	2	113	4	40	<.3	20	19	405	2.99	343	<8	<2	2	125	.3	7	<3	123	1.23	.155	5	31	1.18	125	.17	5	1.96	.27	1.13	<2	20	<2	5
RE HEN01 DR9	2	114	7	40	.5	21	19	406	3.03	338	<8	<2	2	126	.3	7	<3	124	1.25	.157	5	30	1.19	124	.16	4	1.99	.28	1.14	<2	22	2	8
SP01 DR1	8	40	55	76	1.1	38	16	156	1.83	17	<8	<2	9	27	.2	<3	<3	21	.19	.065	17	94	.28	179	.02	<3	.77	.10	.17	16	9	2	<2
SP01 DR2	2	8	74	7	.7	8	2	34	.57	15	<8	<2	4	10	<.2	<3	<3	5	.02	.007	8	90	.02	808	.01	<3	.18	.01	.09	2	4	<2	<2
CA01 DR1	1	18	3	60	<.3	41	38	1127	7.30	<2	<8	<2	<2	84	<.2	<3	<3	323	2.26	.067	1	86	2.46	121	.15	3	1.70	.15	.24	<2	3	7	4
CA01 DR2	<1	38	3	30	<.3	5	10	719	3.18	5	<8	<2	<2	96	<.2	<3	<3	52	4.14	.121	5	14	.84	74	.01	5	1.70	.11	.37	<2	3	<2	<2
CA01 DR3	<1	1623	<3	86	5.4	30	11	1583	6.24	4	<8	<2	<2	125	1.4	3	<3	131	11.24	.119	3	106	2.50	30	.05	<3	3.01	.05	.07	2	15	5	5
CA01 DR4	<1	38	3	10	.7	9	51	3717	2.25	13250	<8	4	<2	517	.3	32	3	9	27.43	.011	13	9	.25	24	<.01	3	.18	.01	.11	<2	8084	<2	<2
CA01 DR5	2	32	<3	22	<.3	24	11	948	2.28	15	<8	<2	<2	200	.2	<3	<3	49	6.51	.019	1	88	1.88	31	.01	4	.62	.02	.08	2	17	3	<2
CA01 DR6	1	3709	<3	79	1.0	13	25	995	4.58	15	<8	<2	<2	42	.5	<3	3	191	3.16	.194	7	24	1.73	26	.02	<3	1.79	.11	.14	<2	73	<2	5
CA01 DR7	2	78	<3	13	<.3	31	19	199	1.50	2	<8	<2	<2	29	<.2	<3	<3	24	.69	.013	2	124	.85	271	.04	<3	.49	.05	.11	<2	<2	19	<2
STANDARD DS3/FA-10R	9	126	35	158	<.3	36	11	821	3.21	31	8	<2	4	28	5.7	6	7	80	.54	.095	17	184	.60	155	.09	3	1.72	.05	.17	3	505	476	475

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 R150 60C AU** PT** & PD** GROUP 3B BY FIRE ASSAY & ANALYSIS BY ICP-ES. (30 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 14 2001 DATE REPORT MAILED: Nov 22/01 SIGNED BY..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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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/01 File # A104408

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	Pt** ppb	Pd** ppb
SI	1	2	<3	3	<.3	1	<1	5	.03	<2	<8	<2	<2	2	.2	<3	<3	<1	.09	.001	1	2	.01	2	<.01	<3	.01	.35	.01	<2	<2	<2	2
CA01 DR8	2	14	3	48	<.3	38	35	525	9.39	<2	<8	<2	<2	46	<.2	<3	<3	525	1.58	.021	1	15	1.79	63	.29	<3	1.66	.19	.13	2	<2	<2	<2
CA01 DR9	28	29	5	26	<.3	38	32	651	2.62	2	<8	<2	<2	85	.6	<3	<3	32	8.57	.020	4	49	.51	408	.03	<3	.39	.04	.06	<2	<2	4	4

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.
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ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK R150 60C AU** PT** PD** GROUP 3B BY FIRE ASSAY & ANALYSIS BY ICP-ES. (30 gm)

DATE RECEIVED: DEC 19 1991 DATE REPORT MAILED: Jan 4/02 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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GEOCHEMICAL ANALYSIS CERTIFICATE

Lodestone Explorations Co. Inc. File # A104407

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	Pt** ppb	Pd** ppb
SI	<1	1	<3	2	<.3	4	<1	14	.03	<2	<8	<2	<2	3	<.2	<3	<3	1	.09	<.001	1	9	.01	2	<.01	<3	.01	.36	<.01	<2	3	<2	<2
B 76196	3	20	6	30	<.3	38	12	349	2.50	132	<8	<2	4	58	.8	7	<3	76	1.29	.130	23	70	1.29	154	.05	<3	1.32	.08	.49	<2	23	5	2
B 76197	2	110	3	58	.5	137	42	868	5.93	894	<8	<2	<2	353	1.3	7	<3	216	6.99	.127	3	345	4.11	332	.16	<3	3.20	.06	1.66	<2	48	8	10
B 76198	3	144	6	55	.5	100	46	1015	6.84	4550	<8	<2	<2	353	1.0	6	<3	240	8.49	.117	2	282	3.62	218	.19	<3	3.43	.17	1.80	<2	181	11	14
B 76199	2	270	6	64	.7	100	45	1074	6.74	4192	<8	<2	<2	335	1.4	10	<3	236	9.25	.113	2	264	3.78	307	.20	3	3.29	.12	1.87	3	270	7	13
B 76200	3	96	7	28	.3	84	34	1095	5.96	3226	<8	<2	<2	444	1.2	11	3	212	9.68	.103	2	231	4.02	346	.13	<3	3.41	.18	1.68	2	114	4	14
B 76201	1	96	8	33	.5	137	35	974	6.02	2030	<8	<2	<2	375	.9	16	4	217	7.73	.130	3	274	4.34	296	.13	3	3.96	.22	1.63	<2	103	4	13
B 76202	2	111	3	55	.3	118	36	1054	6.42	858	<8	<2	<2	259	1.2	15	<3	227	6.98	.139	4	260	4.72	336	.15	3	3.67	.13	1.63	3	49	5	10
RE B 76202	2	109	<3	56	.4	118	37	1038	6.38	832	<8	<2	2	255	1.0	11	5	226	6.97	.139	4	259	4.72	307	.14	3	3.63	.12	1.64	<2	47	6	9
RRE B 76202	2	111	<3	61	.3	120	37	1059	6.42	861	<8	<2	<2	260	1.2	14	5	225	7.05	.139	4	257	4.74	332	.15	<3	3.64	.12	1.62	<2	46	<2	8
B 76203	2	107	<3	66	.3	146	37	1032	6.34	55	<8	<2	2	238	1.1	10	<3	234	6.38	.143	4	293	4.68	1177	.17	<3	3.35	.05	1.61	<2	4	6	11
B 76204	2	104	7	64	<.3	272	43	1059	6.17	36	<8	<2	<2	257	1.1	5	<3	220	6.35	.126	4	434	6.35	709	.14	<3	3.16	.04	1.15	<2	2	<2	12
B 76205	2	108	6	64	.3	259	42	1173	6.45	244	<8	<2	<2	332	1.0	8	<3	215	6.85	.121	4	431	6.30	404	.10	<3	3.17	.03	1.00	<2	26	3	7
B 76206	2	82	9	59	.3	186	38	1034	5.19	278	<8	<2	<2	424	.9	8	4	162	9.13	.085	3	425	4.43	543	.09	<3	2.67	.04	.93	<2	30	4	10
STANDARD DS3/FA-10R	9	122	33	153	.3	33	11	824	3.11	30	8	<2	4	25	5.6	5	5	74	.49	.088	17	178	.55	151	.08	<3	1.62	.04	.16	4	485	469	479

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