GEOLOGICAL, GEOCHEMICAL AND DRILLING REPORT

of the

DOMIN PROJECT

Cariboo Mining Division,
British Columbia, Canada

Property Locations
93H/6E/7W

Prepared for

Gold City Industries Ltd.
Suite 200 - 580 Hornby Street
Vancouver, British Columbia
V6C 3B6

Prepared By

Paul S. Cowley P.Geo.

January, 2001

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

LIST OF APPENDICES

1 Introduction

The Domin Project is owned by Gold City Industries Ltd. and is strategically located in highly prospective ground with excellent potential for the discovery of major gold deposits. Significant exploration programs in the past have identified numerous anomalous zones that have either not been tested or have been under-explored.

The Domin Project is approximately 43 kilometers northeast of Wells, BC and the WelBar Project of Gold City Industries Ltd. Gold City Industries Ltd. controls approximately 15 kilometers of prospective ground along the highly geochemically anomalous Isaac Lake Fault system. This area was identified by a prospector and shortly there after identified by a BC regional stream geochemical survey to contain the majority of the 95th percentile assayed samples in the study area for gold, lead, arsenic and antimony. The potential to discover economic mineralization in this area was further increased by the discovery and partial delineation of two significant gold showings (North and South Zones) by Noranda Exploration Co. Ltd. at the north end of the property.

Gold City Industries Ltd. conducted a regional prospecting program followed by a 1012m diamond drill program in 2000. Drilling indicated 100m strikelength continuity to a mineralized deformation zone. The past and current surface work indicates lateral strikelength potential of gold-base metal mineralization in excess of 600m. Further work is justified to evaluate this strikelength potential and beyond by firstly trenching and prospecting followed by drilling on positive results.

1.1 Location and Access

The Domin Project is 43 kilometers northeast of the town of Wells, BC and about 110 kilometers east-southeast of Prince George. The property is located on NTS map 93H16E/7W and within the Cariboo Mining District of central British Columbia. The Project area stretches from the junction of Haggen Creek and Dominion Creek, northwest of Clear Mountain in the north to the headwaters of Littlefield Creek, northwest of Isaac Lake in the south (Figure 1).

Access to the northern portion of the claims from Prince George is by Highway 16 east to a series of gravel-based Forest Service Roads (Bowron, Narrow and Haggen) and Forest/Mining roads (Rustad and Noranda). The final 13 kilometers are bush roads requiring a 4-wheel drive vehicle at times. A deactivated logging road from Bowron Lakes accesses the southern portion of the claims. There is no road access to the central portion of the property. Helicopter access may be had from Prince George.

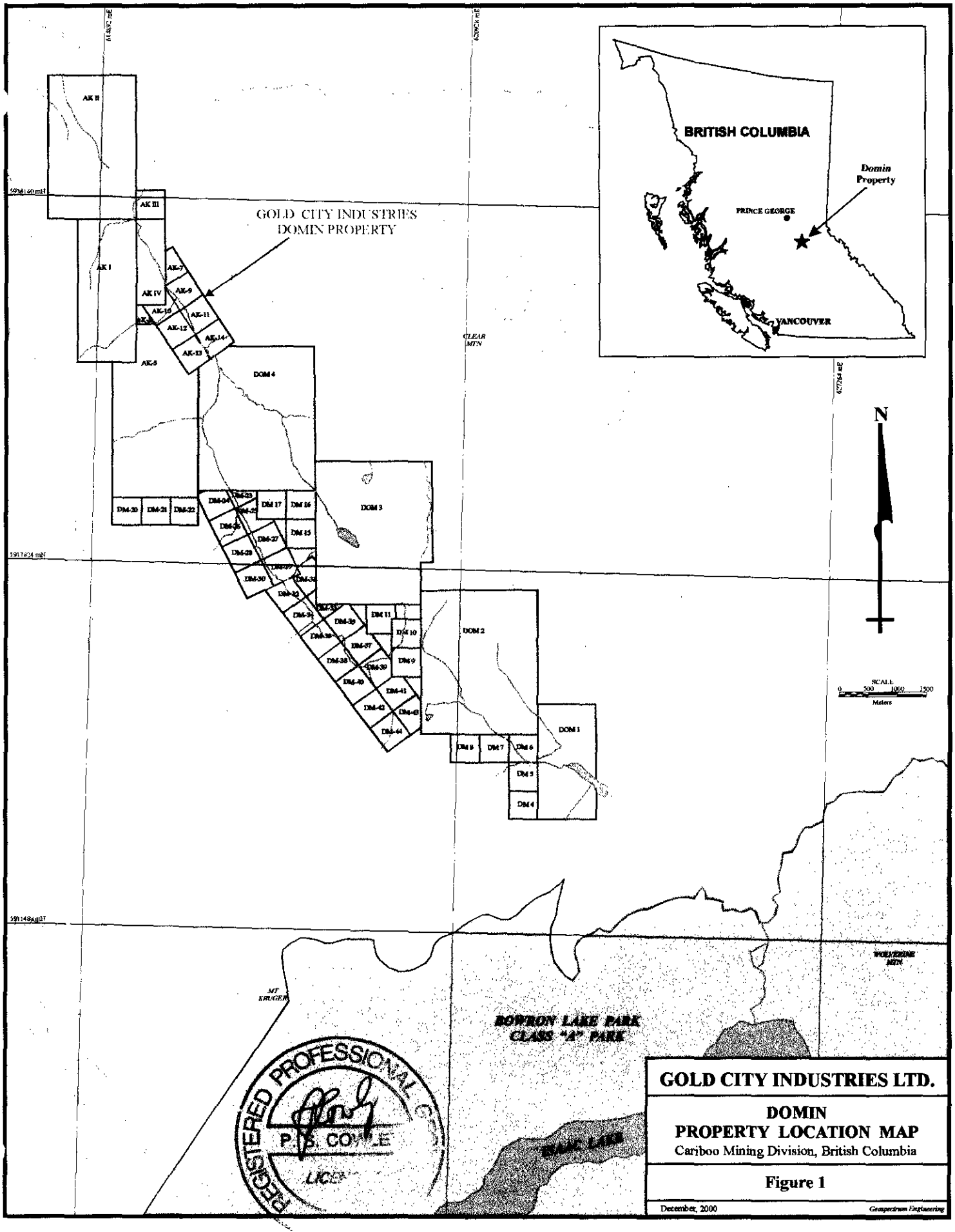
1.2 Physiography

The property is situated along the western edge of the Cariboo Mountains. The maximum local relief is only 700 meters with the majority of the prospective ground at 1,200 to 1,500 meters mean sea level. The terrain across the property has a moderate slope, although along Dominion Creek, the area of present known anomalies, there are steep slopes.

Most of the property is forested with mature spruce and balsam fir and is covered with a moderate to dense underbrush of dwarf willow, huckleberry and devil's club.

1.3 Exploration History

A prospector, Mr. N. Kencayd, identified mineralized quartz-galena-sphalerite boulders in Dominion Creek and subsequently staked the Dominion Creek Property. Subsequent to that a provincial government regional geochemical survey conducted in 1984 in this area identified significant geochemical anomalies (Pb, As, Sb, Co and Fe) along the watersheds in the Isaac Lake Fault structure. Several geochemical anomalies along the upper reaches of Dominion Creek were within the 95th and 98th percentile of all



GOLD CITY INDUSTRIES LTD.

DOMIN
PROPERTY LOCATION MAP

Cariboo Mining Division, British Columbia

Figure 1

December, 2000

Geospectrum Engineering

samples taken in the survey. High values were also obtained in Pb, As and Sb from the survey at the headwaters of Littlefield Creek.

The government returned in 1985 for a follow-up survey of the Dominion Creek area. Silt and panned concentrate samples confirmed anomalous values in Pb, As and Sb. Maximum gold values from silt samples were 20 ppb Au and up to 1000 ppb Au from panned concentrate.

The claims were optioned to Noranda Exploration Company Ltd., which carried out exploration programs from 1986 to 1988. They discovered two mineralized showings at the junction of the Discovery (Camp) Creek and Dominion Creek (North and South Zones). Noranda Exploration Company Ltd.'s exploration program included a stream sediment survey, a grid soil survey, trenching and 53 diamond drill holes totaling 3,484 meters. Drill results included 18 intercepts of one to ten meters in thickness with grades ranging from 4 grams per tonne (g/t) to 40 g/t of gold.

Noranda Exploration Company Ltd. in 1989 terminated all exploration in British Columbia and returned the property to Mr. Kencayd. Mr. A. Raven purchased the property in that same year. He exposed the South Zone and stockpiled ore grade material. Mr. Raven entered into a joint venture with Aquila Resources Ltd. in 1990. The joint venture partners completed a 1,180 tonne bulk sample in 1992, which averaged 14.0 g/t of gold.

Gold City Industries Ltd. acquired claims adjoining the Dominion Creek property in the mid-1990's after identifying the potential along the Isaac Lake Fault and south of the known mineralized zones. A combination of extremely anomalous results above the North and South Zones from the government surveys, anomalies at the headwaters of Littlefield Creek and the northwesterly direction of glacial ice indicates the very good potential for additional mineralization within the Domin Project area. Gold City Industries Ltd. acquired the option to the Dominion Creek claims on April 17, 2000.

1.4 Claims

The Domin Project consists of 3 adjoining properties and covers approximately 3,975 ha.

The Domin property consists of 11 mineral claims (56 units), totaling approximately 1,400 ha., which is 100 % owned by Gold City Industries Ltd.

The Dominion Creek property consists of 15 mineral claims (59 units) totaling approximately 1,475 ha. This property is under option from Mr. R. MacArthur and Mr. A. Raven. Gold City Industries Ltd. can acquire 100 % ownership with cash payments ($ 550,000), Gold City Industries Ltd. shares (200,000) and completion of exploration work to maintain the property in good standing for 5 years. The property is also subject to a 2 % NSR royalty in favour of Mr. N. Kencayd. Gold City may purchase 1.5 % of the NSR back at anytime for $350,000.

The Domin property and the Dominion Creek property were enlarged this year by staking of an additional 44 contiguous units covering approximately 1,100 ha.

Table 1: DOMIN PROJECT CLAIMS

Tenure No.	Claim Name	Status	Units	Title Holder
354009	DOM 1	Good Standing 2004/10/10	8	Gold City
354010	DOM 2	Good Standing 2004/10/10	20	Gold City
354014	DM 4	Good Standing 2004/10/10	1	Gold City
354015	DM 5	Good Standing 2004/10/10	1	Gold City

354016	DM 6	Good Standing 2004/10/10	1	Gold City
354017	DM 7	Good Standing 2004/10/10	1	Gold City
354018	DM 8	Good Standing 2004/10/10	1	Gold City
354019	DM 9	Good Standing 2004/10/10	1	Gold City
354020	DM 10	Good Standing 2004/10/10	1	Gold City
354276	DOM 3	Good Standing 2004/10/10	20	Gold City
354278	DM 11	Good Standing 2004/10/10	1	Gold City
375996	DM-20	Good Standing 2004/10/10	1	Gold City
375997	DM-21	Good Standing 2004/10/10	1	Gold City
375998	DM-22	Good Standing 2004/10/10	1	Gold City
375999	DM-23	Good Standing 2004/10/10	1	Gold City
376000	DM-24	Good Standing 2004/10/10	1	Gold City
376001	DM-25	Good Standing 2004/10/10	1	Gold City
376002	DM-26	Good Standing 2004/10/10	1	Gold City
376003	DM-27	Good Standing 2004/10/10	1	Gold City
376004	DM-28	Good Standing 2004/10/10	1	Gold City
376005	DM-29	Good Standing 2004/10/10	1	Gold City
376006	DM-30	Good Standing 2004/10/10	1	Gold City
376007	DM-31	Good Standing 2004/10/10	1	Gold City
376008	DM-32	Good Standing 2004/10/10	1	Gold City
376009	DM-33	Good Standing 2004/10/10	1	Gold City
376010	DM-34	Good Standing 2004/10/10	1	Gold City
376011	DM-35	Good Standing 2004/10/10	1	Gold City
376012	DM-36	Good Standing 2004/10/10	1	Gold City
376013	DM-37	Good Standing 2004/10/10	1	Gold City
376014	DM-38	Good Standing 2004/10/10	1	Gold City
376015	DM-39	Good Standing 2004/10/10	1	Gold City
376016	DM-40	Good Standing 2004/10/10	1	Gold City
376017	DM-41	Good Standing 2004/10/10	1	Gold City
376018	DM-42	Good Standing 2004/10/10	1	Gold City
376019	DM-43	Good Standing 2004/10/10	1	Gold City
376020	DM-44	Good Standing 2004/10/10	1	Gold City
205239	AK I	Good Standing 2009/10/10	10	Macarthur – 100% option to Gold City
205240	AK II	Good Standing 2009/10/10	15	Macarthur – 100% option to Gold City
205241	AK III	Good Standing 2009/10/10	1	Macarthur – 100% option to Gold City
205242	AK IV	Good Standing 2009/10/10	3	Macarthur – 100% option to Gold City
353532	AK - 7	Good Standing 2009/10/10	1	Macarthur – 100% option to Gold City
353533	AK - 9	Good Standing 2009/10/10	1	Macarthur – 100% option to Gold City
353534	AK - 10	Good Standing 2009/10/10	1	Macarthur – 100% option to Gold City

353535	**AK - 11**	**Good Standing 2009/10/10**	**1**	**Macarthur – 100% option to Gold City**
353536	**AK - 12**	**Good Standing 2009/10/10**	**1**	**Macarthur – 100% option to Gold City**
353537	**AK - 14**	**Good Standing 2009/10/10**	**1**	**Macarthur – 100% option to Gold City**
353539	**AK - 13**	**Good Standing 2009/10/10**	**1**	**Macarthur – 100% option to Gold City**
354277	**DOM 4**	**Good Standing 2009/10/10**	**20**	**Macarthur – 100% option to Gold City**
354280	**DM 15**	**Good Standing 2009/10/10**	**1**	**Macarthur – 100% option to Gold City**
354281	**DM 16**	**Good Standing 2009/10/10**	**1**	**Macarthur – 100% option to Gold City**
354282	**DM 17**	**Good Standing 2009/10/10**	**1**	**Macarthur – 100% option to Gold City**
375994	**AK-5**	**Good Standing 2009/10/10**	**18**	**Macarthur – 100% option to Gold City**
375995	**AK-8**	**Good Standing 2009/10/10**	**1**	**Macarthur – 100% option to Gold City**
Total No. of Claims	**53**	**Total No. of Units**	**159**	

2 Work Program

Gold City Industries Ltd. completed a 2000 exploration program consisting of geological mapping, a stream sediment survey, a soil geochemistry survey, prospecting and diamond drilling. The program ran from August 1, 2000 until October 9, 2000. Heavy persistent rains through most of this period and rugged terrain slowed work considerably. Work was supported by a tent camp near the South Zone. Crews walked to their work areas on the property. Minor helicopter support from Prince George by Pacific Western Helicopters was provided for more distant work. Supplies were brought in by pickup truck from Prince George. A total of 85 mandays were spent on the surface program and a further 109 mandays were spent on the drill program. A short, 17-hole 1012.9m diamond drill program was completed in late fall after a re-interpretation was completed on the South Zone mineralization.

2.1 Surface Program

The primary target area of the 2000 field season was an intense deformation zone projected from the South Zone to the "8000N" anomaly (Noranda field crew locality), a distance of 1,700 metres. The deformation zone is believed to fall within the area influenced by the Isaac Lake fault zone. This target zone included all but one of the soil anomalies upstream and up-ice of Discovery Creek as indicated by the Noranda data (Assessment Reports 16549 and 17599) and the areas in the immediate vicinity of the anomalous pan concentrate samples (Boronowski , 1986).

Due to the terrain and cover, detailed grids were established in the South Zone and 184+25N to 185+50N west of the baseline to control mapping and sampling within this deformation corridor. A new baseline was cut parallel to and traversed along the western edge of the projected deformation zone. The 1,500 metre long baseline was marked every 25 metres by 1.5 metre high pickets with stations labeled with Tyvek tagging. 160 to 240 metre long cross lines were established with stations marked with numbered flagging

on the soil and tie lines but picketed in the South Zone area. This grid was slope corrected by field crews using an inclinometer. The extent of this grid is shown in Figure 3.

A soil sampling survey was undertaken this season over an area 125 metres by 240 metres on the main grid in order to relocate and confirm an anomaly indicated in the Noranda data. A total of 79 soil samples were collected. Samples were taken at stations every 20 metres along 240 metre long lines for 125 metres. A uniform B horizon was collected approximately 15 cm below surface by clean shovel and bagged in Kraft paper bags (Figure 9).

A traditional stream sediment survey was carried out in order to locate areas of interest within the targeted deformation zone. The samples were taken wherever an active or intermittent drainage pattern crossed the baseline. Twenty samples were taken during this survey covering a strikelength of 1,300 metres along the lower western slopes draining into Dominion Creek (Figure 10).

Selected areas mapped on the grid included the lower parts of Discovery Creek, the west side of Dominion Creek upstream of Discovery Creek and selected areas where prospecting had located quartz veining (see Figure 11). Mapping was undertaken in the South Zone area at a scale of 1:200 (Figure 12). The grid outside the South Zone was not completely mapped as priorities shifted during the program to include drilling. A total of 56 rock samples were taken during the mapping exercise.

2.2 Drilling Program

On September 17, 2000 a drill program was initiated in the area of the bulk of Noranda's drilling of the South Zone. The South Zone hosts a system of exposed high-grade gold-silver-lead-zinc bearing veins, which were drilled by Noranda Exploration Company Ltd. in 1987. Highlights of Noranda's drilling included the following intercepts: 24.74g/t Au across 6.55 m, 18.98g/t Au across 4.70 m, and 10.38g/t Au across 9.95 m.

New interpretation by the Company's VP of Exploration, Paul Cowley, shows the presence of a 150-200 m long trend of multiple, steep-dipping mineralized veins/structures within a 50m wide package, open at depth. The diamond drilling proposed to systematically test this strike length at depth for lateral and vertical continuity to the mineralized zones previously drilled by Noranda in 1986/87.

A total of 17 diamond drill holes in 1,012.9 metres were completed by contractor, Aggressive Drilling Ltd. of Kelowna, BC with a JKS Super 300 mobile drill rig by September 30, 2000. Thin wall BQ core was captured and stored in wooden core boxes.

Core recovery was generally over 90%. Industry standard quality assurance and quality control procedures were followed. All core was photographed and logged by geologists Ned Reid or Paul Cowley. Drill log records are found in Appendix IV. Selected cores for analyses were split with half the core retained and half sent to Acme Analytical Laboratories Ltd. of Vancouver. Analyses for the core are found in Appendix V. High and low gold pulp standards from International Metallurgical and Environmental Inc. (IME) of Kelowna, BC were interjected into the sampling sequence every 20th sample. The Low Gold Standard according to IME averaged 3.21 g/t Au with a 0.34 g/t Standard Deviation. The High Gold Standard averaged 7.56 g/t Au with a 0.39 g/t Au Standard Deviation. A total of 447 core and Gold City standards were analyzed. The core is now stored in the Company's storage facilities in Well, BC.

An optical/laser survey was carried out in the South Zone area to maintain good control of all geological mapping, sampling and drill collars. This survey provided an accurate location and relative elevation between all mapping, sampling and drill collars. A series of turning points were established using the Noranda surveyed bench marks, BM 814 and BM 824, as the primary and closing control for the survey. The survey closure was within 0.5 metre horizontally and within 0.25 metre vertically.

2.3 Geochemical Sample Preparation and Analyses

Rock, soil and core samples were sent to Acme Analytical Laboratories Ltd. in Vancouver, BC. Soil and silt samples were sieved to -80 mesh. Rock and core samples were pulverized and sieved to -150 mesh. Sieved samples were then digested in HCL, HNO3 and H20, and analyzed for 30 elements by inductively coupled Argon plasma (ICP). Au was analyzed by atomic absorption to a 1 ppb detection limit involving a 30-gram sample fire assayed.

Inductively-Coupled Plasma-Atomic Emission Spectroscopy is utilized to analyze for 30 elements. A prepared 0.500g sample is digested with 3ml of 2/2/2 of HCl/HNO_3 H2O at 95° C for 60 minutes and diluted to 10 ml with deionized water and analyzed using a Jarrell Ash 1100 plasma spectrometer after calibration with proper standards. The analytical results are corrected for spectral inter-element interferences. Elements analyzed for are as follows: Ag, Al, As, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Th, Ti, U, V, W and Zn.

3 Regional Geology

3.1 Stratigraphy and Structure

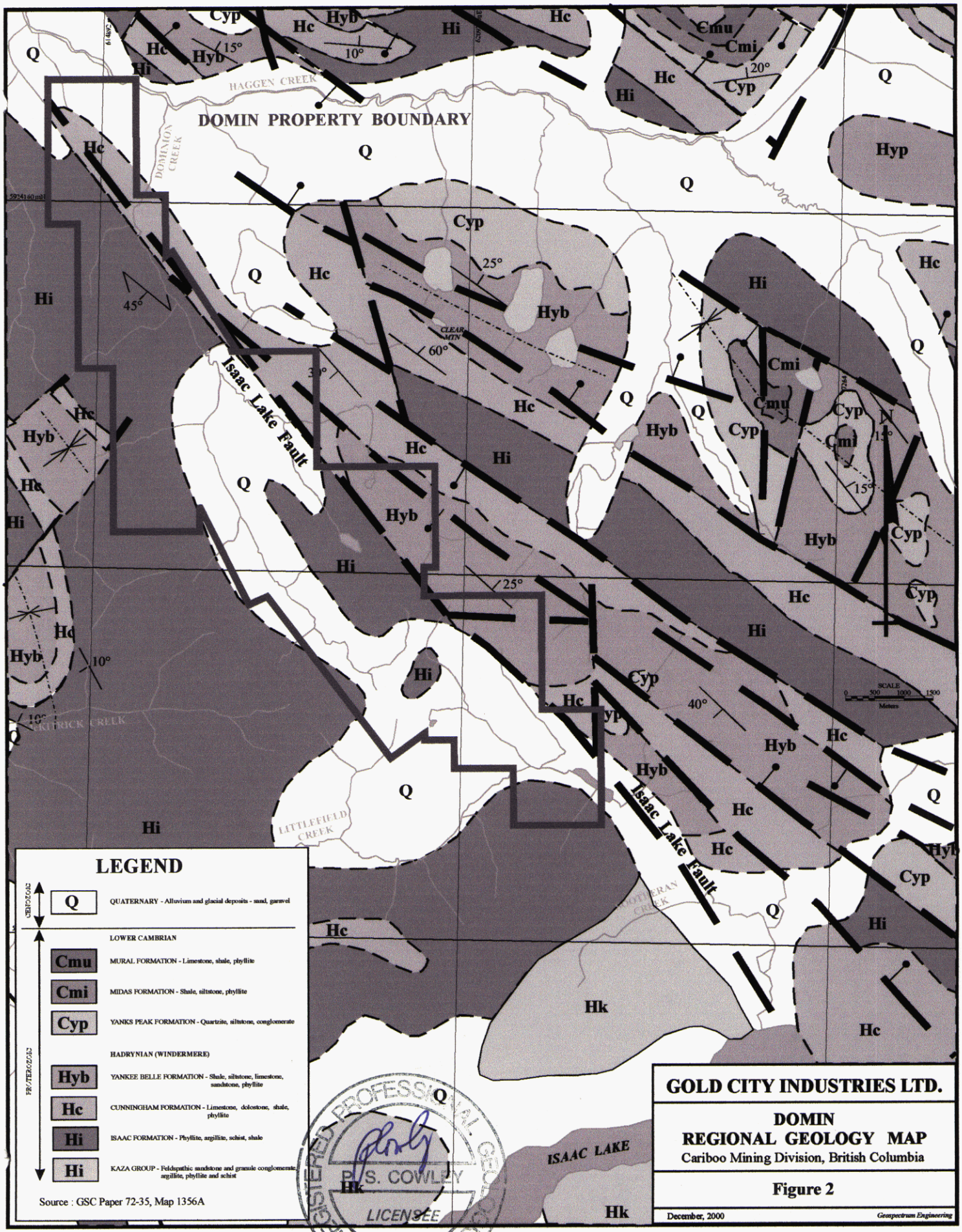
The Cariboo gold mining region consists of three stratigraphically and tectonically unique, Proterozoic to Triassic accreted terranes, each bounded by thrust and strike-slip faults. The Domin Project lies in Precambrian to Permo-Triassic continental shelf clastic and carbonate rocks of the Cariboo Terrane. To the west, the Cariboo Terrane is thrust against Precambrian and Paleozoic continental shelf and slope clastic, carbonates and volcaniclastics of the Barkerville Terrane along the Pleasant Valley Thrust Fault. Slivers of Mississippian to Permian rift floor pillow and chert of the Slide Mountain Terrane are thrust eastward along the Pundata Fault, and tectonically cap parts of the Barkerville and Cariboo Terranes.

An Ordivician unconformity divides the Cariboo Terrane into two successions. The oldest succession, made up of Cambrian and older grit, limestone, sandstone and shale, is laterally conformable with rocks of the Cariboo Mountains. Ordivician to Permo-Triassic basinal shale, dolostone, greywacke, limestone and less occurring basalt unconformably overlie the older succession. Lithologies and ages of the younger succession correlates with parts of the Cassiar Platform and Selwyn Basin of Northern British Columbia and the Yukon Territory (Struik, 1988).

4 Property Geology

4.1 Geology

Details of the local geology are given by Savell (1988). The Domin Project is extensively covered by a blanket of alluvium and till with outcrop sparse. Savell mapped two basal Proterozoic to Cambrian units of the Cariboo Terrane across the property, called the Isaac and Cunningham Formations. The contact between the two units is unconformable coinciding with the assumed trace of the strong northwest-trending Isaac Lake Fault Zone in this area. The fault follows the general northwesterly line of Dominion Creek. The Isaac Formation consists of grey to black argillite (phyllite and slate), limestone and less interlayered grey siltstone and quartzite. The phyllite and slate are variably graphitic, calcareous and pyritic. Medium to coarse-grained disseminated pyrite coexists with quartz and calcite shadows. Grey to black micritic limestone layers, ranging from 20 to 30m thick, are major components in this formation. These layers increase in number proportionally upwards to a gradational contact with the Cunningham Formation. Thinly layered marl and carbonate in local argillites (phyllites) distinguish the Isaac Formation from others. The Cunningham Formation mainly consists of massive and faintly laminated, micritic to finely-crystalline, medium grey limestone. The limestone is interlayered with minor amounts of graphitic phyllite.


DOMIN PROPERTY BOUNDARY
HAGGEN CREEK
DOMINION CREEK
CLEAR MTN
Isaac Lake Fault
Isaac Lake Fault
LITTLEFIELD CREEK
ISAAC LAKE
SCALE
0 500 1000 1500
Meters
LEGEND
CENOZOIC
Q QUATERNARY - Alluvium and glacial deposits - sand, gamvel
PROTEROZOIC
LOWER CAMBRIAN
Cmu MURAL FORMATION - Limestone, shale, phyllite
Cmi MIDAS FORMATION - Shale, siltstone, phyllite
Cyp YANKS PEAK FORMATION - Quartzite, siltstone, conglomerate
HADRYNIAN (WINDERMERE)
Hyb YANKEE BELLE FORMATION - Shale, siltstone, limestone, sandstone, phyllite
Hc CUNNINGHAM FORMATION - Limestone, dolostone, shale, phyllite
Hi ISAAC FORMATION - Phyllite, argillite, schist, shale
Hi KAZA GROUP - Feldspathic sandstone and granule conglomerate, argillite, phyllite and schist
Source : GSC Paper 72-35, Map 1356A
REGISTERED PROFESSIONAL GEOLOGIST
P.S. COWLEY
LICENSEE
N.W.T.
GOLD CITY INDUSTRIES LTD.
DOMIN
REGIONAL GEOLOGY MAP
Cariboo Mining Division, British Columbia
Figure 2
December, 2000
Geospectrum Engineering

Bedding on the Domin Project mainly strikes west northwest and dips 30° to 75° to the southwest. Foliation appears to strike slightly more northerly. A southeast plunging anticlinal axis was mapped near the east edge of the property along Dominion Creek. Bedding orientation changes to an east-west direction in the East-Central part of the property.

A prominent northwest trending fault appears to strike through the central part of the property. This assumption was based on abrupt lithological changes mapped by Savell (1987). Savell believes that this structure is the northwest extension of the Isaac Lake Fault. Several small northwest striking faults mapped across the property appear to be splay increments that parallel along side of the Isaac Lake Fault. One such structure, called the 155 Fault, appears to have correlation with significant gold mineralization in the South Zone and possibly in the North Zone.

The mineralization is structurally controlled and associated with the Isaac Lake Fault system. Subparallel and oblique faults in the South and North Zones probably acted as conduits and traps for silica-rich hydrothermal solutions. Precious and base metal-rich quartz veins resemble quartz-rich dilation segments that have been traced up to 60 meters in length on surface and 100m by drilling and are similar to the dilation cluster mineralization mined at the Cariboo Gold Quartz Mine (19.5 million grams Au from 1.5 million tonnes)(Kocsis, 1997). This anomalous deformation zone appears to extend from the South Zone to the southeast toward the junction of the East and West Fork of Dominion Creek, a distance of approximately 3,000 meters and sub-parallel to the Isaac Lake Fault.

4.2 Mineralization

On the Domin project, structural features observed in core and surface exposures in the South Zone gold mineralized area display a history of complex deformation.

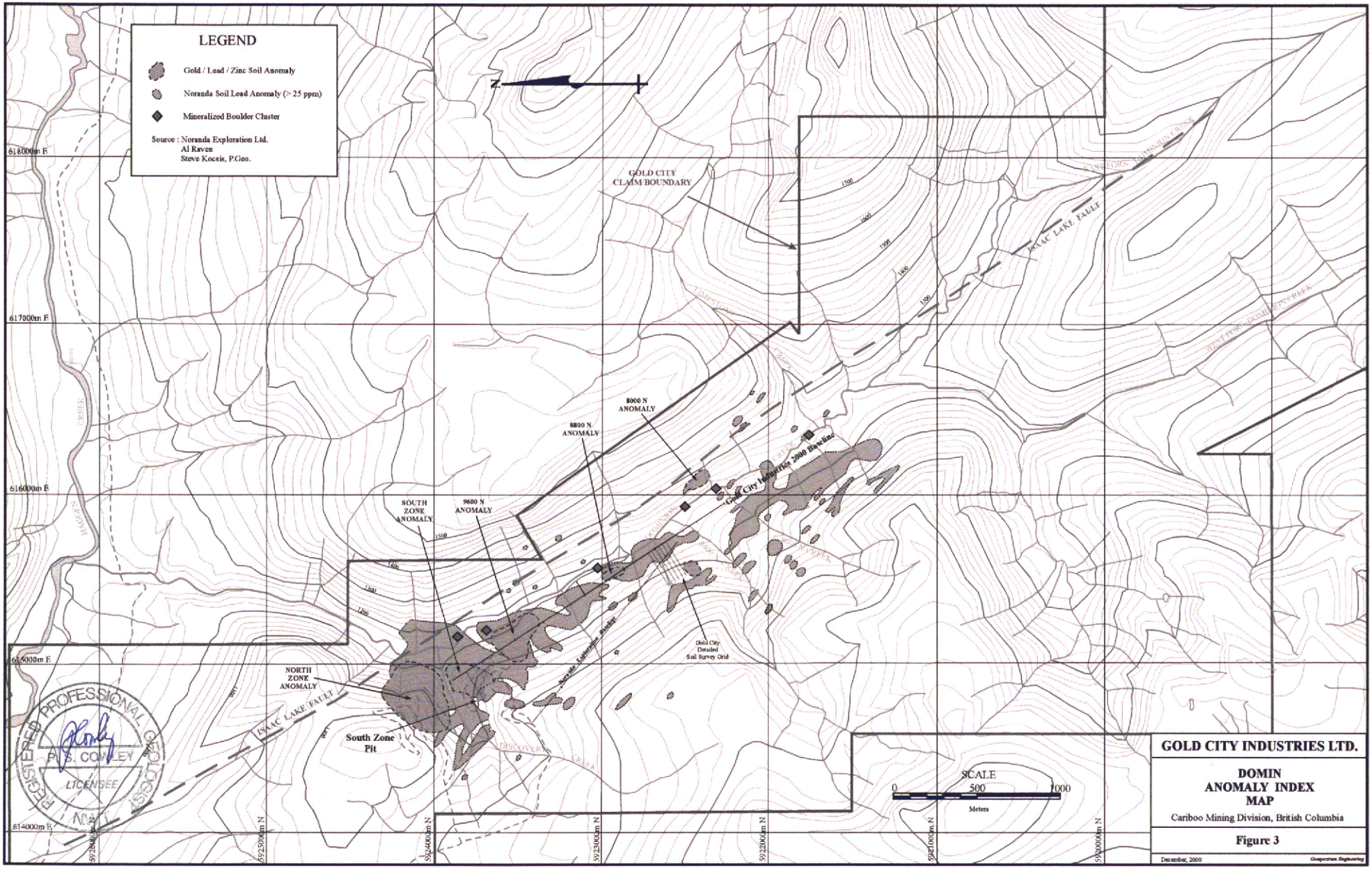
Recent geological surface mapping along the South Zone indicates that mineralized quartz structures in the area are controlled laterally along multiple minor folds plunging anywhere from 2 to 7 degrees to the southeast, and in some places anomalously 7 degrees to the northwest. The axis of all observed folds parallel and coincide with the foliation (S1) of the local bedrock in the area.

A set of quartz structures (samples 23744 – 50, 23851 – 54, 23871 – 72, and 23873 – 74), exposed along a 55 metre long portion of the lower mine pit access road, appear to be lateral stacked vein extensions along the synclinal nose of a single fold with an axial plane dipping 68 to 77 degrees to the southwest. The axis of this minor syncline strikes sinuously at about 130 degrees. The plunge of this fold axis locally undulates and varies from 7 degrees southeasterly to 7 degrees northwesterly.

The 11 metre long quartz structure (samples 23858 – 60 and 23861 – 64) located about 15 metres south of the road exposure, is also controlled along a minor synclinal nose striking sinuously at about 108 degrees. The axial plane of this fold dips 84 degrees to the southwest, and the axis plunges 6 degrees to the southeast.

The quartz structures in both of the above areas are nearly flat lying broadly concave-shaped bodies. Occasional pinched conical-concave-shaped quartz structures in these areas arise from repeated tightening and slacking along folds. Quartz structures observed along the east face of the main mine pit are vertically extended along the limbs of multiple tight folds, and in some cases show closure along minor anticlines. The large quartz structure obscured in the pit floor is probably controlled along the nose of a somewhat major anticline with axial parameters similar to neighbouring folds with exception to dragging and distortion along the 155 Fault.

The quartz structure (sample 23870) located immediately west of the mine pit is probably dragged and dislocated northwesterly along the west block of the 155 Fault. This structure may be the extension of the quartz structure (sample 23876) located 30 metres southerly along the east block of the 155 Fault. Both structures exhibit similar varieties and concentrations of sulfides (galena with less chalcopyrite, brown-coloured sphalerite, and pyrite).


LEGEND
Gold / Lead / Zinc Soil Anomaly
Noranda Soil Lead Anomaly (> 25 ppm)
Mineralized Boulder Cluster
Source : Noranda Exploration Ltd.
Al Raven
Steve Kocsis, P.Geo.
N
GOLD CITY CLAIM BOUNDARY
ISAAC LAKE FAULT
8000 N ANOMALY
8800 N ANOMALY
9600 N ANOMALY
SOUTH ZONE ANOMALY
NORTH ZONE ANOMALY
Gold City Industries 2000 Baseline
Gold City Detailed Soil Survey Grid
South Zone Pit
618000m E
617000m E
616000m E
615000m E
614000m E
5926000m N
5925000m N
5924000m N
5923000m N
5922000m N
5921000m N
5920000m N
SCALE
0
500
1000
Meters
REGISTERED PROFESSIONAL GEOLOGIST
P.S. COWLEY
LICENSEE
GOLD CITY INDUSTRIES LTD.
DOMIN
ANOMALY INDEX
MAP
Cariboo Mining Division, British Columbia
Figure 3
December, 2000
Geospectrum Engineering

Prominent sulfide concentrations along most of the quartz bodies exposed in the South Zone are commonly controlled within sheet-like quartz breccia structures, up to 30 centimetres wide, containing anywhere from 5% to 80% in decreasing order fine-grained galena, and coarse-grained chalcopyrite-pyrite-sphalerite. Some thinly fractured zones are dominated by 5% to 8% semi-massive streaks of coarse-grained chalcopyrite. The brecciated zones are almost entirely confined to the outer edges of various quartz structures and adjacent to neighbouring host rock consisting of thinly interlayered argillaceous microcrystalline limestone, and graphitic argillite (phyllite). The host rock contains 5% or more narrow quartz veins (< 2 centimetres wide) that parallel, and to a lesser extent crosscuts, local foliation. The crosscut veins are commonly disrupted and terminate along thin layers of pseudo chert-carbonate.

Sulfide/gold-enrichment within the quartz structures could have developed by either of the following two processes: 1) Sulfide-gold mineralization may have developed contemporaneous with late-stage deformation and subsequent brecciation resulting in enhanced fluidization at favourable temperatures and pressures; and/or 2) Carbonate-rich wall-rock may have been replaced with silica and auriferous sulfides at an earlier stage giving a false-breccia appearance. The latter process is preferably accepted for the following two reasons. 1) Some of the quartz-sulfide sheet structures (see sample-site 23858) are intricately folded within non-brecciated massive quartz bodies. It appears that tightly folded thin layers or inclusions of carbonate have been subsequently replaced with sulfides and silica. 2) A boulder of massive sulfide found at the toe of the mine pit landing illustrates a gradational change from barren quartz to massive siliceous sulfide to sulfide-enriched siliceous carbonate.

Replacement-type mineralization is best developed in gritty carbonates where high quantities of silt and sand-size quartz particles create the permeability necessary during decalcification. Most of the carbonates mapped adjacent to the quartz structures are pelitic although some thin gritty layers (generally less than 30 centimetres wide) have been mapped in the South Zone.

The interpretation given on Noranda's drill sections could be accurately illustrating: 1) multiple stacked quartz structures within the noses of folds with axial planes progressively flattening at depth; and/or 2) vein structures occupying extensive listric shearing along the limbs of folds.

On the 2B vein structure, exposed mineralization and veining was traced for 60m before being covered under overburden. Chip sampling of this area returned significant gold values presented below. Widths are considered true thickness.

Table 2: 2B Chip Sample Results

Sample Number	Sample Type	Width	Gold(g/t)	Silver (g/t)
23744 - 23750	Chip	4.90m	17.12	76.69
23851 - 23854	Chip	3.05m	19.56	18.01
23873	Chip	0.80m	77.8	107.8
23874	Chip	0.70m		21.8

On the 3B vein structure, quartz veining up to 4.15m wide was traced for 35m along strike before being covered under overburden. Chip sampling of this vein structure returned significant gold values summarized below. Widths are considered true thickness.

Table 3: 3B Chip Sample Results

Sample Number	Sample Type	Width	Gold(g/t)	Silver (g/t)
23855	Chip	0.30m	62.0	191.5
23856	Chip	0.80m	7.1	20.6
23857	Chip	1.10m	1.0	4.0
23858	Chip	1.50m	25.0	124.2
23859 – 23860	Chip	1.40m	0.6	2.0
23861 - 23864	Chip	4.15m	7.35	16.59

In 1992, an 1180 tonne bulk sample averaging 14.0 g/t gold was removed from the above two vein structures. A grab sample from the remaining stockpile returned 108 g/t gold and 211.6 g/t silver.

On the Western vein structure, a quartz vein up to 3m wide was traced for 15m along strike before being covered under overburden. Chip sampling of this vein structure returned significant gold values summarized below. Widths are considered true thickness.

Table 4: Western Vein Chip Sample Results

Sample Number	Sample Type	Width	Gold(g/t)	Silver (g/t)
23866	Chip	0.90m	15.6	8.9
23867	Chip	1.30m	4.93	7.4
23858	Chip	1.10m	16.7	7.2

The work conducted on Domin has clearly shown that the target has the potential to host near surface gold mineralization and indicates the potential of a resource.

These vein structures were under investigation by drilling which was completed September 21. Results are reported on below.

The prospectors/field crew located numerous exposures of bedrock throughout the targeted areas but not without a great deal of persistent effort. An exposure of quartz, 2 metres by 6 metres, was discovered and hand trenched at 194+90N and 103+05E (Figure 11). This exposure is located on the upslope edge of the 9600N Anomaly and is anomalous in gold (77 ppb), lead (657 ppm) and zinc (198 ppm). A series of rock samples were collected during the 2000 field season from bedrock exposures and floats. A portion of the target area is obscured by an old landslide that has masked any rock exposures and any soil geochemical anomalies. The target areas are generally steep with dense undergrowth of buckbrush, Devilsclub, Bracken fern and Slide Alder. As one goes westward the slopes moderate and the overburden of glacial till becomes much thicker obscuring all bedrock exposures and effectively masking any geochemical signature.

In addition, sampling in the North Zone, 350m north of the drill area has uncovered new showings of high grade gold mineralization. Two chip samples 40m apart from possibly the same quartz-galena vein, 0.60m and 0.20m wide, returned 23.84 g/t Au and 68.66 g/t Au, respectively.

The soil survey carried out this season was located in the area of 184+25N to 185+50N and west of the baseline to 100+60E in order to relocate and confirm an anomaly indicated in the Noranda data. The survey collecting 79 samples was successful in locating this anomaly but only captured the north edge of it. Figure 9 displays the gold, lead and arsenic anomalies. Gold values between 30 and 214 ppb were returned. Only one lead value in excess of 100 ppm was returned. Numerous arsenic values between 100 and 1335 ppm were returned. There are two distinct linear anomalies in gold and arsenic. One anomaly is 240m long along the full line 184+25N and open in three directions. The second anomaly trending 165^0 is 120m long and found on the west side of the grid. The survey will have to be extended to the west and south in future programs to fully delineate this target area. This anomaly is 250 metres to the west of the 8000N anomaly which may indicate another target area outside the "main" deformation zone.

The stream sediment survey was carried out on the western slopes of Dominion Creek in order to locate any areas of interest within the targeted deformation zone. The samples were taken wherever an active or intermittent drainage pattern crossed the baseline. There were 20 samples, numbered DCS-1 to 20, taken during this survey (see Figure 10) with the results listed in Appendix V.

The results of the survey indicated additional areas of interest that were not evident from the Noranda data which will require further soil sampling to delineate. These areas are located upslope of the baseline (103+00E) and between 183+00N and 194+00N on the baseline. An area between 102+00E and Dominion Creek (from 100 metres west of the baseline to 250 metres east of the baseline) would need to be surveyed to determine the extent of this anomaly.

The systematic silt sampling program undertaken along the baseline returned several values elevated in Au and Zn. The 9600N Anomaly defined by the Noranda work is highlighted by the silt program. Samples DCS-1, 6 and 7 returned gold values between 21.6 and 76.7 ppb with elevated zinc in DCS-1 with 171 ppm Zn. From samples DCS-11 to 20 a distance of 800m there were numerous gold and zinc values 19.9ppb to 275.3 ppb Au and 100 ppm to 120 ppm Zn. Only one sample DCS-20 returned elevated arsenic at 191 ppm As.

5 Drill Program

5.1 Introduction

The drill program focussed on east southeast trending quartz veining exposed over an area 50 metres x 150 metres in multiple deformation zones. Drilling along a 200 metre strikelength successfully tested these quartz veins/structures for a lateral and vertical continuity to the mineralized zones previously drilled by Noranda in 1986/87.

The drill hole collars and traces of all holes are shown on Figure 4. All holes were drilled with a 45^0 dip with the exception of 00GDD-09, 10, 12 and 14 which were drilled at 60^0 dip.

Table 5: Drillhole Information

Hole No	North (m)	East (m)	Azimuth	Dip	Depth (m)	Started	Finished
00GDD-1	555.0	540.0	200^0	-45	60.85	Sept. 17	Sept. 17
00GDD-2	530.0	548.0	200^0	-45	57.0	Sept. 18	Sept. 18
00GDD-3	589.5	558.5	200^0	-45	63.09	Sept. 18	Sept. 19
00GDD-4	601.35	528.25	200^0	-45	90.52	Sept. 19	Sept. 20
00GDD-5	581.0	543.0	200^0	-45	90.52	Sept. 20	Sept. 21
00GDD-6	562.0	557.0	200^0	-45	81.38	Sept. 22	Sept. 22

00GDD-7	563.75	522.0	155^0	-45	90.52	Sept. 23	Sept. 23
00GDD-8	587.0	5150	200^0	-45	50.90	Sept. 24	Sept. 24
00GDD-9	570.5	525.0	335^0	-60	29.66	Sept. 24	Sept. 25
00GDD-10	533.0	543.0	205^0	-65	50.6	Sept. 25	Sept. 25
00GDD-11	519.0	550.5	223^0	-45	29.6	Sept. 26	Sept. 26
00GDD-12	519.0	550.5	223^0	-60	57.0	Sept. 26	Sept. 26
00GDD-13	497.0	560.0	200^0	-45	29.6	Sept. 27	Sept. 27
00GDD-14	497.0	560.0	200^0	-60	24.1	Sept. 27	Sept. 27
00GDD-15	487.0	562.5	200^0	-45	81.38	Sept. 28	Sept. 28
00GDD-16	572.5	514.0	200^0	-45	44.8	Sept. 29	Sept. 29
00GDD-17	417	554.0	024^0	-45	81.38	Sept. 29	Sept. 30

Note: Northings and Eastings are Noranda grid coordinates; grid north is 315^0

5.2 Results

Drilling confirmed the interpretation of multiple veins subvertical to 70^0 dipping southerly. The veins occur in transition rocks between an exclusively limestone package to the south and exclusively argillite rocks to the north. The transition rocks are generally a mix of the two with limestone being the preferred host of the mineralized veins/zones. The transition rocks are interpreted to dip more shallowly, at 50 – 65^0 southward, with veining oblique and subvertical to stratigraphy.

Of 17 holes drilled in campaign 65% intersected mineralized zones >1g/t Au.

The 2B trend (Zones 2B1, 2B2 and 2B3 in table below) is traceable on surface and now by drilling for approximately 100m long and is composed of one to three quartz veins/ vein clusters across an 8 to 13 metre width, locally (20-50%) with Au-Ag-Pb-Zn mineralization. Downdip continuity in a bulk sense is present but it is difficult to correlate individual veins. The western limit appears to terminate in a fault (the 155 Fault coined by Noranda). By crossing west of this fault stratigraphy changes to a dominant argillite/siltstone package. To the east the 2B trend is traceable for 100m. The 2B trend has been tested to a depth of only 35metres. The mineralized zones tend to be in the 5-7 g/t Au range although there are sections with 10-20 g/t Au values and rarely as high as 59.0 g/t Au in Noranda's hole 5. The largest high grade intercept in 2B to date was in Noranda's hole16.

Another set of veins (2C1, 2C2 and 2C3), typically two to three, is located 5 to10metres south of the 2B trend and is traceable by drilling along at least a 100m strikelength. These veins are generally 1.0 – 1.5metres true thickness and their values range from 2-24 g/t Au. They appear over a section of 7 to10 metres and are separated typically by 3-5metres.

The 3B vein that has been excavated by previous workers averaged 14 g/t Au over a short strikelength. The vein or veins are traceable by drilling for 20metres, although there are discontinuous pods along its projection on surface.

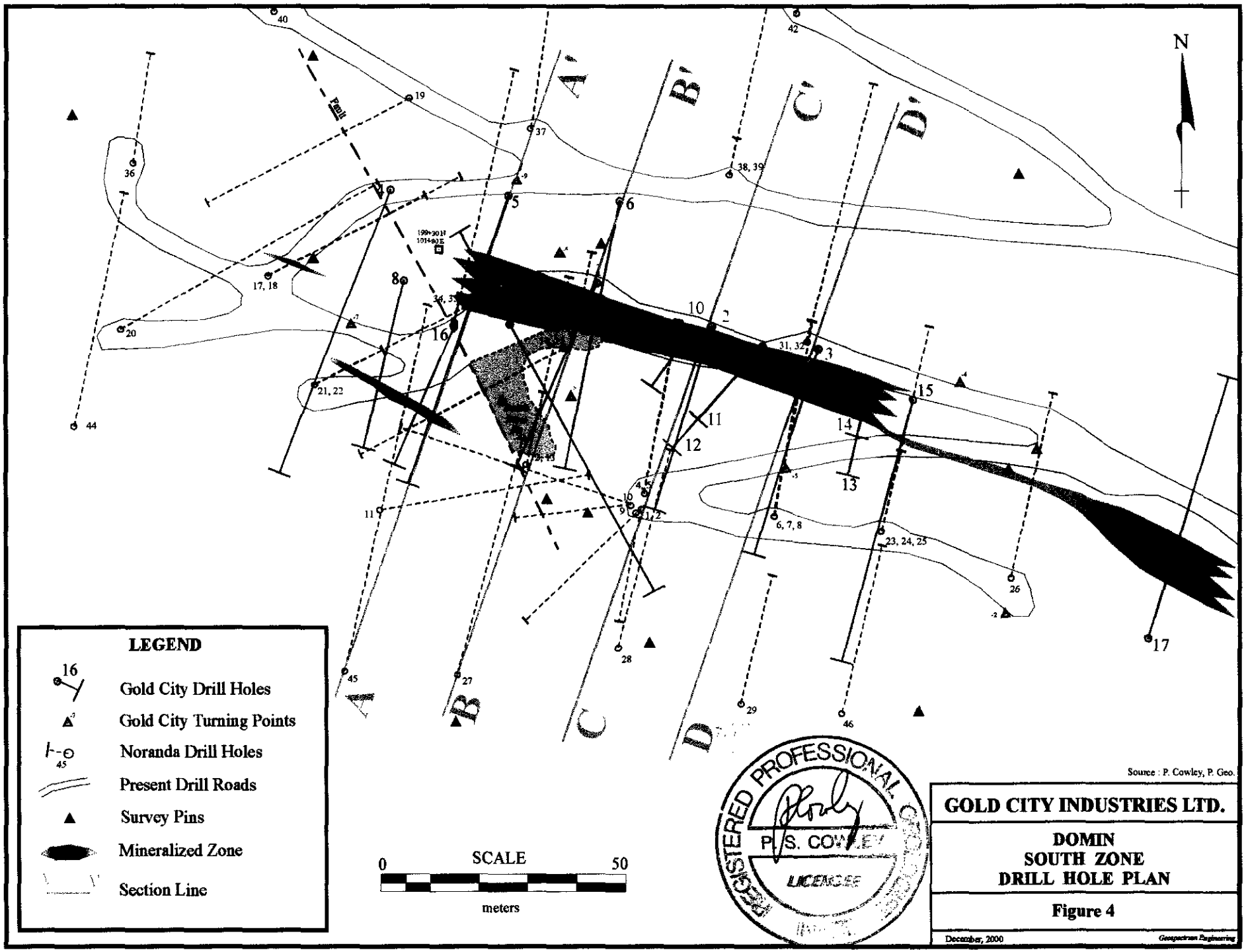
Approximately 200 metres southeast on strike from the South Zone drill area is the 9600N Anomaly, a 250 metre x 300 metre area of elevated geochemistry similar to the South Zone drill area. It is interpreted that similar mineralization to the South Zone extends to and under the 9600N Anomaly. The mineralization could have a resultant overall strikelength of in excess of 600m.

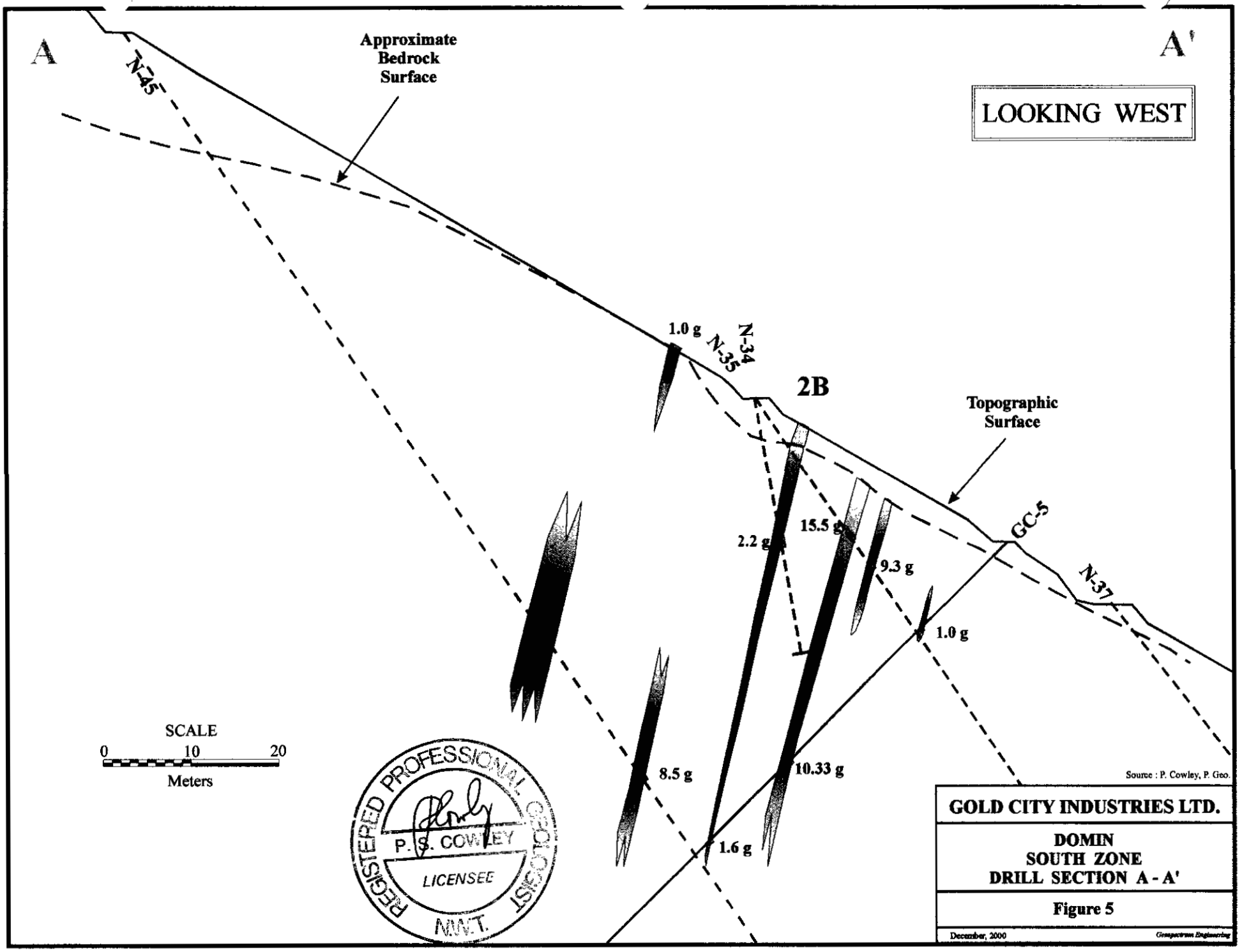
Table 6: Summary of Intercepts

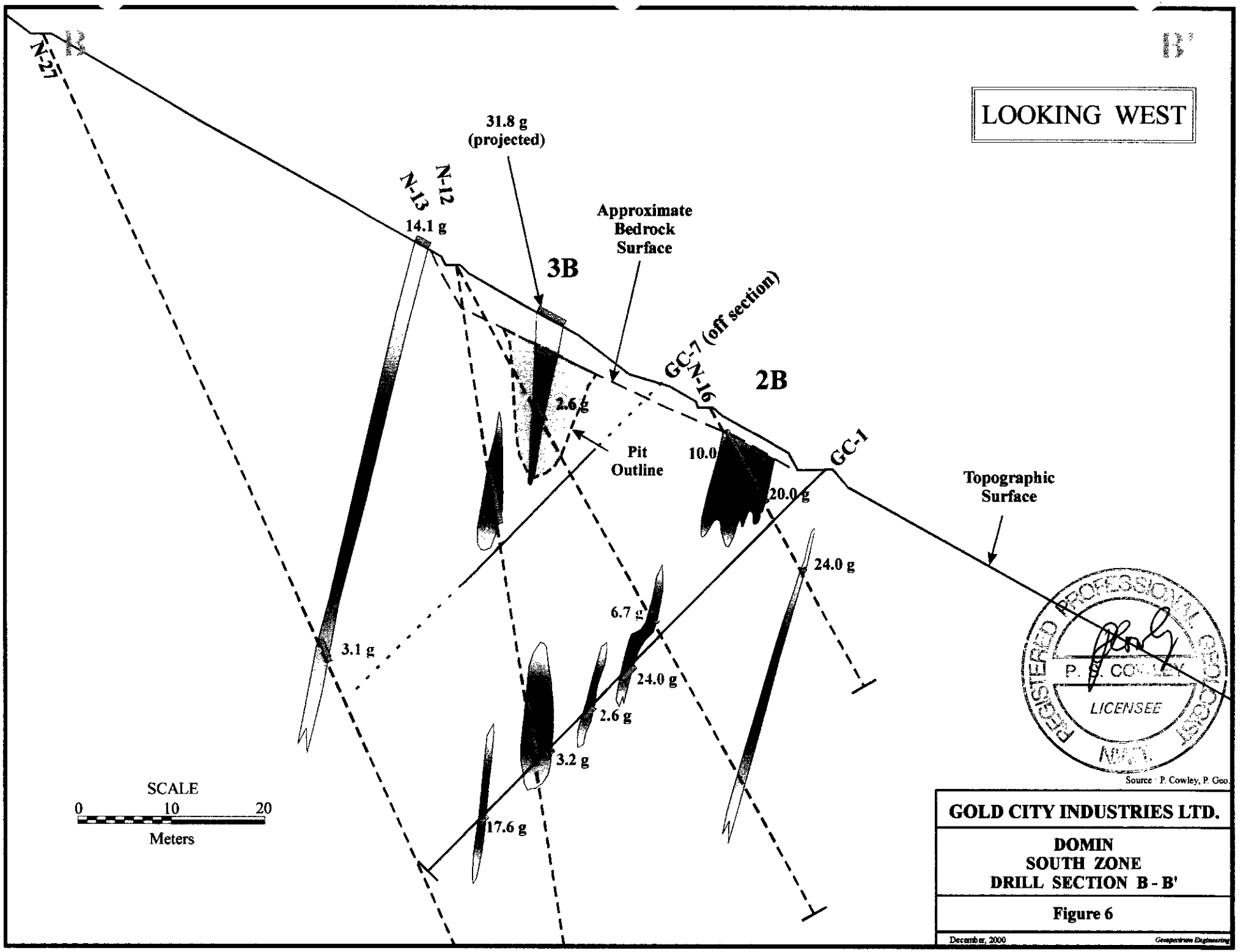
Hole No.	Samples	From (m)	To (m)	Thickness	Gold g/t	Silver g/t	Pb%	Zn%	Zone
00GDD-01	192511-12	29.00	30.66	1.66	24.05	62.51	3.4	5.1	2C1
	192515	34.87	35.95	1.08	2.60	4.90	-	-	2C2
	192522	41.0	41.88	0.88	3.21	31.00	2.2	4.6	2C3
	192530	51.35	52.40	1.05	17.63	20.2	0.7	0.6	3B

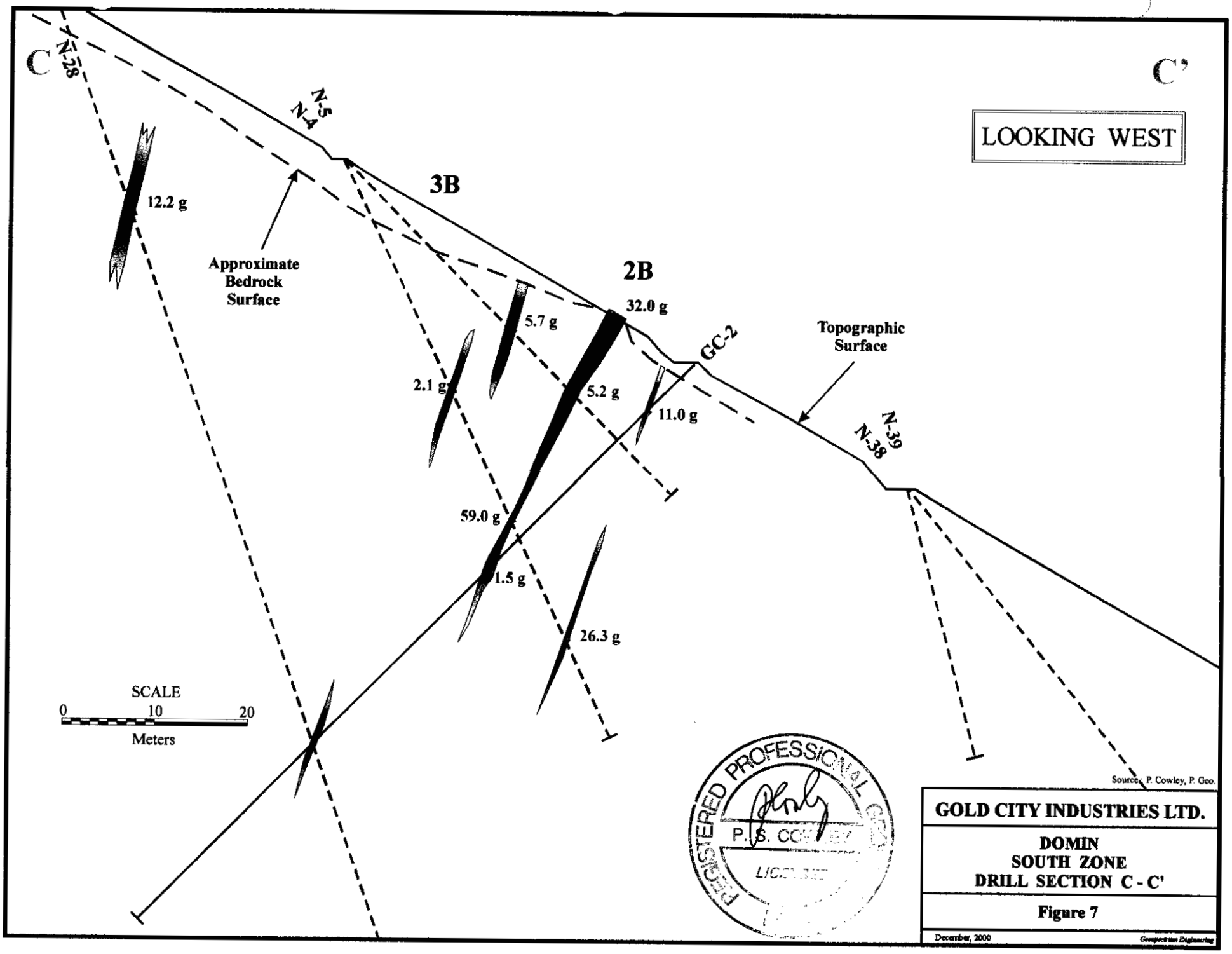
00GDD-02	192538	6.90	7.45	0.55	11.03	21.5	1.2	0.7	2B2
	192551	31.25	32.50	1.25	1.54	10.3	0.4	2.0	2C1
00GDD-03	192557	2.44	4.45	2.01	4.04	18.90	1.2	1.3	2B3
	192559-63	6.40	12.00	5.60	6.53	11.34	0.3	0.3	2B2
	includes	7.50	9.33	1.83	13.44	19.3	0.8	0.7	2B2
00GDD-04	NSI								
00GDD-05	192652	13.70	14.33	0.63	1.04	0.70	-	-	1B
	192656	34.80	36.60	1.80	10.33	66.9	2.6	6.7	2B2
	192664	48.00	48.55	0.55	1.61	8.6	0.2	1.8	2B1
00GDD-06	NSI								
00GDD-07	NSI								
00GDD-08	192594	17.83	18.25	0.42	0.32	64.5	2.5	1.8	W1
	192606	42.45	43.35	0.90	7.51	1.9	-	-	W2
00GDD-09	NSI								
00GDD-10	NSI								
00GDD-11	192733	5.90	6.40	0.50	2.79	2.4	0.2	0.2	2B2
	192735	7.10	7.85	0.75	4.05	8.4	0.3	0.2	2B2
00GDD-12	192753-56	5.80	9.85	4.05	6.36	33.64	1.8	2.7	2B2
00GDD-13	192782	5.90	6.55	0.65	8.46	34.2	2.2	0.9	2B2
00GDD-14	192792	2.54	3.00	0.46	6.80	1.0	-	-	2B3
	192795-98	4.74	8.65	3.91	9.45	13.4	0.4	2.0	2B2
	192801-03	9.30	11.00	2.30	2.22	0.7	-	-	2B1
00GDD-15	NSI								W1
00GDD-16	192865	11.24	12.28	1.04	4.10	37.1	2.6	3.8	2B
									2B
00GDD-17	192913-14	17.52	18.17	0.65	1.74	1.7	0.1	0.7	2B
	192923	26.23	26.52	0.29	4.05	22.5	1.4	0.9	2B
	192926	28.67	29.03	0.63	7.44	15.2	1.0	0.5	2B
	192928	30.23	30.71	0.48	9.08	10.7	0.5	0.3	2B
	192930	31.4	31.6	0.20	2.00	9.3	0.2	0.8	2B

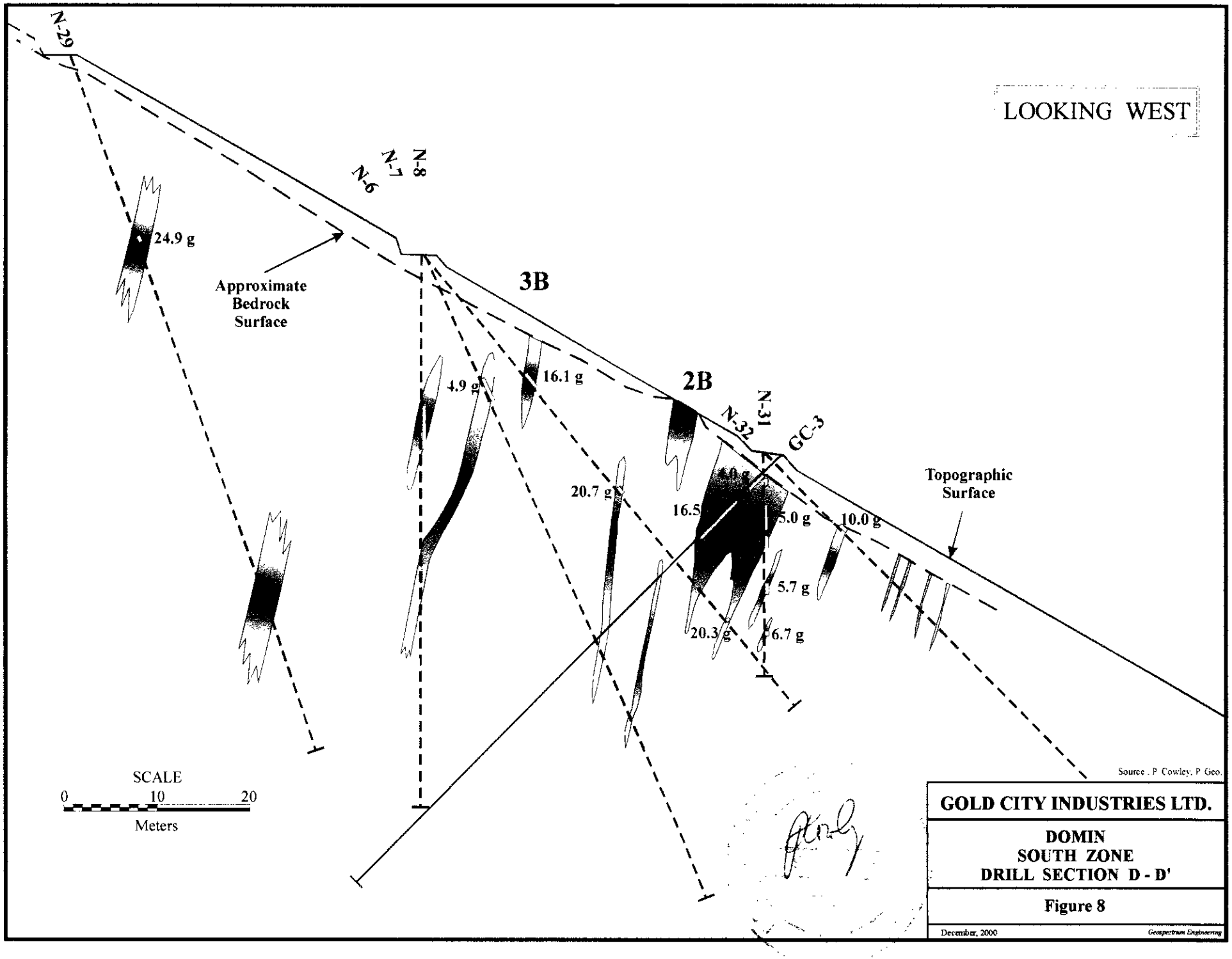
Note: NSI = No significant intercept.

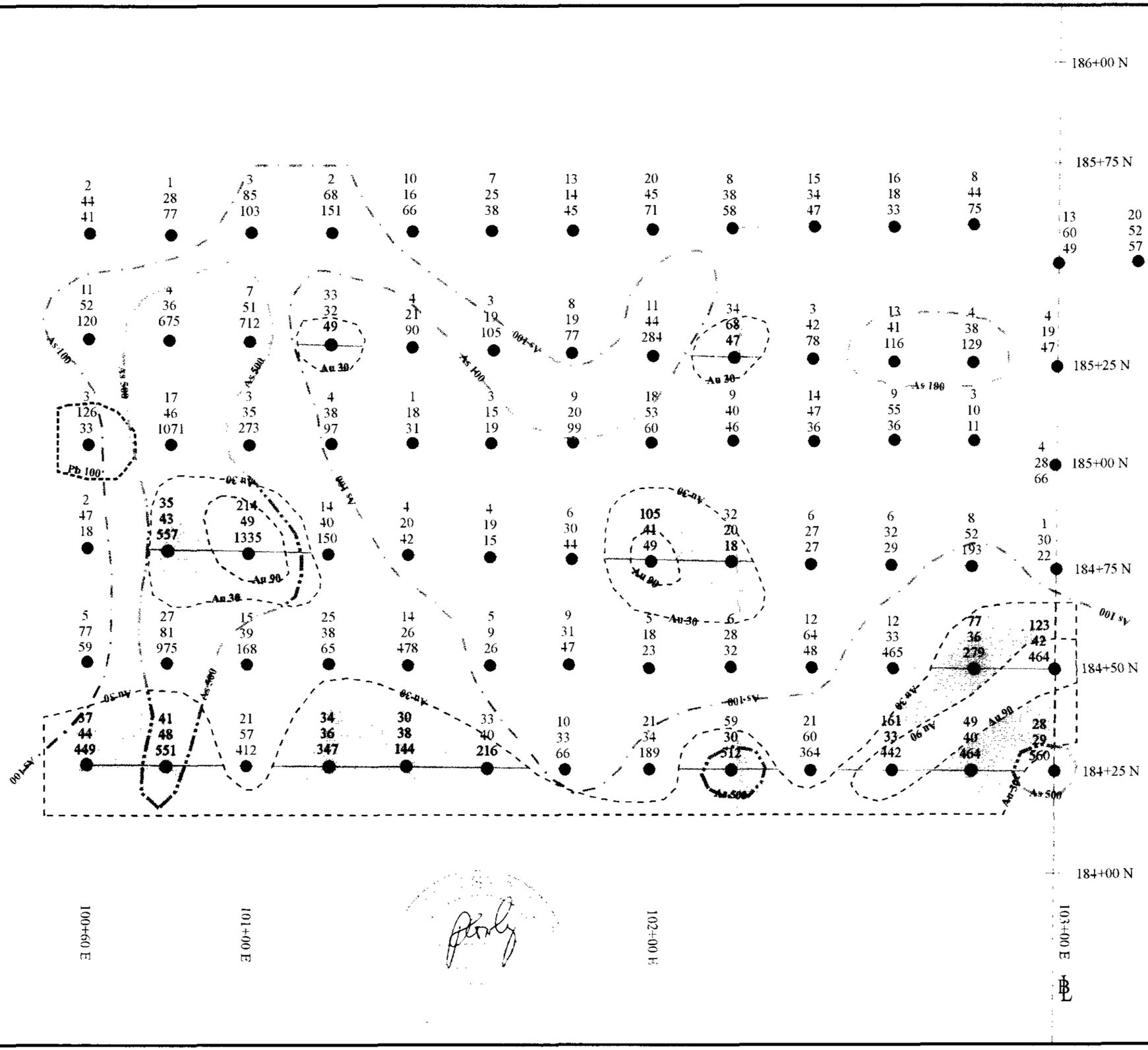

A'
B'
C'
D'
N
A
B
C
D
Fault
LEGEND
Gold City Drill Holes
Gold City Turning Points
Noranda Drill Holes
Present Drill Roads
Survey Pins
Mineralized Zone
Section Line
SCALE
0
50
meters
REGISTERED PROFESSIONAL GEOLOGIST
P. S. COWLEY
LICENSEE
Source : P. Cowley, P. Geo.
GOLD CITY INDUSTRIES LTD.
DOMIN
SOUTH ZONE
DRILL HOLE PLAN
Figure 4
December, 2000
Geospectrum Engineering


A
A'
Approximate
Bedrock
Surface
N-45
LOOKING WEST
1.0 g
N-35
N-34
2B
Topographic
Surface
GC-5
N-37
2.2 g
15.5 g
9.3 g
1.0 g
8.5 g
10.33 g
1.6 g
SCALE
0 10 20
Meters
REGISTERED PROFESSIONAL GEOLOGIST
P. S. COWLEY
LICENSEE
N.W.T.
Source : P. Cowley, P. Geo.
GOLD CITY INDUSTRIES LTD.
DOMIN
SOUTH ZONE
DRILL SECTION A - A'
Figure 5
December, 2000
Geospectrum Engineering


B
B'
LOOKING WEST
N-27
N-13
N-12
14.1 g
31.8 g
(projected)
3B
Approximate
Bedrock
Surface
GC-7 (off section)
N-16
2B
2.6 g
Pit
Outline
10.0
GC-1
20.0 g
Topographic
Surface
24.0 g
6.7 g
3.1 g
24.0 g
2.6 g
3.2 g
17.6 g
SCALE
0 10 20
Meters
REGISTERED PROFESSIONAL GEOLOGIST
P. G. COWLEY
LICENSEE
NWT.
Source : P. Cowley, P. Geo.
GOLD CITY INDUSTRIES LTD.
DOMIN
SOUTH ZONE
DRILL SECTION B - B'
Figure 6
December, 2000
Geospectrum Engineering


C
C'
N-28
N-5
N-4
3B
2B
12.2 g
Approximate
Bedrock
Surface
5.7 g
32.0 g
GC-2
Topographic
Surface
2.1 g
5.2 g
11.0 g
N-39
N-38
59.0 g
1.5 g
26.3 g
LOOKING WEST
SCALE
0
10
20
Meters
REGISTERED PROFESSIONAL GEOPHYSICIST
P.S. COWLEY
LICENSEE
Source: P. Cowley, P. Geo.
GOLD CITY INDUSTRIES LTD.
DOMIN
SOUTH ZONE
DRILL SECTION C - C'
Figure 7
December, 2000
Geospectrum Engineering


LOOKING WEST
N-29
N-6
N-7
N-8
24.9 g
Approximate
Bedrock
Surface
3B
4.9 g
16.1 g
2B
N-31
N-32
GC-3
20.7 g
16.5
5.0 g
10.0 g
Topographic
Surface
5.7 g
20.3 g
6.7 g
SCALE
0 10 20
Meters
Source : P. Cowley, P. Geo.
GOLD CITY INDUSTRIES LTD.
DOMIN
SOUTH ZONE
DRILL SECTION D - D'
Figure 8
December, 2000
Geospectrum Engineering



Source : Mr. A. Raven

GOLD CITY INDUSTRIES LTD.

DOMIN
DETAILED SOIL SURVEY GRID
Cariboo Mining Division, British Columbia

Figure 9

December, 2000

STREAM SEDIMENT ASSAY RESULTS

SAMPLE No.	Pb (ppm)	Zn (ppm)	As (ppm)	Au (ppb)
DCS-01	85	171	52	31.4
DSC-02	31	79	34	5.5
DSC-03	28	77	35	11.9
DSC-04	27	76	35	4.8
DSC-05	6	62	19	2.7
DSC-06	38	96	50	21.6
DSC-07	23	87	35	76.7
DSC-08	30	80	35	8.0
DSC-09	17	72	34	10.3
DSC-10	33	93	55	12.2
DSC-11	57	120	64	27.6
DSC-12	15	53	21	3.3
DSC-13	25	102	42	21.8
DSC-14	33	100	48	43.0
DSC-15	21	76	37	15.8
DSC-16	30	105	65	275.3
DSC-17	25	93	67	11.6
DSC-18	22	104	48	113.2
DSC-19	29	119	62	13.6
DSC-20	23	103	191	19.9

1 Silt Sample Site and Number

Previous Exploration Program Soil Anomalies (Au/Pb/Zn)

N

181+00 N
8000 N ANOMALY
180+00 N
182+00 N
183+00 N
184+00 N
185+00 N
186+00 N
187+00 N
188+00 N
189+00 N
190+00 N
191+00 N
192+00 N
193+00 N
194+00 N
195+00 N
196+00 N
197+00 N
198+00 N
198+50 N
DOMINION CREEK
GOLD CITY 2000 BASELINE
8000 N CREEK
8400 N CREEK
8800 N ANOMALY
9600 N ANOMALY
OLD LANDSLIDE AREA
TRAIL
ACCESS ROAD
Camp
SOUTH ZONE ANOMALY
South Zone Pit
Noranda Exploration Baseline (100+00 E)
85+00 N
90+00 N
95+00 N
1 2,3,4 5,6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

GOLD CITY DETAILED SOIL SURVEY GRID (FIGURE 9)

REGISTERED PROFESSIONAL GEOLOGIST
P. S. COWLEY
LICENSEE
NWT

SCALE
0 100 200 300
Meters

Source : Mr. A. Raven

GOLD CITY INDUSTRIES LTD.

DOMIN
STREAM SEDIMENT SURVEY
Cariboo Mining Division, British Columbia

Figure 10

December, 2000

ROCK GEOCHEMISTRY RESULTS

SAMPLE No.	Pb (ppm)	Zn (ppm)	As (ppm)	Au (ppb)
192959	85	171	52	31.4
192960	31	79	34	5.5
192961	28	77	35	11.9
192962	27	76	35	4.8
192963	6	62	19	2.7
192964	38	96	50	21.6
23724	34	42	23	2.1
23725	7	11	7	4.8
23726	18	56	14	1.5
23727	6	21	12	5.9
23728	20	88	81	2.1
23735	20	72	59	11.5
23736	21	45	26	4.0
23737	6	4	6	0.6
23738	16	57	25	2.2
23739	18	59	27	1.4
23740	16	62	21	5.1
23741	15	45	2	< 0.2

192963 Rock Sample Site and Number

LITHOLOGIC LEGEND

1 Mainly dark grey argillaceous limestone and dark grey phyllite, less calcareous siltstone, minor very fine-grained quartzite.

2 Mainly calcareous and non-calcareous phyllite and siltstone, minor very fine grained mica quartzite, minor dark grey argillaceous microcline limestone.

3 Predominantly black pyritic graphitic phyllite, occasionally medium grey silty dolomitic phyllite, minor very fine-grained calcareous quartzite.

4 Dark grey-black pyritic calcareous, dolomitic siltstone, black phyllite and dark grey fine to medium-grained quartzite.

5 Dark grey calcareous phyllite, minor medium grey medium-grained calcareous quartzite.

6 Dark grey argillaceous microcline limestone and calcareous phyllite.

7 Predominantly dark grey slate, calcareous phyllite.

8 Dark grey phyllite and argillaceous limestone.

N

180+00 N
181+00 N
182+00 N
183+00 N
184+00 N
185+00 N
186+00 N
187+00 N
188+00 N
189+00 N
190+00 N
191+00 N
192+00 N
193+00 N
194+00 N
195+00 N
196+00 N
197+00 N
198+00 N
198+50 N

LIMESTONE CREEK
DOMINION CREEK
GOLD CITY 2000 BASELINE
X400N CREEK
ISAAC LAKE FAULT SYSTEM
DC 0+00 (Dominion Creek Distance [m])
DOMINION CREEK TRAIL
DUNCAN CREEK
SOUTH ZONE
NORTH ZONE
Main Pit
Camp
ACCESS ROAD
Noranda Exploration Baseline (100+00 E)
GOLD CITY DETAILED SOIL SURVEY GRID (FIGURE 9)

23724
23725
23726
23727
23728
23735
23736, 23737
23738
23739
23740
23741
192959
192960
192961
192962
192963
192964

1
2
3
4
5
6
7
8

REGISTERED PROFESSIONAL GEOLOGIST
P. S. COWLEY
LICENSEE
N.W.T.

SCALE
0 100 200 300
Meters

Source : Mr. S. Kocsis, P. Geo.
Mr. A. Raven

GOLD CITY INDUSTRIES LTD.

DOMINION CREEK GEOLOGY & ROCK GEOCHEMISTRY

Cariboo Mining Division, British Columbia

Figure 11

December, 2000

ROCK GEOCHEMISTRY RESULTS

SAMPLE No.	Pb (ppm)	Zn (ppm)	As (ppm)	Au (ppb)
192951	34	168	11	0.02
192952	30	82	3	< 0.01
192953	10,588	3,446	5	0.12
192954	96	241	3	0.07
192955	19	123	3	< 0.01
192956	20	82	6	0.13
192957	311	341	9	0.11
192958	170	124	5	0.04

SAMPLE No.	Pb (ppm)	Zn (ppm)	As (ppm)	Au (ppb)
23749	23,773	99,999	27	37,406
23750	26,593	99,999	68	65,235
23851	2,205	2,174	10	27,964
23852	20,508	52,996	24	35,348
23853	106	259	8	51
23854	13,623	13,608	16	13,247
23855	29,747	51,857	296	62,035
23856	24,884	3,164	< 2	7,090
23857	3,919	2,344	24	1,051
23858	31,032	38,220	62	25,041
23859	766	217	2	655
23860	123	53	< 2	127

SAMPLE No.	Pb (ppm)	Zn (ppm)	As (ppm)	Au (ppb)
23861	26,046	15,242	15	13,678
23864	1,522	951	7	20,974
23865	120	102	< 2	353
23866	562	38,646	27	15,611
23867	3,611	12,618	16	4,925
23868	470	4,452	4	16,699
23870	15,309	5,399	14	1,100
23871	28,772	13,251	3	8,003
23872	896	740	5	383
23873	25,910	7,384	35	77,800
23874	8,528	8,217	17	99,999
23875	30,507	99,999	111	99,999
23876	25,670	25,316	12	7,689

LEGEND

- 192963 — Rock Sample Site and Number
- 86° — Strike and Dip of Foliation
- Fault, off-set direction
- GC - 10 — Gold City Drill Holes
- 4 — Gold City Turning Points
- 199+10 N 101+30 E — Survey Pins
- Present Drill Roads

LITHOLOGIC LEGEND

Based on G.S.C. Map 1356A

HADRYNIAN (Windermere)
ISAAC FORMATION

2a - Grey to black, fissile, graphitic, pyritic, slatey, finely laminated, phyllitic argillite.

2b - Finely interbedded grey to black, laminated micritic limestone and black laminated graphitic argillite.

2c - Finely bedded to laminated, fine grained, medium to dark grey, argillaceous limestone, with 2 - 3 % quartz calcite stringers.

2d - Medium grey, fine grained, fine bedded, pyritic, calcareous siltstone.

REGISTERED PROFESSIONAL GEOLOGIST
P. S. COWLEY
LICENSEE
N.W.T.

SCALE
0 10 20
Meters

Source : Mr. S. Kocsis, P. Geo.
Mr. A. Raven

GOLD CITY INDUSTRIES LTD.

SOUTH ZONE GEOLOGY & ROCK GEOCHEMISTRY

Cariboo Mining Division, British Columbia

Figure 12

December, 2000

6 Conclusions

Noranda Exploration Company Ltd. recognized the mineral potential near the Isaac Lake Fault. Noranda Exploration Company Ltd. identified two significant mineral showings, the South and North Zones, by surface sampling and drilling within a very short time frame. In addition, three other significant gold/lead/zinc anomalies (9600N, 8800N, 8000N Anomalies) were identified trending southeasterly toward the junction of the East and West Forks of Dominion Creek. However, Noranda did not fully explore either the showings or the fault system to the southeast before returning the property to its owners.

Since Noranda's work, overburden stripping and minor bulk sampling by others in the South Zone exposed more of the mineralized zones and allowed to view the system with a third dimension. Gold City Industries Ltd. re-interpreted the surface expressions and the Noranda Exploration Company Ltd.'s South Zone data as a system of multiple subvertical mineralized deformation zones with more lateral continuity than originally thought. Gold City proceeded aggressively with a 1012m 17 hole diamond drill program to test their theory.

The drilling by Gold City Industries Ltd. demonstrated at least a 100m strikelength continuity of a 8-13m wide deformation zone named the 2B Zone which contains 2-3 quartz veins that locally contain (20-50%) Au-Ag-Pb-Zn mineralization. The best intercepts of the 2B Zone in this campaign were 5.60m at 6.53g/t Au, 4.05m at 6.36 g/t Au, 3.91m at 9.45 g/t Au and 1.80m at 10.33 g/t Au. Hole 17, 60m to the east southeast of the limit of 2B intersected narrow auriferous zones correlated to the 2B Zone, showing the continuing lateral potential of this system. Subparallel to the 2B Zone are multiple deformation zones with auriferous quartz veining across a section of at least 50m. However, these subparallel zones appear to be less predictable with shorter strikelength. One of the 2C Zones returned an intercept of 1.05m at 17.63 g/t Au. The 3B Zone was intercepted in only one hole and returned 1.66m at 24.05 g/t Au. The 3B Zone formed the bulk of the 1,180 tonne bulk sample taken in the early 1990's by other workers.

The Domin Project has excellent potential to discover additional gold and base metal mineralization within the proximity of the Isaac Lake Fault, near the headwaters of Dominion and Littlefield Creeks. The east southeast projection of the 2B Zone trends (250m) towards the 9600m Anomaly defined by Noranda. Similar soil values from the original sampling on the South Zone at located in the 9600m Anomaly.

In addition, high-grade gold samples up to 68.66 g/t Au across 20cm were encountered in quartz-galena veining in the North Zone. A small soil grid was located near a Noranda anomaly off the baseline at 185+00N. The soil survey was placed too far north and caught the northern part of this anomaly. However, values are encouraging with elevations in gold and arsenic to 214 ppb Au and 1335 ppm As. A systematic stream sampling program was also undertaken on the lower west slope of Dominion Creek. The 1.3km stretch of the slope tested returned numerous elevations in gold and zinc to 275.3 ppb Au and 120 ppm Zn. This indicates the potential of finding additional auriferous sphalerite and galena mineralized zones in this area.

The regional stream sampling by the BC government indicates anomalous values in gold, arsenic, lead and antimony along 15km across the Domin Project. The work to date including the Gold City work reported here covers only about 2km of this anomalous trend. It is evident that the work reported here has only scratched the surface of the potential in this area.

7 Recommendations

The property has several anomalous targets that need further exploration work. Many more anomalies could potentially exist throughout the property. It is recommended that a success-contingent, staged exploration program continue to be followed on the Domin Project. Estimated budgets are as follows:

Domin Proposed Exploration Costs

Project	Phase 1	Phase 2	Total
Domin	$ 100,000	$ 200,000	$ 300,000

7.1 Phase 1

The objectives of Phase I are to continue to discover new anomalies, refine known anomalies for trenching and diamond drilling and explore significant anomalies by a limited drill program, all in the most cost effective manner. The components of this portion of the exploration program are as follows:

- Continue to cut a new baseline and establish grid lines. All lines will be located by utilizing GPS units.
- Trench the 9600 N Anomaly (approximately 300 meters).
- Soil geochemical survey in the spring/summer over the northern portion of the property to discover new anomalies and refine known anomalies (approximately 1000 soil samples).
- Extend soil sampling to the south of the soil grid at 184+25N 185+50N.
- Continue stream sediment sampling of the Dominion Creek drainage basin (approximately 500 samples) in the spring/summer.
- Identify additional targets for trenching and/or drilling.

7.2 Phase 2

The Phase 2 program will be success contingent upon the results from Phase 1. The objectives of the Phase 2 program will be to refine known anomalies by detailed geochemistry and geophysical techniques and to trench and/or drill them. Wherever possible trenching will be done because of it's cost effectiveness in exposing fresh bedrock mineralization. The components of this portion of the exploration program are as follows:

- Complete a geological reconnaissance survey of the property.
- Complete detailed geological mapping of anomalous areas.
- Complete soil geochemical surveys in the central and southern portions of the property.
- Develop access to the central portion of the property and re-activate the Littlefield Creek logging road in the south portion of the property.
- Trench anomalies wherever possible.
- Drill targets to delineate their mineral resource potential.

8 Bibliography

Boronowski, A.J., 1986: 1985 Orientation Survey; a Follow Up of Two 1984 Regional Geochemical Survey Geochemically Anomalous Drainages by Panned Stream Sediment and Silt Sampling, Blackwater Mountain Area (93G/2) and Clear Mountain Area (93H/6); British Columbia Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1985, Paper 1986-1, pp 114-120.

Brown, A.S., 1957: Geology of the Antler Creek Area, Cariboo District, British Columbia, Department of Mines, Bulletin No. 38.

Campbell, K.V., 1988: Brief Report on the Dominion Creek Property: Structures and Quartz Veining, Dominion Creek Area, Cariboo Mining District, British Columbia; private report fro Noranda Exploration Co. Ltd.

Chapman, J.A., 1996: A Valuation of the Mineral Properties of Gold City Mining Corporation, October.

GSC, 1985: British Columbia Regional Geochemical Survey 12; Geological Survey of Canada, Open File 1107.

Holland, S.S., 1954: Yanks Peak - Roundtop Mountain Area, Cariboo District, British Columbia, Department of Mines, Bulletin No. 34.

Kocsis, S., 1997a: Summary Report on the Domin Gold Property, Cariboo Mining District, Central British Columbia, unpublished report for GCMC and AMTI by Cariboo Mining Services, May 14.

Kocsis, S., 1997b: Summary Report on the WelBar-Domin Gold Project, Cariboo Mining District, Central British Columbia, unpublished report for GCMC and AMTI by Cariboo Mining Services, April 11.

Makepeace, D.K., 2000a: Summary Review of the WelBar and Domin Projects, Cariboo Mining District, Gold City Industries Ltd., July 7.

Makepeace, D.K., 2000b. Addendum to Summary Review of the WelBar and Domin Projects, Cariboo Mining District, Gold City Industries Ltd., July 23.

Makepeace, D.K., 1996: A Valuation of the Gold City Mining Corporation Mineral Properties, unpublished report for United Keno Hill Mines Limited, Pg 40.

Minfile / pc, 1996: B.C. Mineral Property Database, Geological Survey Branch - Mineral Resources Division, Ministry of Energy, Mines and Petroleum Resources.

Savell, M.J. and Bradish, L., 1987: Geological, Geophysical and Geochemical Report on the Dominion Creek Property British Columbia Geological Branch Assessment Report File 87-749-16549.

Savell, M.J., 1988: Report of Diamond Drilling on the Dominion Creek Property; British Columbia Geological Branch Assessment Report File 17599.

Struik, L.C., 1988: Structural Geology of the Cariboo Gold Mining District, East-Central British Columbia; Geological Survey of Canada, Memoir 421.

APPENDIX I

Statement of Qualifications

STATEMENT OF QUALIFICATIONS

PAUL S. COWLEY, P.GEO.

I, Paul S. Cowley, P.Geo., of 503-145 St. Georges Avenue, North Vancouver, British Columbia hereby certify as follows:

1. I graduated with Honours with a Bachelor of Science degree in Geology, from University of British Columbia, Canada, in 1979.

2. I am a registered Professional Geologist of the Northwest Territories, Canada, Registration Number L445, since October 5, 1989.

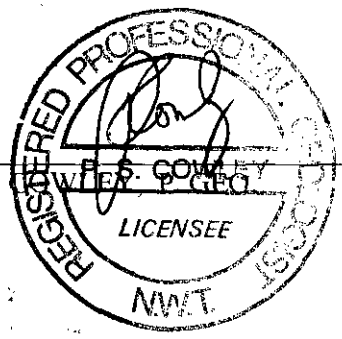
3. I am a registered Professional Geoscientist of the Province of British Columbia, Canada, Registration Number 24350, since June 1999.

4. I have been directly involved in the mining industry for 21 years. I have worked directly in exploration of Epithermal and Mesothermal gold, Volcanogenic Massive Sulfide, porphyry copper, coal, diamonds and industrial minerals projects during this time..

5. In 2000, I was retained by the Gold City Industries Ltd. as a consultant and Vice President of the Company for the Domin Property evaluation. I was directly in-charge of the 2000 exploration program and was on-site during some of the exploration described in this report.

6. This assessment report is an accurate account of the 2000 exploration season for the properties contained.

Dated at Vancouver, B.C. this 8th day of January, 2001.



PAUL S. COWLEY, P.GEO.

APPENDIX II

Statement of Costs

STATEMENT OF COSTS

DOMIN PROJECT 2000 EXPLORATION PROGRAM

August 1 to October 9, 2000

FIELD PERSONNEL			
A. Raven	Field Manager (High Range Exploration Ltd.)	54 days	$13,500.00
G. Lovang	Prospector	20 days	$3,500.00
S. Kennedy	Cat operator	17 days	$3,400.00
M. Moorman	Prospector/Assistant	54 days	$12,150.00
S. Kocsis P.Geo.	Geologist	21 days	$7,115.60
N. Reid P.Geo.	Geologist	13 days	$4,550.00
H. Reimer	Cook/First Aider	10 days	$2,250.00
P. Cowley P.Geo.	Geologist	5 days	$1,500.00
FOOD and ACCOMODATION			
Groceries			$4,325.79
Meals			$621.48
Motel			$2,052.09
Camp			$5,190.00
MOBILIZATION/DEMOBILIZATION			
Mileage all personnel combined including fuel			$1,103.60
AIRCRAFT SUPPORT			
Pacific Western Helicopters			$1,717.32
VEHICLE RENTALS			
Budget and Prime truck rentals			$4,469.62
EQUIPMENT and SUPPLIES			
Cat (D5H)	Allen Contacting Cat (D5H)		$14,100.50
Fuel	Camp and Equipment		$1,545.98
Camp construction and field supplies			$5,356.03
INSTRUMENT RENTALS			
Satellite phone	Info-Sat		$1,801.18
Laser Lite Survey Instrument Package	Neville Crosby		$500.00
First Aid hardware	A. J. Medical		$150.00
LABORATORY ANALYSIS			
Rock, soil and stream sediment			$2,810.48
Drill core			$8,643.80
FREIGHT CHARGES			
Greyhound / others			$751.53
CONTRACTORS			
Aggressive Drilling	1000 metres @ $74.10/m.		$74,094.39
	Subtotal		**$177,199.39**

REPORT PREPARATION			
digital trim data			$1,284.00
copying costs for maps			$108.23
P. Cowley	report writing	5 days	$1,500.00
D. Makepeace P.Eng., M.Eng. (Geospectrum Engineering)	Autocad and report writing	13 days	$3,558.45
	Subtotal		**$6,450.68**
	TOTAL		**$183,650.07**

APPENDIX III

Sample Descriptions

Sample No.	True Thickness	Description
Samples 23744 – 23750 are continuous panel chip samples across 16 Vein area commencing from north side		
23744	1.00 m	Includes 0.4 m. quartz vein with 7% galena and 1% chalcopyrite, 0.3 m siliceous calcareous argillite with 25% calc-silic veins, and 0.3 m massive v f- g 'steel' galena with 10% quartz stringers-eyes.
23745	0.61 m	Black argillite with less thinly interlayered arg micxln lmst, and 5% thin quartz veins parallel with S1.
23746	0.70 m	Arg micxln lmst with less interlayered argillite, 10 cm and 7 cm quartz veins with < 5% streaky massive f-g galena.
23747	0.86 m	Siliceous black argillite with 30% quartz stockwork, veins less than 10 cm wide, 4 – 5% patchy massive f-c-g streaky chalcopyrite, and up to 3% ankerite.
23748	1.00 m	Partly silicified black argillite with <1% disseminated c gr pyrite, up to 40% quartz stockwork with 5% banded and streaky massive f-m-c-g galena, and occasional <1% streaky m-g chalcopyrite.
23749	0.43 m	Fissile dark grey argillite with 13 cm and 7 cm wide quartz breccia includes 15-20% massive f-m-g galena and <1% m gr chalcopyrite, also narrow (<2 cm wide) slightly ankeritic quartz stringers, totaling 50% quartz.
23750	0.30 m	High-grade sample of 30 cm wide massive v f- g steel galena included in sample 23744.
Samples 23851 – 23854 are continuous panel chip samples across SE extension of 16 Vein commencing from north side		
23851	0.90 m	Quartz vein with 3% argillite inclusions, 1% streaky massive m-g chalcopyrite/galena, up to 1% malachite staining.
23852	0.75 m	Continuation of above vein, 4% streaky/layered semi-massive to massive f-g galena, <1% dis m-g chalcopyrite, sulfides restricted to quartz breccia layers <7 cm wide.
23853	0.80 m	Partly silicified black argillite with 60% quartz stockwork.
23854	0.60 m	Continuation sweat of above vein with 3 – 4% massive f-m-g galena restricted to 5 cm wide quartz breccia host rock contact.
Samples 23855 – 23856 were taken from different quartz veins separated along a fault plane.		
23855	0.30 m	5 m long quartz veins along south side of fault plane with 60 – 70% f-m-g galena, 3% f-m-g chalcopyrite, and 3% malachite staining.
23856	0.80 m	Quartz vein on north side of above fault plane with 2% streaky semi-massive f-m-g galena near argillite inclusions.
23857	1.10 m	Folded vein series <5 cm wide each located north and adjacent to 23856 consisting of 75% ankeritic quartz and 25% black argillite.
The following 7 samples were taken from 3 sections along the same vein. Sample 23858 is from the east portion of the vein, samples 23861 – 23864 are continuous panel chip samples across the central part of the vein commencing south to north, and samples 23859 – 23860 were taken from the east part of the vein commencing south to north.		
23858	1.50 m	Quartz vein with up to 9% massive m gr galena and <1% chalcopyrite confined to folded quartz breccia sheets up to 10 cm wide.
23859	1.40 m	South half of vein. No visible sulfides.
23860	1.40 m	North half of vein. No visible sulfides.
23861	1.30 m	Quartz with 7% patchy massive f-g galena and 0.5% c-g chalcopyrite channeled along quartz breccia layers less than 10 cm wide.
23862	1.10 m	Quartz with <0.5% disseminated c gr chalcopyrite, 1% malachite staining, and 3% braided hairline graphitic phyllite inclusions. Quartz with 7% black phyllite inclusions.
23863	1.15 m	Quartz with 10% black phyllite inclusions.
23864	0.60 m	
Samples 23865 – 23868 were taken from 3 exposures along same quartz vein.		
23865	1.30 m	Quartz with 1% m-g galena and <0.5% c-g chalcopyrite.
23866	0.90 m	Quartz with 1% m-g galena and <0.5% c-g chalcopyrite.
23867	1.30 m	As above.
23868	1.10 m	As above.
23870	1.00 m	Vein located on west side of 155 Fault near pit entrance containing 2% f-m-g galena.
23871	0.85 m	South half of quartz vein along pit access road includes 6 – 10 cm wide quartz breccia

23872	1.20 m	layer with 10 – 40% f-g massive galena adjacent to host rock. North half of above vein with no visible sulfides.
23873	0.70 m	Quartz with 4% f-m-g galena.
23874	0.80 m	As above.
23875	N/A	High-grade grab samples from pit dump. Quartz with up to 50% f gr galena, 5% chalcopyrite, and <1% sphalerite.
23876	1.00 m	Quartz vein splaying off east side of 155 Fault at location south of mine pit containing 5 – 7% patchy massive m-c-g galena, and 1% oxidized red-brown sphalerite?

Sample number	Location GPS or Grid	Description

North Zone Samples

192959	0614625 5924047	galena in quartz from quartz vein in road cut, chip across 0.6m, attitude of vein 002/76W
192960	0614639 5924026	quartz vein material, no visible mineralization, across 3.0m
192961	0614673 5924089	small quartz vein with pyrite in phyllite, grab across 4cm, attitude of vein 300/40W
192962	0614591 5924072	massive galena in quartz vein, rep. of massive galena across 0.3m, attitude of quartz vein 315/74W

Baseline area

192963	193+40N 103+10E	rep of several angular quartz float boulders
192964	193+56N 102+70E	iron stained quartz floats
DCR - 01	194+90N 103+04E	chip across 0.6m, phyllite with quartz
DCR - 02	194+90N 103+04E	continuos of 01 on the south, rep. Panel sample of quartz across 1.0 X 2.0m
DCR - 03	194+90N 103+04E	continuos of 01 on the east, rep panel sample quartz exposure across 1.0 X 1.0m
DCR - 04	194+00N 103+10E	rep of quartz float boulder 0.5 X 1.5 X2.0m, milky white quartz with hairline graphite threads
DCR - 05	183+96N 103+85E	chip sample of quartz vein across 1.0m
DCR - 06	183+96N 103+85E	continuos with 05 on the south, quartz vein material across 0.5m

*sample numbers 192963 and 192964 are field marked DCR - 07 and 08 respectively

Sample number	Location GPS or Grid	Description

23733	see fig. 11 for sample locations	upper Dominion Creek, arg micxln lmst, <1% pyrite
23734	see fig. 11	upper Dominion Creek, blk sl calc phyll <1% c-g pyrite, 7% lam ankic qtz //s
23735	see fig. 11	10 m east of BL on 8400N Cr., no description
23736	see fig. 11	14m west of BL on 8400N Cr., no description
23737	see fig. 11	17m west of BL on 8400N Cr., no description
23738	see fig. 11	27 m west of BL on 8400N Cr., no description
23739	see fig. 11	70 m west of BL on 8400N Cr., no description

23740	see fig. 11	123 m west of BL on 8400N Cr., no description
23741	see fig. 11	211 m west of BL on 8400N Cr., no description
23742	see fig. 11	barren qtz float
23743	see fig. 11	possible qtz exposure >1.0m wide, 2% galena

APPENDIX VI

Drill Logs

CASING C... EV : GROUND ELEV. : DAT... : SEPT. 17/00 PAGE No. 1 OF 5

COORDINA... : N. E. DATE FINISHED : SEPT. 17/00 REF. TO CLAIM CORNER : 00GDD-01

INCLINATION : -45° AZIMUTH : 200° TOTAL DEPTH : 60.05m LOGGED BY : P. Cowley

COMMENTS: AVG. CORE REC'Y/HOLE 100

DESCRIPTIVE GEOLOGY

Overburden - Rock bed material
0-4.57m

4.57 - 5.76m Limestone : medium - light grey, micritic, mildly laminated. 30° to c/a, minor waves in laminations, vng planar and mildly irregular with local v. small scale kink folding vns 1-2mm

5.76 - 5.82m Argillite : band fol // dk grey to black, 4% py

5.82 - 12.00 Limestone with argillite laminations : lst medium grey, micritic, faintly laminated at 35° to c/a, dk grey to black laminations or parting of argillite (5%) - laminations planar & wavy, minor offsetting of vng along argillite partings, vng fol // & X cutting (X-cutting post dates) vng 1mm - 7cm, numerous x cutting directions 090/90 000/75E, dip of fol presumed 75° dip @ 7.50m area of possible folding?, at 7.80m is a 1cm wide irregular fol // white qtz vn with minor sph-gal-cpy and py, argillite partings locally graphitic; py prev in partings

12.00 - 48.23 Argillaceous Limestone : medium grey, laminated with med-dk grey argillaceous component lam-bands, py along partings, X-cutting and bedding // qtz vnlts 1-3mm

DEPTH (m)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppm) g/mt	BOX #
0									Ovb													
2									Ovb													
4									Ovb													
6	12	10				white	10		Lst				tr-Y4				6.38		20°+ 05°	40-60 fol //		
							6		Lst				4pl									
							7		Lst				tr-Y4			192501	7.12				<0.01	
8	20	17				white	5		Lst				¼-½			192502					0.04	
							10		Lst				tr-Y4			192503	7.88		30°+ 60°+ 0°	20-40°	<0.01	
	4	4							Lst							192504	8.67				0.01	
							14		Lst							192505	9.67				<0.01	
10	25	20				white	11		Lst							192506	10.46			20-40°	0.01	
							8		Lst				Y4-½				12.06		30°-40°			
12	7	6					8		Arg/Lst				tr-¼									
	3	3					10		Arg/Lst				Y4									
14																						

Box 1
Box 2

CASING C) EV : GROUND ELEV. : DA) : 00 GDD-01 00-GDD-01

COORDINATES : N. E. DATE FINISHED : PAGE No. 2 OF 5

INCLINATION : AZIMUTH : TOTAL DEPTH : 60.05 REF. TO CLAIM CORNER :

LOGGED BY : P. COWLEY

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppm) g/t	BOX #
15	2	2					6			as above med grey Argillaceous Limestone – bands 1–40cm of higher argillite component and py content. qtz vns planar + lensoy bedding // , X-cutting 090/80 NW, 160/80 E (final ; offsetting)					½ tr ½						15° 40°	// 20-40° oxide		BOX 2 15.33
16	10	10					8		A.Lst												30° 40°			
18	3	3					2			@ 21.30m dolomite x/s develop with qtz vng - qtz-dol vng more lensoy but still bdg // 1mm – 15mm wide locally folded, vng is locally X-cutting at low angle to bdg - 22.35 – 22.88 – stwk to Bx with qtz+dol vng cementing					2 ½ 2						40°	20-40° oxide		
20	10	10					4																	
	2	2					8			23.10 – 26.00 minor kink folding and local branching and dislocation? 25.70 – 26.07 – late white qtz gashes X-cut qtz-dol vng shows reverse movement					½						30° 60°	25		20.91m
22	6	5		A			8			--bands of argillite still present and typically 5–12% of rock									22.35		Stwk		<0.01	
	30	28		1–2%			11											92557	22.88		25	40	35	
	1	1					11			-py associated with argillaceous partings and bands and occasionally in limestone + qtz vng					1-2									
24	3	3					2																	BOX 4
	12	10					3			@ 27.40 unit becomes more disruptive, vnl									25.69				0.03	
	2	2					2											92559	26.07					
26	20	18					4								1-2						25	50		
	3	3					6																	26.64
										27.56 – 27.66m – qtz-dol vng with 15% sph, 5% py +tr cpy									27.55		50	1° 20		
27	8	7					8			27.66 – 28.40m – sph + sph locally 1-2% in qtz vns					3	1-2 sph py		92560	28.33				0.58	
							13											92561	29.00		25		0.02	
	35	32		5																				

CASING ELEV. :	GROUND ELEV. :	DATE :	REF. TO CLAIM CORNER :
COORDINATES : N.	E.	DATE FINISHED :	LOGGED BY :
INCLINATION :	AZIMUTH :	TOTAL DEPTH :	

COMMENTS:

AVG. CORE REC'Y/HOLE

DESCRIPTIVE GEOLOGY

Geology: qv gd-sph

28.98 - 30.66m zone of 35-70% qtz ± dol vng with 10% sph, 5-10% gal, tr cpy, 3%-5% py in webby, dendritic xlline pattern, locally up to 25% sy

Argillaceous limestone as above [illegible] laminae / partings - SILICIOUS.

33.77 - 34.87 CONTORTED FOLIA. TIGHT FOLD AND X BEDDING 5 X 1-5CM. MYLONITE. QZ VEINS - 80% BLACK ARG LATHS & FRAGS IN QTZ-DOL.

34.87 - 35.95 VEIN. CONTORTED FLOW PATTERN - 50% WHITE QTZ-DOL WITH FRAGS SILICIFIED LS - [illegible] ARG. AND CRACKLE GRAPHITE FRACTURES. WISPY CLOTS CPY & GALENA - LESS SPH ABOVE 35.5 CPY - SPH - PY & [illegible] TO 35.95 BOTH CONTACTS MINERALIZED ASSIMILATION ZONES OVER 10 CM. BOTH SUBPARALLEL FOLIA.

35.95 - 36.6 SILICIFIED ARGILLACEOUS LS -

36.2 1CM WAVY QTZ 5-7% CPY-GALENA-SPH.

36.2 - 36.6 10% ROUNDED 2MM DOLOMITE EYES

36.6 - 37 - QTZ - DOLOMITE VEIN 60% QTZ 20% XTALINE DOL CLOTS. FRAGS AND FF BLACK ARG. TR - 1% SPH.

37 - 38 CONTORTED FOLDED? SHARDY - 7% ARG. LOCALLY MYLONITIC.

38 - 40 MEDIUM-LIGHT GREY LS - 10% BLACK ARG FRAGS & WISPS FOLIA LOW ANGLE TO AXIS. WK BOUDINX TEXTURE TO VEINING ALONG AXIS. THIN X-CUTTING VNLETS SEGMENTED. TRACES FINE XTALINE PYRITE & ANKERITE BEDDING BANDS

Alteration / Fracturing

DEPTH (M)	% VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M
	35	30		5			3
30	70	65		5			10
	4	3		1			10
32							10
	7	5		1			
							12
34	4	4					
	10	9		1			5
	50	48		2			6
36	7	6		1			3
	60	55		5			
	10	9		1			5
38							
							2
							3
40	4	4		2			
	50	40		10			2
	7	6		1			2
42	80	80		5		Bl	3
	4	4					0
44							

Samples

%PY	OTHER SX	Sample No.	SAMPLE INTERVAL (M)	Vein Angle & Type	Fract Angle & Type	Au g/mt	BOX #
3-5	5-10 gal, 10% sph, cpy tr	192511	- 30.66	25		10.33	BOX 5
		192512	30.66 - 30.93			44.83	
1-2		192513	- 32.0	20, 15		0.04	
		192514	- 33.77			0.02	32.19
		192515	33.77 - 34.87	60, 80	30	0.04	BOX 6
	15%	192516	34.87 - 35.95	60, 35	35	2.60	
	5-7	192517	35.95 - 37.0			0.06	
	tr sp	192518	37.0 - 38	60, 80, 20	30	0.01	
tr		192519	39 - 40.41	5, 35	25	0.02	37.90
	3% tr	192521	40.41 - 41.0	80	50, 70	0.02	BOX 7
		192522	41.0 - 41.88			3.21	
	30.	192523	41.88 - 42.40	20	20	0.05	
2		192524	42.40 - 43.40			0.06	43.85

00GDU-01

CASING C ELEV : GROUND ELEV. : DAT :

COORDINATES : N. E. DATE FINISHED :

INCLINATION : AZIMUTH : TOTAL DEPTH :

REF. TO CLAIM CORNER :

LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/VN	MINERALS/SEPTA	GEOLOGY
46	3	2		1					
	30	25		5					
	3	3							
	40	35		5					
48	5	5							
	60	50		10					
	10	10							
50	30	25		5					
52	90	90							
	5	5							
	90	90							
54	20	20							
	80	80							
56	90	90							
	80	80							
58	40	40							

COMMENTS:

AVG. CORE RECY/HOLE

DESCRIPTIVE GEOLOGY

40 - 40.14 7 Cm QTZ DOL PEG Vn.

40.42 - 40.75 6 Cm QTZ-DOL VEIN WITH CARB SALVAGES. 3 Cm CORE OF 60% GAL/SPH WITH ARG - WEBBY FINE FILLING PATTERN

40.75 - 41.0 50% SEGMENTED VEIN - MINOR QTZ X-CUTTING TO GALENA

41 - 41.88 ARG LS.

41.88 - 42.4. QTZ VEIN - BLUISH COLOUR DUE TO GRAPHITE CRACKLE - 30% SULFIDES = HIGH GALENA CONTACTS SHARP SUBPARALLEL FOLIA

42.53 - 46. ARGILLACEOUS LIMESTONE - THIN LAMINATED TO LAYERED GRITTY BOUDIN ARG WITH THIN ARG FOLIA - 20% ARG. 2% Py As BLEBS & BEDDING BANDS

46 - 48.28 ARGILLACEOUS LIMESTONE AS MAIN SECTION.

47.2 - 47.4 QTZ DOL VN FRAG ALONG AXIS TR SPH

48.28 - 48.9 VEIN ZONE. 48.28 - 48.67 QTZ ARG FRAGMENTAL COARSE Py IN ARG. TR SPH IN QTZ

48.67 - 48.9 GHOSTY QTZ STOCKWORK AT 70-80° TO AXIS

48.9 - 50.07 INTERBANDED LS AND MASSIVE BLACK SILICIDES ARG. VEINING SEGMENTED AND FOLDED AS IS LOCAL SEGMENTS BEDDING

50.07 - 60.05 VEIN ZONE.

50.07 - 53.4 60% WHITE WITH DOLOMITIC PATCHES WITH SECTIONS INTERBANDED ARG/LS. AND FEW FRACS. FOLIA GENERALLY 30 BUT LOCALLY PARALLEL 1-2% GALENA SPH AS RANDOMLY SPACED WEBBY VEINS. 3-5% LOCAL COARSE CLOTS Py IN ARG.

SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (gm/mt)	BOX #
			2						20			
							45.54		20	20		
	46					192525			10		0.01	
			2 ARG BANDS	AE		192526	47.0		50	20	<0.01	Box 8
	48						48.23		40	30	<0.01	48.19
			5	TR		192527	48.9		70			
			4			192528					0.03	
	50						50.07			35		
				1-2 GAL SPH		192529					0.32	
			3			192530	51.35				17.63	
	52						52.4					Box 9
						192531				25	0.25	
							53.4					53.94
	54					192532					0.08	
							55.0					
			5			192533					0.32	
	56						57.0					Box 10
						192534					0.52	
	58											59.36

CASING C EV : GROUND ELEV. : DATE :

COORDINA : N. E. DATE FINISHED :

INCLINATION : AZIMUTH : TOTAL DEPTH :

REF. TO CLAIM CORNER :

LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt	BOX #
60	10	10								53.4-59.2 60% WHITE QTZ WITH 5% DOLOMITE GRAINY PATCHES. MINOR ARGILLIC ALTERATION 40% SILICEOUS ARG FRAGMENTS WITH ZONED ANGULAR FOLIA (ROTATED FRAGS) MATRIX BUT BUT HIGH ANGLE GHOSTY VN SEGMENTS 3-5% PY AS COARSE BLOTS & SUBIDIOMAL XTALS. NO APPARENT GALENA OR SPH AFTER 53.4 59.2-59.8 BRECCIA VN. 80% QTZ FRAGS IN SERICITIC ARG. 59.8-59.85 BROKEN - MUDDY - FRAGMENTAL. 59.85-60.05 INTERBANDED PYRITIC ARG AND QS (10%) 1X1CM QTZ-DOL VN. 60.05 EOH			60						12535	60.05				0.09	Box 11 60.05 EOH.
61																								

DOMINION
00 GDD-01
SEPT 2000

SAMPLE #	FROM	TO	LENGTH	DESCRIPTION
192501	6.38	7.12		20% VNLETS
502	7.12	7.88		"
503	7.88	8.67		"
504	8.67	9.67		"
505	9.67	10.70		"
192506	10.70	12.06		"
192507	22.35	22.88		STOCKWORK → 8%
192508	25.69	26.07		9+% GASHES.
192509	27.55	28.38		SULFIDES
510	28.38	29.0		"
511	29.0	30.0		"
512	30.0	30.66		"
192513	30.66	32.0		HOST
514	32.0	33.77		"
515	33.77	34.87		ANKERITE - 8% VNG
516	34.87	35.95		VN & SULFIDES.
192517	35.95	37.0		VN ZONE - NIL SULFIDES.
192518	37.0	38.0		HOST
192519	39.0	40.41		HOST
192521	40.41	41.0		SULFIDES
522	41.0	41.88		HOST
523	41.88	42.40		SULFIDES
192524	42.40	43.40		HOST

SAMPLE	FROM	TO	LENGTH	DESCRIPTION
192525	45.55	47.0		HOST
526	47.0	48.23		VNLET - TR SPN
527	48.23	48.9		VN - TR SPN
528	48.9	50.07		ARG.
529	50.03	51.35		VN - SULFIDES
192530	51.35	52.4		VN - SULFIDES
531	52.4	53.4		VN SULFIDES
532	53.4	55.0		VN - PY
533	55.0	57.0		VN - PY
534	57.0	59.0		VN - PY
192535	59.0	60.05		VN - PY
192520				STANDARD B

ROMIN 00-GVD-01 G)ECH [illegible]

Block From	To	TOTAL	ACTUAL	RECOVERY	Length RQD	RQD %	(roll/photo) PHOTOS
4.57 -	5.18	0.61	0.70m	114.8	0.42	68.8	↑
5.18	8.23	3.05	2.97m	97.4	2.51	82.3	
8.23	11.28	3.05	3.04m	99.7	1.78	58.4	#1-2
11.28	14.33	3.05	3.02	99.0	2.01	65.9	
14.33	17.37	3.04	3.00	98.7	2.60	85.5	
17.37	20.42	3.05	2.97	97.4	1.99	65.2	
20.42	23.47	3.05	2.87	94.1	1.82	59.7	↓
23.47	26.52	3.05	3.00	98.4	2.74	89.8	↑
26.52	29.57	3.05	3.06	100.3	2.18	71.5	
29.57	32.61	3.05	3.01	98.7	1.80	59.0	#1-3
32.61	35.66	3.05	2.83	92.8	1.74	57.0	
35.66	38.71	3.05	3.12	102.3	2.53	83.0	↓
38.71	41.76	3.05	3.17	103.9	2.99	98.0	
41.76	44.81	3.05	2.94	96.4	1.91	62.6	
44.81	47.85	3.04	3.00	98.4	1.45	47.5	
47.85	49.68	1.83	1.73	94.5	1.00	54.6	#1-4
49.68	52.43	2.75	2.83	102.9	1.67	60.7	
52.43	53.04	0.61	0.87	142.6	0.46	75.4	
53.04	54.25	1.21	1.18	97.5	0.64	52.9	
54.25	56.08	1.84	1.81	98.4	1.67	90.8	
56.08	59.13	3.05	3.10	101.6	2.95	96.7	#1-5
59.13	60.05	0.92	1.12	121.7	0.27	29.3	
4.57	60.05	55.48	55.34	100			

CASING ELEV : GROUND ELEV. : DDH 00 GDD-02 PAGE No. 1 OF 4

COORDINATES : 530 N. 548 E. DATE FINISHED : 18 SEPT 2000 REF. TO CLAIM CORNER :

INCLINATION : -45 AZIMUTH 200° TOTAL DEPTH : 57.0 LOGGED BY Robert E Reid

AVG. CORE REC'Y/HOLE 95%

COMMENTS:

DESCRIPTIVE GEOLOGY

0 - 2.13 CASING

2.13 - 18.0 LIMESTONE - MEDIUM GREY - FINE GRAINED
FOLIATION WK BUT DISTINCT DUE TO VNLETS
LOCAL DARKER ARGILLACEOUS BANDS AND LOCALLY
MYLONITIC ARGILLACEOUS ZONES.
4-17.8 HIGH DENSITY QTZ VNLETS - 30→40°/c WITH
MAJORITY SUBPARALLEL BEDDING - GENERALLY QTZ ONLY
WITH WK - MOD FIZZ WITH HCL.
8.9-5.0 SERIES OF MOTTLED GREYISH QTZ VNS
1-5 cm IN FOLIATED ARG AT LOW ANGLE.
5.0-5.4 HIGHLY CONTORTED BOUDINAGED BRECCIATED
ALONG AXIS.
7.0-7.4 ORANGEY-BUFF VUGGY QTZ 2% PY
8.48-8.77 MOTTLED WHITE-CREAMY QTZ VN
CONTACTS SUBPARALLEL FOLIA
9.25-9.6 WK BROKEN CONTORTED FOLIA ARGILLITE
N.B LOST RETURN BLOCK - 11.8-12.2 ARG-CONTORTED
12.2-13.3 BROKEN - BOUGEY FRAGS - ORANGEY VEINING
IN NG.
13.2-17.2 HIGH DENSITY HAIRLINE → 1CM FOLIA
PARALLEL QTZ WITH ABUNDANT LATER X-CUTTING
MAJORITY MODERATE TO STRONG "FIZZ"

DEPTH (M)	% VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX.	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt	BOX #
2	10	7															3.9		40	1		
4	40	30														192536	5.45		70		0.04	1
6																192537	6.9				0.02	BOX
	90	90				0							2			538	7.45		30		11.03	2.52
9	10	10														539	8.2				0.08	
	80	80														541	8.65				0.08	
																542	9.60				0.05	
10																192543	11.30		30		0.01	
	10	10																	90	1		BOX 2
12																192544	13.30				0.01	13.33
14	30	25														192545	15.3		40	1	<0.01	

CORE
CASING ( ) EV :
COORDINATES : N. E.
INCLINATION :

SCALE
GROUND ELEV. :
AZIMUTH :

DAT ( ) :
DATE FINISHED :
TOTAL DEPTH :

PAGE No. 2 OF 4)
REF. TO CLAIM CORNER :
LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FWCH SITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb)	BOX #
16													16					192546			40		<0.01	
	15	10								17.3 - 18.0 50/50 LS AND THIN FOLIATED ARG LS.									17.3					
	20	15								18 - 19.2 ARGILLACEOUS LS. - THIN LAMINATED ELONGATE												35		BOX 3
18										DIAMOND - NET PATTERN WITH THIN BLACK ARG SURROUND			18											
	5	3								1MM LS - SEVERAL LS FRAGS UP TO 5 CM GENERALLY					1							35 55		19.20
	10	8								ELONGATE AND ROUNDED											35			
	30	30								19.2 - 25.5 ARGILLACEOUS LIMESTONE - INTERBANDED					5				19.73				<0.01	
20	95	95								VARIATY.			20		TR	TR		545	20.56					
										19.75 - 20 ARG/QTZ MYLONITE 5% PY VNLETS														
										20 - 20.45 CREAMY MOD AZAGENED QTZ - ARG CRACKLE											STack.			
										TR SPH, GALENA PY.													0.01	
22	15	15								20.45 - 23.4 15% WHITE QTZ - GARD AS WEAK STOCKWORK			22		TR			192548	22.28		20			BOX 4
										LOCAL SECTIONS CONTORTED FOLIA IN HOST											40	30 40 25		
										23.3 - 25.5 GRADUAL INCREASE IN CONFORMABLE												20 30		
24										WK MYLONITIC ARG BANDS.														24.77
	5	3																						
										25.5 - 28.45. HIGHLY CONTORTED TIGHT FOLDED -									25.5					
26										PARTIALLY FRAGMENTED ARG/LS. VEINING CONTORTED			26										0.05	
										AND SEGMENTED 3% BLEBS PY IN FOLIA TR SPH?					3	TR? SPH		192549	27					
	1	5								28.45 - 29.8 - INTERBANDED LS AND MYLONITIC ARG.												Random Brittle		
										DISTINCTLY DIFFEREND BUT A SORT OF TRANSITION								192550					0.02	
28										ZONE FROM UNIT ABOVE TO BELOW.			28						28.45			30		BOX 5
										29.8 - ARGILLACEOUS LIMESTONE - INTERBANDED														
	7	5								VARIATY AS 19.2 - 25.5 ETC.					TR									
										FRAG FAGES GRAPHITIC & WK SLICKENSIDES.														
30													30											30.40

CASING C) EV : GROUND ELEV. : DA") : 00 GDD-02 PAGE No. 3 OF 4)

COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER :

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX.	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract. Angle & Type	Au (ppb)	BQI #
32	5	3								31.25 4 CM STRATA VEIN 40% COMBINED SPW, CPY PY AND TR GALENA 32.2 3 CM STRATA VEIN 20% COMBINED SULFIDE REMAINDER OF VEINING IN SECTION WHITE GHOSTY FIZZ TYPE			32					19255	31.25 32.5				1.54	
34	15	10											34											
36	7	5								35.8 - 46 HIGH DENSITY QTZ-CARB VEINLETS AS VEINS, SWIRLS BOUDINS AND SEGMENTS. 35.8 - 42 HOST FELIC CONTORTED 42 - 43.45 PSEUDO BRECCIA WITH LS FRAGS. 43.45 - 46 LOCAL CONTORTED BUT MAINLY WK STOCKWORK IN LS. TRACES PY IN ALL SECTIONS ABS IN VEINING			36					19253	35.8				0.05	35.80
38	50	25											38					19254	38					
40	10	5											40					19255	40				0.61	
42	40	20											42					19256	42				0.14	41.30
44	5	3											44					19257	44				0.01	
	50	25																19258					0.01	
	10	5																						
	40	20																						

CASING C) .EV : GROUND ELEV. : DA) : 00 CDD-02 PAGE No. 4 OF 4)

COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER :

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS/SEPTA	GEOLOGY	COMMENTS:	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL % CORE RECOVERED	%PY	OTHER SX.	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb)	BQ #
										DESCRIPTIVE GEOLOGY													
46										46-57 ARGILLACEOUS LS. - MODERATELY SILICIFIED MAJORITY SHOWS WAVY FOLIA - BED TWIN AND ACROSS BEDDING. TO HIGHLY CONTORTED LOCAL SECTIONS. 10 % ARG - MYLONITIC BANDS GENERALLY AT LOW ANGLE TO AXIS. MAJORITY OF FRACTURING BRITTL. RARE SPECK PY.			46						12556	46		40	0.01	BOX 8
	10	5																			45		
	40	20																					
48													48										46.8
	5	3																			20		
50	15	10											60								30		BOX 9
	5	3																			45		
	30	20																			25		
52	7	4											52										52.70
	70	40																					
	5	3																					
54	30	15											54										BOX 10
	7	4																					
56													56								45		
	10	6								57.0 E.O.H.													57.0
57																							

00 GDD-02

SEPT 22 2000

SAMPLE #	FROM	TO	LENGTH	DESCRIPTION	Au		Ag		Cu		Pb		Zn			
					ppb	gm	ppm	gm	ppm	%	ppm	%	ppm	%		
192536	3.9	5.45	1.55	VNLETS - MYL ARG.												
537	5.45	6.90	1.35	20% VNLETS												
538	6.90	7.45	0.55	RUSTY QTZ VN 2% PY												
192 539	7.45	8.20	0.75	80% BOUDINY												
192541	8.20	8.65	0.45	VN i VNLETS 60% QTZ												
542	8.65	9.60	0.95	30% BOUDINY - ARG.												
543	9.60	11.30	1.70	20% "LATE" STRINGERS												
545	11.30	13.30	2.0	BROKEN - 30% 10% CARB												
546	13.30	15.30	2.0	40%												
192546	15.30	17.30	2.0	30%												
192547	19.73	20.56	0.83	MYLONITE 19.73-20 VN 20-20.56 TR SPH												
192548	20.56	22.28	0.72	15% VNLETS 5% MYL.												
192549	25.5	27.0	1.50	MYL ARG PY TR SPH?												
192550	27.0	28.45	1.45	" " "												
192551	31.25	32.5	1.25	1x3cm 1x5cm SULFID												
192552	35.8	38.0	2.20	HI DENSITY QTZ-CARB												
553	38.0	40.0	2.0	NVS												
554	40.0	42.0	2.0	"												
555	42.0	44.0	2.0	"												
192556	44.0	46.0	2.0	"												
192540				STANDARD A												

OA GDD-02
20 SEPT 2K
RER

BLOCKS		RECOVERY			RQD		PHOTO
FROM	TO	INTERVAL	ACTUAL	%	LENGTH	%	ROLL / PRINT
2.13	5.18	3.05	2.50	82	1.0	32.7	
5.18	8.23	3.05	2.95	97	1.70	55.7	1 / 9
8.23	11.28	3.05	2.95	97	1.87	61.3	Boxs 1-3
11.28	14.33	3.05	2.30	75	2.19	71.8	2.13 → 19.20
14.33	17.37	3.04	2.95	97	2.20	72.1	
17.37	20.42	3.05	3.05	100	2.30	75.4	
20.42	23.47	3.05	3.0	98	2.33	76.4	
23.47	26.52	3.05	3.0	98	2.0	65.6	1 / 10
26.52	29.57	3.05	3.1	102	2.65	86.9	Boxs 4-6
29.57	32.61	3.04	2.9	95	1.50	49.2	19.20 - 35.82
32.61	35.66	3.05	3.2	105	2.25	73.8	
35.66	38.71	3.05	3.1	102	1.20	39.3	
38.71	41.76	3.05	3.1	102	2.10	68.9	1 / 11
41.76	44.81	3.05	2.3	75	2.45	80.3	Boxs 7-9
44.81	47.85	3.04	3.05	100	2.45	80.3	35.82 - 52.70
47.85	50.90	3.05	2.95	97	2.30	75.4	
50.90	53.95	3.05	2.75	90	1.82	59.7	
53.95	57.0	3.05	2.90	95	2.62	85.9	1 / 12
							Box 10
TOTALS		54.87	52.05	95%			52.70 - 57.0

CASING : EV : GROUND ELEV. : E : PAGE No. 1 OF 5 01 GDD-05

COORDINATES : 509.5 N. 558.5 E. DATE FINISHED : 19 SEPT 2000 REF. TO CLAIM CORNER :

INCLINATION : -45° AZIMUTH : 200° TOTAL DEPTH : 63.09 LOGGED BY : Robert E Reid

COMMENTS: AVG. CORE RECY/HOLE 100

DESCRIPTIVE GEOLOGY

0 - 2.44 CASING.

2.44 - 13.25 QTZ VEIN:

2.44 - 4.45 WHITE MICRO - WEAK CRACKLE.
WITH 5% ORANGISH GRAINS - USUALLY CLUSTER
CARBONATE:
2.44 - 2.75 TR SPH GALENA CRACKLE FILLING.
2.75 - 2.9 LS HORST.
2.9 - 3.07 HIGH CONC SULFIDES SPH PY WITH
TR GALENA IN PSEUDO BRECCIA - HIGH CRACKLE.
3.07 - 4.45 WK CRACKLE WITH LOCAL DENDRITIC
SPH. GALENA FRAC FILLING 1% COMB.
4.45 - 7.50 ARGILLACEOUS LS MAINLY LS WITH
FEW MYLONITIC ARG BANDS
VEINING TO 6.6 MAINLY QTZ - CARB - MOD FLDS
WITH BOUDINY FOLIA PARALLEL & WK STOCKWORK
AND SEGMENTS FOR LATE STAGE
6.9 - 6.6 BRECCIA - QTZ CARB WITH LS FRAGS.
6.6 - 6.8 QTZ FRAGMENTS WITH LOCAL
SECTION HIGH SULFIDES.
6.8 - 7.5 VARYING DEGREES OF QTZ - CARB
MAINLY AS FRAGMENTS
7.1 - 7.4 MAJORITY WITH BLEBS PY.
7.4 - 7.65 DECREASING AMOUNT ASSIMILATED
LS FRAGMENTS.
7.65 - 8.95 WK CRACKLE - LOCAL CONCENTRATION
SULFIDES 1% AVERAG.
8.95 - 9.14 40% SULFIDES PY GAL. SPH CHALCO.

DEPTH (M)	% VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt	BOX #
2											2						2.44			20		
4	95	90									4			1-2		192557	4.45			50 30	4.04	
6	15	10									6			1R		192558	6.40				0.05	Box 1
	40	5											5	1R		192559	7.50				1.70	2.4
8	95	95									8			1-2		192561	9.33				13.44	
														40		192560	9.94				1.91	
10	50	50									10			1-2		192562	12.0				4.33	Box 2
12	95	90							Q		12					192563	13.25			25	0.55	13.2
14	10	1							QL		14					192564	14.35				0.01	

MOSTLY RANDOM ORIENTATION

CASING : EV : GROUND ELEV. : DP :
COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER :
INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FMCH SITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS/SEPTA	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb)	BOX #
16	10									9.14 - 9.94 50% QTZ AN QTZ CARB FRAGS. IN CONTORTED ARG "BANDS"			16											
	30									9.22 COARSE BLEB Py-GALENA IN ARG													
										MAINLY QTZ 9.14-9.52 AND MAINLY QTZ CARB 9.52 - 9.94.													
18	10									9.94 - 10.15 QTZ CARB VEIN WITH 1-2% Py. DISTINCT ACID FIZZ CONTACT			18											
										AT 10.15. AND 1mm DIRTY Py BAND.													
	20									10.15 - 13. WHITE MACRO LOCAL CRACKLE													
20	5									WITH SULFIDE GALENA PREDOMINATE - 2-3%			20											
	30									TOTAL AVERAGE													
										13 - 13.25 ARGILLACEOUS WITH WAVY INLETS													
22	7									OF BOTH QTZ-CARB & QTZ. 13 CONTACT			22											
										AGAIN DISTINCT FIZZ CONTACT													
										13.25 - 48.6 LIMESTONE / ARGILLACEOUS LS													
	10									MEDIUM GREY MASSIVE - FINE GRANULAR WITH													
24	3									3% BLACK GRAINS. GENERALLY INDISTINCT TO			24											
										WK FOLIA 5% ARGILLACEOUS BANDS AN FOLIA									24.75					
		1								ARGILLACEOUS SECTIONS GENERALLY MYLONITIC.								12554						
	30									NUMEROUS LOCAL MINOR FOLD / THINING / GROSSBEDDING													
26										AND GENERAL CONTORTED FEATURES.			26						26.0					
										ALMOST ALL VEINING 13.25 - 35.66 QTZ-CARB													
										AND MAJORITY LATE STAGE CROSSCUTTING													
										FOLIATE WK - MOD STOCKWORK ZONE													
28	25									MAJORITY OF FOLIA PARALLED ARG BOUDINS			28											
										OR SEGMENTS.									28.4					
	50									25.3 - 25.42 QTZ VN NVS								12555	29.0					
	25									28.45 - 28.9 QTZ CARB BRECCIA VN														
30	15									LS FRAGS. TR Py			30											

Box 3 18.75
Box 4 24.75
Box 5 29.97

CASING C .EV : GROUND ELEV. : DAT :

COORDINATES : N. E. DATE FINISHED :

INCLINATION : AZIMUTH : TOTAL DEPTH :

REF. TO CLAIM CORNER : CC GDD-03

LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt	BOX #
32	15									29.9 – 35.6 DISJOINTED AND COARSE FRAGMENTAL ? VEIN OFFSETS COMMON AT 33.5 TENSION GASH VEINING 2CM			32								35 / 30 / 25			Box 6
34	35												34											
36	10									35.6 – 36.2 LIMY MYLONITIC ARGILLITE QTZ-ARZB BOUDINS – 5% FINE BLEBS Py			36		5			112568	35.0 / 36.25		35 / 30		0.02	35.66
38	3												38											
40	20									MAJORITY OF QTZ CARB VEINING FOLIA PARALLEL 1/2 → 2CM WITH WK TO LOCALLY MOD X-CUTTING 2-4 MM GIVING WK STOCKWORK PATTERN			40								35 / 25 / 65 / 65 / 25 / 25			Box 7
42	10												42											41.45
44	5									42.38 – 43.1 LIMY MYLONITIC ARG AS 35.6-36.2 1% Py			44								40 25 / 25			
	7																							

CASING C EV : GROUND ELEV. : DA" : PAGE No. 4 OF 5 GDD-03

COORDINATES : N. E. DATE FINISHED : REF. TO. CLAIM CORNER :

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/W	MINERALS\SEPTA	GEOLOGY	COMMENTS:	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt	BQ1 #
										DESCRIPTIVE GEOLOGY														
-46	70								15	45.15 - 46.1 QTZ-CARB MYLONITIC TO BRECCIA VEIN - LS FRAGS 15% ARG FOLIA. TR Py FOLIA PARALLEL.								192611	45.15				0.02	Box 8
																			46.1					
	5									46.5 FOLD NOSE? OF SOME SORT. NO INDICATION FROM MINOR STRUCTURES.													47.16
-48	80								Arg	47.16 - 47.36 47.65 - 47.85 4 cm QTZ CARB BRECCIA VEINS 50% LS FRAGMENTS.								192612	47.6			0.01	
	2									48.35 - 48.6 MYLONITIC QTZ CARB Bx VN 30% LS FRAGS					5				48.8				
-50										48.6 - 49.12 ARGILLITE BLACK. VERY THIN LAMINATED. 5% Py BLEBS								192613				0.01	
	30									49.12 - 51.0 DARK GREY - RECRYSTALLIZED SOMEWHAT GRANULAR LIMESTONE. MOD (HIGHER THAN NORM) SILICIOUS. (STILL STRONG FIZZ WITH HCl) 40% VEINING OF MORE QUARTZOSE QTZ CARB (WEAKER FIZZ) LOCAL Bx CONTAINING REGULAR LS FRAGS. NVS.												<0.01	Box 9
-52													52					192614	51.05					
	2																		52.2					52.9
-54										51.0 - 51.63 ARGILL LS AS MAIN. 51.43 - 51.63 FINE MYLONITIC.													
	10																							
-56	3									51.63 - 54.65 ARGILLITE BLACK - VERY THIN LAMINATED MILDLY WAVY FOLIA. 3% Py BLEBS - SUBHEDRAL Au 2mm. 2% QTZ MAINLY AS TENSION GASH'S. LOOK LIKE ALL THOSE IN LS BUT THESE HAVE NO FIZZ. VEINING ASSOCIATING CARBONATE IN LIMESTONES?																
-58	5												58											Box 10
	10																							58.5
-60	3									54.47 - 54.65 MYLONITIC QTZ ARG VEIN CONTACT 60% QTZ DOL - TR Py IN ARG.													

CASING C EV : GROUND ELEV. : DA : PAGE No. 5 OF 5 DD-03

COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER :

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FELSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS/SEPTA	GEOLOGY	COMMENTS:	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppb)	BOX #
										DESCRIPTIVE GEOLOGY														
										54.65 - 63.09. ARG LS - FAIRLY TYPICAL- FAIRLY UNIFORM FOLIATED. COLOUR BANDED LIGHT AND LIGHT MEDIUM GREYS.														
	1									5% ARG AS HARZON BANDS.														
62										LOCAL CONVOLUTIONS 62-62.5.														Box 11
										BASICALLY LOOKS LIKE A BANDED SILTSTONE.														
63.09																								63.09
										63.09 EOH. (207 FT)														

00 GDD-03
SEPT 23 2K.

SAMPLE #	FROM	TO	LENGTH	DESCRIPTION	Au		Ag		Cu		Pb		ZN			
					PPb	gm	PPm	gm	PPm	%	PPm	%	PPm	%		
192557	2.44	4.45		VN WITH SULFIDE												
558	4.45	6.40		LS												
192559	6.40	7:50		QTZ CARB LS & QTZ W												
192561	7.50	9.33		VN WITH SULFIDE												
562	9.33	9.94		ARG & VN.												
563	9.94	12.0		VN WITH												
564	12.0	13.25		VN WITH.												
192565	13.25	14.33		LS												
192566	24.75	26.0	1.25	HI DENSITY W/ QTZ												
192567	28.4	29.	0.60	QTZ CARB BX												
192568	35.6	36.25	0.65	MIL ARG 5% PY												
192569	45.15	46.1	0.95	QTZ-CARB BX VN.												
192560				STANDARD A												
192965	47.6	48.8		BX & HOST.												
966	48.8	51.05		ARG & QTZ VNLTS.												
192967	51.05	52.2.		LS ARG CONTACT.												

00 GDD - 03

BLOCKS		RECOVERY			ROD		PHOTO
FROM	TO	INTERVAL	ACTUAL	%	LENGTH	%	ROLL / PRINT
2.44	3.96	1.52	1.59	105	1.11	73	1 14 MINOR STRUCTURE AT 17 m
3.96	5.18	1.22	1.42	116	0.96	74	
5.18	8.23	3.05	3.05	100	2.38	78	1 - 16 ? BOXES 1-3 2.44 - 18.75
8.23	11.28	3.05	2.87	94	2.27	74	
11.28	14.33	3.05	3.05	100	1.92	63	
14.33	17.37	3.04	3.07	101	2.33	76	
17.37	20.42	3.05	3.05	100	2.56	84	
20.42	23.47	3.05	3.10	102	1.63	53	1 15 ? BOXES 4-6 18.75 - 35.66
23.47	26.52	3.05	2.9	95	1.81	59	
26.52	29.57	3.05	3.05	100	2.17	71	
29.57	30.43	0.86	0.84	98	0.65	76	
30.43	32.61	2.18	2.18	100	1.74	80	
32.61	35.66	3.05	3.10	102	2.17	71	
35.66	38.71	3.05	2.95	97	2.46	81	1 - 18 ? BOXES 7-9 35.66 - 52.9
38.71	41.76	3.05	3.0	98	2.62	86	
41.76	44.81	3.05	3.1	102	2.54	83	
44.81	47.85	3.04	3.0	98	2.71	89	
47.85	50.90	3.05	3.02	99	2.92	96	
50.90	53.95	3.05	3.06	100	2.43	80	
53.95	57.0	3.05	3.13	103	1.93	63	1 - 17 ? BOX 10 & 11 52.9 - 63.09 EOH
57.0	60.05	3.05	3.0	98	2.44	80	
60.05	63.09	3.04	3.10	102	2.85	93	
2.44	63.09	60.65	60.63	100			19, 19, 20 BOXES 8 & 9 SHOWING BEDDING CHANGE
	63.09	EOH					

CASING C ELEV : GROUND ELEV. : DATE :

COOR ES : 601.25 N. 528.25 E. E FINISHED : 20 SEPT 2000

INCLINATION : AZIMUTH : 200° TOTAL DEPTH : 90.53

PAGE No. / OF 6

REF. TO CLAIM CORNER : DOGDD-04

LOGGED BY : Robert E Reed

DEPTH (M)	ALTERATION % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS/SEPTA	GEOLOGY	COMMENTS:	AVG. CORE RECV/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX.	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mT	BO #
										DESCRIPTIVE GEOLOGY	95%													
									CASING AND RUBBLE	0 - 6.4 CASING 6.4 - 8.0 RUBBLE														6.4
8										8 - 9.9 LIMY ARGILLITE - WK MYLONITIC TO "DIAMOND NET" FABRIC - DARK GREY. SLIGHTLY WAVY FOLIA AT 10 TO 40° TO AXIS. MINOR 1MM X CUTTING VNMETS 1% COARSE BLEBS PY. 2cm MUD & BROKEN AT 9 & 9.85.					3									
10	1																							
	7	4								9.9 - 13.8 ARGILLACEOUS LIMESTONE - TYPICAL SILTY MASSIVE LS WITH MINOR ARG BANDS. 12.45 - 12.65 FRAGMENT. GENERAL VALUE WK LOW ANGLE FOLIA.								192570	11.6					
12	30	20								11.6 - 13.1 QTZ-CARB STOCKWORK → WK BRECCIA. - STONG FIZZ - N.V.S.									13.1				0.01	
	10	5								13.4 - 13.8 BROKEN WITH 7cm MUD AT 13.8								192571	14.0					
14	05	20																	15.0				0.02	

CASING ELEV : GROUND ELEV. : PAGE No. 2 OF
COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER : 00-DD-04
INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/VN	MINERALS/SEPTA	GEOLOGY
16	3								17
18	30	20							17.3
	7	4							18.5
20									19.8
	30	25							
22									22.15
	10	5							
	60	50							
24	2								
	70	60							
	3	1							
	30	20							25.2
26	90	70							
									27.2
	30	20							
28									29.5
30	5	4							

COMMENTS: AVG. CORE RECY/HOLE

DESCRIPTIVE GEOLOGY

13.8 - 18.5 LIMY ARGILLITE - MASSIVE TO THINLY BANDED WITH LS. FRACTURING BRITTLE AND CROSSCUTTING CONTORTED CRINKLY GENERALLY LOW ANGLE FOLIA. 2-5% COARSE (UP TO 1cm) PY BLEBS IN CARB-QTZ MATRIX.

14-15 AND 17.3 - 18.5 MYLONITIC + BRECCIA ZONES 40% QTZ CARB (MOD FIZZ) WITH 5-10% DOLOMITE.

18 - 18.5 MAJORITY OF FRAGS SILICIFIED LS - LOOKS LIKE LS BUT NO FIZZ.

18-19 BROKEN CORE.

18.5 - 23 ARGILLACEOUS LS:

18.5-19.8 WKLY MYLONITIC AZG INTERMIXED WITH ELONGATE LS FRAGS AT LOW ANGLE.

19.8 - 22.5 MYLONITIC BRECCIA WITH SUBROUNDED BOUDINY QTZ-CARB CONTAINING COARSE FRAGS LS ; AZG 30% VNING TR PY AS FINE BLEBS AND FEW FOLIA BANDS.

23 - 24.55 ARGILLITE - LOW ANGLE -

23.1 - 23.5 QTZ CARB VEIN 60%

24.55 - 29.5 QTZ-DOLOMITE ARGILLACEOUS LS BRECCIA. COARSE FRAGMENTS OF LS IN A MEDIUM TO COARSE "GRAINED" QTZ-DOL G.M. LS ALSO CUT BY USUAL RANDOM ERRATIC QTZ CARB AND CARB VNLETS - FEW VUGGY WITH SMALL CARBITE XTALS. RARE SOLCK PY.

29.55 - 24.75 QTZ CARB VN 70%

24.75 - 25.2 LS.

SHEAR	DRILLING INTERVAL % CORE RECOVERED	ZPY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (opb) g/mt	BO #
	16	5				45.38			90		
									40		
					192572	17.3		BY	35	0.09	17
	18	3				18.5			35		18
		Tr -1%						CRINKLY			
	20					19.8					
					192573					0.01	
		1/2 -1%						BY	WK BRITTLE RANDOM		3
	22					22.15					22
	24	Rare SPECK									24
					192574	25.2			WK BRITTLE 60-90	0.02	
	26										
						27.2					A
	28				192575					0.01	30
						29.5					
	30	5									29.8

CASING Ø : EV : GROUND ELEV. : DATE : PAGE NO. 3 OF 4

COORD'S : N. E. FINISHED : REF. TO CLAIM CORN. POGDD-04

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FVCH SITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX.	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppm) g/mt
32	2	1								29.5 - 32.65 LINY ARGILLITE - MINOR LS BANDS - VERY FOLIA ANGLES 10-60. 29.57 - 30.1 WK SHEAR BROKEN WITH 6 CM GOUGE 29.2 - 29.8 31.9 - 32.65 SHEARED & SLIGHTLY CRUMBLY MINOR X CUTTING STRINGER & FEW QTZ CARB FRAGS IN CONTACT ZONES. 2% COARSE CLOTS PY. 2% FINER.			32		5					32.4				0.02
34	40	5											34		1/2			192576					
36	10	5								32.65 - 39.7 QTZ CARB LS BX. FRAGMENTS OF ARGILLACEOUS LS IN A STRONG FIZZ QTZ CARB AND LESSER ARGILLITE MATRIX. TR PY.			36							35.0		30 F/ B F		
38	3	1								34.7 - 39.36 ARGILLITE. FAIRLY MASSIVE COMPETANT - LOCALLY BANDED WITH LIGHT GREY SILT / LS LOOKALIKE BUT NO FIZZ) MODERATELY SILICIOUS FOLIA SOMEWHAT CRINKLY BUT CONSISTANT AT 30-35° WITH LOCAL SECTIONS TO 45° 34.7 - 35 SHEARED - GOUGEY USUAL QTZ FRAGS LOCAL COARSE BLEB PY 1% AU			38		1					37.0		42 F		0.01
																		192577			35 F		
40	2	1											40		5			192578	38.0		40 F		0.02
										39.2 - 39.36 50% QTZ-CARB									39.36			45	
42	40	40		5						39.36 - 41. "FISH EYE" ARGILLITE 20% ROUNDED AU 4mm EYES ALIGNED IN FOLIATION - SIMILAR COLOUR TO ARG BUT GENERALLY WITH PARTIAL THIN QTZ-CARB HALO WHICH MAKES THEM OBVIOUS SLIGHT INCREASE IN PY CONTENT.			42		5					41				
																		192579					0.05
44													44					192581	43			FRACTURE	
										40.4 - 41. PROGRESSIVELY MORE WK SHEARED AND BROKEN.													0.09
	5	5		1											15				44.08				

CASING C EV : GROUND ELEV. : DATE : PAGE No. 4 OF 1 DD-04

COOR ES : N. E. DATE FINISHED : REF. TO CLAIM CORNER :

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (N)	ALTERATION: % VEINS	% QTZ VN	FVCH SITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS/SEPTA	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVG. CORE REC'Y/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt	BO #
46	90	95		5						41 - 44.48 GRAPHITIC - PYRITIC ARG - QTZ DOLOMITE SHEAR MYLONITIC ⇒ BRECCIA VN ZONE. 40% QTZ-DOLOMITE. NVS IN MAIN VEINING. PY MAINLY BLEBS - MINOR THIN BANDS. FEW GOUGE AND RECONSOLIDATED GOUGE SEATIONS. GENERAL TREND 20-30° TO AXIS.			46		15			192582	45.38				0.10	Bot'
															3			192583	46.1			30	0.11	46m
	20	95		5																				
	1	95		5											5			192584				F	<0.01	
48	20	95		5									48			ϕ			48.55					
	1	95		5						44.48 - 45.38. PYRITIC ARG. COMPETANT - WK FRAC												25		BO# E
50										45.38 - 46.1 80% QTZ DOL - GRAPHITIC ARG PARTING.			50		7			192585				F	0.01	
	5	95		5						46.1 - 48.55 MOD - HIGHLY FRACTURED 20% BROWN QTZ DOLOMITE 20-30° TO AXIS - UP TO 3 CM AND MINOR STOCKWORK ZONES.									50.60					51.3
52	10	90		10									52		7			192586				45-50	0.01	
	5	90		10																		F		
	20	95		5						48.55 - 50.60 COMPETANT WK FRACTURED PY ARG 3 X 1CM X CUTTING VEINS - MINOR HAIRLINE									53.5					
54													54		10			192587	54.22				0.01	
										50.60 - 53.50 BROKEN 15-20% L 1CM TIGHT FOLDED AND CROSSCUTTING VEINING GIVING STOCKWORK TO WK BRECCIA PATTERN.														
															5			192588				45-50 BRITTLE 35	<0.01	
56																			56.0					56.8
	1									50.6 - 51.5 SHEAR - HIGHLY BROKEN WITH GOUGE 51.0 - 51.3.												F		
										52.17 - 52.65 PYRITIC ARG SIMILAR TO 44.48 - 45.38 EXCEPT MORE FRACTURED														
58										53.50 - 54.22. PYRITIC PELITIC ARG. - GRAPHITIC ON SOME SLIP FACES			58											
										20% CARB SHEOS IN FOLIA - MAJORITY WITH FINE MASSIVE SUBHEDRAL PY												50-60		
60													60									F		

CASING C EV : GROUND ELEV. : TE :

COOR ES : N. E. DATE FINISHED :

INCLINATION : AZIMUTH : TOTAL DEPTH :

GDD-04

REF. TO CLAIM CORNER :

LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVG. CORE REC'Y/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX.	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb)
62										54.22 - 61.5 PYRITIC SILTY BANDED ARGILLITE. 20% LIGHT GREY TURBIDITE BANDED CALCAREOUS SILTS WITHIN ARGILLITE TO 57.3 AFTER WHICH BECOMES MORE REGULARLY THIN BANDED WITH SILT BANDS GENERALLY < 5 MM.			62					19258	61.0 62.0				<0.01
64										3-5% FINE & COARSE PYRITE SUBHEDRONS IN CARBONATE BLASTS. MINOR VEINING AS X-CUTTING STRINGERS 1-2/METER. COMPETANT - WK FRACTURED UNIT.			64		3 ↕ 5							
66										61.25 - 69.25 CALCAREOUS SILTSTONE WITH 5% INTERBANDED ARGILLITE. SILTS INTERBANDED MEDIUM AND DARK GREYS - DARKER DUE TO ARG COMPONENT. 1-2% PYRITE AS BOTH SUBHEDRONS AND IN CARB BLASTS AND IN CALCAREOUS FOLIA.			66										
68	1-2												68										
70										62-62.6 2x 3cm QTZ DOL AND MINOR STRINGERS			70					19259	69.0 71.0				<0.01
72										62.5-64.2 SHEARED BROKEN GOUGEY AND MILDLY GRAPHITIC. 10-15% QTZ CARB FRAGMENTS 3% PY. 65.2-65.8 BROKEN WK VERSION OF 62.5-64.2			72										
74										69.75 CONTACT A 15mm QTZ CARB AT 80° ALTHOUGH FOLIA ON BOTH SIDES APPEARS CONSISTANT AT 50°			74										

CASING C EV : GROUND ELEV. : PAGE No. 6 OF 6 D. DD-04

COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER :

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppb)	BO #
76										69.75 - 71.4 MEDIUM GRAINED PELITIC? CALCAREOUS SILTSTONE. DARKER GREY GRANULES 40% (UP TO 2mm) IN FINE GRAINED LIGHT GREY MATRIX. FEW SHARDS OR ARG FRAGMENTS TR. PY AS FINE DISSEMINATIONS IN LOCAL SEGMENTS 69.75-69.87 ; 71.07-71.32.			76									50		Box 13
78													78											
80										71.4 - 90.53 CALCAREOUS SILTSTONE GENERALLY LIGHT GREY - MOD SILICIOUS 15% ARGILLITE INTERBANDS (NON FIZZ) AND FOLIA TRACE PYRITIC CARB STRINGER IN ARG AND RARE FINE SPECK IN SILT WEAKLY FRACTURE WITH VAST MAJORITY ON FOLIA			80									50		79.1
82										81.38 - 82.18 WK-MOD SHEAR PARALLEL FOLIA 5% CARB FRAGS AND VNLETS			82											Box 14
84										2 x 1 cm GOUGE - MINOR VUGGY "FRAGS" BETWEEN GOUGE 81.8 - 82.05			84									50		84.1
86										90.53 EOH.			86											
88													88											Box 15
90													90											90.0 EOH 90.53

00 GDD-04

SAMPLE #	FROM	TO	LENGTH	DESCRIPTION	Au		Ag		Cu		Pb		Zn			
					ppb	gm	ppm	gm	ppm	%	ppm	%	ppm	%		
192570	11.6	13.1		STOCKWORK CARB QTZ												
192571	14.0	15.0		STOCKWORK IN ARG.												
192572	17.3	18.5.		BX - ARG ⇒ SIL LS												
192573	19.8	22.15		BX - MIL IN LS & IRPY												
192574	25.2	27.2		BX.												
192575	27.2	29.5		BX												
192576	32.4	35.0		XG BX & CONTACTS												
192577	37.0	38.0		SILT? & ARG.												
192578	39.36	40		FISH EYE ARG												
192579	41	43		QTZ-DOL ARG												
192581	43	44.48		SHEAR ZONE												
582	44.48	45.38		"												
583	45.38	46.1		"												
584	46.1	48.55		"												
585	48.55	50.60		"												
586	50.60	53.50		"												
587	53.50	54.22		"												
192588	54.22	56.0		"												

SAMPLE #	FROM	TO	LENGTH	DESCRIPTION	Au		Ag		Cu		Pb		Zn			
					ppb	gm	ppm	gm	ppm	%	ppm	%	ppm	%		
192589	61	62	1.0	ARG. SILT CONTACT.												
192590	69	71	2.0	SILT - CONTACT. PELITIC SILT												

OO GDD - 04
SEPT 24 2000

BLOCKS		RECOVERY			RQD		PHOTO
FROM	TO	INTERVAL	ACTUAL	%	LENGTH	%	ROLL / PRINT
6.4	8.0	RUBBLE					
8.0	8.23	0.23	0.23	100			1 - 22
8.23	11.28	3.05	2.80	92	2.03	67	Box 1-3
11.28	14.33	3.05	2.54	83	2.24	73	6.40 - 24.4
14.33	17.37	3.04	3.02	99	2.37	78	
17.37	20.42	3.05	2.67	88	1.37	45	
20.42	23.47	3.05	3.0	98	2.78	91	
23.47	26.52	3.05	2.95	97	2.69	88	1 - 21
26.52	29.57	3.05	2.95	97	2.54	83	Box' 4-6
29.57	32.61	3.04	2.85	94	0.32	10	24.4 - 41.0
32.61	35.66	3.05	2.85	93	1.23	40	
35.66	38.71	3.05	3.05	100	2.30	75	
38.71	41.76	3.05	2.50	82	0.85	28	
41.76	44.81	3.05	2.88	94	1.28	42	1 - 24
44.81	47.55	2.74	2.6	95	1.28	47	Box's 7-9.
47.55	50.60	3.05	3.05	100	2.50	82	41.0 - 56.8
50.60	53.95	3.35	2.6	78	0.40	12	
53.95	57.0	3.05	3.30	108	2.68	88	
57.0	60.05	3.05	3.05	100	2.50	82	1 - 23
60.05	63.09	3.04	2.7	89	2.0	66	Box's 10 - 12
63.09	66.14	3.05	2.35	77	0.93	30	56.8 - 73.33
66.14	69.19	3.05	3.2	105	2.03	67	
69.19	72.24	3.05	3.05	100	2.05	67	
72.24	75.29	3.05	3.0	98	2.06	68	2 - 1
75.29	78.33	3.04	2.85	94	2.10	69	Box's 13 - 16
78.33	81.38	3.05	3.08	101	1.70	56	73.33 - 90.53
81.38	89.43	3.05	3.0	98	1.58	52	

BLOCKS		RECOVERY			RQD		PHOTO
FROM	TO	INTERVAL	ACTUAL	%	LENGTH	%	ROLL / PRINT
84.43	87.48	3.05	3.05	100	2.13	70	2 - 1
87.48	90.53	3.05	3.20	105	2.09	69	
TOTAL		82.53	78.37	95%			
	90.53	EOH.					

CASING C EV : GROUND ELEV. : DATE :

COORDINATES : 581 N. 543 E. DRILL FINISHED : 21 SEPT 2000

INCLINATION : -45 AZIMUTH : 200 TOTAL DEPTH : 90.53

REF. TO CLAIM CORNER : 00CDD-05

LOGGED BY : Rhett Rud

AVG. CORE RECY/HOLE 93.5%

DESCRIPTIVE GEOLOGY

DEPTH (M)	ALTERATION: % VEINS	ALTERATION: % QTZ VN	ALTERATION: FUCHSITE	ALTERATION: DOLOMITE	ALTERATION: SERICITE	ALTERATION: COLOUR	FRACTURING/VN	MINERALS\SEPTA	GEOLOGY	COMMENTS:
0										0 - 7.01 CASING.
										7.01 - 8.23 REDRILL FRAGMENTS
										8.23 - 9.7 MUD WITH VEINLENG IN ARGILLITE FRAGMENTS.
2										BOX 1 WAS APPARENTLY "DUMP" A BEST EFFORT HAS BEEN MADE TO REASSEMBLE SOME CORE IS MISSING AND METERAGE
4										HAS BEEN WORKED BACKWARDS FROM 14.33 AND IN RELATION TO FOOTAGE BLOCKS.
6										9.7 ? - 13.7 SILTY - ARGILLITE - MODERATELY SILICIOUS. 9.7 - 12 SINISTRAL FABRIC WITH APPARENT COARSENING OR RECRYSTALLIZING OF SILT. YELLOWISH GREEN EPIDOTE LIKE MVE TO SILT FOLIATION. - FOLIN LOW ANGLE TO AXIS
8										10 CM QTZ DOL "VEIN" AT 12 - 12.1 AFTER WHICH UNIT BECOMES MORE INTERLAYERED WITH FOLIN GENERALLY AT 40°
										GENERALLY 4 WK QTZ DOLOMITE X-CUTTING LAMINATED SECTION WITH MAIN DIFFERENCE BEING UNITS MOST CONTAIN GALENA & TRACES SPH & CPY
10	15	15	✓							3% FINE DISSEMINATED PYRITE SUBHEDRONS
	7	✓		✓						IN HOST - FEW COARSE SUBHEDRONS.
12										VEINING WK FOLDED AND/OR SEGMENTED
										13.7 - 14 QTZ VN - WHITE QTZ N/S - ROTTEN
	15	✓		✓						10 CM BLOND WEATHERED FITTED.. DOLOMITE
14	2mm	✓		✓						CLASTES
										14 - 33.6 ARGILLITE.
										MAINLY HIGH STRAIN TO LOCALLY SHEARED PYRITIC AND LOCALLY GRAPHITIC.

SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mT	BO #
	2											
	4											
	6											7.01
	8					192646	8.23				0.12	
	10			TR 1% BANDED SPH CPY		192649	9.7			30°	0.45	
			3			192650	10.5			5	0.11	Rep 1
	12					192651	12.0				0.10	
							13.7			40°		13.75
	14					192654	14.33			F	1.04	

CASING C EV : GROUND ELEV. : E :

COORD ES : N. E. DATE FINISHED :

INCLINATION : AZIMUTH : TOTAL DEPTH :

PAGE No. 2 OF ( ) 006DD-05

REF. TO CLAIM CORNER :

LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/VN	MINERALS\SEPTA	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (opt) g/mt	BQ #
16										14 - 19.5 SOMEWHAT SHEARED ZONE WITH 20% OF INCH SIZED WITH REMAINDER GOUGE AND FRAGMENTS.			16												
	30	✓		✓						19 - 20.95 HIGH STRN MYLONITIC BREccia. LOCAL SECTIONS CONTAIN ROUNDED LIGHT BLUISH GREY SILT OR SILICIFIED FRAGMENTS - NO FIZZ.			18		3									
18										21 - 23. INCREASED PY CONTENT - 5% WITH MAJORITY BEING IN VEINING OR VN SEGMENTS. VAGUE APPEARANCE OF BLUISH GREY QTZ FERNS - USUALLY FILLING WITHIN WHITE QTZ DOLOMITE (MAJORITY) AND A LATTER YOUNGER QTZ-DOL			20												20.1
20										20.95 - 33.6 GENERALLY MOD STRN WITH CONTORTED FOLIA - WISPY BLASTS - MYLONITIC AND WITH SECTIONS MYLONITIC BREccia. BULK OF VEINING AT LOW ANGLE TO AXIS. NUMEROUS VARIATIONS IN FOLIA ANGLES											21.0			
	7	✓		✓									22		5			G59241			50/15/F			
22	10	✓		✓											1 .20							0.02		
	5	✓		✓															23.0					
	25	✓		✓						22.5 - 26 WK SHEARED - GENERALLY SLIP LOW ANGLE TO AXIS.			24		3									
24	7									31.5 - 31.7 ; 32.4 - 32.6 ; 32.8 - 33.2 MOD SHEARED - USUALLY FRAGMENTS														
										32.8 - 33.6 SOME BREccia ?														
	15	✓		✓									26											
26										33.6 CONTACT A FRACTURE // PARALLEL FOLIA AT 30°														
	50	✓		✓																				
	7	✓		✓																				
28	35	✓		✓									28											
	3	✓		✓																				
	80	✓		✓																				
30	3	✓		✓									30											

CASING : ELEV : GROUND ELEV. : PAGE No. 3 OF 6 GDD-05

COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER :

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS/SEPTA	GEOLOGY	COMMENTS:	AVG. CORE RECV/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX.	Log Sum	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppb)	BQ
										DESCRIPTIVE GEOLOGY														
	5	✓		✓						33.6 - 42.4 ARGILLACEOUS LIMESTONE. 5% ARG BANDS & FOLIA. FAIRLY UNIFORM DISTINCT LAYERING.														Box 4 31.
32	10	✓		✓						33.6-34.9. 50/50 X-CUTTING AND SEGMENTED FOLIA VEINLET.			32					192654	32.6		45 30 F E	0.67	
										34.1 & 34.54 4 CM ARG; QTZ-CARB; LS BRECCIAS								192655	33.6				
34	15	✓	✓							34.5 - 34.8 2cm QTZ CARB SHEAR VEIN AT LOW ANGLE.			34						34.8			0.05	Box 5
										RARE SPECK PY IN INTERVAL.													
										34.9 - 36.65 SULFIDE BEARING QTZ-DOL VEIN.						Galena Sph 1% Cpy							10.33	
36	80	✓		✓						10% GALENA WITH SPHALERITE AS NEAR MASSIVE CLOTS AND DENDRIDITIC FRAC FILLING & CPY			36					192656	36.6		40 F		36.5
	5	✓	✓	✓						VEIN FAIRLY CLEAN WITH EXCEPTION OF STOCKWORK LS HORST. 35.15 - 35.75								192657	38.0			0.04	
38										BOTH CONTACTS IRREGULAR - PARTIAL ASSIMILATIONS AT ≈ 30°			38					192658	39.0			0.02	
	40	✓	✓	✓						26.65 - 38 WK - FOLIA & X CUTTING QTZ CARB.														
	10	✓	✓	✓						38 - 38.35 3 X 1-4CM QTZ DOL ≈ PARALLEL FOLIA														
40	40	✓	✓	✓						WITH REMAINDER MAINLY TENSION CROSS VALETS.			40					192659				0.01	Box 6
	20	✓	✓	✓						38.35 - 39.0 HIGH DENSITY QTZ CARB - BRECCIATED									41.0		45 F		
	15	✓	✓	✓						STOCKWORK BRECCIA.												45 F		
	5	✓	✓							39 - 41.0 MAJORITY OF SUBPARALLEL FOLIA VEINING									41.55					
42	10	✓		✓						APPEARS AS TAILED BOUDINY SEGMENTS.			42					192660				0.02	42.
										41 - 42.9 FAIRLY UNIFORM LAYERED WITH VAST									42.6		45 F		
										MAJORITY OF VALETS FOLIA PARALLEL.														
44	3	✓	✓							41.55 - 42.45 5 X 1-2 Cm QTZ DOL ≈ PARALLEL FOLIA.			44											
										42.9 - 46.1 TIGHT MINOR FOLDS - COMPRESSION ZONE - MINOR TENSION CROSS VALETS.														

CASING ELEV. : GROUND ELEV. : PAGE No. 4 OF 6

COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER : 00 GDD-05

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FACHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY

COMMENTS:

AVG. CORE RECY/HOLE

DESCRIPTIVE GEOLOGY

SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb)	BO #
	46					192912	46.0			35 F	0.01	Box 7
						192913	47.4				0.09	47.7
	48			QSC		192914	48.0				1.61	
						192915	48.55				0.03	
						192916	49.55				0.15	Bot 8
	50		5-7% IN ARG HOSTS			192917	50.8			85 F	0.38	
						192918	52.6			55 F	0.07	53.4
						192919	53.95			50 F	0.13	
	56					192920	55.55				0.02	Bot 9
						192921	56.3				0.03	
	58					192922	58.0			75 F	0.06	58.
						192923	59.1				0.04	
	60											

46.1 - 50.8 BRECCIA VEIN: CREAMY WHITE SUBROUNDED FRAGMENTS IN LIGHT BLUISH GREY MATRIX. V. FEW DOLOMITE CLUSTERS BEFORE BOTTOM CONTACT.

46.1 - 46.4 STOCKWORK - MILL BRECCIA 70% LS.

46.4 - 47.4 LS HORSTS AND FRAGMENTS.

47.4 - 50.8 PURTIC ARG HORSTS. 5-7% PY MAINLY IN VNLETS WITH A FEW SUBHEDRONS

48.05 2CM 60% SULFIDE "MATRIX BAND" AROUND QTZ FRAGS ; - ARG - VN CONTACT. 5mm STRINGERS IN CONTACT ARG ZONE (10 Cm) OF NEAR SOLID PY. SLIP FOLDS IN ARG GRAPHITIC.

50.8 - 52.6 MASSIVE ARG WITH MINOR SILT BANDS. MAJORITY OF VEINS SUBPARALLEL QTZ - DOL - 20% Dol CLUSTERS.

52.6 - 53 - WK SHEAR BRECCIA. QTZ AND ARG FRAGS

53.0 - 53.4 WK SHEAR QTZ - DOL VEIN.

53.4 - 55.55 "EXTENSION ZONE?" ARG - HORSTS SHOW PRONOUNCED STRETCHING IN FOLIA AND SUBHEDRONS PRESSURE SHADOWS.

55.55 = 60.4 QTZ - DOL VEIN. 10 - 15% CLUSTERS YELLOWISH BROWN DOLOMITE. 5% BLACK ARG FRAGS & FRAG FILLING

56 - 58 40% HORSTS - MAINLY 56.2 - 56.9. HORSTS BEING NON FIZZ SILICIFIED LS? OR SILT? WITH FINE YELLOWISH DOLOMITIC OVERPRINT. AFTER 58 ARG HORSTS.

60.4 - 61 MOD DENSITY - MILD BANDING & SEGMENTED QTZ - DOL VNLETS IN ARG.

CASING ELEV : GROUND ELEV. : PAGE No. 5 OF 6 00GDD-05

COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER :

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FELSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/VN	MINERALS/SEPTA	GEOLOGY	COMMENTS:	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL & CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb)	BO
										DESCRIPTIVE GEOLOGY													
60										61 - 67.75. ARG. - FAIRLY UNIFORM - DISTINCT FOLIA WITH WK TURBIDITE LIKE FOLDING & SEGMENTING - CLASTS RELATIVELY COARSE & WARPED. NUMEROUS Py SURFACES. VERY MINOR Y-CUTTING HAIRLINE VEINLETS.								60.4				40.01	
	10	✓		✓													192677	61.0			45		
62													62								F		Bot
										67.45 - 67.75. WK MYLONITIC BRECCIA CONTACT ZONE.													10
	IR																				40		
64													64								F		64.5
										67.75 - 90.53 ARGILLACEOUS LIMESTONE TYPICAL - NUMEROUS FOLIA ANGLE VARIATIONS AND RESULTING COARSE FRAGMENTAL LOOK - MAJORITY OF FOLIA AT LOW ANGLE < 20° TO AXIS. SLIGHTLY LESS ≈ 3% ARG COMPONENT.													
66													66										
										67.75 - 68.45. VEINLET - WK STOCKWORK & 4 CM Bx CONTACT ZONE.								67.45			45		Bot
																	192678				F	0.01	11
68	20	✓		✓						68.8 - 70. QTZ CARB VEIN - WHITE - VAGUE FRAG FABRIC - WK FIZZ - UNDULATES ALONG AXIS.			68					68.0				0.01	
	5	✓	✓							70 - 76.9. MAJORITY OF VEINING SUBPARALLEL 1-2 cm WK FIZZ QTZ DOL WITH FEW Y-CUTTING QTZ-CARB STRINGERS.								192679	68.8			0.01	
																	192677					0.01	
70	60	✓	✓										70					70.0			80		70.
	do	✓	✓							73.1 - 73.9 WK ARG Bx ZONE. TRACES FINE DISSEMINATED PYRITE.											F		
										AFTER 76 ARG COMPONENT BACK IN 10% RANGE											60 30		
72													72								F		
	10	✓	✓																		B 74		
74													74								F		
																					85		
																					F		

CASING : EV : GROUND ELEV. : PAGE No. 6 OF 6

COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER : 0060D-05

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS:	AVG. CORE RECY/HOLE
										DESCRIPTIVE GEOLOGY	
76	10									76.9 - 77.57 BRECCIA - LS FRAGS IN WK FIZZ WHITE QTZ-CARB MATRIX	
	40	✓		✓						77.57 - 79.2 STKWORK TO FOLIA	
78	35	✓		✓						79.2 - 88.6 MAJORITY SEGMENTED FOLIA TYPE WK-FIZZ 2-5 CM. RELATIVELY UNIFORMLY DISTRIBUTED. GENERALLY WK CROSSCUTTING AND MINOR HAIRLINE TENSION VEINLETS.	
80											
										88.6 - 89.6 VEIN "BRECCIA" WHITE QTZ-DOL LOW FIZZ WITH ASSIMILATED LS FRAGMENTS. GRADING INTO 89.6 - 90.53 (EOH) WHICH IS A MOD HEMILOBIES MYLONITIC BRECCIA.	
82											
	10	✓	✓	✓						90.53 EOH	
84											
86											
	40	✓	✓	✓							
88	7	✓	✓	✓							
	50	✓	✓	✓							
90	35	✓	✓	✓							

DEPTH (M)	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	RQD	OTHER SX.	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppm)	BQ
76		76						76.9			30 F 60 F		75.6
							192678	77.57		Bt		<0.01	
78		78					192679	79.2		Stk	60 B 40 F	0.02	Box 13
80		80									25 F		80.9
82		82											
84		84									40 25 F F		Box 14
86		86									20 F		86.5
88		88						88.6					Box 15
							192680	89.55				<0.01	
90		90					STD					0.02	90.5

90.53

00 GDD- 05

SAMPLE #	FROM	TO	LENGTH	DESCRIPTION	Au		Ag		Cu		Pb		Zn			
					PPb	gm	PPM	gm	PPM	%	PPM	%	PPM	%		
-192648	8.23	9.7		MUD & FRAGS:												
649	9.7	10.5		20% VNS												
192650	10.5	12.0		WK VNS W/ SULFIDES												
651	12.0	13.7		" "												
192652	13.7	14.33		VN & HOST.												
192653	21.0	23.0		Py												
192654	32.6	33.6		SHEAR BX												
655	33.6	34.8		VEINING												
656	34.8	36.6		SULFIDE IN VEIN												
657	36.6	38.0		HOST												
658	38.0	39.0		STOCK WORK												
192659	39.0	41.0		VEINING												
192661	41.55	42.60		QTZ DOL VNS.												
192662	46.0	47.4		VN IN LS												
663	47.4	48.0		VN IN ARG.												
664	48.0	48.55		BX VN W/ SULFIDES												
665	48.55	49.55		VN IN ARG												
666	49.55	50.8		VN												
667	50.8	52.6		ARG												
668	52.6	53.95		VNS IN SHEAR ARG												
669	53.95	55.55		VNS IN ARG												
192670	55.55	56.3		VN.												
671	56.3	58.0		VN W/ SIL LS HOSTS												
192672	58.0	59.1		VN & ARG.												

SAMPLE #	FROM	TO	LENGTH	DESCRIPTION	Au		Ag		Cu		Pb		Zn			
					PPb	gm	PPm	gm	PPm	%	PPm	%	PPm	%		
192673	59.1	60.4		VN												
192674	60.4	61.0		VN IN ARG.												
192675	67.45	68.0		CONTACT												
676	68.0	68.8		LS												
192677	68.8	70.0		VEIN.												
192678	76.9	77.57		BX												
192679	77.57	79.2		STOCKWORK.												
192681	88.6	89.55		STOCKWORK.												
192682	89.55	90.53		MY BX												
192660				STANDARD A												
192680				STANDARD A.												

DD GDD-05

BLOCKS		RECOVERY			ROD		PHOTO
FROM	TO	INTERVAL	ACTUAL	%	LENGTH	%	ROLL / PRINT
7.01	8.28		RUBBLE.				3 - #4 Boxs 1-3 7.01 - 25.80
8.23	11.28	3.05	2.40	79	1.65	54	
11.28	14.33	3.05	2.25	74	1.36	45	
14.33	17.37	3.04	1.77	58	1.04	34	
17.37	20.42	3.05	1.71	56	0.43	14	
20.42	23.16	2.74	2.34	85	1.18	50	
23.16	25.60	2.44	2.15	88	1.22	57	
25.60	27.13	1.53	1.50	98	1.12	73	3 - #5 Boxs 4-6 25.80 - 42.1
27.13	29.57	2.44	2.37	97	1.62	66	
29.57	32.61	3.04	2.85	94	1.30	43	
32.61	35.66	3.05	3.05	100	2.13	70	
35.66	38.71	3.05	3.09	101	3.07	100	
38.71	41.76	3.05	3.04	100	2.35	77	
41.76	44.81	3.05	3.05	100	2.35	77	3 - #8 Box 7-9 42.1 - 58.9
44.81	47.85	3.04	3.05	100	1.73	57	
47.85	50.90	3.05	2.71	89	1.66	54	
50.90	53.95	3.05	2.95	97	2.15	70	
53.95	57.0	3.05	3.05	100	1.47	48	
57.0	60.05	3.05	3.05	100	1.82	60	
60.05	63.09	3.04	3.10	102	1.86	61	3 - #7 Box's 10-12 58.9 - 75.65
63.09	66.14	3.05	3.0	98	2.83	93	
66.14	69.19	3.05	2.87	94	2.07	68	
69.19	71.32	2.13	2.26	106	1.80	85	
71.32	74.37	3.05	3.05	100	2.13	70	
74.37	77.42	3.05	3.05	100	2.15	70	
77.42	80.47	3.05	3.05	100	2.30	75	

00 GDD - 05

BLOCKS		RECOVERY			RQD		PHOTO
FROM	TO	INTERVAL	ACTUAL	%	LENGTH	%	ROLL / PRINT
80.47	83.52	3.05	2.95	97	1.38	45	3 #6
83.52	86.56	3.04	2.95	97	2.10	69	Box 13 - 15
86.56	89.61	3.05	3.05	100	3.0	98	75.65 - 90.53 EOH
89.61	90.53	0.92	0.87	95	0.53	58	
8.23	90.53	82.3	76.92	93.5			

CASING C EV : GROUND ELEV. : DATE :

COOR ES : 562 N. 557 E FINISHED : 22 SEPT 2000

INCLINATION : -45 AZIMUTH : 200 TOTAL DEPTH : 81.38

PAGE No. 1 OF 6

REF. TO CLAIM CORNER : 00GDD-06

LOGGED BY : Robert & Ted

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS:	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb)	SG
										DESCRIPTIVE GEOLOGY	96.7													
0										0 - 5.79 CASING														
										5.79 - 6.0 RUBBLE														
2													2											
4													4											
6													6											5.7
										6.0 - 18.2 PYRITIC ARGILLITE. THIN LAMINATED - MASSIVE - UNIFORM FOLIATED COMPETANT - USUAL FINE CLAST CARB WITH & WITHOUT Py IN FOLIA AS WELL AS USUAL COARSE PYRITE SUBHEDRONS ONLY TRACES GRAPHITE.															
8													8											
	1									SMALL 1CM BRECCIA VEINS ALONG AXIS AT 10.9 - 11.28 & 16 - 16.3 MINOR AMOUNT 1MM X-CUTTING STRINGERS.														
10													10											Box 1
	5									17.55 - 18.0. THIN BANDED - CALCAREOUS. 4Cm Bx 17.65. TR Py IN CARB FOLIA. NO CRASTS.														11.5
12										18 - 18.2 LIMY - MOD FIZZ - WK STOCKWK			12											
	1									18.2 CONTACT SHARP - FRIAB PARALLEL FOLIA AT 30°														
14													14											
15													15											

CASING C EV : GROUND ELEV. : PAGE No. 2 OF GDP-06

COORL. ES : N. E. DATE FINISHED : REF. TO CLAIM CORNER :

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	2PY	OTHER SX.	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/t	BO
16										18.2 – 37.9 HIGH STRAIN BRECCIA ZONE: VARYING CONCENTRATION OF WHITE - LOW → NO FINE QTZ CARB AND MINOR BLUEISH GREY QTZ CARB VEIN FRAGMENT ALONG WITH LS FRAGMENT WITH A HIGHLY CONTORTED ARGILLACEOUS GROUNDMASS. ABUNDANCE OF TIGHT FOLD AND TENSION GASH FEATURES. WEAKLY GRAPHITIC - AVERAGE 3% BY USUALLY AS LOCAL HIGHER CONCENTRATIONS NO APPARENT VEINING AFTER LAST PERIOD OF DEFORMATION % VEIN COLUMN IS WHITE COLOUR INDEX. 22.6 - 23.75. LESS INTENSE STRAIN ? MOD. 23.75 - 25.5 MOD STRAIN AS ABOVE WITH COARSE LIMY SECTIONS OR FRAGMENTS SHOWING ONLY WEAK DEFORMATION. 25.5 - 28.9 MOD STRAIN AS 22.6 - 23.75. 28.9 - 33.3 WK STRAIN - FAIRLY TYPICAL ARGILLITE WITH SLIGHTLY MORE APPARENT STRAIN SHADOWS AROUND CLASTS SLIGHTLY HIGHER PERCENTAGE OF TENSION GASH FEATURES. 33.3 - 34 MOD STRAIN NE SHEAR - TURBIDITE BANDING → WK MYLONITIC.			16																		
18	7												18					192609	16.0				0.03	17.1
20	30												20					192610	17.55		30 F		0.02	
22	5												22					192611	18.2				0.04	
24	15												24					192612	20.0				0.02	
26	5												26					192613	22.0				0.01	23.
28	3												28					192614	24.0				0.02	
30	7												30					192615	26.0				0.03	
	3																	192616	28.0		20 F		0.01	28.
	5																							
	2																							

CASING C ... EV : GROUND ELEV. : PAGE No. 3 OF 6

COORD...ES : N. E. DATE FINISHED : REF. TO CLAIM CORNER : 006DD-06

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS:	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt	BO
										DESCRIPTIVE GEOLOGY														
32	2												32					192617	30.0			35-40 F	0.02	
	5																		32.0				0.01	Box 5
34	3									34-35 WK SHEARED "LOOK" - ALTHOUGH WK FRACTURED UNIFORM FOLIATED. WK-MOD GRAPHITIC.			34					192618	34.0			30 F		34.1
										35-36 MOST LOST - SHALEY FERGS & CONSOLIDATED GOUGEY MATERIAL REMAIN.								192619	35.0			0.01	
36										36-37.2 HIGH STRAIN - PS 18.2-20 -			36					192621	36.0			0.07	
	30									37.2-37.9 12 CM VUGGY QTZ IN BLACK GRITTY GRAPHITIC GOUGE								192622	37.2			0.34	
38	25 2 5									37.9-38.35 WK SHEARED "LOOK" - SIMILAR TO 34-35			38					192623	37.9			0.05	Box 6
	20									38.35-39.8 MYLONITIC WITH QTZ FOL UN 39.6-39.8 STRAIN ZONE GENERALLY WEAKLY FRACTURED WITH MAJORITY > 50° AND CONCOIDAL OR BRITTLE "HANDLING" BREAKS												0.04	
40	15									39.8-40.85 MOD MYLONITIC ZONE - CRENULITED BUT FAIRLY UNIFORM. MINOR X-CUT VNLETS			40						40.0					40.5
	3									37.9-47.27 ARGILLITE.														
42	1									40.85-45.35 V. THIN LAYERED ALMOST MASSIVE "TIGHT" UNIT - INDISTINCT FOLIA			42											
	4									WEAK - MODERATELY CALCAREOUS WITH FEW COARSE LS FRAGMENTS (40.6-41. & 44-45 EX)									43.3			55 B		
44	15									1% LOCALIZED PYRITE SUBHEDEONS & LOCAL SECTIONS EXHIBITING CARBONATE ALAST			44					192625					<0.01	
																			45.35					

CASING ELEV : GROUND ELEV. : PAGE No. 4 OF

COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER : 00600-06

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS:	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX.	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt	BO #
										DESCRIPTIVE GEOLOGY														
46	7									43.3 - 45.35 15% BOUDINU QTZ-DOL AT LOW ANGLE TO AXIS. 45.35 - 47.27 MORE TYPICAL WAVY FOLIATED VARIETY WITH BOUDINY VEINING AND CLASTS WITH MAJORITY EXHIBITING STRAIN & STRETCHING FEATURES.			46												
48	15												48					47.0						
	5									47.27 - 64.44 ARGILLACEOUS LIMESTONE. CONTRAST IN A VEINLET ZONE BUT BASICALLY JUST GOES FROM BEING ARGILLITE TO BEING LS WITH A FEW ARGILLACEOUS BANDS								829261	47.75				0.02	
50	30												50						49.8					
	2																	829271	50.2				0.02	
	10									47-27 - 52 FOLIA ANGLES SHOW A WIDE DISJOINTED ARRAY WITH LOCAL SECTIONS OBVIOUS BRECCIA - SUSPECT COARSE LS FRAGS WITHIN ARGILLACEOUS PLANES.														
52	3									16.8 - 49.1 QTZ DOL BOUDINS IN CRENULATED ARG AND LS FOLLOWED BY 40% QTZ-DOL VEIN AND STRINGER ZONE TO 50.2 TRACE DIRTY PY BANDS IN ARG.			52												
54													54					829281	53.95				0.05	
	15									AFTER 52 GENERAL FOLIA TREND EXHIBITED DUE TO ARG BANDS - LS GENERALLY MASSIVE SHOWING ONLY VAGUE FOLIA.														
56	3									53.95 - 55.9 STOCKWORK - LOCAL BRECCIA ZONE. 15% QTZ-CARB. 10% OF SECTION CRENULATED ARGILLACEOUS OR ARG FRAGMENTS. TR PYRITE IN ARG.			56												
	10						3												55.9					
58	7						6			57. - 59.7 SLIGHT GREENISH GREY COLOURATION WITH UNIFORM DISTINCT FOLIA. CALCAREOUS SILT UNIT ? FINE GRAINED SPECKLED GREY AND VERY FINE GRAINED DARKER INTERBANDS			58												
							14												58.65					
60													60					829291	59.7				0.02	

F 35

F 35

F 35

CASING : ELEV : GROUND ELEV. : PAGE No. 5 OF 6

COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER : 00GDD-06

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FVCH SITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS/SEPTA	GEOLOGY	COMMENTS:	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX.	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt	BC #
										DESCRIPTIVE GEOLOGY														
										58.65 - 59.7 WK - MOD STOCKWORK TO 59.3 WITH OPEN XTALINE VUGS FOLLOWED BY WK BOUDINY VN ZONE.								192230	60.15			0.02	
10																			61.1					
7																						50-60 F		
62 60										59.7 - 64.49 ARGILLACEOUS LIMESTONE.			62											
5										60.2 - 60.36 & 60.8 - 61.0 STOCKWORK BRECCIAS 40% QTZ CARB - CONFORMABLE TO FOLIA NVS.												60 F		63.1
10																			63.7					
64 40										63.15 - 63.7 5% TENSION CARB VNLETS			64					192231				45 F	0.01	
3 10										63.75 - 64.49 1x 14cm & 1x 7cm QTZ DOL PLUS ASSESORIES. NVS.														
2										64.49 - 81.38 ARGILLITE									65.2					
66										64.49 - 65.2 MOD MYLONITIC - UNIFORM.			66						65.9					
20										65.2 - 65.9 UNIFORM (AS FINE AS ARG GOES)								192232					0.04	
5										65.9 - 67.15 BRECCIA WITH DECREASING INTENSITY DOWNWARDS.									67.15					
68													68						68.0					
20										67.15-67.65 FINE MASSIVE GRENULATED								192233	68.7				0.04	
										67.65 - 68.45 MYL-BRECCIA - CONTAINS COARSE FRAG INTERBANDED ARG - SILTSTONE.														
5										68.45 - 72.2 THIN LAYERED - TIGHT FOLDED GRENULATED.			70									50 F		
70										72.2 - 73.3 UNIFORM.														
										73.3 - 74.45 INTERBANDED WITH CALC SILTS. FAIRLY UNIFORM FOLIA.												50 F		
72 2										74.45 - 75.2 CLOSED ANTIFORM AND FRAGS AT LOW ANGLE CENTRED BY MYL BRECCIA ALONG AXIS.			72									50 F		
										75.2 - 76 UNIFORM												35 F		
74										76 - 79 GRENULATED TO MYLONITIC BRECCIA.			74									50 F		74.4
										76.33 - 78 50% QTZ DOL VNS.														

CASING C EV : GROUND ELEV. : DATE : PAGE No. 6 OF 6

COOR ES : N. E. FINISHED : DD GDD-06

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

REF. TO CLAIM CORNER

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/t	BO #
76	3									78-78.2 STOCKWORK ZONE IN TOTALLY SILICIFIED LS FRAG.			76						76.0					
	60									78.2-78.6 70% QTZ DOL IN GRAPHITIC MTX.								192634						
										78.6-79.05 MYL-BX									76.8				0.06	
	5									79.05-80 INTERBANDED MTX & SILTS.					6			192635					0.09	
78										GRAPHITIC - MINOR OFFSETS AND SEGMENTING			78						77.9					
	40									80-80.9 QTZ DOL WITH ASSIMILATED FRAGS LS? GRAPHITIC FRAC ALONG AXIS. FRAGMENT?								192636					0.11	BOX 11
	5																		79.05					79.9
80										80.9-81.38 INTERBANDED ALONG AXIS			80						80.0					BOX 12
	40									76.8-77.9 SEVERAL PY BANDS & CLOTS								192637					0.16	
81.38	5									81.38 EOH.									81.0					81.3 EOH

00GDD-06

SAMPLE #	FROM	TO	LENGTH	DESCRIPTION	Au		Ag		Cu		Pb		Zn			
					PPb	gm	PPm	gm	PPm	%	PPm	%	PPm	%		
-192609	16.0	17.55		ARG.												
610	17.55	18.20		CALC ARG												
611	18.2	20.0		HIGH STRAIN BX												
612	20.0	22.0		"												
613	22.0	24.0		"												
614	24.0	26.0		"												
192615	26.0	28.0		HIGH STRAIN BX												
616	28.0	30.0		LOW STRAIN												
617	30.0	32.0		LOW STRAIN												
618	32.0	34.0		MOD STRAIN												
192619	34.0	35.0		WK SHEAR ARG												
192621	35.0	36.0		QTZOSE SHEAR												
622	36.0	37.2		HIGH STRAIN BX												
623	37.2	37.9		JUGGY QTZ VEIN & GOUGE												
192624	37.9	40.0		MYLONITIC & VN												
192625	43.3	45.35		MYLONITIC												
192626	47.0	47.15		ARG. LG CONTACT												
192627	48.8	50.2		20% VN												
192628	53.95	55.9		STKWRK - BRECC'D												
192620	NO	TAG		STANDARD B												

SAMPLE #	FROM	TO	LENGTH	DESCRIPTION	Au		Ag		Cu		Pb		Zn			
					PPb	gm	PPm	gm	PPM	%	PPM	%	PPM	%		
192629	58.65	59.7		WK VUGGY STKWK.												
192630	60.15	61.1		BRECCIA 2x 0.2m												
192631	63.7	65.2		VN's CONTACT.												
192632	65.9	67.15		MYL BX												
192633	68.0	68.7		VN's STR.												
192634	76.0	76.8		VN's MYL												
635	76.8	77.9		PY												
192636	77.9	79.05		VN-Bx's STOCK FRAG												
192637	80.0	81.0		QTZ-DOL LS FRAG?												

00 GDD - 06

BLOCKS		RECOVERY			ROD		PHOTO
FROM	TO	INTERVAL	ACTUAL	%	LENGTH	%	ROLL / PRINT
6.0	8.23	2.23	1.9	85	1.0	49	
8.23	11.28	3.05	2.67	88	1.95	64	2 - 6
11.28	14.33	3.05	3.0	98	2.18	71	Boxs 1 - 3
14.33	17.37	3.04	3.0	98	2.20	72	5.79 - 23.1
17.37	20.42	3.05	3.07	101	2.10	69	
20.42	23.47	3.05	3.09	101	2.48	81	
23.47	26.52	3.05	3.01	99	2.34	77	2 - 5
26.52	29.57	3.05	3.17	104	2.28	75	
29.57	32.61	3.04	3.05	100	1.61	53	Boxs 4-6
32.61	35.66	3.05	2.30	75	1.83	60	23.1 - 40.57
35.66	38.71	3.05	2.55	84	1.02	33	
38.71	41.76	3.05	3.05	100	2.35	77	
41.76	44.81	3.05	3.05	100	2.55	84	2 - 7
44.81	47.85	3.04	3.02	99	2.86	94	
47.85	50.90	3.05	3.04	100	2.23	73	Boxs 7 - 9
50.90	53.95	3.05	2.75	90	2.32	76	40.57 - 57.83
53.95	57.0	3.05	3.15	103	2.18	71	
57.0	60.05	3.05	3.0	98	2.27	74	
60.05	63.09	3.04	3.0	98	1.72	56	2 - 8
63.09	66.14	3.05	3.01	99	2.43	80	
66.14	69.19	3.05	3.1	102	2.18	71	Box 10 - 12
69.19	72.24	3.05	2.9	95	2.40	79	57.83 - 74.45
72.24	75.29	3.05	3.0	98	1.93	63	
75.29	78.33	3.04	3.0	98	2.20	72	2 - 9
78.33	81.38	3.05	2.98	98	1.75	57	Box's 13 & 14
							74.45 - 81.38
TOTAL		75.38	72.86	96.7			

CASING ELEV : GROUND ELEV. : PAGE No. 1 OF 6

COORDINATES : 563.75 N. 522 E. DATE FINISHED : 23 SEPT 2000 REF. TO CLAIM CORNER : 00GDD-07

INCLINATION : -45 AZIMUTH : 200 TOTAL DEPTH : 90.53 LOGGED BY :

AVG. CORE RECY/HOLE 97.9%

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	XPY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt	BK
										0-2.13 CASING.													
2										2.13 - 5.49 RUBBLE (INCLUDES FRAG OF HIGH GRADE GIDLEA)		2											2.1
4												4											Rock
										5.49 - 8.9 SILTY ARGILLITE 30% YELLOWISH DOLOMITIC? SILT LAYERS AND BOUDINY EYES GIVING CRENULATED MINOR FOLDED FABRIC - VARIABLE FOLIA ANGLES - V. VF FRACTURED.											V. WK X-CUT FOLIA TREND	5A
6	5	✓		✓								6											
	2	✓		✓						7.5 - 8.9 1cm BOUDINY QTZ-DOL ALONG AXIS SPIRAL 3% Py CONTENT WITHIN CLASTS AND SURHEDRONS.											10 30	Bed 1
8	15	✓		✓						8.9-13 ARGILLITE. FAIRLY MASSIVE - WK FOLIATED. 10% SILT LAYERS SEVERAL LS FRAGMENTS.		8											
										13 - 19.9 MUDSTONE - MAUVISH HUE - SAME COMPOSITION AS ARG AND WITH USUAL CARB/Py CLASTS & SUBHEDRONS - VERY VAGUE FOLIA AND CLASTS MAINLY ROUNDED SHOWING VIRTUALLY NO ALIGNMENT OF STRETCHING.											No FOLIA SLIPS	
10	3	✓		✓								10											10.4
12										MINOR HAIRLINE X-CUTTING STRINGERS. 14.0 - 14.43? QTZ-DOL VN 10% BLACK FERMS CONTAINING Tr Py. NVS IN QTZ.		12											
14	90	✓		✓								14				172683		14.0 14.43				<0.01	
	1																						

CASING C EV : GROUND ELEV. : DATE :

COO. TES : N. E. DATE FINISHED :

INCLINATION : AZIMUTH : TOTAL DEPTH :

REF. TO CLAIM CORNER :

LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FINE SILICIFICATION	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS/SEPTA	GEOLOGY	COMMENTS:	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX.	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt	BX
										DESCRIPTIVE GEOLOGY														
16										17 - 17.37 LS FRAGMENTAL. 30% SUBANGULAR LS FRAGMENTS TO 3cm IN WK MYLONITIC ARG GROUNDMASS. CONTACTS SHOW WK STRAIN AND UPPER CONTACT GRADUAL SIZE SORTING OF LS FRAGS OVER 10 Cm. (16.9-17)			16												Box 2 16.
18	1	✓	✓										18											Box 3
20	3	✓	✓							19.9 - 31.88 (34.18) ARGILLITE BECOMING PROGRESSIVELY MORE LS FRAGMENTAL. 19.9 - 20.5 GRADUAL INCREASE IN FOLIA'S ALIGNMENT OF CLASTS. STILL GENERALLY WK. AT ≈ 20° TO AXIS.			20						20.5					
22	30	✓		✓						20.5 - 22 SILTY ARG. - SEGMENTED "TUFFITE" FABRIC. 30% BOUDINY QTZ-DOL 1-2 Cm ALONG AXIS. WITH 5% X CUTTING AND TENSION VALLETS. WK			22					19284	21.9			As 5-15	0.01	21.8
	25	✓		✓														19285					0.02	
24										22 - 31.88 LS / ARG FRAGMENTAL 5 → 30% SUBANGULAR NON ALIGNED LS FRAGS IN A WEAK → MOD FOLIATED ARG GROUNDMASS. VARIABLE FOLIA ANGLES AND SEGMENTING. BUT RARE COMPRESSIVE FEATURES.			24						23.3					Box 4
26	3	✓	✓							21.95 - 23.3 QTZ-DOL VEINING AT ALOTE ANGLE TO AXIS 50-80° 1-5 Cm VEINS HAVE VAGUE SECONDARY BLUE GREY LOOK & CONTAIN RARE SPECK PY.			26											27.
28										23.3 - 29.8. FEW "WANDERING" BOUDINY < 1Cm. GENERALLY ALONG AXIS AND SEVERAL ISOLATED SEGMENTS OR FRAGS OF QTZ-LARB (MOD FIZZ)			28											
30	10	✓		✓						29.8 - 30.4 5Cm QTZ DOL AND "FINGERS" ENCOMPASSING TENSION CASHED LS FRAG.			30						29.8					

CASING C ...EV : GROUND ELEV. : E : PAGE No. 3 OF

COOR...ATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER : 0066D-07

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS/SEPTA	GEOLOGY	COMMENTS:	AVG. CORE RECV/HOLE	SHEAR	DRILLING INTERVAL & CORE RECOVERED	XPY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt	Bo
										DESCRIPTIVE GEOLOGY								29.8					
																192	686	30.4				0.65	
	2	✓	✓							31.88 - 34.18. QTZ-DOL VEIN. 20% ARG-LS AND ARG/LS FRAGMENTS - BLACK ARG? FRAG FILLING TO 32.6 WHITE WITH YELLOWISH DOL CLUSTERS NVS IN QTZ. CONTACTS "FINGERED"							192687	31.88			<0.01	Bo
32													32										5
	70	✓		✓						INTO BOUDINY SEGMENTS OVER 10 CM. VEIN LOCATION APPEARS COINCIDENTOL TO CONTACT RATHER THAN EMPLACED AT ~ 32.3 CALENA CHALCOPYRITE SHOW WHEN SPLIT.							192688				0.09	33.2
34													34										
	3	✓	✓							34.18 - 43.8 ARGILLACEOUS LIMESTONE.								34.88					
	30	✓		✓						FAIRLY TYPICAL. WK-MOD IRREGULAR FOLIA							192689	35.4				0.01	Bo
36										ANGLES. ALTHOUGH OVERALL GENERALLY ~ 30°			36										6
	5	✓	✓	✓						CONTAINS FEW SMALLER FRAGS INDICATING OVERALL COARSE FRAGMENTAL.													
										36.27 - 37.15. TURBIDITE FARRIC CALCSILT/ ARGILLITE BAND. GENERAL CONFORMITY													
38	10	✓		✓						WITH OVERALL FOLIO.			38										38.7
	3	✓		✓						37.15 - 39.5 MYLONITIC LS FRAGMENTAL IN 40% ARG. 2 CM BOUDINY QTZ-DOL AND													
40	3	✓		✓						SEGMENTS ROUGHLY PARALLEL AT LOW ANGLE			40				192690	40.0				<0.01	
		✓		✓						SMALLER LS FRAGS SUBROUNDED; SOME COMET							192691	41.0					
	60	✓	✓							SHAPED WITH TAILS. AFTER 39.7 MORE							192692	41.76				<0.01	Bo
42	5	✓	✓	✓						PRONOUNCED MYLONITIC AND LESSER QTZ			42				192693	42.6				<0.01	7
										39.5 - 39.7 FOLIA GOES FROM 20° TO 40°													
	4	✓	✓							39.5 - 43.8 FAIRLY UNIFORM INTERBANDED LS ± ARG (20%)							192694	43.8				<0.01	
44										39.5 - 41 3 x 1-2 Cm QTZ DOL SUBPARALLEL.			44										
										41 - 41.1 QTZ DOL													
	60	✓		✓						41.35 - 41.76. BULL QTZ INJECTED INTO A MORE TALLY WHITE FRAGMENTAL TEXTURED QTZ CARB (MOD ±22)												0.06	44.6

CASING ELEV : GROUND ELEV. : E : PAGE No. 4 OF 06GDD-07

COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER :

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	AVG. CORE RECY/HOLE

COMMENTS:

DESCRIPTIVE GEOLOGY

SHEAR	DRILLING INTERVAL % CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt	Bo
						44.75					
					192695	45.8				0.13	
	46				192696	46.7				0.11	
					192697	47.8				0.15	
	48				192698	49.1				0.02	Bo 8
					192699	50.13				0.12	
	50				192701	50.6				0.27	50
					192702	51.5				0.12	
	52				192703	53.0			45 to // F	0.09	Bo
	54										
		10									55
	56					56.63					
					192704	57.15				0.05	
	58										
						59.25					
	60				192705	60.0				0.05	

42.3 4 cm SHEAR @ 20° TO AXIS AND SUBSCUTTING FOLIA @ 20°

42.6-42.8 QTZ. LINES FRACTURE VEIN.

HOST 42.3-43.7 BASICALLY AS PREVIOUS STOCKWK BRECCIA WITH FEW LATE STAGE TENSION FILLINGS X-CUTTING ALL.

43.8-51.5 QTZ-DOL VEIN ZONE AND LS-ARGILLITE CONTACT: MAINLY WHITE BULL QTZ WITH 10% YELLOW ARGILLITE DOLOMITE CLUSTERS. MAJORITY OF VEIN SHOWS NE-MOD CRACKLE WITH BLACK ARG FF AND FRAGS. APPROXIMATELY 40% OF SECTION TO 49.5 COMPRISED OF ARG BANDS AND FRAGMENTS. AFTER 49.5 60% ARGILLITE.

49.85-49.95. GALENA FILLED DENDRITIC CRACKLE FRACTURE ZONE 40% GALENA @ 10CM ZONE ISOLATED SMALL PATCH FRAC FILLING SPHALERITE. REMAINDER SHOWS NVS WITH EXCEPTION OF FREE SPECK PY (USUAL 5% PY IN ARG)

48.4-48.7 SHEAR BRECCIA & GOUGE - SOME CORE LOSS.

49-49.5 FRAGS ARE SILTY ARG

49.5-49.7 SHEAR - CRUMBLY GOUGE & CORE LOSS.

50-50.15 GRANULAR DOLOMITE CLUSTER VEIN

MAJORITY OF SLIF FOLES IN ZONE ARE CRENULATED AND GRAPHITIC.

GENERAL FOLIA TREND ≈ N 30°

AFTER 50.4 MORE LIKE DISCRETE VNS WITHIN THE ARG UNIT

CASING C EV : GROUND ELEV. : DATE :

COOI /ES : N. E. E FINISHED :

INCLINATION : AZIMUTH : TOTAL DEPTH :

REF. TO CLAIM CORNER : bo6DD-07

LOGGED BY :

COMMENTS:

AVG. CORE RECY/HOLE

DESCRIPTIVE GEOLOGY

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/H	MINERALS\SEPTA	GEOLOGY
	5	✓		✓					
	30	✓		✓					
	5	✓		✓					
62	90	✓	✓	✓					
	40	✓	✓						
64									
	15	✓	✓	✓					
66									
68									
	5	✓	✓						
70									
72									
	10	✓	✓						
74	3	✓	✓						
	7	✓	✓						

51.5 - 59.55 "FISH EYE" ARGILLITE

30% ROUNDED DARK DARK GREY PORPHYROBLASTS ALONG WITH 10% OF TYPICAL ELONGATE CARB-PY CLASTS AND SEVERAL COARSE (2cm) SUBHEDRONS IN A DENSE WKLY MYLONITIC ARGILLITE. EYES & CLASTS < 5mm.

VERY MINOR AMOUNT OF STRINGERS / 1-4 x 5mm - 5cm DISCRETE - ONLY MODERATELY IRRITIC VN AT VARIOUS ANGLES BUT ALL X-CUT FOLIA - V. WK FRACTURED

FISH EYE AS FRAGS IN VEIN BACK TO 49.7

52.0-52.2 5cm QTZ CARB FOLLOWED BY FRAGMENTS OF MEDIUM GREY SILICEOUS SILT.

56.65-57.15. 7cm QTZ FOLIA SUBPARALLEL FOLLOWED BY CRACKLED QTZ-DOL AT 10° TO AXIS.

AFTER 52 APPEARANCE OF FEW SILT BANDS AND VAGUE GHOSTY SILTY "TURBIDITE" OVERPRINTS

59.3-59.55 WK INCREASING SHEAR BRECCIA CONTACT TO WAVY GRAPHITIC SLIP AT 25° TO AXIS

59.55 - 61.35 QUARTZITE : FINE GRAINED & YELLOW SPECKLED ON FOUND - NO FIZZ BUT SUSPECT HIGHLY SILICIFIED META CALC-SILT. 1-2% FINE DISSEMINATED PY - WK ARSENITIC ON SLIPS. MAJORITY OF SECTION MODERATE INTENSITY STOCKWORK OF WHITE QTZ & QTZ-DOL.

60.5 BROKEN WITH FRAGS GRAPHITIC ARG & HOST. MINOR ARG BANDS AT 60 & 61

SHEAR	DRILLING INTERVAL % CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.
						60.0	
					192706	61.35	
	62				192707	62.0	
					192708	63.0	
	64				192709	64.6	
	66						
	68						
	70						
	72						
	74						

Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt	Box
	WK IRRATIZED FRACTURE 750°	0.03	Box 10 61.
		0.02	
SEGMENTED		0.01	Box 11
		0.02	
70% FOLIA 30 X-CUT	30 F		66.
	CENTERED WK		
MAJORITY FOLIA RESTRICTED UNIFORM MINOR X-CUTTING ALSO UNIFORM	30 F		Box 12
			72.2

CASING C ... EV : GROUND ELEV. : E :

COORDINATES : N. E.

INCLINATION : AZIMUTH :

DATE FINISHED :

TOTAL DEPTH :

PAGE No. 6 OF 6

REF. TO CLAIM CORNER :

LOGGED BY :

00GDD-07

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS/SEPTA	GEOLOGY
76	1	✓	✓						
78	2	✓	✓						
	10	✓	✓						
80	60	✓		✓					
82	7	✓	✓	✓					
84									
	3	✓	✓	✓					
86	30	✓		✓					
	2								
88	30	✓	✓						
90	5	✓	✓						

COMMENTS:

AVG. CORE RECY/HOLE

DESCRIPTIVE GEOLOGY

61.35 - 62.0 QTZ WITH 5% YELLOWISH DOLOMITE AND 10% CARB AND ARG FRGS AND FF AT CONTACTS.

62 - 64.6 ARGILLACEOUS LIMESTONE HIGH COMPRESSION TIGHT FOLDED SWIRL ZONE 40% QTZ CARB SEGMENTS. 1 X 1 cm X CUTTING (INTACT) AT 69.55 TRACE Py.

64.6 - 90.53 ARGILLACEOUS LIMESTONE. THIN LAYERED TO MASSIVE SEGMENTS. 5% ARG BANDS GENERALLY SHOWING MOVEMENT. LOCAL VARIATIONS IN FOLD BUT GENERALLY DUE TO UNDULATING ARG MOVEMENT PLANES AT LOW ANGLES <20° TO AXIS.

73.3 - 73.9 WK TENSION GASH ZONE.

75.2 - 76 WK HAIRLINE STOCKWORK

79.4 - 81.15 QTZ DOL ALONG AXIS NVS

81.15 - 83.7 80% OF VEINING QTZ - DOL 2 - 4 cm AND RELATIVELY DISCRETE

83.7 - 84 WK HAIRLINE STOCKWORK AS 75.2 - 76

85 - 87 WK ARGILLACEOUS MYLONITIC "SHEAR" UNDULATING ALONG AXIS.

85.7 - 86.5 30% OF SECTION QTZ. CARB - DOL VEIN SEGMENTS NVS

87.5 - 89 STOCKWK & SHEAR BECOMES WITH QTZ CARB VEIN SEGMENTS. MOD. HEM & GRAPHITE TR Py

90.53 EOH.

SHEAR	DRILLING INTERVAL	% CORE RECOVERED	RQD	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppm)	Bl
						192710	79.4			WK FRAC FEW SLIPS ALONG AXIS	0.01	Bo
							81.15			FEW >50		
						192711	85.7				0.02	Bo
							86.5					15
						192712	87.0				0.03	
							89.0					89.
												B.O.H. 16 90.5

00 GDD - 07

SAMPLE #	FROM	TO	LENGTH	DESCRIPTION	Au		Ag		Cu		Pb		Zn			
					PPb	gm	PPm	gm	PPm	%	PPm	%	PPm	%		
192683	14.0	14.45		QTZ VN												
				"												
192684	20.5	21.9		25% QTZ DOL												
192685	21.9	23.3		" "												
192686	29.8	30.40		10 CM QTZ DOL & HOST												
687	30.40	31.88		HOST												
688	31.88	34.18		VEIN W/GALENA CPY												
192689	34.18	35.4		HOST LS.												
192690	40.0	41.0		HOST.												
691	41.0	41.76		QTZ BRX & QTZ												
692	41.76	42.6		HOST												
693	42.6	43.8		STOCKWK QTZ BRXD												
694	43.8	44.75		VN & SULFIDES												
695	44.75	45.80		70% ARG.												
696	45.8	46.7		VN												
697	46.7	47.8		VN												
698	47.8	49.1		ARG SHEAR & VN												
192699	49.1	50.13		ARG " & HI DOLOMITE												
192701	50.13	50.60		VN												
702	50.60	51.5		50/50 ARG & VNS												
192703	51.5	53.0		3% VNING IN ARG												
192704	56.65	57.15		VEINS.												

SAMPLE #	FROM	TO	LENGTH	DESCRIPTION	Au		Ag		Cu		Pb		Zn			
					PPb	gm	PPm	gm	PPm	%	PPm	%	PPm	%		
192705	59.25	60.0		CONTACT												
706	60.0	61.35		SILT & STKWRK												
707	61.35	62.0		VEIN.												
708	62.0	63.0.		HOST.												
192709	63.0	64.6		HOST.												
192710	79.4	81.15		QTZ-DOL VN.												
192711	85.7	86.5		QTZ-CARB DOL VNS.												
192712	87.0	89.0		QTZ LEED Bx.												
192700				STANDARD A.												

DD GDD - 07

BLOCKS		RECOVERY			RQD		PHOTO
FROM	TO	INTERVAL	ACTUAL	%	LENGTH	%	ROLL / PRINT
0	2.13	CASING					
2.13	5.49	RUBBLE					3 # 9
5.49	8.23	2.74	2.37	86	2.12	77	Box 1-3
8.23	11.28	3.05	3.0	98	2.55	84	2.13 (5.49)
11.28	14.33	3.05	2.95	97	2.62	86	- 21.85
14.33	17.37	3.04	3.0	99	2.80	92	
17.37	20.42	3.05	3.05	100	2.77	94	
20.42	23.47	3.05	3.0	98	2.90	95	3 # 8
23.47	26.52	3.05	3.15	103	2.55	84	Box's 4-6
26.52	29.57	3.05	3.05	100	2.90	95	21.85
29.57	32.61	3.04	2.93	96	2.70	89	- 38.71
32.61	35.66	3.05	3.05	100	2.28	75	
35.66	38.71	3.05	3.15	103	1.50	49	
38.71	41.76	3.05	3.05	100	2.15	70	3 # 10
41.76	44.81	3.05	2.90	95	1.30	43	Box 7-9
44.81	47.85	3.04	3.05	100	2.75	90	38.71 -
47.85	50.90	3.05	2.75	90	1.75	57	55.7
50.90	53.95	3.05	3.05	100	2.85	93	
53.95	57.0	3.05	3.05	100	2.53	83	
57.0	60.05	3.05	3.0	98	1.9	62	3 # 11
60.05	63.09	3.04	2.9	95	2.4	79	Box 10-12
63.09	66.14	3.05	3.05	100	2.47	81	55.7 -
66.14	69.19	3.05	3.0	98	2.80	92	72.24
69.19	72.24	3.05	3.05	100	2.55	84	
72.24	75.29	3.05	3.03	99	2.48	81	
75.29	78.33	3.04	3.0	98	2.44	80	

BLOCKS		RECOVERY			ROD		PHOTO
FROM	TO	INTERVAL	ACTUAL	%	LENGTH	%	ROLL / PRINT
78.33	81.38	3.05	2.95	97	2.70	89	3 # 12 Boxes 13-16 78.24 - 90.53 EOH.
81.38	84.43	3.05	2.98	98	2.53	83	
84.43	87.48	3.05	3.10	102	2.57	84	
87.48	90.53	3.05	2.68*	88	2.27	74	
		No Loss - Stop Short.					
	90.53	EOH.					
5.49	90.53	85.04	83.29	97.9			

CASING C .EV : GROUND ELEV. : DA : PAGE No. 1 OF 4

COORDINATES : 587 N. 515 E. DATE FINISHED : 24 SEPT 2000 REF. TO CLAIM CORNER : 00 CDD-08

INCLINATION : -45° AZIMUTH : 200 TOTAL DEPTH : 50.90 LOGGED BY : Robert & Ted

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FINE SILICIFICATION	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS:	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL % CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppm) g/mt	BOI
										DESCRIPTIVE GEOLOGY	97.6.												
										0 - 7.62 CASING													
										7.62 - 8.23 RUBBLE													
									0.0.														
										8.23 - 33.65 ARGILLACEOUS LIMESTONE. TYPICAL 5-10% SECTIONS ARGILLACEOUS TURBIDITY SECTIONS - MOST MYLONITIC - FEW BRECCIA. ENTIRE SECTION SHOWS VARYING INTENSITY OF QTZ-CARB STOCKWORK. WK - MOD APPARENT FOLIA WITH USUAL CREENULATIONS AND VARIATIONS OVER LOCAL SECTIONS - MEDIUM AND MAJORITY AT 35° TO AXIS. MAJORITY OF FRACTURING BRITTLE AT RANDOM ANGLES AND IN SEVERAL CASES OCCURS AT CHANGES IN FOLIA ORIENTATION.													
10	40	2															19257	8.23		FVN	60 B 30 80 F	<0.01	
12	20	10		10													19258	10.47		B B	45 70	0.01	
14	5																	12.43			35 30		

CASING C) EV : GROUND ELEV. : DA) :

PAGE No. 2 OF 4

COORDINATES : N. E. DATE FINISHED :

REF. TO CLAIM CORNER : 00GOD-08

INCLINATION : AZIMUTH : . TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FMCH SITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt	BOI #
16	5									16.36 - 17. MILD TURBIDITE LOOKING "STRESSED" BLUE GREY ARG QTZ-CARB BRECCIA VEIN AT LOW ANGLE (20% LS FRGS) OVERLAIN BY LATTER WHITE QTZ CARB STOCKWORK TYPE VEIN SEGMENTS. MINOR OFFSETS AND ROTATED FRAGS ALONG ARG FOLIA.			16						16.36				0.04
18	35	5		5						17 - 17.83. WHITE QTZ CARB STOCKWORK BRECCIA WITH 2 > 2cm QTZ-DOL VEINS.			18			20		192593	17.83				0.32
	70	70																192594	18.25					
	35	5		5														192595	18.77			35	0.13	
20	20	10		5						17.83 - 18.17 QTZ GRAPHITE HIGH CRACKLE VN WITH 20-30% PB ZN 10/1 GALENA/SPH			20					192596	20.42			F	0.01	
										18.17 - 18.7 STOCKWORK BY AS 17-17.83.														
22	10	5		5						18.7 - 20.42. 8% 2-10cm QTZ DOL AT VARIOUS RANDOM ANGLES TO FOLIA ALONG WITH WK STOCKWORK.			22					192597	22.0				0.03	
										20.42 - 21.69 TURBIDITE LS - ARG. BRECCIA 50% QTZ-DOL "PATCHS" AND VSAUL STOCKWORK QTZ-CARB														
24	5	2		2						* 17.83 - 18.17 17.83 CONTACT LOW ANGLE X CUTTING PLANE OF FOLIA AT NEAR RIGHT ANGLE LOWER 18.17 CONTACT AT ≈ 70° TO FOLIA AND 40 TO AXIS.			24										F		
	30									21.69 - 24.3 INTERBANDED CALC ARG AND LS. THIN BANDED FAIRLY UNIFORM TO MILD TURBIDITE OR WEAK STRAINED. MAINLY DUCTILE - FEW FRAGMENTS GRANULATED FOLIA 25°															
26	7									22.63 - 23.14 LS.			26											
	35									24.3 - 27.35 FAIRLY MASSIVE WITH NARROW														
28	5									ARG ZONES NEAR CONTACTS. INDISTINCT FOLIA.			28									55		
	25									AND BRITTLE BREAKS -														
30	10												30									60		

CASING C) .EV : GROUND ELEV. : DAT) : PAGE No. 3 OF 4) 600-08

COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER :

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVG. CORE REC'Y/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX.	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt	BOI #
										27.35 - 33.65: ARGILLACEOUS LIMESTONE. SIMILAR TO NORM BUT SLIGHTLY HIGHER FREQUENCY OF INTERBANDING. (POSSIBLY DUE TO MORE ACUTE ANGLE TO AXIS?) USUAL VARIATIONS IN STOCKWORK DENSITY.									31.0					
32	10	6		6						32 - 32.3 BRECCIA			32					192598	32.35			10B / 55F	0.03	
										29.95 - 30.2 AND 31 - 31.8 LS SOMEWHAT COARSER - RECRYSTALLIZED?									33.2					
34	70	60		10						31.8 - 32 ARG WITH CLOTS OF 30% PY in ARG VEINING.			34					192599	34.0			40 F	0.03	
	7	7		2						33.25 - 33.75 60% QTZ DOL VEIN & BRECCIA CONTACT ZONE.									36.0			50 F		
36										33.65 - 36.75 PYRITIC ARG. THIN LAMINATED - FAIRLY UNIFORM - MINOR SECTIONS CONVOLUTED FOLIA. 3-5% FINE ELONGATE COMET LIKE TAILED CLASTS - SOME ROTATED IN FOLIA PLANES. 3% COARSE PY SUBHEDRONS. MINOR SILT INTERBANDS AFTER 35.7. FEW WANDERING QTZ DOLOMITE VEINS AND SEGMENTS.			36					192601	36.75				0.07	
																		192602					0.05	
38				10									38					192603	38.0				0.03	
	100	80																	40.0			50 B		
40		95		5									40					192604					0.02	
										36.75 - 41.66 QTZ VEIN.									41.66					
42	10	9		1						36.75 - 38.7 WK ORE ZONE WITH GRAPHITE & ARG. TR PY 10% PALE YELLOWISH GREENISH GRANULAR DOLOMITE USUALLY IN CLUSTERS			42		10			192605	42.45				0.11	
	100	90		3						38.7 - 41.66 MINOR GRAPHITE AND LESSER DOL. NVS THROUGHOUT. V. WEAK FRACTURED.					Ø			192606	43.35				7.51	
44	30	20		5									44		5			192607	44.80				0.05	
45	30	20		5									45											

CASING C EV : GROUND ELEV. : DAT :

COORDINATES : N. E. DATE FINISHED :

INCLINATION : AZIMUTH : TOTAL DEPTH :

00dDD-08

REF. TO CLAIM CORNER :

LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS: AVG. CORE RECY/HOLE
										DESCRIPTIVE GEOLOGY
46	30	20		5						41.66 - 42.45 PYRITIC ARG. 10% BOUDINY QTZ-DOL MINOR X-CUTTING QTZ CARB
										42.45 - 43.35 QTZ VN - ARG FRAG FILLING ON CONTACTS NVS
48	3									43.45 - 46.6 PYRITIC ARGILLITE 30% BOUDINY QTZ CARB VEINS CONTORTED FOLIA' HOLOT BRECCIATION 5% PY
	2									46.6 - 46.85 - SHEAR - ARG FRAGS & GOUGE (CRYPTIC)
50										46.85 - 49.8 PYRITIC ARG FAIRLY UNIFORM MINOR SILT BANDS.
	1									49.8 - 50.90 CALCAREOUS SILTSTONE LIGHT-MEDIUM GREY - MOD SILICIOUS.
										50.45 - 50.65 ARGILLITE
										50.90 EOH

SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M) 44.80	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt	BOI #
	46		5			809261	46.28		Boudin	35/80 F 45/F	0.07	
	48											
	50											

00 GDD - 08

SAMPLE #	FROM	TO	LENGTH	DESCRIPTION	Au		Ag		Cu		Pb		Zn			
					PPb	gm	PPm	gm	PPm	%	PPm	%	PPm	%		
192591	8.23	10.47		STOCKWORK												
192592	10.47	12.43		HOST W QTZ DOL.												
192593	16.36	17.83		STOCKWK BX.												
594	17.83	18.25		QTZ & GALENA											*	
595	18.25	18.77		STKWK BX												
596	18.77	20.42		QTZ DOL Vs												
192597	20.42	22.0		HOST.												
192598	21.0	32.35		BX LS & BX - PY.												
192599	33.2	34.0		VN & LS ARG CONTACT												
192601	36	36.75		ARG												
602	36.75	38.0		VEIN												
603	38.0	40.0		VEIN												
604	40.0	41.66		VEIN.												
605	41.66	42.45		MYL ARG												
606	42.45	43.35		VEIN.												
607	43.35	44.80		MYL ARG												
192608	44.80	46.28		MYL ARG.												
192600	1			STANDARD A.												

00GDD-08

SEPT 26 2000 RER.

BLOCKS		RECOVERY			RQD		PHOTO
FROM	TO	INTERVAL	ACTUAL	%	LENGTH	%	ROLL / PRINT
7.62	8.23	0.61	RUBBLE				
8.23	11.28	3.05	2.9	95	2.14	70	2 - 3
11.28	14.33	3.05	3.05	100	2.36	77	
14.33	17.37	3.04	3.03	100	2.7	89	Boxs 1-3
17.37	20.42	3.05	2.98	98	1.85	61	7.67 - 24.05
20.42	23.47	3.05	3.0	98	2.83	93	
23.47	26.52	3.05	2.95	97	2.40	79	2 - 2
26.52	29.57	3.05	2.95	97	2.65	87	
29.57	32.61	3.04	3.05	100	2.54	83	Box 4-6
32.61	35.66	3.05	3.10	102	2.32	76	
35.66	38.71	3.05	2.8	92	1.78	58	24.05 - 41.2
38.71	41.76	3.05	3.1	102	2.3	75	
41.76	44.81	3.05	2.85	93	2.47	81	2 - 4
44.81	46.94	2.13	2.04	96	1.43	70	Box 7 & 8
46.94	50.90	3.96	3.87	98	3.36	85	41.2 - 50.9
		42.67	41.67	97.6			
	50.90	EOH					

CASING : ELEV : GROUND ELEV. : PAGE No. 1 OF 2

COORDINATES : 570.5 N. 525 E. 335° DATE FINISHED : 25 SEPT 2000 REF. TO CLAIM CORNER : DOGDD-09

INCLINATION : -60° AZIMUTH : 335° TOTAL DEPTH : 29.57 LOGGED BY : Robert E Tod

AVG. CORE RECY/HOLE 96.7

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb)	BQ
0										0 - 5.18 CASING.													
2										5.18 - 9.0 STARTER BARREL RUBBLE.													
4																							
6																							
8																							
10	3	✓		✓						9 - 16.3 ARGILLITE: UNIFORM THIN LAYERED. USUAL CARB ALTST - (PRESSURE SHADOWED) AND PYRITE SUBHEDRONS. 11 - 11.25 MYLONITIC ABOVE 5 CM QTZ DOLOMITE VEIN - NEAR? CONFORMABLE TO FOLIA NVS. 11.5 - 13 10x 5mm SUB - PARALLEL QTZ - DOL. 16.0 WK OXIDES H2O COURSE?											45 35 F		
12	30	✓		✓																	35 F		
14	5	✓		✓																	45 F		
15	3	✓		✓																			

CASING : ELEV : GROUND ELEV. : PAGE No. 2 OF 2

COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER :

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DDH-09

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS:	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt	BO #
										DESCRIPTIVE GEOLOGY														
16	3	✓		✓					Arg	16.3 - 23.6 ARGILLACEOUS LIMESTONE			16						16.0					
	30	✓		✓						CONTACT FOLIA PARALLEL.								192638				50-70 F	0.02	
										16.3 - 16.8 STOCKWORK BRECCIA AND BRECCIA.									17.0					
										16.8 - 17.3 OPEN XTALINE ALONG AXIS.								192639				F	0.02	
18	7	✓		✓						17.3 - 19.2. 5-10mm BOUDINY VEINLETS			18						18.2					
										PARALLEL FOLIATION TREND - SEVERAL								192641					0.92	
										SWIRLS AND LOCAL CRENULATIONS IN HOST						Galena Sph in Vns			19.5			40-50 F		
										18.2 - 19.5. 12x 1-cm SULFIDE BEARING														
20										QTZ VEINS SUBPARALLEL FOLIA TREND.			20		7									
										GALENA SPHALERITE BOTH IN CORE AND ALONG EDGES														
										19.5 - 20 HARMONIC ARG FEATURES WITH														
	3	✓		✓						NARROW FOLIA BANDS BY.								192642					0.02	
22										20 - 22.8 ARG LS.			22						22.8			F 60		
										22.8 - 23.6 4 x 10cm FOLIA PARALLEL								192643	23.6				0.02	
	15	✓		✓						BRECCIA BANDS - 30% QTZ. - WITH GRAPHITE														
										NVS.														
24													24											
	30									23.6 - 25.7 ARGILLITE								192644				30 CONTACT	0.04	
										23.9 - 25.7 BRECCIA AND MYLONITIC								192645	25.1				0.01	
26										BRECCIA. FAIRLY COARSE SEGMENTS			26						25.8					
										TO 2 Cm QTZ VEIN AT 26.1 THEN FINER														
	10									HIGH DENSITY TIGHT FOLDED TO 25.7.														
										CONTACT A SLIP - DOES NOT APPEAR								192646					0.01	
										TO BE FOLIA PARALLEL. BUT DIFFICULT TO									27.5					
28										TELL.			28									40 F		
	20									25.7 - 29.57 ARGILLACEOUS LIMESTONE.													0.02	
										TO BRECCIA OVERPRINTED WITH A														
29.57	10									QTZ STOCKWORK BRECCIA.								192647	29.57					
										27.15 - 27.22 & 28.4 - 28.7 ARGILLACEOUS MOVEMENT PLANES														
										29.57 EOH														

00GDD-09

SAMPLE #	FROM	TO	LENGTH	DESCRIPTION	Au		Ag		Cu		Pb		Zn			
					PPb	gm	PPm	gm	PPm	%	PPm	%	PPm	%		
192638	16.0	17.0		CONTACT & SZ BX												
192639	17.0	18.2		HOST												
192641	18.2	19.5		VNLETS W/SULFIDES												
642	19.5	22.8		HOST												
643	22.8	23.6		BX BANDS												
644	23.6	25.1		ARG - MYL BX.												
645	25.1	25.8		ARG-LS MYL BX												
646	25.8	27.5		LS STKWRK & BX												
192647	27.5	29.57		" " "												
192640				STANDARD A												

00 GDD-09

BLOCKS		RECOVERY			RQD		PHOTO
FROM	TO	INTERVAL	ACTUAL	%	LENGTH	%	ROLL / PRINT
0	5.18		CASING				
5.18	9.0		STARTING BARREL		RUBBLE		
							2 - 17
9	11.28	2.28	2.15	99	1.60	70	
11.28	14.33	3.05	3.0	98	1.28	42	Boxs 1-4
14.33	17.37	3.04	2.86	94	2.06	68	5.18-29.57
17.37	20.42	3.05	2.97	97	1.30	43	
20.42	23.47	3.05	3.03	99	2.30	75	2-18
23.47	26.52	3.05	2.96	97	2.08	68	18.2m: 3cm
26.52	29.57	3.05	2.93	96	2.62	86	VEIN WITH
		20.57	19.90	96.7			SULFIDE CORE
	29.57	EOH					

CASING ELEV : GROUND ELEV. : PAGE No. 1 OF 4

COORDINATES : 533 N. 543 E. DATE FINISHED : 25 SEPT 2000 REF. TO CLAIM CORNER : 00 GDD - 10

INCLINATION : -65° AZIMUTH : 205 TOTAL DEPTH : 50.60 LOGGED BY : Robert C Ecott

COMMENTS: HOLE DRILLED AT -65 AT SHALLOW ANGLE TO INTERPRETED DIP OF 70° FOR STRUCTURE - PURPOSE WAS TO TEST FOR STRIKING OF QTZ WITHIN ZONE.

AVG. CORE RECV'/HOLE 96.2

DESCRIPTIVE GEOLOGY

0 - 0.61 CASING.

0.61 - ARGILLACEOUS LIMESTONE.
GENERALLY FAIRLY MASSIVE WITH USUAL ARGILLACEOUS SLIP PLANES. VEINING MAINLY ALL LOW-MOD FI22 QTZ-CARB. AND QTZ-DOL-CARB FRAGMENTAL FABRIC FOR LARGER AREAS. - RARE QTZ-DOL CLUSTER VARIETY. MAJORITY OF VEINING WK BOUDINAGE WAVY SUBPARALLEL TYPE WITH USUAL ARRAY OF CROSSCUTTING.
1.7-2.1.5 GENERALLY A WK WITH SECTIONS MOD INTENSITY STOCKWORK - VNLET MEDIAN ~ 5-10 mm.
1.5-1.7 4 x 2cm ARGILLACEOUS STRAIN INSENSITIVE MICRO SHEARS.
1.7-2.13 WK MOD ARGILLACEOUS MYLONITIC BX WITH VN CONTENT INCREASING DOWNWARDS CARB HAS ORANGISH DISCOLORATION DUE TO WEATHERING NVS INCLUDING RJ.
2.13-3.75 WK ARG MYLONITE - WAVY WK BOUDINED VEINING AND MILD COMPRESSION (FOLDED) FOLIA.
3.75-3.95 WK BRECCIA QTZ-DOL. - CONTACT ACUTE FEW SPELES RJ.
3.95-4.7 MOD INTENSITY STOCKWORK.
5.4-6.6 WK ARG MYLONITIC SEEGIA: FEW RJ SUBHEDRONS.
6.6-13.0 STRINGER & VNLETS MOSTLY SUBPARALLEL
13.0-13.5 BOUDINAGE MYLONITIC ARG ALONG AXIS.
13.5-14.2 WK-MOD STOCKWORK BX.
14.6-17.7 6% UP TO 20 CM QTZ-DOL-CARB VEINS IRREGULAR BUT ACUTE ANGLES TO AXIS.

Sample No.	Sample Interval (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt	BQ #
			60 F			0.6
192713	1.7					
	2.8		35 F		0.28	
192714			25 F		0.03	Box 1
192715	3.75				0.26	
	4.0				0.01	
192716	5.4					
192717	6.6			VERY WK FRACTURED.	0.04	6.1
192718					0.01	
	9.8		20 F			Box 2
192719	11.2				0.01	
192720	13.55				0.01	12.6
	14.6					

CASING C .EV : GROUND ELEV. : DATE :

COOR ES : N. E. DATE FINISHED :

INCLINATION : AZIMUTH : TOTAL DEPTH :

PAGE No. 2 OF 4

REF. TO CLAIM CORNER : 00GDD-10

LOGGED BY :

COMMENTS:

AVG. CORE RECY/HOLE

DESCRIPTIVE GEOLOGY

17.7 - 18.5 WK ARG MYLONITE ALONG AXIS.

18.1 10 cm QTZ-DOL CARB - OPEN VUGS - LS FRAGS AND 20% DENDRITIC GALENA & LESSER SPH

CONTACTS ~ 20° TO AXIS AND 7° MORE ACUTE THAN FOLIA VNS.

18.8 - 20.35 QTZ-DOL-CARB MOSTLY X-CUTTING. CONTINUING TO 21.1

20 - 35 - FINE GRAINED SINISTRAL WK-MOD INTENSITY ARGILLACEOUS MYLONITE RUNNING ALONG AXIS. LOW INTENSITY VEINING 60/90 BOUDINY SUB-PARALLEL VS X-CUTTING STRINGERS ALL "BRIGHT" WHITE QTZ CARB. MOD FIZZ. FEW MINOR TENSION FEATURES.

DEPTH (M)	% VEINS	% QTZ VN	FACHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M) 14.66	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb)	BC
16	35										16					192723						
																					<0.01	Box
18	15										18			6S		192724	17.7		20			17.1
														20%	172	192725	18.5				<0.01	
																	18.85				0.60	
20											20					192726					0.01	
	7																20.35					Box
22											22					192727					0.01	
																	21.35					
	3															192728					0.01	
24											24						22.65					23.5
26	1										26											
																						Box
28	4										28											
30	1										30											29.2

VERY WK FRACTURED. < 1 1/3 m. < 1 1/3 m.

CASING ⌀ : ELEV : GROUND ELEV. : DATE :

COORDINATES : N. E. FINISHED :

INCLINATION : AZIMUTH : TOTAL DEPTH :

REF. TO CLAIM CORNER : BO GDD - 10

LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS/SEPTA	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX.	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppb)	BO #
32	1												32											Bo 6
34										AFTER 34 BECOMES SOMEWHAT COARSE FRAGMENTAL ASSUMED FROM VARIATIONS IN FOLIA AND OFFSET CONTACTS. MAJORITY OF QTZ CARB VEINING - SEGMENTED AND TENSION TYPE - RARE FOLIA.			34		1%						NK + CUT ; TENSION			34.9
36	10	1											36											
38	10	3											38											Bo 7
40	1	4								BETWEEN 41 AND 44 SEVERAL EXAMPLES OF STRAIN SENSITIVE WITH SHEAR DIRECTION AT LOW ANGLE TO AXIS. IN ARG BANDS FEATHERY FINGERING AT ACUTE ANGLES BUT CARB CLASTS ALIGNED ALONG AXIS			40											40.6
42	20												42								10	VERY N.K FRACTURED		
44	5									42.4-43.3 LS SECTION WITH MOD DENSITY FOLIA SUBPARALLEL & X-CUTTING VNLETS. FOLIA ≈ 10° TO AXIS.			44											

CASING C EV : GROUND ELEV. : DATE :

COOR ES : N. E. DATE FINISHED :

INCLINATION : AZIMUTH : TOTAL DEPTH :

PAGE No. 4 OF 4 00GDD-10

REF. TO CLAIM CORNER :

LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS/SEPTA	GEOLOGY	COMMENTS:	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb)	BO #
										DESCRIPTIVE GEOLOGY															
46										45-47.8 BANDING AND VEINING (FOLIA) FAIRLY ACUTE. WITH STERIN FROEIG WITHIN ARG BANDS SOMEWHAT EQUALLED : No OBVIOUS TIGHT FOLDS BUT GENERAL SENSE OF "DRIBBLING" ALONG AXIS.			46													80-1 B 46..
48	5									MAJORITY OF ARG SECTIONS WK-MOD MYLONITIC BRECCIAS.			48								WK TENSION	INTENSE FRACS ≈ 2/cm DUE TO MORE ACUTE BANDS		BO C
50										TRACE AMOUNTS FINELY DISSEMINATED PY BROKEN FRAGS 47-47.5 BUT No OBVIOUS REASON FOR CORE LOSS. (AS 44.2-44.5) AFTER 49 CORE SHOWS REDRILL - MISLATCH?			50												50.6
										50.60 E.O.H.														
										DUE TO LACK OF QTZ OR "ZONE". IN HOLE IT DOES NOT INDICATE QTZ STOCKING VERTICALLY ONLY POSITIVE THING HOLE INDICATES IS THAT A SHEAR ZONE AT ROUGHLY 75° (CORE) EXISTS														

SAMPLE #	FROM	TO	LENGTH	DESCRIPTION	Au		Ag		Cu		Pb		Zn			
					PPb	gm	PPM	gm	PPM	%	PPM	%	PPM	%		
192713	1.7	2.8		WK MYL BX												
714	2.8	3.75		HOST												
715	3.75	4.0		VEIN												
716	4.0	5.4		STKWK & HOST												
717	5.4	6.6		WK MYL ARG.												
718	6.6	9.8		HOST												
192719	9.8	11.2		HOST												
192721	11.2	13.55		HOST & MINOR ARG.												
722	13.55	14.6		WK - MOD STKWK.												
723	14.66	17.7		QTZ DOL - VNS.												
724	17.7	18.5		HOST												
725	18.5	18.85		VN WITH SULFIDES												
726	18.85	20.35		QTZ DOL STKLETS												
727	20.35	21.35		" & CONTACT												
192728	21.35	22.65		ARGILL W QTZ CARB.												
192720				STANDARD B.												

BLOCKS		RECOVERY			RQD		PHOTO
FROM	TO	INTERVAL	ACTUAL	%	LENGTH	%	ROLL / PRINT
0	0.61	CASING					
0.61	2.13	1.52	1.35	89	0.97	64	3 # 14
2.13	5.18	3.05	3.05	100	2.50	82	Boxs 1-3
5.18	8.23	3.05	2.90	95	2.81	92	0.61 -
8.23	11.28	3.05	2.76	90	1.83	60	17.7
11.28	14.33	3.05	2.97	97	1.98	65	
14.33	17.37	3.04	2.99	98	2.80	92	
17.37	20.42	3.05	3.0	98	2.74	90	3 # 13
20.42	23.47	3.05	3.05	100	2.94	96	Boxs 4-6
23.47	26.52	3.05	2.95	97	2.92	96	17.7 -
26.52	29.57	3.05	3.07	101	2.83	93	34.95
29.57	32.61	3.04	2.95	97	2.90	95	
32.61	35.66	3.05	3.05	100	2.80	92	
35.66	38.71	3.05	2.88	94	2.80	92	3 # 15
38.71	41.76	3.05	2.96	97	2.80	92	Boxs 7-9
41.76	44.81	3.05	2.73	90	2.16	71	
44.81	47.85	3.04	2.39	78	2.11	69	34.95 -
47.85	50.60	2.75	2.10	76	1.51	55	50.60
0.61	50.60	48.99	47.15	96.2			
49.25	50.60	REDRILL DUE TO MISLATCH.					

CASING ø EV : GROUND ELEV. : PAGE No. 1 OF 2

COORDINATES : 519 N. 550.5 E. DATE FINISHED : SEPT 26 REF. TO CLAIM CORNER : DOGDD-11

INCLINATION : -45 AZIMUTH : 223 TOTAL DEPTH : 29.26 LOGGED BY : Robert E Kent

AVG. CORE RECY/HOLE: 97.4

DESCRIPTIVE GEOLOGY

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY
0-1.22									CASING.
1.22-1.9	90	✓	✓	✓					QTZ-DOL CARB VN - FRAGMENTAL TEXTURE
									2% FRAGS. WK CERICITE. TRACE SPECK PY
1.9-5.35	10	✓	✓						INTERBANDED PEGMATITE & LIMESTONE.
	70	✓	✓						GENERALLY UNIFORM. MINOR MYLONITIC SECTIONS
									T.O 4.8- 4.8-5.35 MYLONITIC ALONG AXIS.
5.35-5.9	10	✓	✓						INTERMINGLED MYLONITIC AND STOCKWORK
	60	✓	✓						BRECCIA.
5.9-6.4	3	✓	✓						QTZ-DOL-CARB WITH PY & GALENA.
	40								1-2% YELLOWISH DOL CLUSTERS 5% CARB FRAG & OPEN
									SPACE FILLING? FEW OPEN VUGS WK CERICITE
6.4-7.15	90	✓	✓	✓					WITH SOME HEM AND SOME PY GALENA.
	40								VN & BRECCIA ZONE. QTZ CARB AND
									QTZ DOL CARB ALONG AXIS - TR PY.
7.15-7.85	95	✓	✓	✓					QTZ VEIN - WK HEM CERICITE AT
									EXTREMITIES. 7.15 FG PY GALENA IN VUGGY FRAC.
7.85-10.06	20								MASSIVE LS WITH WK-MOD STOCKWORK
									VEINING
10.06-10.4	10	✓	✓	✓					QTZ-CARB MYLONITIC BRECCIA GRADING
									INTO A QTZ VEIN 10.4-10.60.
10.6-14.4	3								ARGILLACEOUS LS. COARSE FRAGMENTAL?
									NUMEROUS OFFSET FEATURES AROUND THIN ARG
									MOVEMENT PLANES.
13.2-13.4	7								QTZ CARB BRECCIA VN.
13.6-14.15	60								MYLONITIC COMPRESSION ZONE. ONLY
									5% ARG.
14.4-15	10								QTZ-CARB-DOL → QTZ VEIN + COARSE QTZ
	80								SEGMENTS IN FRAGMENTAL TYPE QTZ-CARB.
									CONTACTS ARE ARG MYLONITIC SHEARS?

SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt
							1.24				
						192729	2.1			30 F	0.01
						192730	3.15				0.03
						192731	5.35			40 F	0.04
						192732	5.90				0.16
						192733	6.40				2.79
						192734	7.10				0.20
						192735	7.85				4.05
						192736			30		0.02
							10.06		50	50	
						192737	10.65				0.06
						192738	13.2			20 F	0.01
						192739	14.4			30 F	0.02
						192741	15.0				0.04

CASING C ... EV : GROUND ELEV. : ...TE : PAGE No. 2 OF 2

COOR... ...TES : N. E. DATE FINISHED : REF. TO CLAIM CORNER : 60GDD - 11

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

COMMENTS:

AVG. CORE RECY/HOLE

DESCRIPTIVE GEOLOGY

15.2 - 16.0 REWORKED LOOKING LS. MOD-HIGH DENSITY QTZ CARB FOLIA VNLETS AND VEINS AND SEVERAL ROUNDED NON ORIENTED CARB PORPHOBLASTS.

16.9 - 17.5 3x 2-5 cm ARG MYLONITE BANDS.

16.75 - 17.2 QTZ-CARB BX CUT BY ARG MYLONITE TR VERY FINE SPECK PY & GALENA?

17.5 - 21 ARG LS. FAIRLY UNIFORM.

18.3 - 18.45 QTZ CARB COARSE BOUDIN VN TR PY.

21 - 24.6 10% FAIRLY FINGERED MILD MYLONITE ARG BANDS.

24.6 - 29.26 30% OF SECTION 1-20 CM MICRO MYLONITES - UNIFORM REGULAR ALIGNED ELONGATE CLASTS - VERY MINIMAL DISTURBANCE TO LS BANDS.

29.26 EOH

DEPTH (M)	% VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY
16	1	✓	✓						
	40	✓	✓						
	15	✓	✓						
	30	✓	✓						
	20								
18	3								
	30	✓	✓						
20									
	15								
22									
24									
26	3								
28									
29.26									

DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/t
						15.0				
16					192742	16.75			30 F	0.01
					192743	17.2				0.01
					192744				55 F	0.02
18						18.3				
					192745	18.75				0.02
20									55 C	<0.01
					192746	21.65			10 F	
22										0.01
					192747	24.6			15 F	
24									30 F	0.01
					192748	26.0			10 F	
26									10 F	
									10 F	
28									55 F	
29.26										

SAMPLE #	FROM	TO	LENGTH	DESCRIPTION	Au		Ag		Cu		Pb		Zn			
					PPb	gm	PPM	gm	PPM	%	PPM	%	PPM	%		
192729	1.24	2.1		QDC												
730	2.1	3.15		HI DENSITY QC												
731	3.15	5.35		HOST												
732	5.35	5.90		QC MIL & BX												
733	5.90	6.40		VN & SULFIDES												
734	6.40	7.10		QTZ & CARB & BX												
735	7.10	7.85		QTZ & SULFIDES												
736	7.85	10.06		HOST												
737	10.06	10.65		QC & Q												
738	10.65	13.2		HOST												
192739	13.2	14.4		HOST												
192741	14.4	15.0		QC & Q												
742	15.0	16.75		HOST												
743	16.75	17.2		QC MIL BX												
744	17.2	18.3		HOST												
745	18.3	18.75		QC TR SULFIDES?												
746	18.75	21.65		HOST												
747	21.65	24.6		HOST												
192748	24.6	26.0		HOST												
192746				STANDARD B.												

OO GDD - 11

BLOCKS		RECOVERY			RQD		PHOTO
FROM	TO	INTERVAL	ACTUAL	%	LENGTH	%	ROLL / PRINT
0	1.22	CASING					
1.22	2.13	0.91	0.95	104.	0.55	60	3 #
2.13	5.18	3.05	2.75	90	1.40	46	BOXS 1-3
5.18	8.23	3.05	3.10	102	2.35	77	1.22 -
8.23	11.28	3.05	2.80	92	1.76	58	17.85
11.28	14.33	3.05	3.07	101	2.78	91	
14.33	17.37	3.04	2.88	94	2.02	66	
17.37	20.42	3.05	3.02	99	2.85	93	3 #
20.42	23.47	3.05	3.0	98	2.04	67	BOX 4 & 5
23.47	26.52	3.05	3.03	99	2.35	77	17.85 -
26.52	29.26	2.74	2.73	100	2.24	85	29.26
1.22	29.26	28.04	27.32	97.4			EOH.
	29.26	EOH.					

CASING ELEV : GROUND ELEV. : E :

PAGE No. 1 OF 4

COORDINATES : 519 N. 550.5 E. DATE FINISHED : 26 SEPT 2000 REF. TO CLAIM CORNER : 00GDD-12

INCLINATION : -60° AZIMUTH : 223 TOTAL DEPTH : 57.0 LOGGED BY : Robert E Kirkham

AVG. CORE RECY/HOLE: 98.6

COMMENTS:

DESCRIPTIVE GEOLOGY

0-1.22 CASING

1.1-5.8 ARGILLACEOUS LIMESTONE.

80% OF SECTION MICRO-MYLONITIC ARGILLACEOUS BANDS UNDULATING ALONG AXIS. MINOR COMPRESSION AND TENSION FEATURES.

1.1-1.5 1cm QTZ-DOL-CARB ANKERITIC.

2.25-2.45 QTZ-DOL-CARB AT ACUTE ANGLE.

WK-MOD STOCKWORKED MY LS SEDIMENTS (3.8-4.5) AND MYLONITIC BEDDING IN ARG. (4.45-4.8)

5.8-11.0 VEIN ZONE

5.9-6.05 BOUDINAGE QTZ (DOL) (CALCITE TYPE) ALONG AXIS.

6.05-6.65 VEIN WITH 60% SULFIDES UNDULATED ALONG LS. CONTACT IS ROUGH. WK BRITTLE FRACTURE.

6.65-8.23 - BOUDIN MYLONITIC VEIN BRECCIA. WITH VARYING AMOUNTS OF LS VS VEIN. SULFIDE RATIOS VARY ALONG SECTION; GALENA RICH PREDOMINATE IN MORE MASSIVE AREAS. GALENA SPH WITH LITTLE OR NO RICH SPH IN DENDRITIC BRECCIA AREAS. GALENA ALWAYS FINE GRAINED - RICH COARSER AND BLEBBY OR FEATHERY (OF SNOW XTAL LIKE) AS ACE SPHALERITE AND CNRLCO. SPHALERITE A TANNISH OR HONEY COLOUR.

8.2-8.88 HIGH SULFIDES. 7cm 60% DENDRITIC GALENA SPH AT 8.28. 8cm MASSIVE RICH GALENA AT 8.6 AND. 2cm FRAC FILLING AT 8.75.

WK FRACTURED - BRITTLE IRREGULAR FRACTURES - ALL ACUTE

DEPTH (M)	% VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	SHEAR	DRILLING INTERVAL % CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/t	Bo
0																1.1					1.2
2	40	✓	✓	✓											192749	2.25				0.01	
	80	✓	✓												192750	2.65				0.01	
															192751					0.02	Bot
4	15															4.65				0.03	
									5.8						192752	5.8				9.00	6.6
6								6							192753	7.2				2.09	
								16							192754	8.2				9.87	
8	100														192755	8.88				4.39	
								65							192756	9.85				0.71	Bot
10															192757	10.3				1.68	
															192758	11.6				0.03	
	15														192759	12.0					
12	1																				12.4
	5														192761					0.03	
14	2															15.0					
	10																				

CASING C EV : GROUND ELEV. : DATE :

COOR TES : N. E. E FINISHED :

INCLINATION : AZIMUTH : TOTAL DEPTH :

REF. TO CLAIM CORNER : BOGDD-12

LOGGED BY :

COMMENTS:

AVG. CORE RECY/HOLE

DESCRIPTIVE GEOLOGY

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY
16	1	✓	✓						
	5	✓	✓						
	1	✓	✓						
18									
20	30	✓	✓						
22									
24	3	✓	✓						
26	20	✓	✓						
	15	✓	✓						
28	100	✓	✓						
	1	✓	✓						
30	20	✓	✓						

ALSO MINOR CRACKLE FILLING.

8.88 - 9.15 MOD CRACKLE QTZ. MAINLY OXIDE & ARG.

9.15 - 9.25 OPEN VUGGY SECTION AT 60° TO AXIS.

9.25 - 9.85 MOD CRACKLE WITH GALENA - FEW LS FRAGS

9.85 - 10.53 MASSIVE TO WK CRACKLE (ARG) QTZ VNS.

10.53 - 11.0 ARG INT QTZ-CARB BX ⇒ CRACKLE VEIN.

TR GALENA.

BOTTOM CONTACT - ABRUPT - IRREGULAR "SURFACE" (NOT A FAULT OR SLIP - JUST AN END)

11.0 - 12.85 INTERBANDED MICRO-MYLONITIC ARGILLITE AND LIMESTONE SIMILAR TO 1.1 - 5.8 ZONE. VARIABLE LOW ANGLE FOLIA BUT GENERALLY AT X10°

12.85 - 32.9 ARGILLACEOUS LIMESTONE.

5-10% ARG FOLIA AND BANDS.

MOD - VI DENSITY QTZ VEIN VNLETS - ALL STRONG FIZZ - 70% FOLIA TYPE 30% X CUTTING TO 26 WITH ONLY LIMITED MINOR SECTIONS SHOWING WK STOCKWORK PATTERN. 25.5-26.5 3 SETS QDC.

26 - VIRTUALLY ALL VEINING AT RANDOM ANGLES. 31.3 - 31.9 ONLY FOLIA VEINLETS?

THIS LACK OF ALIGNMENT ALSO OCCURS IN HOST WITH VIRTUAL LACK OF ANY FOLIA. PORPHOBLAST AND SHARDS IN RANDOM MERRY AND GENERALLY APPEAR SLIGHTLY COARSER. LOCAL SECTIONS HAVE APPEARANCE OF BEING A "PARTIAL SORTED" LIMEY SANDSTONE ⇒ PEBBLE CONGLOMERITE.

SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX.	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt
							15.0				
	16					192762				VERY WK 1/3M	0.02
	18					192763	18.0			25 F WK	0.02
	20						20.0		20	15 F 25 F F	
	22										
	24										
	26					192764	25.5		20	VERY WK MINOR BEDDING	0.01
							26.5				
	28						29.0				
	30					192765					0.01

30.8

BOX 3 18.0

BOX 4 23.2

BOX 5 29.9

CASING C ELEV : GROUND ELEV. : DATE :

COORDINATES : N. E. DATE FINISHED :

INCLINATION : AZIMUTH : TOTAL DEPTH :

REF. TO CLAIM CORNER : 006DD - 12

LOGGED BY :

COMMENTS:

AVG. CORE RECY/HOLE

DESCRIPTIVE GEOLOGY

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY
32	7	✓	✓						
	40	✓	✓						
	10	✓	✓						
34	45	✓	✓						
	1	✓	✓						
36	7	✓	✓						
	2	✓	✓						
38	80	✓	✓						
40	2	✓	✓						
	5	✓	✓						
42	3	✓	✓						
	40	✓	✓						
44	7	✓	✓						

30 - 30.8 UNDULATING ARGILLACEOUS ALTERED MYLONITE ALONG AXIS.

30.8 - 31.3 WK BRECCIA; MARVEL "GRAIN" IN BRECCIA VNLET AT 31.12 FLOURITE?

32.5 - 34 PROGRESSIVE STOCKWORK AROUND QC WITH ASSIMILATED HORST 33.4 - 33.8.

33.8 CONTACT GRAPHITIC SLIP AT 30°

34 - 34.3 MAINLY LS FRAGS IN UNDULATING THIN BANDS ARG

34.3 - 35.05 TUFFBRITE FRACTURED ARG MYLONITE. MINOR QC WITH MODERATE BOUDINY SEG LS. GHOSTY BANDS AND SPLOTCH'S V.F.G. DIRTY PY.

35.05 - 37.9 INTERBAND LS WITH 5mm - 2CM. ARG MICRO MYLONITE LS WK FOLIATED.

36.8 1CM LS PEBBLE CONG BAND.

QC VEINING IN LS SECTIONS WK-MOD STKWORK

37.9 - 40.0 QTZ-CARB VEIN. WK BRECCIA WITH 15% LS FRAGS AND WK ALIGNED ARG'S LS CRACKLE

37.7 - 38.1 ARG MIL BRECCIA 3CM WIDE WITH SLIP CONTACTS AT 15° THEN THROUGH MOD STKWORK BX TO 38.3. 5CM WK-MOD STKWK

BOTTOM CONTACT AT 40°

40.0 - 57.0 INTERBANDED ARGILLACEOUS LS AND MYLONITIC LIMY ARGILLITE. FOLIATION VARIANCES SOME FEATHERY INTERFINGERING CONTACTS. SOME SLIP CONTACTS. AND SOME CONFORMABLE. ROUGHLY 60% OF SECTION LS.

SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt
							30.8				
					19	192766	31.3				<0.01
	32								10 F		
						192767	32.5				0.01
	34						34.3				
			5			192211	35.05			15 F	0.01
	36										
						192768	37.0			15 F	0.01
	38						37.9				
						192770				F	0.01
	40					192771	40.0			15 F	
							41.0				0.01
	42									15 F	
						192772	43.0			15 F	0.01
	44						44.0				

CASING C EV : GROUND ELEV. : DATE : PAGE No. 4 OF 4

COOI YES : N. E. E FINISHED : REF. TO CLAIM CORNER :

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FINE SITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/W	MINERALS/SEPTA	GEOLOGY	COMMENTS:	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (appx) g/mt	BK
										DESCRIPTIVE GEOLOGY									45.15					
46	7	✓	✓							VAST MAJORITY OF VEINING IN LS FRACTION AND RETAINS ALL RANDOM X-CUTTING STOCKWORK TYPE.			46				192772	45.45				0.01	Box 8 46.
										MYLONITIC ARG FRACTION CONTAINS MOSTLY ELONGATE LS FRAGS WITH VERY FEW CARB FRAGS IN MICRO TO MEDIUM VEINLETS.								46.65					
	15	✓	✓															192774					<0.01	
48										THOSE CONTAINING CARB ARE MYL-BX ZONES.			48					48.0						Box 9
										1-2% PY MAINLY AS BLEBS WITHIN CARB											WK FRAC		
										LAYERS IN ARG SECTIONS - FEW NARROW														
50										VNLETS WITH 10% PY (51.58 EX) & 45.2 IN LS.			50											
	3	✓	✓							LOCAL SECTIONS SHOW COMPRESSIVE TIGHT FOLDING BUT USUAL WK - MOD STRAIN WITH MOVEMENT DIRECTION AT LOW ANGLE TO AXIS.								51.2					
										43.0 - 43.8 MOD INTENSITY MYLONITIC BX.								192775					0.02	51.8
52										46.6 - 48 6x2cm "FRAGMENTAL" QC VEINS			52						52.2					
										52.8 - 53.6 ARG MYL BX LOW ANGLE UNDULATING.									52.8			WK FRAC MAINLY SEGMENT FRACTURE		
	30	✓	✓							53.95 - 55.2 MOD-HI DENSITY STOCKWORK								192776	53.6				0.04	Box
54	10	✓	✓							WITH 2x5cm BX ZONES.			54						53.95					10
										56 - 56.3. WK MYL BX.								192777					0.01	
	30	✓	✓																55.2					
56	16	✓	✓							57.0 EOH.			56											
57													57											57.

SAMPLE	FROM	TO	LENGTH	DESCRIPTION	Au		Ag		Cu		Pb		Zn			
					ppb	gm	ppm	gm	ppm	%	ppm	%	ppm	%		
192772	43.0	44.0		MYL BX												
192773	45.15	45.45		Py VNLET												
192774	46.65	48.0		QC VEINING.												
192775	51.2	52.2		Py IN MICRMYL												
192776	52.8	53.6		MYL BX												
192777	53.95	55.2		STOCKWORK.												
192760				STANDARD B												

SAMPLE #	FROM	TO	LENGTH	DESCRIPTION	Au		Ag		Cu		Pb		Zn			
					PPb	gm	PPm	gm	PPm	%	PPm	%	PPm	%		
192749	1.1	2.25		HOST												
192750	2.25	2.65		QTZ DOL												
751	2.65	4.65		HOST												
752	4.65	5.8		MYL ARG HOST.												
753	5.8	7.2		VN i HI SULFIDE.												
754	7.2	8.2		VN i LS HOST i SULF												
755	8.2	8.88		HI SULFIDE.												
756	8.88	9.85		VN i MOD SULF												
757	9.85	10.3		VN. - NVS.												
758	10.3	11.0		QC MYL Py WK SULF.												
192759	11.0	12.0		CONTACT HOST.												
192761	12.0	15.0		ARG LS HOST												
762	15.0	18.0		" " "												
192763	18.0	20.0		LS W/ QC VEINS												
192764	25.5	26.5		SEGMENTS QDC.												
192765	29	30.8		WK STOCK WRK 3 MYL ARG												
192766	30.8	31.3		WK BRECCIA W/FL?												
192767	32.5	34.3		STKWK i QC VN.												
192768	34.3	35.05		MYL ARG W/ Py												
192769	37.0	37.9		HOST												
770	37.9	40.0		QC VN												
192771	40.0	41		HOST												

OO GDD - 12

BLOCKS		RECOVERY			RQD		PHOTO
FROM	TO	INTERVAL	ACTUAL	%	LENGTH	%	ROLL / PRINT
0	1.22		CASING				
1.22	2.13	0.91	1.12	123	1.03	100	3 # 20
2.13	5.18	3.05	3.01	99	2.77	91	Boxs 1-3
5.18	8.23	3.05	3.0	98	2.30	75	1.22 -
8.23	11.28	3.05	2.95	97	2.70	89	18.1
11.28	14.33	3.05	3.10	102	2.92	96	
14.33	17.37	3.04	2.90	95	2.36	77	
17.37	20.42	3.05	3.0	98	2.29	75	3 # 19
20.42	23.47	3.05	3.0	98	2.79	91	
23.47	26.52	3.05	3.01	99	2.49	82	Boxs 3-6
26.52	29.57	3.05	3.07	101	3.05	100	18.1 -
29.57	32.61	3.04	3.05	100	3.05	100	35.05
32.61	35.66	3.05	3.07	101	2.72	89	
35.66	38.71	3.05	2.85	93	2.17	71	3 # 21
38.71	41.76	3.05	3.05	100	1.97	65	
41.76	44.81	3.05	2.98	98	2.65	89	Box's 7-10
44.81	47.85	3.04	3.0	98	2.65	87	35.05 -
47.85	50.90	3.05	3.0	98	2.95	97	57.0
50.90	53.95	3.05	3.05	100	2.73	90	EOH
53.95	57.0	3.05	2.9	95	2.75	90	
1.1 (1.22)	57.0	55.9	55.11	98.6			

CASING ELEV : GROUND ELEV. : PAGE No. 1 OF

COORDINATES : 497 N. 560 E. DATE FINISHED : 27 SEPT 2000 REF. TO CLAIM CORNER : 00 GDD-13

INCLINATION : -45 AZIMUTH : 200 TOTAL DEPTH : 29.57 m LOGGED BY : Robert E Fair

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS/SEPTA	GEOLOGY	COMMENTS:	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppm) g/m³
										DESCRIPTIVE GEOLOGY	98												
										0 - 2.13 CASING													
										2.13 - 2.50 RUBBLE									1.5				
										2.50 - 3.52 ARGILLACEOUS LIMESTONE - STOCK WORK BRECCIA. 2.5 - 3.1 BROKEN CORE SHOWING QTZ VN ALONG AXIS							192778					0.01
	40	✓	✓	✓															3.52				
	25	✓	✓	✓						3.1 - 3.52 BRECCIATED STOCKWORK BRECCIA. N.V.S.							192779					0.28
	80	✓	✓	✓															4.25				
										3.52 - 4.25 QTZ CARB ASSIMILATION AND BRECCIA VEIN. FRAGMENTITES SHOW FOLIA TYPE "ARGILLITE LIKE FRAGS WITH CARB ZONE BEING 1 MORE LS FRAG WITH A WELL DENSELY LS & CARB							192780					0.07
	10	✓		✓															5.9				
															30	SPS TR SPH TR CPY		192781					8.46
	90	✓	✓	✓						FIRAGMENT BRECCIA N.V.S.									6.55				
										4.25 - 5.9 ARGILLITE - TYPICAL DENSE PYRITE CARB ALTST VARIETY 10% VERY REGULAR DISTRIBUTED 5-10 mm BOUDINS QTZ-DOL VNLETS.							192782					0.02
	15	✓		✓														192783	7.27				0.01
	3	✓	✓	✓														192784	7.68				0.01
	30	✓	✓	✓														192785	8.23				
										5.9 - 6.55 QTZ CARB DOL VEIN WITH Py GALENA LONGIZZ. PATCHY CARB - NO DOL CRUSTER VARIETY - MOD CRACKLE.													
	5	✓	✓							6.25 - 6.55 FF AND COARSE "OPEN SPACE FILLING F.G. MASSIVE CLOTS AND STRINGERS Py / GALENA 30% COMBINED TR SPH & CPY. BOTH CONTACT WK GRAPHITIC PARTINGS.													
	80	✓	✓															192786	11.2				0.01
																			11.45				
	5	✓	✓																				
	15	✓	✓	✓						6.55 - 7.27 ARGILLITE AS 4.25 - 5.9													
	80	✓	✓							7.27 - 7.65 LIMESTONE MEDIUM GREY DISTINCT LAMINATED - SEVERAL ARG AND LS FRAGS AS INCLUSIONS.													
	3	✓	✓																14.65				0.04
	40	✓	✓	✓						7.65 - 8.2 ARGILLITE - SIMILAR TO ABOVE BUT SLIGHTLY MORE STRAINED.								192787	15.25				

CASING : EV : GROUND ELEV. : E :

COORDINATES : N. E. DATE FINISHED :

INCLINATION : AZIMUTH : TOTAL DEPTH :

REF. TO CLAIM CORNER : 00GDD - 13

LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	XPY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt
										8.2 - 29.57 ARGILLACEOUS LIMESTONE. MEDIUM TO DRK GREY WITH MINOR LIGHTER INTERBANDS. 5% FINE MASSIVE ARGILLITE BANDS ALONG WITH THE USUAL ARGILLACEOUS MOVEMENT ZONE. GENERALLY UNIFORM DISTINCTLY BAND WITH MINOR LOCAL CONTORTIONS TO FOLIA. GENERALLY ZONE SHOWS ONLY WK TENSION FEATURES WITH ONLY LIMITED LOCAL SECTIONS WITH MILD COMPRESSION FOLDING.													WK FRAC 1-3/m
16	7	✓	✓										16						16.6				
																	192788		17.0			30 / F	0.03
18													18									80	
	15	✓	✓																19.0			E	
																	192789		19.9			35 / F	0.02
20										11.2 - 11.45 QTZ CARB ASSIMILATION VEIN. NVS.			20									20 / F	
	5	✓	✓							12.5 - 13.8 WK MYLONITIC BRECCIA ZONE DEVELOPED AROUND ARGILLACEOUS MOVEMENT PLANE UNDULATED ALONG AXIS.													
22										14.7 - 15.25 15 cm QTZ DOL CARB VEIN AT 40° FEW LS INCLUSIONS UPPER CONTACT A MYLONITIC SHEAR ZONE - BOTTOM ZONE A WK S WITH ALIGNED STOCKWORK BRECCIA.			22										
	5		✓																23.47				
24		V											24				192790					30 / 20 / FF	0.01
										16.6 - 17 INTERBANDED ARG. MICRO MYLONITE AND PYRITE BEARING CARB BANDS 2% DISSEMINATED PY & 30% BLEBS IN BANDS									25.0			
26	3	✓	✓							17.7 - 18.4 WK MOVEMENT ZONE - MILD - MINOR FOLDING - OFFSETS AND TENSION GASH FEATURES.			26										
	10	✓	✓							19.15 10 cm WK FRAGMENTAL FABRIC QTZ CARB													
	2	✓	✓							FOLLOWED BY 5% 1 cm AND SEVERAL TENSION SEGS TO 19.9.												30	
28	20	✓	✓										28						28.0			F	
	60	✓	✓							21 - 25. WK - MOD "COARSE" 5 - 10 mm STOCKWORK													0.01
										DEVELOPED ALONG A WK ARG MYLONITIC							192791		29.1				
29.57	5	✓	✓							MOVEMENT ZONE ALONG AND/OR NEAR? AXIS.													

CASING ELEV : GROUND ELEV. : E : PAGE No. 3 OF

COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER : 006DD-13

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FMCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb)
										27.6 - 29. FOLIA QTZ CARB AND Y-CUT VEINING AROUND A WK HIGH DENSITY QTZ CARB MYL. BY ZONE 28.6 - 29.0. NVS.													
										29.57 EOH.													

SAMPLE #	FROM	TO	LENGTH	DESCRIPTION	Au		Ag		Cu		Pb		Zn			
					ppb	gm	ppm	gm	ppm	%	ppm	%	ppm	%		
192778	1.5	3.52		VN & STK BX.												
192779	3.52	4.25		VEIN & BX VN												
192781	4.25	5.9		ARG WITH BOUDINS												
782	5.9	6.55		VN W/SULFIDES.												
783	6.55	7.27		ARG W/VEINING												
784	7.27	7.65		LS												
192785	7.65	8.23		ARG & BOUDINY												
192786	11.2	11.45		VN												
192787	14.65	15.25		VEIN ZONE												
192788	16.6	17.0		Py STRINGERS.												
192789	19.0	19.9		QTZ CARB VEINING.												
192790	23.47	25.0		QTZ CARB. VEINING												
192791	28.0	29.1		QTZ-CARB VNS & BX												
192780				STANDARD A.												

00600 - 13

BLOCKS		RECOVERY			RQD		PHOTO
FROM	TO	INTERVAL	ACTUAL	%	LENGTH	%	ROLL / PRINT
0	2.13		CASING				
2.13	2.5		RUBBLE				3 # 23
2.5	5.18	2.68	2.59	97	2.0	75	Boxs 1-3
5.18	8.23	3.05	3.06	100	2.9	95	2.13 -
8.23	11.28	3.05	2.90	95	1.7	56	18.9
11.28	14.33	3.05	2.86	94	1.86	61	
14.33	17.37	3.04	3.0	98	1.65	54	
17.37	20.42	3.05	3.1	102	2.60	85	3 # 22
20.42	23.47	3.05	3.0	98	2.58	85	Boxs 5 & 6
23.47	26.52	3.05	2.97	97	2.56	84	18.9 -
26.52	29.57	3.05	3.05	100	2.60	85	29.57
							EOH
2.5	29.57	27.07	26.53	98			

CASING ELEV : GROUND ELEV. : SCALE : PAGE No. 1 OF

COORDINATES : 497 N. 560 E. DATE FINISHED : 27 SEPT 2000 REF. TO CLAIM CORNER : 006DD-14

INCLINATION : -60 AZIMUTH : 200 TOTAL DEPTH : 24.08 LOGGED BY : Robert E Kay

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVG. CORE REC'Y/HOLE 96.8	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt
										0 - 2.13 CASING.													
										2.13 - 2.54 RUBBLE													
2										2.54 - 3.0 ARGILLITE - TYPICAL DENSE PYRITIC VARIETY 25% BOUDINAGE QTZ DOL ALONG AXIS. NVS.			2						2.54				
	25	✓		✓													192792		3.0		WK FRAC	6.80
	5	✓	✓	✓														192793			<1/m	0.34
4	15	✓	✓	✓									4						4.28			
	40	✓	✓							3 - 3.73 STOCKWORK LS WITH COARSE SEGMENTS DOLOMITE CLUSTER TYPE VEINING ALONG AXIS.							192794		4.74		45-65	0.36
										3.73-9.3 VEIN: 3.73 - 4.28 LS FRAGS ASSIMILATED INTO VEIN. TRACE PY GALENA AT 3 & 3.73							192795		5.6		IN VN ZONE	31.98
6										SPH STARTS 3.9 WITH GALENA PYRITE THEREAFTER			6									
	90	✓		✓						4.28 - 4.5 WK CRACKLE ARG & TR PY								192796				0.47
										4.5 - 4.8 V WK CRACKLE MASSIVE QTZ WITH VAGUE SHADOWS DOLOMITE GRAINS.									7.50			
8										4.8 - 5.6 HIGH SULFIDES - TYPICAL DENDRITIC FRACTURE & OPEN SPACE FILLING - SULFIDES SEGREGATED WITH SPH SERICITE FROM PY SERICITE FROM QTY. ETC 4.8-5.6 ~~90~~ SPH/15 PY/15 GALENA & TR CPY			8				192797		7.90			12.36
																	192798		8.65			4.82
																	192799		9.3			0.30
10																	192801		10.0			2.72
	35	✓	✓	✓						5.6 - 7.5 NE COARSE ARG FRAC FILLING - 5% DOL CLUSTERS & GHOSTY FRAGS LS FRAG AT 5.7 AND BROKEN CORE WITH LS STOCKWORK FRAG			10				192802		10.6			2.01
	40	✓	✓	✓													192803		11.6			1.99
12										6.7 - 7.0 ONLY TRACE SULFIDES (5.6-5.8)			12					192804				0.04
	20	✓	✓							7.5 - 7.9 AS 5.6-7.5 BUT FEW COARSE CLOTS SPH									13.0			
	40	✓	✓	✓						7.9-8.23 LS STOCKWORK FRAG WITH NE GRAPHITIC PARTING CONTACTS.							192805		13.25			0.02
14	100	✓		✓						8.23 - 9.3 QTZ - DOL CARB FRAG TYPE VN.			14				192806		14.1			<0.01
	35	✓	✓							MOD CRACKLE & FEW LS & ARG FRAGS.												
										8 cm ZONE (8.9) OF CRACKLE GALENA SPH.												
										~~50% CONSUMED TR TO NVS FOR REMAINDER.~~												

CASING C EV : GROUND ELEV. : E : PAGE No. 2 OF

COORD ES : N. E. DATE FINISHED : REF. TO CLAIM CORNER : DOGDD - 14

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS:	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M) 14.1	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/t
										DESCRIPTIVE GEOLOGY													
										9.3 - 13.25 ARGILLACEOUS LIMESTONE.													
										9.3 - 10 BIOTITE CORE - COARSE WK QTZ-DOL-CARB								192807					<0.01
16	35	✓	✓							STOCKWORK NVS.			16						16.3			WK	
										10 - 10.6 STOCKWORK & FRAGMENTAL BX.								192808	16.8			FRAC	0.96
										10.6 - 11.6. MICROLITIC LIGHT LS ZONE												15-20°	
										UNDULATING ALONG AXIS. → BOUDINY QTZ-DOL IN												FOLIA	0.01
18	50	✓		✓						CORES IS MYLONITE. TR DISSEMINATED BLEBS PY			18					192809				PARTING	
										AND FEW 30°/0.3mm BANDS (10.65 & 11.35 EA)									18.5			IN ARG	
										11.6 - 13 WK STOCKWORK SUPERIMPOSED ON WK								192810					1.16
										UNDULATING BOUDINY SEGMENTED ZONE ALONG AXIS.									19.35				
20	15	✓	✓							13.0 - 13.25 ACUTE ANGLE VEINING AND STOCKWORK			20					192811					0.01
	60	✓	✓							QTZ-CARB NVS.													
	90	✓	✓							13.25 - 14.1 QTZ DOL CARB WK CRACKLE. FEW OPEN									21.0				
										VUGGY FRACS - WK OXIDIZED. NVS. UPPER CONTACT								192812					0.06
22	2	✓		✓						WK GRAPHITIC PARTING LOWER HIGHLY IRREGULAR			22						22.1				
										INTERGROWTH WITH NO APPARENT ASSIMILATION.								192813					0.02
	45	✓	✓							14.1 - 16.3 ARGILLACEOUS LIMESTONE.									23.35				
										14.1 - 15.6 1 - 5 CM WK BOUDINED FOLIA FRAGMENT								192814					0.30
24	5	✓		✓						TYPE DID. CARB AT 10° TO AXIS.			24						24.08				
										15.6 TIGHT WK GRAPHITIC SHR AT 35°													
										15.6 - 16.3 TURBIDITE FLOW BANDED - WK MYLONITIC													
										CONTORTION ZONE WITH AN APPARENT													
										FOLD AXIS AT 15.9 MOD-HIGH DENSITY													
										< 3mm VNLETS - SEGS AND BOUDINS NVS.													
										16.3 - 16.4 CARB/LS BRECCIA / CONTACT AT 50°													
										16.4 - 19.3 QTZ VEIN: WHITE MASSIVE WITH													
										10% GHOSTY YELLOW CARB CLOTS & FEDL													
										FILLING													
										WEAK CRACKLE TO 16.8 WITH GALENA FILLING													
										AND MINOR DOLOMITE GRAINS.													

CASING ELEV : GROUND ELEV. : E : PAGE No. 3 OF

COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER : 006DD-14

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS:	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX.	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb)
										DESCRIPTIVE GEOLOGY													

18.65. SPHALERITE CLUSTERS ALONG INVISIBLE FEAT OR INTERNAL GRAIN BOUNDARY ? 5% OVER 2CM ZONE

19.14 TRACE FINE SPELES SPH.

19.84 - 19.8 4% GEOPHYTIC SULPH.

MILD FIZZ 19.15 → STRONG FIZZ 19.2 - 19.3.

19.3 - 21.0 ARGILLACEOUS LIMESTONE. MINOR BOUDIN QTZ CARB FOLIA VNLETS ALONG AXIS TO ALTER ANGLE 10 CM QTZ CARB AT 20.32 - 20.42. AND COARSE FEATHERY BOUDIN & STOCKWK TO 20.55 CONCENTRATION OF WK BOUDINS - WK FOLDED QTZ CARB FOR 10 CM ABOVE LS ARG CONTACT

21 - 22.1 PYRITIC ARG - MASSIVE TYPE ALTHOUGH HIGH DENSITY MINOR CRENULATIONS AND DISTORTIONS IN OVERALL FABRIC.

22.1 - 23.5 ARGILLACEOUS LIMESTONE. PROGRESSIVE INTENSIFYING COMPRESSION DOWN SECTION TIGHT OPEN MINOR FOLDS INTO ARG-LS MYLONITE BRECCIA RUNNING ALONG AXIS.

23.5 - 24.08 PYRITIC ARGILLITE AS 21 - 22.1

24.08 EOH.

00 GDD - 14

SAMPLE #	FROM	TO	LENGTH	DESCRIPTION	Au		Ag		Cu		Pb		Zn			
					ppb	gm	ppm	gm	ppm	%	ppm	%	ppm	%		
192792	2.54	3.0		ARG.												
793	3.0	4.28		LS STKWRK & ASSIM												2.54 –
794	4.28	4.74		QTZ VEIN												6.0
795	4.74	5.60		HIGH SULFIDES												SAW
796	5.60	7.50		VEIN TR SULFIDE												
797	7.50	7.90		HIGH SULFIDES (SPH)												
798	7.90	8.65		VEIN & LS HORST												
192799	8.65	9.3		HIGH SULFIDES (GAL)												
192801	9.3	10.0		QD. VEINING												
802	10.0	10.6		HOST												
803	10.6	11.6		BX STRINGERS												
804	11.6	13.0		HOST												
805	13.0	13.25		CONTACT STKWRK.												
806	13.25	14.1		QTZ VN TR SULFIDES												
807	14.1	16.3		HOST LS												
808	16.3	16.8		CONTACT BX & VN 2%/GAL												
809	16.8	18.5		QTZ VN NVS.												
810	18.5	19.35		VN. TR SPH & CONTACT												
811	19.35	21.0		HOST LS												
812	21.0	22.1		HOST ARG.												
813	22.1	23.35		HOST & CARB LS BX												
192814	23.35	24.08		HOST ARG.												
192800				STANDARD B.												

OD GDD - 14

BLOCKS		RECOVERY			RQD		PHOTO
FROM	TO	INTERVAL	ACTUAL	%	LENGTH	%	ROLL / PRINT
0	2.13	CASING.					
2.13	2.54	RUBBLE					3 # 24
2.54	5.18	2.64	2.64	100	2.53	96	Boxs 1-4
5.18	8.23	3.05	2.90	95	2.0	66	2.13 (2.54)
8.23	11.28	3.05	2.82	92	1.5	49	—
11.28	14.33	3.05	2.87	94	2.2	72	24.08
14.33	17.37	3.04	3.07	101	2.6	85	
17.37	20.42	3.05	3.13	103	2.4	79	
20.42	24.08	3.66	3.43	94	2.59	71	EOH.
2.54	24.08	21.54	20.86	96.8			

CASING C EV : GROUND ELEV. : DATE :

COORDS : 487 N. 562.5 E. DATE FINISHED : 28 SEPT 2000

INCLINATION : -45 AZIMUTH : 200 TOTAL DEPTH : 81.38

PAGE No. 1 OF 7

REF. TO CLAIM CORNER : 00 GDD - 15

LOGGED BY : Pahat & Rad

AVG. CORE RECY/HOLE 92.8

DESCRIPTIVE GEOLOGY

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/VN	MINERALS/SEPTA	GEOLOGY
2	10	✓		✓					
	10	✓		✓					
	60	✓	✓						
	15	✓	✓	✓					
	60	✓		✓					
4	20	✓	✓	✓					
6	80	✓		✓					
	10	✓		✓					
8	40	✓	✓	✓					
	5	✓	✓	✓					
10	20	✓	✓	✓					
	10	✓		✓					
	5	✓	✓						
12	10	✓	✓						
	10	✓	✓						
14	5	✓	✓						

COMMENTS:

0 - 1.22 CASING.

1.22 - 1.9 QUARTZ VEIN. MOD ARGILLIC - ARG. BROKEN CORE - NVS.

1.9 - 11.25 ARGILLITE / VEIN / LIMESTONE COARSE FRAGMENTAL CONTACT? ZONE.

1.9 - 2.1 ARG 2.1 - 2.4 BROKEN OXIDIZED SILICIFIED

2.4 - 9.25 ARGILLACEOUS LIMESTONE - DARK GREY DISTINCT BANDED

2.4 - 2.6 MINOR CARBONATES PSEUDO MYLONITIC CONTACT ZONE? 2.65 FRAGMENT OF SAME IN DARKER BANDED MATERIAL.

2.7 - 3.4 BROKEN CORE.

3 - 3.4 BROKEN SEGS WITH QTZ-DOL-CARB ± A 10 CM INTACT PEICE OF VEIN.

FIND SEGMENTS OF LOW FIZZ & HIGH FIZZ WITHIN SECTION.

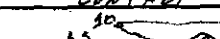
4.25 - 5.38 ARG

5.38 - 5.55 LIGHT HIGHDENSITY CARB STRINGER LS.

5.55 - 5.63 ARG.

5.63 - 5.82 LIGHT GREY LS AS 5.38 - 5.55.

5.82 - 6.16 QTZ DOL VEIN WITH ARG FRAGMENTS AND FF. WK COARSE BRECCIA. BOTTOM CONTACT A 5mm CARB VEIN CONTACTS OPPOSING



6.16 - 8.73 ARG WITH LS FRAGS AT 7.5 AND ½ CORE ALONG AXIS. FROM 8 - 8.4.

8.73 - 9.63 THIN BANDED MEDIUM GREY LS.

9.63 - 10.25 COARSE FRAGS OF LS AND ARG AND QD VEIN JUMBLED TOGETHER - CANNOT TELL WHAT IS FRAGMENT OR GROUNDMASS.

SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/t	BC
							1.22					1.22
						192815	1.90			BROKEN	0.07	
	2					192816	2.4			BROKEN	BROKEN	
						192817	3.0				0.06	
						192818	3.4			BROKEN	0.02 BROKEN	
						192819	4.25				0.03	Bot
	4					192821	5.82				0.03	
						192822	6.20			WK BROKEN BRITTLE ALONG	0.13	6.6
	6					192823	8.0			7-10 PER METRE	0.06	
	8					192824	9.63				0.35	
						192825	10.25				0.21	Bot 2
	10					192826	10.9				0.82	
						192827	11.75				0.20	
	12					192828	12.65				0.22	
											0.01	12.15
	14					192829	14.5			60 17 F B	0.01	

15.5

CASING C ELEV : GROUND ELEV. : DATE : PAGE No. 2 OF 7

COORD ES : N. E. DRILL FINISHED : REF. TO CLAIM CORNER : 00GDD-15

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY

COMMENTS:

AVG. CORE RECY/HOLE

DESCRIPTIVE GEOLOGY

10.25 - 10.9 QTZ-DOL CARB VEIN - SUGARY DOL- NO CLUSTERS MOD CRACKLE. LOCAL WK VUGGY (10.45) CRACKLE MAINLY ARG BUT IN VUGGY SECTION AROUND 10.45 A V. FINE GRAINED MVD LOOKING PY TR SPECKS GALENA IN AREA BUT NOT APPARENT IN PY.

10.9 - 11.75. CONTACT ZONE BRECCIA.

10.9 - 11.05 LIGHT CARB VNLETED LS.

11.05 - 11.35 MASSIVE DARK GREY THIN LAMINATED LS WITH NO ARG VEINING.

11.35 - 11.5 DENSE TIGHT ARG MYLONITE.

11.5 - 11.75. LIGHT GREY LS/CARB CONGLOMERATIC LOOKING BRECCIA. 11.75 CONTACT OPEN? FILLED WITH SURFACE MVD.

CONTACTS BETWEEN UNITS ABOVE VARY; SOME SLIPS AND/OR PARTINGS; SOME CAST AND MOLD.

ENTIRE SECTION SHOWS VARIATIONS IN FOLIA - BOT GENERAL TREND IS PARALLEL → 15° OF AXIS.

BOTTOM CONTACT ZONE MORE ANGLE AT

11.75 - 21.65 LIMESTONE (ARG LS?) VERY MINOR ARG ESCEPT AS SLIPS STRONG DISTINCT UNIFORM MEDIUM GREY AND DARK BLUISH GREY BANDS. 5-50 mm INTERLAYERED WITH NUMEROUS GENERALLY MYLONITIC WHITE CARBONATE RICH BANDS < 10mm FEW CASE THESE BANDS HAVE FIBROUS TEXTURE WITH CPER AT NEAR RIGHT ANGLE TO BAND 10-15 / METER. SEVERAL CENTIMETER TO CM FINELY DISSEMINATED PY

13 - 16.5 3% 2cm QTZ-CARB FRAGMENTAL - FOLIA REMAINDER MOD DENSITY & LOOKING AND MINOR WASH.

SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX.	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt	BC
	16					192829	16.5					
							17.45				0.04	Box 3
	18					192831						17.8
							19.0				0.01	
	20					192832						
							21.2				0.01	Box 4
	22											23.1
							23.8				0.02	
						192833	25.3					Box 5
	26					192834	26.15				0.01	
						192835	26.55				<0.01	
	28					192830	27.95				0.03	
							29.3					28.65
	30					192837					0.02	

WK FRACTURING ON FOLIA PLANES 18.2 - 19.8 BROKEN

WK BROKEN

CASING C ... EV : GROUND ELEV. : ... : PAGE No. 3 OF 7

COORD... ES : N. E. DATE FINISHED : REF. TO CLAIM CORNER : 00GDD - 15

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FINE SILICA	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS/SEPTA	GEOLOGY
30	20	✓	✓	✓					
	100	✓		✓					
32	10	✓	✓						
	40	✓	✓						
34	10	✓	✓						
36	7	✓	✓						
38	30	✓	✓	✓					
	2	✓		✓					
	7	✓	✓	✓					
40	5	✓	✓						
	7	✓	✓						
42									
	15	✓	✓	✓					
44									
	5	✓		✓					

COMMENTS:

AVG. CORE RECY/HOLE

DESCRIPTIVE GEOLOGY

16.5 - 17.45 QTZ-DOL CARB VEIN WITH 40% LS HORSTS OR REMNANTS AS VN APPEARS FOLIA PARALLEL WK AEG SERICITE - WKS.

17.45 CONTACT SLM MYLONITIC BX 60° TO AXIS

17.45 - 21.65 APPEARS TO BE A NARROW TURBIDITE TYPE ARGILLACEOUS BAND OR POSSIBLE SERIES RUNNING AT LOW ANGLE TO CORE AXIS RESULTANT IN BROKEN & CORNED CORE SIZES. SEVERAL SEGMENTS SHOW QDC VEINING AS WELL AS QC VEINLETS. HOWEVER THIS BREAKAGE MAY BE DUE TO RUSHING A. WORN OUT BIT. (PERSONAL OBS)

21.65 - 23.8 SILTY LS OR LIME SILT - FAIRLY UNIFORM WITH BANDING USED TO DISTINGUISH 1 x 2cm QDC AND FEW VNLETS ALL @ 40° TO AXIS AND CUTTING FOLIA. AS WELL AS VERY WK E-CUTTING VNLET ARRAY - RARE BLEB PY IN CARB ALTST.

23.8 - 30.85 ARGILLACEOUS LIMESTONE FAIRLY TYPICAL WITH 5-10% ARG INTERBANDS AND LACKING THE UNIFORM COLOUR BANDING OF THE 16.75-21.65 SECTION.

23.8 - 25.3 TENSION CARB PREDOMINATE OVER WK STOCKWORK - MINOR BX 24.3-24.5 & LOCAL COARSE QC SEGMENTS : 1 x 2cm VNL.

25 & 25.3 SEVERAL FIBROUS FEATURE BANDS

25.3 - 26.15 2 x 20 cm QTZ CARB / LS BX'D AROUND MOD STOCKWORK.

26.15 - 26.61 TENSION CARB.

26.61 - 27.95 BRECCIA'D BOUDINY SEGMENTED QTZ-DOL CARB VEINS AND BRECCIA ZONES AND MINOR ARG BANDS OFFSETTING LS FRAGS. WKS

SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppm) g/mt
						192838	30.85			WK BROKEN VEIN	<0.01
	32						31.7				
						192839				BROKEN BAD BIT.?	0.02
	34						34.5			MINUTE 35.66	
	36						36.65			35 F	0.01
	38					192841	38.71				
						192842	39.4			45 40 F	0.04
	40						40.3				
	42						43.0			90 F	0.03
	44					192843	44.5			55 F IN ARC	

CASING C ELEV : GROUND ELEV. : DATE : PAGE No. 4 OF 7

COORD S : N. E. FINISHED : REF. TO CLAIM CORNER . DOGDD-15

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FINE SILICIFICATION	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS/SEPTA	GEOLOGY

COMMENTS:

AVG. CORE RECY/HOLE

DESCRIPTIVE GEOLOGY

SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX.	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt	BK
	46					192844	45.5			25 / F	0.02	Box B 46m
							46.4					
						192845				F	0.01	
	48						47.8			20 / F		
												Box 9
	50									35 / 25 / F		
							51.8					51.8
	52					192846				V.W.E FOLIA PARTING	0.01	
							53.5				0.04	
						192847	53.8					Box 10
	54					192848	54.8			20 / F	0.03	
	56						56.2				0.02	
						192849						57.9
	58						57.9			25 / F	0.02	
						192850						
	60											

29.3 - 30 ARGILLACEOUS MYLONITIC ALONG AXIS? WITH SEGMENTS QDC & QC. CONTORTED TURBIDITE FEATURES AND MOD BROKEN CORE.

30 - 30.85 CONTORTED SEGMENTED LS WITH SEGMENTS QTZ CHERT CLIVAGE WK COARSE BY FABRIC. MOD BROKEN CORE

30.85 - 31.7 QTZ DOLOMITE Vn. V. WK CRACKLE NVS.

31.7 - ARGILLACEOUS LIMESTONE.

31.7 - 34.5? BROKEN CORE FOR NO APPARENT REASON. HIGH DENSITY FRACT SHOWING BOUDIN & COMPRESSION FOLDING. GENERALLY CONTORTED. MINOR DOLOMITE DEVELOPMENT. (THIS SECTION A PERFECT EXAMPLE OF WHY PEOPLE SHOULD "WHOLE SAMPLE")

36.65 - 38.51 MYLONITIC BY AT 15-20° ALONG AXIS. CHERT FIELDS - SURROUNDED IN LS WITH MINOR ARG - TRACES IN CHERT

38.51 WK OXIDIZED PART / "LOST RETURN BLOCK"

38.51 - 39.7 PYRITIC ARG TYPICAL MASSIVE - THIN LAMINATED. MINOR QTZ DOL VEINING NEAR CONTACTS.

39.7 - 44.05 ARGILLACEOUS LIMESTONE.

40.65 - 41.2 BROKEN CORE - SERIES OF 2cm WK MOVEMENT PLANES AT 40°

42.43 - WK BROKEN - BLOCKY?

43 - 43.65 RECRYSTALLIZED LS.. MASSIVE "BLOTCHY" - FINE CRACKLED FABRIC. NO APPARENT FOLIA. Vn PATTERN ID. 43.45 AS NORMAL.

43.9 - 43.6 QTZ CARB DOL LIMY ARG BRECCIA VEIN? OR SHEAR? NVS.

101

ORIGIN C ...EV : GROUND ELEV. : DATE : ...E FINISHED :

COOR ...ES : N. E. REF. TO CLAIM CORNER : 0066D-15

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt	Bx
										43.65 - 44.05 BRECCIA 60% COARSE LS FRAGMENTS IN A QTZ DOL-CARB FRAGMENTAL TYPE VEIN GROUNDMASS.														
60	5	✓	✓										60											Bo 11
										44.05 - 45.85 PYRITIC ARGILLITE - TYPICAL. THIN LAMINATED PY-CARB ALTST PY SUBHEDRONS 50% QTZ DOLOMITE VEINING TO 44.3 AND ABOVE NORMAL CONCENTRATION THROUGHOUT. OTHER ANOMALY IS FOLIR AT 55° Vs SURROUNDING LS AT 25-30 BOTTOM CONTACT CONFORMS AT 30°													62
64	10	✓	✓										64											
										45.5 - 45.85. 7% VEINING AND INCREASED PY BOTH IN INLETS & SUBHEDRONS 10% Ay.														Bo 12
66	5	✓	✓										66											
										45.85 - 53.55 ARGILLACEOUS LIMESTONE. 45.85 - 46.8 WK SILICIFIED OVERPRINTED BY A FEW COARSE BLOTCHY CARB & CUTTING VEINS. 46.8 - 47.8 CONCENTRATION OF QTZ CARB VEINING AROUND WK SHEAR ZONE 47.2 - 47.3. 43.9 - 51.8. LOCAL CONTORTED FOLDED BANDS WITH FIREBOWS FEATURES IN FCRB - FOLIA SWIRLS AND MINOR BOUDINY VEINING. FEW OBVIOUS OFFSETS ALONG FOLIA PLANES. 51.8 - 52.5 HIGH CONC CARB - MAINLY FOLIA AROUND A 5 cm BRECCIA BAND AT 32. 52.8 - 53.2 MOD BX ZONE - REMAINDE OF SECTION 52.5 - 53.55 TENSION TYPES RADIATING RADIATING ACUTELY FROM LOW ANGLE TIGHT ARGILLACEOUS SLIPS.													
68	10	✓	✓										68											68.
70	15	✓	✓										70						69.4					
																		112851	70.6				0.01	Bo 13
72	5	✓	✓										72											
	20	✓	✓																72.9					
	5																							
	40	✓	✓														192852		73.6				<0.01	
74	5	✓	✓										74											74.1
																			74.5					
	30	✓	✓																					

CASING : EV : GROUND ELEV. : PAGE No. 6 OF 7

COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER : 00 GDD - 15

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX.	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt	BC
																			74.5					
	30	✓	✓							53.55 - 54.8. LIMY ARGILLACEOUS MYLONITE WITH SUBCONFORM FRAGMENTAL FABRIC.								192853					0.01	
76										54.55 - 53.7 QTZ (ARG) FRAGMENTAL) BRECCIA			76											
										54.8 - DIRTY ARGILLACEOUS LIMESTONES AND LIMESTONE CONGLOMERATES. AND ARGILLITE									77.6					Bot 14
78	15	✓	✓							RANDOM LENSES SECTIONS WITH VISIBLE BANDING. AS SECTIONS VARIABLE IN GRAIN			78											
										SIZE FROM FINE MASSIVE, THROUGH CRACKLE														
										RECRYSTALLIZED? AS 48-48.65. SOME WITH														79.8
80										FINE FRAGMENTAL ORIGIN (WHATEVER LITTLE CRENTIZE			80											Bot 15
										GROWS AS) TEXTURED. 15-20% ARG AS BOTH FINE														81.5
										GRAINED SHALEY VALVES AND MORE TYPICAL			81											
										CLASSIC WK MICRO MYLONITE.														
										NUMEROUS VARIATIONS IN FOLIA DUE TO														
										BOTH MOVEMENT AND X BEDDING.														
										PRONOUNCED CONGLOMERITIC SECTION 55.4-56.3														
										WITH FEW ARG AND (RARE) SILT? FRAGS														
										UNIT IS WK MYLONITIZED AND FRAGS SHOW TAILS														
										BUT DON'T BELIEVE THEY ARE PORPHYROBLASTS.														
										SEVERAL COARSE BLOTCH QTZ CARB DUE														
										TO SLIPPAGE ALONG AXIS.														
										56.8-57.3 WK TYPICAL LOOKING STRINGER.														
										58 - 60.4 HIGH CONCENTRATION FRAGMENTAL														
										QTZ-CARB DUE TO ~ 5CM? VEIN SEGMENTING														
										ALONG AXIS?														
										67.7 3CM WK MYLONITIC SHEET BY -														
										ARGILLACEOUS - TR PY.														
										69.4 - 70.6 CONT QTZ CARB FOLIA TO 3CM														
										AROUND ARG MOVEMENT ZONE.														
										73.2 9CM FOLIA FRAGMENTAL QTZ CARB.														
										WITH 11 STRINGER HALO 72.9-73.6														

CASING C: ELEV : GROUND ELEV. : PAGE No. 7 OF 7

COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER : 6606D-15

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FINE SITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppb)	BC #
										74.75 - 75.15 MOD STOCKWK.														
										75.15 - 75.5 MYLONITIC BX														
										75.5 - 77.6 SERIES OF MICRO MYLONITES														
										AT LOW ANGLE OR UNDULATING VEINS & VNS														
										81.98 LOH														

SAMPLE#	FROM	TO	LENGTH	DESCRIPTION	Au		Ag		Cu		Pb		Zn			
					ppb	gm	ppm	gm	ppm	%	ppm	%	ppm	%		
192815	1.22	1.9		VN												
816	1.9	2.4		ARG.												
817	2.4	3		LS												
818	3	3.4		VEIN ZONE.												
192819	3.4	4.25		LS												
192821	4.25	5.82		ARG W/ LS												
822	5.82	6.20		VN												
823	6.20	8.0		ARG.												
824	8.0	9.63		LS & ARG.												
825	9.63	10.25		BRECCIA												
826	10.25	10.9		VN WITH SULFIDES												
827	10.9	11.75		CONTACT BX.												
192828	11.75	12.65		LS HOST.												
192829	14.5	15.5		HOST 2x2cm & TR BX												
192830	16.5	17.45		VEIN ZONE												
831	17.45	19.0		STRINGERS												
192832	19.0	21.2		"												
192833	23.8	25.3		TENSION & STKWRK												
834	25.3	26.15		BX												
835	26.15	26.55		HOST LS												
192836	26.55	27.95		MIL & BX ZONE												

SAMPLE #	FROM	TO	LENGTH	DESCRIPTION	Au		Ag		Cu		Pb		Zn			
					ppb	gm	ppm	gm	ppm	%	ppm	%	ppm	%		
-192837	29.3	30.85		CONTACT BX & STRINGERS												
838	30.85	31.7		QDC VEIN. MVS.												
192839	31.7	34.5		CONTACT LIMP STRINGERS												
192841	36.65	38.71		MYL BX & CONTACT												
192842	39.4	40.3		ARG LS CONTACT												
192843	43.0	44.5		LS / ARG CONTACT												
192844	45.5	46.9		ARG/LS CONTACT												
192845	46.9	47.8		QTZ CARB VEINS LS.												
192846	51.8	53.5		BX & STKWK LS.												
847	53.5	53.8		BX VN LS/MYL CONTACT												
192848	53.8	54.8		LIMY ARG MYLONITE												
192849	56.2	57.9		STRINGER & STOCKWORK												
192850	57.9	60.4		QTZ CARB VEINING												
192851	69.4	70.6		VNS & MYL												
192852	72.9	73.6		QTZ CARB VN.												
192853	74.5	77.6		BX & MYL												
192820				STRIPPED												
192890				STRIPPED												

00 GDD - 15

BLOCKS		RECOVERY			ROD		PHOTO
FROM	TO	INTERVAL	ACTUAL	%	LENGTH	%	ROLL / PRINT
0	1.22		CASING				
1.22	2.13	0.91	0.65	71	0.36	30	3 - # 26
2.13	5.18	3.05	2.55	84	1.22	40	Boxs 1-3
5.18	8.23	3.05	2.90	95	1.69	55	1.22 -
8.23	11.26	3.05	2.84	93	1.81	59	17.8
11.28	14.33	3.05	3.0	98	2.36	77	
14.33	17.37	3.04	3.05	100	2.67	88	#27 SULFIDES.
17.37	20.42	3.05	2.45	80	1.05	34	3 - # 25
20.42	23.47	3.05	2.95	97	1.65	54	Box's 4-6
23.47	26.52	3.05	3.05	100	2.87	94	17.8 -
26.52	29.57	3.05	2.77	91	1.88	62	34.5
29.57	32.61	3.04	2.50	82	1.42	47	
32.61	35.66	3.05	1.56	MISLATCH 51	0.59	19	
35.66	38.71	3.05	2.52	83	2.40	79	3 - # 30
38.71	41.76	3.05	2.75	90	2.37	78	Box 7 - 9
41.76	44.81	3.05	2.75	90	1.63	53	34.5 -
44.81	47.85	3.04	3.1	102	2.52	83	51.8
47.85	50.90	3.05	2.9	95	2.39	78	
50.90	53.95	3.05	3.05	100	2.95	97	3 - # 29
53.95	57.0	3.05	3.07	101	2.85	93	Boxs 10-12
57.0	60.05	3.05	3.01	99	2.25	74	51.8 -
60.05	63.09	3.04	3.05	100	2.55	84	68.6
63.09	66.14	3.05	2.97	97	2.77	91	
66.14	69.19	3.05	3.0	98	2.97	97	
69.19	72.24	3.05	3.05	100	2.7	89	3 # 28
72.24	75.29	3.05	2.95	97	2.95	97	Box's 13-15

BLOCKS		RECOVERY			RQD		PHOTO
FROM	TO	INTERVAL	ACTUAL	%	LENGTH	%	ROLL / PRINT
75.29	78.33	3.04	2.95	97	2.83	93	Box# 13 - 15
78.33	81.38	3.05	2.96	97	2.75	90	68.6 - 81.38 EOH
1.22	81.38	80.16	74.35	92.8			

CASING : ELEV : GROUND ELEV. : DATUM :

COORDINATES : 572.5 N. 514 E. DATE FINISHED : 29 SEPT 2000

INCLINATION : -45 AZIMUTH : 200 TOTAL DEPTH : 44.81

PAGE No. 1 OF 5

REF. TO CLAIM CORNER : 00GDD-16

LOGGED BY : Robert E Reid

AVG. CORE RECY/HOLE 98.4

DESCRIPTIVE GEOLOGY

0 - 1.22 CASING.

1.22 - 4.66 CORED BOULDERS AND SURFACE MUD PEBBLE CONGLOMERATE - BOULDERS HIGH DENSITY QTZ CARB STOCKWORK BRECCIAS IN LS INTRUDED BY SEVERAL FRAGMENTAL FABRIC QTZ CARB DOLOMITE VNS NVS.

4.66 - 4.9 MYLONITIZED LS AROUND 4cm BRECCIA VN.

4.9 - 7.25 MASSIVE MEDIUM GREY LS WITH MODERATE TO STRONG STOCKWORK AND SOME STOCKWORK BRECCIA. 6.8 - 7.25

5.2 & 6.7 1-3cm YELLOWISH FRAGMENTAL QTZ CARB VEINS CUTTING STOCKWORK

7.25 - 11. HOST LS THIN BANDED DEFINITIVE FOLIA COLOUR BANDED VARIETY - WITH MICRO MYLONITES

11 - 30.3 ARGILLACEOUS LS. FAIRLY TYPICAL MAINLY BLUE GREY WITH ACC BANDS AND MOVEMENT ZONES AND VEINLET FOLIA ANGLES.

7.25 - 7.35 LS "BLANK" TO MAKLINE STRINGERS.

7.35 - 7.75 FINE (1-2mm) QTZ CARB TENSION GASH BRECCIA.

7.75 - 9.33 LS WITH MINOR TENSION GASHES AND 4% 1-3cm GRAY QZ FOLIA VNS 7.8 - 8.3.

8.25 - 8.9 2mm VN ABOVE AXIS SHOWING STEP LIKE MINOR OFFSETS BETWEEN BANDS SOME CLEAN BREAKS - SOME JUMBLED (CUTE.)

9.33 - 10.42 VEIN ZONE. QTZ DOL WITH COARSE FRAGMENTS PARTIALLY ASSIMILATED LS. SOME OF FRAG TOTALLY SILICIFED NO FIZZ

DEPTH (M)	% VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/VN	MINERALS/SEPTA	GEOLOGY	SHEAR	DRILLING INTERVAL & % CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb) -/+ g	SC #
																4.66					1.22
	50	✓	✓												192854	4.9				0.02	
	(8)	✓	✓	✓	F										192855	5.9				<0.01	Box 1
	20	✓	✓												192856	6.5				<0.01	
	5	✓	✓	✓	F										192857	6.8				<0.01	
	40	✓	✓												192858	7.35			70/45 F	<0.01	7.25
	25	✓	✓												192859	7.75				0.02	
	F 20	✓	✓		F										192861	9.33				0.03	
	5	✓	✓										5 SPH						Wk-Mod Mostly		
	VN 50	✓		✓									Gained (Top)						Wk Grayish	0.43	
	3														192862	10.42			Irreg	0.05	Box 2
	50	✓		✓									TR		192863	10.77			Planar	0.09	
	80	✓		✓									30		192864	11.24				4.10	
	80	✓	✓	✓											192865	12.28				0.01	
	7	✓	✓										NVS		192866	12.80				0.04	12.95
	50	✓	✓												192867	13.4				0.04	
	7	✓	✓	✓									SPH		192868	14.33			70/ F	0.06	
															192869	15.18					

CASING : EV : GROUND ELEV. : E :

COORDINATES : N. E. DATE FINISHED :

INCLINATION : AZIMUTH : TOTAL DEPTH :

REF. TO CLAIM CORNER : 00 6DD - 16

LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/VN	MINERALS/SEPTA	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt	BC #
	VN									CONTACTS SHARP UNDULATING WITH NO APPARENT						8% CAL SPH			15.19					
	50	✓		✓						ASSIMILATION ON BOTTOM CONTACT - UPPER HAS LGRB								192870				0.12	
16						N				FRAG LIKE BLOTCHS WITHIN VEIN BUT NO APPARENT			16						16.2					
	90	✓		✓						ALTERATION TO HOST.						NVS		192871				0.06	80
	3	100				BL				TYPICAL DENDRITIC FRAC FILLING TYPE SPH > GALENA						40		192872	17.13			0.12	3
	50	✓		✓		W				WITH TRACES CPY IN LOCAL CONCENTRATION ZONES.						NVS		192873	17.37			0.19	
18										10.42 - 10.77 LS.			18						18.0					
										10.77 - 12.28 QTZ-DOL VEIN ZONE.								192874				0.03	18
										10.77 - 11.15. BOUDINY QTZ DOL VEINING WITH									19.0				
	10	✓	✓	✓						WHAT APPEARS TO BE WK ASSIMILATION OF												0.04	
20										FRAGMENTS 30% PROMINENT DOL CLUSTERS ↓NVS.			20					192875					
										11.15 - 12.28 COARSE ASSIMILATED FRAG BRECCIA									20.85			0.04	BOX
	40	✓	✓	✓						WITH MOD COARSE GRAPHITIC 'ARG' MATRIX. 5% LOCAL								192876	21.5				4
	100	✓		✓						DOL. HIGH CONC SPH > GALENA BOTH AS DENDRITIC						GSP		192877	21.95			0.17	
22	7	✓	✓							FF AND IN NEAR MASSIVE BLEBS			22										
	25	✓	✓							BOTTOM CONTACT ? A RECONSOLIDATED SHEAR								192878				<0.01	
										BX ?									24.0				
24	10	✓	✓							12.28 - 12.80 QTZ COARSE FRAGMENT VEIN			24					192879	24.35			0.05	24.3
		✓		✓						WITH LS FRAGS - MINOR ARG - MINOR DOL.								192880	24.75			<0.01	
	50	✓	✓	✓						NVS.								192881				<0.01	
										12.8 - 13.05 LS.								192882	25.5			<0.01	
	5	✓	✓							13.05 - 13.4 QTZ ARG FRAG VEIN. WK								192883	26.1			0.04	
26	60	✓	✓	✓						BROKEN & LOCALLY (13.15) HOD COARSE			26					192884				<0.01	
	15	✓	✓							OR A SHEAR LS FRAGS IN VEIN									26.86				BOX
	90	✓		✓						ARE BLACK WELL GRAPHITIC AND BLEITIC:								192885				0.03	5
	5	✓		✓						RECONSOLIDATED ?									27.9				
28	50	✓	✓	✓						13.4 - 15.19 LS WITH FRAGMENTAL QTZ ARG			28					192886	28.55			<0.01	
	100	✓	✓	✓						VEIN SEGMENTS & VEINING MOST WITH X CUT								192887	28.9	45/90		<0.01	
	50	✓	✓	✓						PATTERN BUT MUCH COARSER 5-10 mm.												<0.01	
30	10	✓	✓							SEVERAL OFFSET AND 1 X JOINED STEP			30					192888	30.25				30.1
										PATTERN.													

CASING : EV : GROUND ELEV. : D : PAGE No. 3 OF 5

COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER : 00 GDD-16

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/VN	MINERALS\SEPTA	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL % CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppm) g/mt	BQ #
										14.45 3cm ARG-MIL ZONE WITH TR SPH.								31.25					
31	20	✓		✓						15.99 - 17.3 VEIN ZONE:						192889		31.85			40 30	<0.01	
	1									15.19 - 16.0 40% OF SECTION IRREGULAR QTZ						192890		31.45			F	0.01	
32	WEST VEIN 100	✓		✓						DOL CUTTING THROUGH LS. GENERALLY A SORT			32			192891		32.2				<0.01	
	30 ADJ									OF WK SEGMENTED VEIN PATTERN. MEDLEY OF												0.21	BOX 6
	40 A									VEINS 2-3 CM FAIRLY MASSIVE AND CONTAIN MORE							192892	33.7					
34										BLOTCHY SULFIDE MASSES INSTEAD OF USUAL BANDED												<0.01	
										FABRIC.								34.75					
										16 - 17.3 MOD - HIGH CRACKLE - FEW ARG FRAGS &						192893						0.03	35.10
										ASSIMILATED LS - 10% DOL CLUSTERS. NVS.								35.55					
										17.13 - 17.3 6cm (TW) BLUE GREY MASSIVE QTZ/						192894						0.24	
36	30 ADJ									GALENA/SPH ± TR SPH CONTACT THIN ARG,			36					36.4					
										IRREGULAR.						192895						0.18	
	20	✓		✓						17.3 - 18. QTZ DOL ARG VEINING 1-3CM. NVS.						192896		37.1			55	0.04	
	90	✓		✓						17.62 OPEN DIVIDED SLIP/FEATURE WITH 2CM						192897		37.6			F	0.01	
38										BX HALO. AT 35° TO AXIS. AFTER THIS MOST OF			38			192898		38.5					BOX 7
	25									VEINING IN CONTORTED ARGILLACEOUS BANDS													
										AT LOW ANGLES TO AXIS.						192899		39.55			55	0.04	
										18 - 21.5 MILD CONTORTION ZONE WITH VARIBLE											F		
40	2									FOLIA AND CRENULATED ARG BANDS VEINING			40					40.5					
	10									MOSTLY RELATIVELY COARSE 7 5MM AS BOUDINY SEGMENTS						192901		41.1				<0.01	41.20
										OF FRAGMENTAL QTZ CARB. 18.85 6CM MASSIVE													
										QTZ CARB CUTTING ALL AT 60° TO AXIS.													
42										20.85 - 21.55 INCREASING VEIN DEFORTION AS			42								50		
										SEGMENTS ALONG AXIS - DECREASING CARB											F		BOX 8
	2									CONTENT. 21.2 → ARG MIL BLEACHED ALONG													
										LOW ANGLE SLIP - FEW PATCHS IN GALENA													
44										AND SPH AFTER 21.5 1 SPH AS CLAST IN ARG.			44										
	44.81 EOH									21.55 - 21.95 QTZ DOL VN 5-10% ARG FRAGS											EOH		44.81
										AND WK CRACKLE FEW COARSE CONCENTRATIONS													
										GALENA SPH PY WITH DOL CLUSTERS?													

CASING : EV : GROUND ELEV. : P :

COORDINATES : N. E. DATE FINISHED :

INCLINATION : AZIMUTH : TOTAL DEPTH :

REF. TO CLAIM CORNER : 00 GDD-16

LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Hog Suss	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppb)	BC
										21.95 - 24.15 WK - MOD SILICIFIED - CRACK FILL QTZ - CARB 5-10 mm														
										24-24.75 QTZ DOL → DOL QTZ BRECCIA? VN 60% FRAG OF FINE MASSIVE BLACK WK GRAPHITIC ARG? NO GLASTS NO PY NO FIZZ.														
										24.24.35 CHOTS OF FELATIVELY COARSE SPH ALONG WITH GENERAL GALENA AND IRREGULAR ZONE STEEL GALENA? AS: 17.13 + SECTION.														
										DOL QTZ 24.55 → 80% PALE YELLOWISH GRANULAR DOLOMITE. NVS 24.35 - 24.75.														
										24.75 - 26.5 QTZ CARB BRECCIA TO 25.2 WITH ROTATED LG FRAGS INTO STKWK ZONE TO 26.5														
										25.5 - 26.1 RECRYSTALLIZED / DACT MASSIVE MOTTLED LS ON BORDERS OF PYRITIC ARG BAND AT 20° TO AXIS.														
										26.1 - 26.86. BX INTO STOCKWK SIMILAR TO 24.75 - 26.5. TOP CONTACT VEIN CUTOFF. BOTTOM IRREGULAR FRACTURE AT ≈ 90° TO AXIS.														
										26.86 - 27.9 PYRITIC ARG. TYPICAL VARIETY 27 → 6cm QTZ DOL IRREGULAR 20° TO AXIS.														
										27.6 - 27.85 QD SWIZL VN WITH FEW SPECKS GALENA														
										27.9 - 28.55 BRECCIA ZONE LS & MINOR ARG FRAGS WITH A PARTIALLY SEGMENTED MIXTURE OF FRAGMENTAL QTZ-CARB & MASSIVE QTZ CARB. NVS														
										28.55 - 28.9 VEIN. - 5cm TOP & 13 cm BOTTOM MASSIVE QTZ ENCROACHING & FRAGMENTAL QTZ CARB (W/ LS FRAGS) NVS.														
										28.9 - 30.35. HIGH DENSITY VOLIA WITH SECTIONS STOCKWK AND BX PLUS MINOR IRREG BX IN HOST NVS														

CASING : EV : GROUND ELEV. : D : PAGE No. 5 OF 5

COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER : 60000-16

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FINE SITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/VN	MINERALS/SEPTA	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVG. CORE REC'Y/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb)	BC #
										30.35 - 31.15. PYRITIC ARG: TYPICAL CLASTY SUBUNIT VARIATION. NOT SO TYPICAL AT 30.75 A 5CM QTZ CARB DOL VN WITH STRINGER ZONE OVER 4CM ON TOP SIDE. 1 PYRITIC FRAC WITH BLEBS PY. CONTACT ZONE 30.35 ALSO VG CORE QCD.															
										31.45 - 36.35 WEST VEIN. MASSIVE MINED QTZ WITH PATCHES WK ARG CRACKLE AND DOL STRINGERS. 32.2 - 33 ; 33.3 - 33.7 35 ; 35.5 - 36. ARGILLACEOUS FRACS AND FLOW SECTIONS. ONLY ABUNDANT SULFIDES ARE PY IN PIECE. CONTACTS FOR R? GEOTECHNICAL SLIPS.															
										36.35 - 37.1 3 x 1-5cm QD VEINS.														
										37.1 - 37.6 QTZ DOL VEIN. AS ABOVE FEW OPEN VUGGY FRACS.														
										37.2 2-5mm CARBONATIC SHEARS AT 20° TO AXIS.														
										37.6 - 38.5 STOCKWORK VEIN BX. (IN ARG?)														
										38.5 39.55 SHEAR ZONE. MYLONITIC BX AROUND BROKEN CORE FRAGMENTAL BX x 38.8 - 39.														
										39 - 44.81 ARGILLITE WITH 10-20% BAND SEGMENTS - FRAGMENTS & "TUFFITES" OF CARBONACEOUS SILT. LOW STRAIN ZONE CLASTS ELONGATE OUT MINERAL STRINGING TAILS DEVELOPMENT ON SURFACES CLASTS AND MORE SUPERIMPOSED IS THE VEINLETS ARE HIGH FIZZ. MAIN STAGE ? PYRRHOTITE VEINS ? 40.3 - 41.1 CARB STRINGER ZONE AROUND 5cm CARB BX 44.81 EOH														

SAMPLE #	FROM	TO	LENGTH	DESCRIPTION	Au		Ag		Cu		Pb		Zn			
					ppb	gm	ppm	gm	ppm	%	ppm	%	ppm	%		
192854	4.66	4.9		BX VN												
855	4.9	5.9		HOST												
856	5.9	6.5		HOST												
857	6.5	6.8		QCD & HOST												
858	6.8	7.35		HOST												
192859	7.35	7.75		STRONG												
192861	7.75	9.33		HOST												
862	9.33	10.42		VN & SULFIDES												
863	10.42	10.77		HOST												
864	10.77	11.24		VEINING - NVS												
865	11.24	12.28		VN & SULFIDES												
866	12.28	12.80		VN												
867	12.80	13.4		QC & SHEAR ?												
868	13.4	14.33		HOST												
869	14.33	15.19		HOST												
192870	15.19	16.2		VEINING & SULFIDES												
871	16.2	17.13		VN - NVS												
872	17.13	17.37		HOST & STEEL GALENA												
873	17.37	18.0		VEINING												
874	18.0	19		HOST												
875	19	20.85		HOST												
876	20.85	21.5		VEINING NVS												
877	21.5	21.95		VN & SULFIDES												
878	21.95	24.0		HOST												
192879	24.0	24.35		VNING & SULFIDES												
192881	24.35	24.75		DQ VNS												

SAMPLE #	FROM	TO	LENGTH	DESCRIPTION	Au		Ag		Cu		Pb		Zn			
					ppb	gm	ppm	gm	ppm	%	ppm	%	ppm	%		
192882	24.75	25.5		BX ; LS HOST												
883	25.5	26.1		RELICTAL LS ; ARG.												
884	26.1	26.86		BX ; LS HOST												
885	26.86	27.9		ARG W/VNS TR GALENA												
886	27.9	28.55		BX ; HOST LS.												
887	28.55	28.9		VEIN												
888	28.9	30.25		BX ; HOST LS.												
889	30.25	30.85		QC VNS IN ARG.												
192890	30.85	31.45		ARG.												
891	31.45	32.2		WEST VEIN												
892	32.2	33.7		" " ; ARG.												
893	33.7	34.75		" "												
894	34.75	35.55		" "												
895	35.55	36.4		" "												
896	36.4	37.1		VNS IN ARG.												
897	37.1	37.6		VEIN												
898	37.6	38.5		STK BX IN ARG.												
192899	38.5	39.55		SHEAR ZONE												
192901	40.5	41.1		CALC VN LETS												
192860				STANDARD A												
192880				STANDARD A												
192900				STANDARD B.												

00 GDD-16

BLOCKS		RECOVERY			RQD		PHOTO
FROM	TO	INTERVAL	ACTUAL	%	LENGTH	%	ROLL / PRINT
1.0	1.22	CASING					
1.22	2.13	0.91	0.63	69	0.62	69	3 # 32
(4.66) 2.13	5.18	(0.52) 3.05	(0.52) 2.10	69	0.98	32	Boxs 1-3
5.18	8.23	3.05	2.98	98	2.82	92	1.22 -
8.23	11.28	3.05	2.94	96	1.77	58	18.6
11.28	14.33	3.05	3.0	98	2.25	74	
14.33	17.37	3.04	2.98	98	2.28	75	
17.37	20.42	3.05	3.02	99	2.83	93	3 # 31
20.42	23.47	3.05	3.05	100	3.02	99	Boxs 4-6
23.47	26.52	3.05	2.93	96	2.46	81	18.6 -
26.52	29.57	3.05	2.98	98	2.45	80	35.66
29.57	32.61	3.04	2.95	97	2.13	70	
32.61	35.66	3.05	3.10	102	2.63	86	
35.66	38.71	3.05	3.0	99	2.18	71	3 # 30
38.71	41.76	3.05	3.0	98	1.85	61	Box 7 & 8
41.76	44.81	3.05	3.07	101	2.95	97	35.66 -
							44.81 EOH.
1.22	44.81	43.59	41.73	95.7			
4.66	44.81	40.15	39.52	98.4			

CASING C EV : GROUND ELEV. : DATE :

COORL ES : 417 N. 554 E. FINISHED : 30 SEPT 2000

INCLINATION : -45 AZIMUTH : 024° TOTAL DEPTH : 81.38

PAGE No. 1 OF 8

REF. TO CLAIM CORNE 00GDD-17

LOGGED BY : Peter E Ver

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt	BK
										0-6.1 CASING.														
										CORE STARTS 5.8.														
2													2											
4													4											
6	20	✓	✓							5.9 - 17.52 ARGILLACEOUS LIMESTONE. MANLY DARK SLVE GREY MASSIVE TYPE - MINOR LIGHTER COLOUR BANDS 5-10% ARG XENOLS FOLIA & MOVEMENT PLANES. FROM COLLAR TO 33 GENERALLY HIGH DENSITY VALET ZONE.			6													6.
	7	✓	✓																					
8	15	✓	✓										8						8.45					Bot
	40	✓	✓	✓														192902					0.01	1
	35	✓	✓							FEW SHORT SECTIONS OF TENSION FEATURES BUT GENERALLY COMPRESSION ZONE WITH CONTORTED FOLDED FOLIA AND SEVERAL MYLONITIC & AND FRAGMENTAL BRECCIA ZONES 5-10cm									9.43					
10	90	✓	✓	✓									10					192903	10.1				0.01	
	5	✓	✓															192904	10.82				<0.01	10.8
	50	✓	✓	✓														192905	11.28			65 F	0.07	
12	40	✓	✓							5.8-6.8 WK MOD TENSION GRSV. 6.8-9.43 GENERALLY CONTORTED MODERATELY FOLIATED 3% CARB/LS BRECCIAS AND A FEW ARGILLACEOUS "TURBIDITE" ZONES			12						192906	12.15				0.07	
	5	✓	✓															192907					0.02	
	7	✓	✓							8.45-9.43 50% OF VEINING. MOD FIZZ QDC GENERALLY BROADER THAN QC									14.0					
14	25	✓	✓										14											
	15	✓	✓							9.43 - 10.1 QFD VEIN MASSIVE MACRO WITH YELLOWISH HUE - FRAG ASSIMILATED AS AND SECTIONS MOD ARG CRACKLE QUIS:														0.03	

157

CASING : ELEV : GROUND ELEV. : PAGE No. 2 OF 8

COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER : 006DD-17

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVG. CORE RECTY/HOLE	SHEAR	DRILLING INTERVAL % CORE RECOVERED	XPY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt	Box
																		14.0					
										10.1 – 10.82 AS 6.8-9.43.						192908						0.03	
	15	✓	✓															15.7					Bo
16										10.82 – 11.1 QCD VEIN ZONE			16									<0.01	2
	15	✓	✓	✓						11.1 – 11.5 ARGILLACEOUS BRECCIA MAINLY FRAG QC						192909		16.25					16
		✓	✓	✓						VEINS IN MATRIX WITH QC IN COARSE CARB FRAGS						192910		16.7				0.02	
	Ls	✓	✓	✓																		<0.01	
	Bo	✓		✓						11.5 – 11.7 QC VEIN.						192911		17.16				0.82	
																192912		17.52				1.09	
																192913		17.81				2.26	
18	30	✓	✓	✓						11.7 – 15.85 MOD CONTORTED MASSIVE FEATHERY			18			192914		18.17					
										MIXED MYLONITE ARGILLACEOUS MASSIVE TENSION												0.17	
	5	✓		✓						VEINING WITH FEW SWIRLS QC AND 15-16 A FEW							192915	19.3					Bo
										LATE "BRIGHT WHITE" QC X CUTTING ALL.						192916		19.77				0.35	3
																192917		20				0.24	
20	35	✓		✓						16.45 – 16.7 QSD – WK BRECCIATED.			20										
			✓	✓						16.9 – 17.16 MICRO MYLONITIC WITH "GOUGE"												0.01	
	25	✓	✓							17.16 – 17.35 QTZ DOL VN. – MULTIPURSE – ASSIM LS							192918	21.5					
										FRAGS. DOL CLUSTERS 3-5% GALENA & SPH.													
22	10	✓	✓							17.35 – 17.52 STRINGER ZONE WITH AT 17.46			22				192919					0.01	22.1
										A 8mm BAND OF GALENA SPH OVERPRINTED													
										ON BOTH STRINGER & HOST LS.								23.47					
	35	✓	✓							17.52 – 17.81 PERITIC ARG – TYPICAL VARIETY													
24	3	✓			✓					25% QD VEINS <1CM) AND BOUDINS. 20% PY.			24					24.45				0.01	Box
										17.81 – 18.15 HIGH DENSITY FOLIA VNLETS IN LS.							192920						4
	15	✓			✓					DOLOMITE CLUSTERS DEVELOPING IN SEAM OF								25.55					
										VNLETS. AND IN A FEW CASES HONEY SPHALERITE						192922						0.12	
26	90	✓			✓					MASSIVE DEVELOPING 2% SPH IN SECTION			26		✓			26.23					
										2 Cm RARE BAND 17.94					✓	192923		26.52				4.05	
	1	✓	✓							18.15 – 19.77 PY ARGILLITE – TYPICAL WITH						192924		27.25				0.02	
										STRETCHED FOLIED SEPTA AND FEW SMALL STRINGER													
28	40	✓	✓							SUBNEDFONS – FAIRLY HIGH DENSITY STRINGER			28				192925					0.01	27.95
										INCREASING TO CONTACTS AND MODERATELY SHEARED								28.62					
	100	✓		✓						DOL CLUSTERS					✓	192926		29.03				7.96	
										19.37-20 QD VN / MYLONITIC BX												0.05	
30	5	✓	✓							CONTACT ZONE. VN SEGMENTED ? OF BOUDINS ?			30		✓		192927	30.23					

CASING : ELEV : GROUND ELEV. : PAGE No. 3 OF 8

COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER : 00 GDD-15

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS:	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	RQD	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt	B
										DESCRIPTIVE GEOLOGY														
										GALENA BY CONTACT AT 19.75 AND SDC AT 19.95.						✓			30.23					
	70	✓	✓	✓						20 – 22.4' MOD CONTORTED.							192928		30.71				9.08	
	70	✓	✓	✓						20.22 – 21.0 VEIN ZONE OR COARSE BX						✓	192929		31.4				0.46	Box
32		✓	✓	✓						FRAGMENTAL QTZ-CARB WITH APPEARANCE OF			32				192930		31.6				2.00	5
	15	✓	✓							DOLOMITE CLUSTERS TRYING TO DEVELOP.							192931		0.02					
										WITHIN 20.22-21' FINE MASSIVE DC FRAGMENTAL DC									32.72					
										& "BRIGHT WHITE" QC.							192932		33.17				0.05	33.
34	3	✓	✓							23.1 – 23.47 INTERBANDED ARG LS & CARB VEINING			34											
										ARG BAND 23.1-23.2 WITH CARB CRYPTIC BEDDING									34.95				<0.01	
	30	✓	✓	✓						23.47 – 23.86? MUD – SHEAR GOUGE – LOST CORE							192933		35.35					Box
36										23.9 1CM QTZ-DOL FRAGMENT ARG SHEAR BY?			36											6
										23.95 – 24.45 ARGILLITE														
										24.45 – 25.55 ARGILLITE MYLONITIC BY. HEAVILY														
	3	✓	✓							CONTORTED TIGHT FOLDED COMPRESSIVE 15% WHITE									37.9					
38										QTZ DOL SEGMENTS AND 30% LIGHT GREY			38				192934		38.4				0.01	
	10	✓	✓							SEGMENTS SILTS? OR ALTERED VNS? SOME PYRITE														
										25.55 – 26.52 QD VEIN														39.A
	3	✓	✓							25.55 – 26.25 HORSTS OF HOST RETAINING												65/35		
40										FOLIA – OCCUR AS BAND AND FOLIA SEGMENTS			40						40.45			F		
	10	✓	✓		✓					ARE TO 26.13 – LS 26.13-26.25														
										26.25 – 26.52 MASSIVE WK CHLORITE –													0.04	
	15	✓			✓					GALENA SPH CHLORITE ZONE 1CM NEAR 13 &							192935		41.87					Box
42										GALENA BY & TR CPY 5MM AT 26.5			42										0.02	7
	20	✓	✓							26.52 – 27.25 THIN LAMINATED THIN BANDED							192936		42.97					
	60	✓	✓		✓					MEDIUM GREY LS TO ARG 20 – BOUDINY OR													0.51	
										ELIPSOID CARB LIES IN FOLIA. (THIS IS SAME							192937		43.35					
44	20	✓	✓	✓						AS AT 26.13 – 26.25)			44										0.04	
	70	✓	✓	✓						27.25 – 28.48 HIGH DENSITY QC STOCKWORK – TENSION							192938		44.81					45.6
										BRECCIA.														

CASING : EV : GROUND ELEV. : PAGE No. 4 OF 8

COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER : 006DD-17

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS:	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt	Bl
										DESCRIPTIVE GEOLOGY														
	1									28.48 - 28.62 LIMY ARG - TIGHT DENSE THIN LAMINATED									45.78					
46	10	✓		✓						28.62 - 29.0 QTZ-DOL VEIN MASSIVE - MOD			46				192	939	46.28				0.02	
	60	✓		✓						CRACKLE PY GALENA & PY SPH GALENA SPH.							192	941	46.7				0.02	
										29.0 - 40.55 ARGILLACEOUS LIMESTONE THIN LAMINATED							192	942	47.45				0.04	
48	1	✓		✓						THIN COLOUR BANDING 5% ARG FOLIA BANDS			48								15 60			Ba
										ANGULARLY BEDDED - UNIFORM AND COMPACT.											F			8
										SECTIONS OF BANDS SHOWING ALL THE TYPICAL														
										FEATURE - COMPRESSIVE FOLDING - STEP VNS.														
	3	✓	✓							ARG MICRO MYLONITES AND VEINING BETWEEN.														
		✓		✓						"A MICROCHASM ZONE"														
50													50											50.5
	20	✓		✓						30.23 - 30.71 VEIN ZONE. BOUDINY QC X 2 TO														
										30.45 AND MOSTLY QP SEBS WITH QC AFTER FORMING												55		
	3	✓		✓						A MYLONITIC BRECCIA - MINOR ARG CRACKLE.												F		
										GALENA, SPH, PY CRACKLE OVER LAST 10 CM									52.0					
52										CONCENTRATING NEAR CONTACT - CONTACTS			52					192943					0.01	
	25	✓		✓						NEAR PARALLEL FOLIA.									53.0					Bot
										31.4 - 31.6 QCD FOLIA CRACKLE WE MYLONITIC														9
54										CONTAINS 5mm FOLIA BOND SPH TR GALENA?			54											
										31.9 - 32.12 WE MOD STOCKWORK DEVELOPED AROUND									54.61					
										IRREGULAR QCD VEIN 50cm? 32.2 - 32.3.							192	944	54.9				<0.01	
	3	✓		✓						32.72 - 33.17 ARGILLITE WITH QD CONCENTRATIONS														
										AT CONTACTS & 7% INTERNAL												45		56
56										34.95 - 35.55 MYLONITIC BX - ARG & LS BANDS			56									F		
										5% PY. CONTACTS AS BOND CONTACTS -														
										NO SHPS									57.5					
	20	✓		✓						3 X < 1Cm QCD VEINS 35.66 - 36.3							192	945					0.01	
58	3	✓		✓						3 X 3Cm QC VEINS 37.9 - 38.4			58						58.2					
	95	✓		✓						REMAINDER OF SECTION PRETTY DRY														
										35.35 - 40.55 HOST. THIN BANDED ARG LS.														
60	3	✓		✓									60											

CASING C EV : GROUND ELEV. : PAGE No. 5 OF 8

COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER : 00GDD-17

INCLINATION : AZIMUTH : TOTAL DEPTH : LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS/SEPTA	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVG. CORE REC'Y/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX.	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt	SX
										45.55 - 41.87 MYLONITIZE BRECCIA - TIGHT COMPRESSED INTERBANDED ARG AND 10% LS. - "MEDIUM GRAINED MYLONITE"								192946	60.55				0.07	Bo: 1C
62	30	✓		✓						41.87 - 42.97 HIGH COMPRESSION - COARSE SEGMENTED. LS MYLONITIZE BX.			60						61.9			50 F		61.
										42.97 - 43.35. BRECCIA VN? MYLONITIZE SILICIFIED SHEAR. QTZ VUG SEGMENTS LS FRAGS AND WHAT LOOKS LIKE SILICIFIED STKWRK BX LS.														Bo:
64	3	✓		✓						43.35 - 44.81 FRAGMENTAL BX. PROGRESSIVELY INCREASING FRAGMENTATION DOWN SECTION WITH QTZ VUG AND LS FRAGS IN DENSE ARGILLITE GROUNDMASS. ONLY TRACE PY.			64											11
66										44.81 - 45.78 SHEARED FISSILE ARG BRECCIA BROKEN GOUGEY SECTION 45.4 - 45.7.			66						66.9					
	10	✓		✓						45.78 - 46.28 FRAGMENTAL BX - AS 43.35 - 44.81							192947		67.65			55 F	<0.01	67.
68										46.28 - 46.7 VEIN? OF TOTALLY SILICIFIED LS STK BX.			68											
	3																		69.5					
										46.7 - 51.95 INTERBAND SILT AND "FISH EYE" ARGILLITES THIN LAMINATED THIN BANDED							192948		70.2			70 F	<0.01	Bo:
70	10	✓		✓						YELLOWISH HUE TO SILTY BANDS DUE TO DOLOMITIZATION? ARG BANDS CONTAIN			70											12
	8	✓		✓						ROUNDED TO ELLIPTICAL PORPHOBLASTS "FISH EYES"? - WITH A FOLIATION PARALLEL TO SLIGHTLY SWIRLING ROTATIONAL TWINS.														
72		✓		✓						APPEARS TO BE SOME INTERLAYERED			72											
	7	✓	✓	✓						BANDS AS WELL AS SOME QUARTZITIC														73.25
74										BANDS. TR - 1% PY IN GRZ (NO FIZZ)			74									F 80		
										LAST OR STRINGER SEGMENTS.														
										MINOR AMOUNT BOUDINY OR SEGS OD VALLETS.														

CASING C .EV : GROUND ELEV. : DATE :

COOR ES : N. E. FINISHED :

INCLINATION : AZIMUTH : TOTAL DEPTH :

REF. TO CLAIM CORNER : OD GDD - 17

LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY
76	30	✓		✓					
	1								
	50	✓		✓					
	20	✓		✓					
	1								
78	15	✓		✓					
	40	✓		✓					
	10	✓	✓	✓					
	1	✓	✓	✓					
	25	✓		✓					
80									
	3	✓		✓					
81.38									

COMMENTS:

AVG. CORE REC'Y/HOLE

DESCRIPTIVE GEOLOGY

FROM 46.7 - 50.31. WEAKLY SHEARED LOOK WITH FRAGMENTED CORE 48 - 48.5 AND GOUGEY - CRUMBLY SECTIONS WITH ALTERED CARB FRAGS 48.5 - 49.

50.31 - 50.51 VN OR SILICIFIED LS ? AS 46.28 - 46.7

51.95 - 53 SILICIFICATION - VEINING ZONE 40% STOCKWORK PATTERN WHITE QTZ DOL VEINS CUTTING AND PARTIALLY ASSIMILATING YELLOWISH GREENISH ARKOSITIC SILTS - MINOR ARG AS LATER CROSSCUT & BRECCIA BAND. RARE SPALL RX.

53 - 55.6. ARG - SILT FRAGMENTAL - 60% ROUNDED YELLOWISH GREENISH ARKOSITIC SILTS WITHIN A FINE ARG AND LOCALLY VISA VARSA.

54 - 54.3 MASSIVE BLUE GREY CALCAREOUS SILICEOUS SILT. GRADATIONAL CONTACTS OVER 1cm

54.6 - 54.9 & 55.28 - 55.4. GREENISH GREY WK GRANULAR MASSIVE BANDS OF SAME AS SILT FRACTION OF FRAGMENTAL. TRACES FINE RX.

55.6 - 57.5. SILTS AND ARG - COARSER BANDS AND OVERALL IMPRESSION OF DECREASING SILICIFICATION DOWN SECTION. ALSO SLIGHT INCREASE IN VEINING AND APPARENT MOVEMENT ON ARG BANDS.

57.5 - 58.2. QTZ DOL VEIN: 10% DOL CLOTS EES 20% ARG BANDS & FRAGS - MINOR CRACKLE NVS.

SHEAR	DRILLING INTERVAL	% CORE RECOVERED	XPY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb) g/mt
	76					192949	75.35				0.01
	78						77.15				
							78.87				
	80					192950	79.5			15/30 F	0.04

Boy 13 78. Boy 14 81.3

CASING ELEV : GROUND ELEV. : DATE :

COORDINATES : N. E. DATE FINISHED :

INCLINATION : AZIMUTH : TOTAL DEPTH :

REF. TO CLAIM CORNER : 00 GDD - 17

LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FUCHSITE	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS\SEPTA	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL % CORE RECOVERED	XPY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.C.	Vein Angle & Type	Fract Angle & Type	Au (ppb)	
										58.2 58.6 FISH EYE ARGILLITE 58.6 – 72.7 SILTY ARGILLITE. THIN LAMINATED INTERBANDED – VARVED 20% SILICIC ARG 20% DOLOMITIZED SILTS. FAIRLY UNIFORM MINOR CRENULATED DISTINCT FOLIA. 58.6 - 67.5 VARIABLE WK "MOVEMENT" OR COMPRESSION AND/OR WK SHEAR SECTIONS. 58.8 - 59.15 QD VEINING & FRAG SIL SEDIMENTS? 60.1 - 60.2 BROKEN SHEAR BX & QD VEIN. 60.55 - 61.00 PHYLLITIC SHEAR FINE - MEDIUM MYLONITIC. 61.1 - 61.8 SHEAR BX 50% QD FRAGS. FRAGMENTED CORE & GRAPHITIC GOUGEY 61.2 - 61.4. 63.8 - 65.9. MASSIVE MOTTLED REDDENED LOOK – FOLIA DESTROYED – HIGH DENSITY VERY FINE NO FIZZ CARB MESH. PSEUDO AMPHIBOLITIC LOOK – RARE PY. 65.9 - 66.05 QD VEIN - MYLONITIC BX – NVS. 66.05 - 66.6 CRENULATED COMPRESSION ZONE MYLONITIC. 66.9 - 67.65. 20% QD & QDC VNLETS. NVS. 69.3 - 4 CM BRECCIA BAND WITH LS FRAGS & GOUGEY SLIP CONTACTS AT 25° TO AXIS 69.35 - 70.15 WK - MOD MYLONITIC CRENULATION AND BRECCIA 10% LS FRAGS S/OR BANDS. 69.9 - 70.1 60% QD VEINING. 70.45 - 71.35 SIMILAR TO 69.35 - 70.15 72.2 - 72.7 REDRILL FRAGS & CORE LOSS.												

GROUND ELEV. : DATE :

COORD'S : N. E. FINISHED :

INCLINATION : AZIMUTH : TOTAL DEPTH :

REF. TO CLAIM CORNER 10600D-17

LOGGED BY :

DEPTH (M)	ALTERATION: % VEINS	% QTZ VN	FINE SILICIFICATION	DOLOMITE	SERICITE	COLOUR	FRACTURING/M	MINERALS/SEPTA	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVG. CORE RECY/HOLE	SHEAR	DRILLING INTERVAL	% CORE RECOVERED	%PY	OTHER SX	Mag Susc	Sample No.	SAMPLE INTERVAL (M)	V.G.	Vein Angle & Type	Fract Angle & Type	Au (ppb)	BO #
										72.7 - 75.35 SILT - THIN LAMINATED LIGHT AND DARK GREY TO LGH COLOUR BANDED VARVES.															
										75.35 - 77.15 MYLONITIC BRECCIA - COARSE MOSTLY QD SEGS AND FRAGS.														
										75.8 - 76.2 MASSIVE BLUDD AMPHIBOLITE.														
										77.15 - 81.38 INTERBANDED MIXTURE OF ARG. WITH GREENISH AND GREY SILTS - SOMEWHAT SIMILAR TO 58.6 - 63.8 SECTION														
										78.65 - 78.87 FISH EYE ARG. - STRETCHED EYES.														
										78.87 - 79.5 QD VNING 1 x 10 CM 79.2														
										79.5 - 81.38 RELATIVELY UNIFORM INTERBANDED														
										81.38 EOH.														

SAMPLE #	FROM	TO	LENGTH	DESCRIPTION	Au		Ag		Cu		Pb		Zn			
					PPb	gm	PPm	gm	PPm	%	PPm	%	PPm	%		
192902	8.45	9.43		HOST												
903	9.43	10.1		VEIN QC.												
904	10.1	10.82		HOST												
905	10.82	11.28		VEIN QCD												
906	11.28	12.15		HOST												
907	12.15	14.0		HOST												
908	14.0	15.7		HOST												
909	15.7	16.25		QC VN/VNLTS												
910	16.25	16.7		QCD. VN/VNLTS												
911	16.7	17.16		HOST												
912	17.16	17.52		QD VN VNLETS & SULFIDES												
913	17.52	17.81		ARG.												
914	17.81	18.17		QD VNLETS & SULFIDES												
915	18.17	19.3		ARG.												
916	19.3	19.77		QD MYL ARG W/SULFIDES												
917	19.77	20.		QD MYL LS W/SULFIDES												
918	20	21.5		HOST LS												
192919	21.5	23.47		HOST LS.												
192920				STANDARD B												
192921	24.45	25.55		MYL ARG.												
922	25.55	26.23		QD VEIN ARG & LS												
923	26.23	26.52		QD VEIN W/SULFIDS												
924	26.52	27.25		HOST												
925	27.25	28.62		STRUCTURE												
926	28.62	29.03		QD VN W/SULFIDES.												
192927	29.03	30.23		HOST												

SAMPLE #	FROM	TO	LENGTH	DESCRIPTION	Au		Ag		Cu		Pb		Zn			
					ppb	gm	ppm	gm	ppm	%	ppm	%	ppm	%		
192928	30.23	30.71		VN MYL & VN W/SULFIDES												
29	30.71	31.4		HOST												
30	31.4	31.6		QZ VN W/SULFIDES												
31	31.6	32.72		HOST & MINOR STKWK												
192932	32.72	33.17		QZ W/OX.												
192933	34.95	35.35		MYL BX BAND												
192934	37.9	38.4		3% 3C VNS												
192935	40.45	41.87		MYL IN ARG												
936	41.87	42.97		MYL IN XS												
937	42.97	43.35		VN ?												
192938	43.35	44.81		MYL BX												
192939	45.78	46.28		MYL BX												
192941	46.28	46.7		VN & /OR SILICIFIED												
192942	46.7	47.45		HOST												
192943	52.0	53.0		VEINING & SILICIFICATION												
192944	54.61	54.9		SILICIOUS ZONE												
192945	57.5	58.2		VEIN												
192940				STANDARD B												

SAMPLE #	FROM	TO	LENGTH	DESCRIPTION	Au		Ag		Cu		Pb		Zn			
					ppb	gm	ppm	gm	ppm	%	ppm	%	ppm	%		
192946	60.55	61.9		Myl & Bx												
192947	66.9	67.65		Myl Bx												
192948	69.5	70.2		Myl Bx.											† NOTE IF ANY BON ADDITIONAL SAMPLING REQUIRED	
192949	25.35	77.15		Myl Bx												
192950	78.87	79.5		VEINING												

00 GOD-17

PAGE 1 OF 1

BLOCKS		RECOVERY			ROD		PHOTO
FROM	TO	INTERVAL	ACTUAL	%	LENGTH	%	ROLL / PRINT
0	6.1	CASING					
6.1	8.23	2.13	2.51	118	1.94	62	3 # 34 Boxs 1-3 6.1 - 22.15
8.23	11.28	3.05	2.75	90	2.27	74	
11.28	14.33	3.05	2.86	94	2.15	70	
14.33	17.37	3.04	3.05	100	1.54	50	
17.37	20.42	3.05	2.98	98	1.37	45	
20.42	23.47	3.05	2.87	94	2.90	74	3 #33 Boxs 4-6 22.15 - 39.45
23.47	26.52	3.05	2.49	82	1.9	62	
26.52	29.57	3.05	2.92	96	2.5	82	
29.57	32.61	3.04	3.05	100	2.45	80	
32.61	35.66	3.05	3.02	99	2.35	77	
35.66	38.71	3.05	3.08	101	2.44	80	
38.71	41.76	3.05	2.96	97	2.7	89	3 # 37 Boxs 7-9 39.45 - 56.0
41.76	44.81	3.05	2.98	98	1.82	60	
44.81	47.85	3.04	2.90		1.35		
47.85	50.90	3.05	2.73		0.95		
50.90	53.95	3.05	3.0		2.75		
53.95	57.0	3.05	2.82		2.22		
57.0	60.05	3.05	2.87		1.93		3 # 36 Boxs 10-12 56.0 - 73.25
60.05	63.09	3.04	2.80		1.35		
63.09	66.14	3.05	2.95		2.70		
66.14	69.19	3.05	3.15		2.5		
69.19	72.24	3.05	3.03		1.75		
72.24	75.29	3.05	2.76 (72.3)		2.05		3 # 35 Box 13 & 14 73.25 - 81.38
75.29	78.33	3.04	2.75		1.53		
78.33	81.38	3.05	3.10		2.17		

EOH

APPENDIX V

Analyses

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

Gold City Industries Ltd. File # A003852 Page 1

200 - 580 Hornby St., Vancouver BC V6C 3B6 Submitted by: Paul Cowley

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** gm/mt
E 192501	<1	3	12	25	.4	4	2	88	.52	7	<8	<2	2	1417	.2	<3	<3	1	31.27	.019	6	4	.10	33	<.01	4	.10	.01	.06	<2	<.01
E 192502	<1	27	338	104	.7	6	3	93	.71	12	<8	<2	3	1282	.9	6	<3	<1	30.82	.028	5	2	.13	41	<.01	<3	.13	.01	.08	3	.04
E 192503	<1	5	11	69	.3	5	2	90	.64	8	<8	<2	<2	1129	.5	3	<3	1	31.70	.017	5	3	.17	35	<.01	<3	.10	.01	.06	2	<.01
E 192504	<1	10	23	377	<.3	8	3	119	1.03	13	<8	<2	3	1112	3.5	6	<3	1	26.76	.029	6	4	.08	40	<.01	3	.15	.01	.08	203	.01
E 192505	<1	4	9	70	<.3	4	2	151	.85	9	<8	<2	<2	1377	.6	<3	<3	<1	32.70	.027	5	1	.14	26	<.01	<3	.07	.01	.04	2	<.01
E 192506	<1	3	4	25	<.3	5	3	111	.76	8	<8	<2	3	1195	<.2	<3	<3	1	29.57	.024	5	2	.16	36	<.01	<3	.11	.01	.07	2	.01
E 192507	<1	11	17	25	.5	12	6	178	1.59	16	<8	<2	4	1108	<.2	3	<3	<1	20.11	.036	4	4	.48	32	<.01	3	.21	.01	.13	2	<.01
E 192508	<1	26	206	1246	.6	9	4	171	1.33	16	<8	<2	3	1138	9.1	4	<3	<1	21.95	.030	4	4	.38	25	<.01	<3	.14	.01	.09	277	.03
E 192509	<1	350	3367	3680	6.4	15	8	167	1.63	29	8	<2	3	797	26.5	14	<3	<1	15.63	.047	3	2	.32	40	<.01	5	.20	.01	.13	384	.58
E 192510	<1	36	645	170	1.5	6	3	146	.93	12	<8	<2	2	1323	1.5	5	<3	<1	26.66	.030	5	2	.20	35	<.01	<3	.12	.01	.08	41	.02
RE E 192510	<1	38	647	201	1.5	7	3	151	.95	12	10	<2	3	1362	1.6	5	<3	<1	27.20	.031	4	2	.21	36	<.01	<3	.13	.01	.09	38	.02
RRE E 192510	<1	38	663	222	1.4	7	3	149	.92	11	<8	<2	3	1341	1.8	5	<3	<1	27.06	.030	5	3	.21	36	<.01	<3	.14	.01	.09	6	.02
E 192511	1	1851	32160	39059	41.8	13	11	122	1.16	30	<8	7	<2	646	309.0	49	<3	<1	15.06	.021	2	7	.16	18	<.01	<3	.08	.01	.05	<2	10.33
E 192512	2	4516	36897	67866	93.9	25	19	100	2.00	41	<8	30	<2	505	543.8	92	3	<1	9.52	.024	2	9	.19	20	<.01	3	.10	.01	.06	<2	44.83
E 192513	<1	17	115	121	<.3	11	5	154	1.35	17	<8	<2	3	1186	.8	<3	<3	<1	21.93	.034	5	4	.29	44	<.01	<3	.20	.01	.12	3	.04
E 192514	<1	9	81	59	.3	6	2	105	.69	9	<8	<2	2	1234	.4	3	<3	<1	28.28	.028	5	3	.16	40	<.01	<3	.12	.01	.07	2	.02
E 192515	<1	10	45	93	4.9	9	4	84	.69	19	14	2	7	899	.9	17	3	4	19.95	.031	7	14	.12	35	<.01	61	.12	<.01	.08	<2	.04
E 192516	1	1474	13544	9553	17.0	11	7	74	.94	31	<8	<2	2	456	70.7	21	3	<1	8.90	.038	2	13	.10	25	<.01	<3	.13	.01	.07	<2	2.60
E 192517	<1	20	1226	2295	1.5	3	2	102	.62	8	<8	<2	<2	922	16.9	5	<3	<1	22.15	.063	2	4	.18	21	<.01	3	.07	.01	.04	318	.06
E 192518	<1	13	96	189	.3	6	3	104	.80	12	<8	<2	3	1260	1.5	4	<3	<1	28.12	.030	6	2	.16	38	<.01	<3	.09	.01	.06	27	.01
E 192519	<1	4	12	13	<.3	5	2	88	.62	7	<8	<2	2	1315	.2	<3	<3	<1	30.10	.023	5	1	.15	33	<.01	<3	.09	.01	.05	2	.02
E 192520 PULP	15	507	18	298	3.6	29	9	668	13.51	242	<8	5	<2	304	3.2	4	23	14	4.63	.074	10	46	1.27	71	<.01	<3	.31	.01	.10	13	7.78
E 192521	<1	5	41	21	.3	6	2	103	.77	9	9	<2	3	1217	<.2	3	<3	<1	27.46	.035	5	4	.17	36	<.01	<3	.11	.01	.07	<2	.02
E 192522	1	1606	23322	45122	31.0	11	13	150	1.19	32	<8	<2	<2	602	332.3	39	<3	<1	11.69	.027	3	8	.17	21	<.01	3	.09	.01	.06	<2	3.21
RE E 192522	1	1625	22222	45343	31.0	11	13	150	1.20	27	<8	<2	<2	600	331.7	38	<3	<1	11.62	.027	3	8	.17	21	<.01	<3	.10	.01	.06	<2	3.11
RRE E 192522	2	1636	20060	47108	29.7	10	13	153	1.18	30	<8	2	<2	615	335.4	38	<3	<1	11.65	.027	3	6	.16	21	<.01	<3	.10	.01	.06	<2	3.45
E 192523	<1	12	289	204	.8	5	3	89	.60	9	<8	<2	3	1012	1.5	3	<3	<1	24.47	.028	4	4	.14	30	<.01	3	.12	.01	.07	2	.05
E 192524	1	342	17774	4283	21.0	12	5	146	1.41	42	<8	<2	2	987	34.9	33	<3	<1	19.33	.034	4	4	.30	41	<.01	<3	.17	.01	.10	<2	.06
E 192525	<1	9	218	62	.4	15	6	181	1.69	40	11	<2	4	995	.3	<3	<3	<1	19.85	.042	5	2	.44	32	<.01	<3	.20	.01	.13	2	.01
E 192526	<1	4	76	100	<.3	8	4	151	1.17	22	8	<2	3	1225	.7	<3	<3	<1	25.00	.026	5	4	.31	26	<.01	<3	.14	.01	.09	3	<.01
E 192527	1	9	4812	378	7.1	12	4	167	1.47	51	8	<2	3	904	3.3	9	5	<1	17.11	.098	3	7	.24	25	<.01	<3	.18	.01	.10	2	<.01
E 192528	<1	13	45	32	<.3	22	9	160	2.32	53	8	<2	4	829	.2	4	<3	<1	15.72	.024	3	2	.51	37	<.01	<3	.23	.01	.16	<2	.03
E 192529	<1	23	4031	9837	5.6	18	10	183	2.18	62	8	<2	4	700	65.1	8	<3	<1	12.22	.040	4	8	.46	36	<.01	<3	.24	.02	.15	<2	.32
E 192530	1	10	7078	5607	20.2	9	4	176	1.47	23	<8	27	<2	166	41.8	13	4	<1	2.94	.025	1	16	.36	11	<.01	<3	.10	.01	.05	8	17.63
STANDARD C3/AU-1	26	65	35	174	5.2	38	12	763	3.34	56	15	3	20	30	22.4	17	22	77	.59	.093	17	168	.59	148	.08	23	1.85	.04	.16	18	3.65
STANDARD G-2	1	3	3	45	<.3	9	5	561	2.16	<2	<8	<2	4	77	<.2	<3	<3	42	.69	.108	8	81	.63	257	.14	3	1.07	.09	.52	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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 29 2000 DATE REPORT MAILED: Oct 12/00 SIGNED BY. C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

 Data L FA ___

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** gm/mt
E 192531	2	4	12457	11319	15.7	14	8	379	2.83	39	<8	<2	5	152	91.0	19	<3	<1	3.87	.078	3	16	.96	20	<.01	3	.20	.02	.12	4	.25
E 192532	1	20	135	148	.4	23	9	326	3.06	52	<8	<2	5	142	.9	<3	<3	<1	3.12	.019	5	16	.93	23	<.01	6	.22	.02	.15	6	.08
E 192533	<1	10	36	71	<.3	22	9	313	2.87	27	<8	<2	4	121	<.2	<3	<3	<1	2.66	.017	4	15	.76	21	<.01	4	.19	.02	.13	5	.32
E 192534	1	17	24	35	.3	34	14	400	3.71	37	<8	<2	5	145	<.2	3	<3	<1	3.24	.026	7	13	.91	25	<.01	<3	.23	.02	.16	4	.52
E 192535	1	46	41	85	<.3	42	18	427	4.02	59	<8	<2	5	148	.2	6	<3	<1	3.24	.017	8	13	.89	30	<.01	3	.27	.02	.18	53	.09
E 192536	<1	7	44	26	.4	8	3	107	.97	13	10	<2	3	1601	.2	<3	<3	1	27.15	.035	6	<1	.06	63	<.01	4	.12	.01	.08	2	.04
E 192537	<1	4	13	38	.4	6	3	90	.67	9	9	<2	3	1452	<.2	<3	<3	1	28.04	.032	5	1	.06	51	<.01	3	.11	.01	.07	4	.02
E 192538	1	1209	12005	7457	21.5	13	5	82	1.01	48	<8	7	<2	683	67.2	88	<3	2	14.74	.017	2	9	.02	25	<.01	<3	.06	.01	.03	31	11.03
E 192539	<1	9	83	81	.4	6	3	122	.67	8	<8	<2	2	1363	.3	3	<3	<1	26.75	.030	6	1	.05	49	<.01	4	.09	.01	.06	3	.08
E 192540 PULP	10	241	11	140	1.2	35	4	340	6.89	104	9	3	<2	134	1.0	<3	11	5	2.07	.036	5	57	.55	52	<.01	<3	.15	.01	.05	10	3.09
E 192541	1	50	198	347	.8	5	2	96	.59	9	10	<2	<2	814	3.8	64	<3	<1	16.63	.015	3	10	.04	30	<.01	5	.06	.01	.05	3	.08
E 192542	<1	10	61	274	.3	13	5	84	1.40	15	8	<2	2	876	1.2	6	<3	<1	21.41	.020	6	3	.11	57	<.01	<3	.15	.01	.11	<2	.05
RE E 192542	<1	10	61	273	.3	14	6	86	1.43	15	<8	<2	3	904	1.3	5	<3	<1	21.69	.021	6	2	.12	59	<.01	<3	.15	.01	.12	<2	.05
RRE E 192542	<1	10	69	260	.5	13	5	84	1.36	15	<8	<2	3	889	1.3	7	<3	1	21.44	.021	6	2	.11	58	<.01	3	.15	.01	.12	<2	.05
E 192543	<1	3	9	60	<.3	2	1	53	.46	3	<8	<2	<2	1368	.9	<3	<3	<1	33.06	.014	2	3	.12	34	<.01	<3	.05	.01	.03	2	.01
E 192544	<1	9	19	202	<.3	8	4	93	.96	11	<8	<2	3	1152	1.7	<3	<3	<1	26.81	.021	4	2	.11	59	<.01	<3	.14	.01	.09	<2	.01
E 192545	<1	2	9	57	<.3	3	2	88	.49	5	<8	<2	<2	1424	<.2	<3	<3	<1	32.85	.017	3	2	.11	32	<.01	3	.06	.01	.03	3	<.01
E 192546	<1	2	4	14	<.3	2	1	56	.36	4	<8	<2	<2	1528	<.2	<3	<3	<1	33.87	.025	3	<1	.13	25	<.01	<3	.04	.01	.02	<2	<.01
E 192547	<1	6	376	42	.8	10	4	109	1.21	13	10	<2	2	1003	.2	<3	3	<1	20.17	.025	5	2	.20	48	<.01	3	.16	.01	.11	2	<.01
E 192548	<1	9	12	27	<.3	10	4	114	1.27	20	<8	<2	3	1142	<.2	3	<3	<1	26.23	.020	5	1	.23	59	<.01	3	.16	.01	.11	2	.01
E 192549	<1	11	26	25	<.3	13	5	179	1.69	16	14	<2	3	1155	<.2	<3	<3	<1	20.80	.027	4	1	.35	46	<.01	<3	.20	.01	.15	<2	.05
E 192550	<1	10	13	28	<.3	13	5	164	1.61	16	<8	<2	3	1152	<.2	<3	<3	<1	20.88	.030	5	1	.34	42	<.01	5	.20	.01	.15	<2	.02
E 192551	<1	1678	3653	19658	10.3	14	9	177	1.68	31	<8	5	5	841	133.8	10	3	<1	18.50	.028	5	5	.39	31	<.01	<3	.19	.01	.13	<2	1.54
E 192552	<1	58	1964	295	2.4	16	8	226	1.93	55	<8	<2	7	1103	2.4	4	<3	<1	18.51	.057	6	5	.52	36	<.01	3	.24	.02	.17	38	.05
E 192553	<1	165	4224	3732	6.7	17	9	175	2.00	47	<8	<2	5	782	27.6	8	<3	<1	14.15	.033	5	6	.41	39	<.01	<3	.25	.02	.16	12	.61
E 192554	<1	54	990	1408	1.4	5	3	120	.80	10	<8	<2	2	1228	9.7	5	<3	<1	26.84	.027	4	1	.17	35	<.01	<3	.11	.01	.07	<2	.14
RE E 192554	<1	54	931	1321	1.3	5	3	115	.77	11	<8	<2	2	1181	9.1	6	<3	<1	25.60	.025	4	4	.16	33	<.01	<3	.10	.01	.07	<2	.16
RRE E 192554	<1	55	859	1124	1.3	5	3	116	.77	10	<8	<2	2	1184	7.8	6	<3	<1	25.94	.026	4	2	.16	34	<.01	4	.10	.01	.07	<2	.09
E 192555	<1	2	14	10	<.3	4	2	70	.51	7	<8	<2	3	1688	<.2	<3	<3	1	30.58	.034	5	2	.10	32	<.01	<3	.06	.01	.04	<2	.01
E 192556	<1	4	17	17	<.3	7	3	90	.89	13	<8	<2	3	1544	<.2	<3	<3	<1	27.15	.028	5	3	.17	42	<.01	<3	.11	.01	.08	<2	.01
E 192557	1	509	12106	13146	18.9	18	8	69	1.01	31	<8	3	<2	188	116.8	26	3	2	3.13	.016	2	16	.03	31	<.01	3	.07	.01	.04	17	4.04
E 192558	<1	6	46	90	.4	7	3	92	.79	9	14	<2	3	1538	.4	4	<3	<1	28.14	.037	6	2	.13	48	<.01	<3	.12	.01	.08	4	.05
E 192559	<1	179	344	5614	1.9	18	9	144	1.65	28	<8	<2	2	1143	51.3	11	<3	1	20.91	.032	5	3	.07	38	<.01	<3	.11	.01	.08	<2	1.70
E 192560 PULP	9	233	6	135	1.4	31	4	332	6.83	103	<8	3	<2	129	1.1	<3	8	4	2.03	.035	6	50	.54	51	<.01	<3	.15	.01	.05	9	3.08
E 192561	2	626	8088	6743	19.3	20	8	101	1.37	32	<8	9	<2	319	59.2	26	<3	<1	5.07	.010	2	16	.07	13	<.01	4	.06	.01	.04	144	13.44
STANDARD C3/AU-1	26	67	35	178	5.7	41	14	828	3.55	61	17	3	23	31	24.6	17	24	74	.62	.100	19	178	.66	156	.08	23	1.76	.04	.18	16	3.73
STANDARD G-2	2	4	<3	43	<.3	8	4	536	2.03	<2	<8	<2	5	74	<.2	<3	<3	33	.66	.101	7	76	.61	228	.11	<3	.91	.09	.49	<2	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ___

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** gm/mt
E 192562	<1	26	187	746	1.6	32	24	279	3.29	52	8	<2	4	930	5.7	4	<3	1	15.58	.064	7	6	.28	54	<.01	<3	.23	.02	.15	<2	1.91
E 192563	2	97	5165	2668	12.2	25	6	66	1.02	29	<8	9	<2	188	22.2	10	9	1	3.03	.002	1	24	.02	5	<.01	<3	.02	.01	.01	5	4.33
E 192564	1	7	80	116	1.0	5	2	74	.47	6	<8	<2	2	410	.8	<3	<3	1	6.84	.006	1	17	.02	16	<.01	3	.05	.01	.03	6	.55
E 192565	<1	2	17	50	.3	1	1	75	.36	3	11	<2	3	1351	1.0	<3	<3	<1	35.00	.022	2	1	.13	21	<.01	<3	.04	.01	.01	2	.01
RE E 192565	<1	2	13	47	<.3	1	1	74	.36	3	<8	<2	<2	1349	1.0	<3	<3	<1	34.61	.022	2	3	.13	21	<.01	3	.04	.01	.02	2	<.01

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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

Gold City Industries Ltd. File # A003879 Page 1

200 - 580 Hornby St., Vancouver BC V6C 3B6 Submitted by: Paul Cowley

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** gm/mt
E 192566	1	8	10	82	<.3	7	3	91	.76	10	8	<2	4	1209	.5	3	<3	<1	30.29	.013	4	3	.10	58	<.01	3	.20	.02	.10	3	<.01
E 192567	<1	4	4	17	.3	2	1	48	.34	4	<8	<2	<2	1429	<.2	3	<3	<1	37.97	.013	2	<1	.08	31	<.01	6	.05	.01	.03	<2	<.01
E 192568	1	17	11	35	<.3	23	9	93	2.10	20	<8	<2	6	510	<.2	5	<3	<1	11.44	.026	8	9	.31	84	<.01	10	.34	.01	.22	<2	.02
E 192569	1	3	11	10	<.3	5	2	91	.72	10	<8	<2	3	1631	<.2	<3	<3	1	31.47	.026	8	1	.15	41	<.01	6	.14	.02	.09	<2	.02
E 192570	<1	5	6	23	<.3	11	4	146	1.22	14	<8	<2	6	1514	<.2	<3	<3	<1	29.24	.031	8	4	.37	40	<.01	4	.15	.01	.10	<2	.01
E 192571	2	19	36	89	<.3	32	11	505	3.59	55	<8	<2	8	901	.5	<3	<3	<1	12.42	.061	8	6	.65	47	<.01	<3	.35	.02	.20	<2	.02
E 192572	2	45	211	326	<.3	32	13	351	3.73	91	<8	<2	7	669	1.5	<3	<3	<1	9.93	.031	7	8	.83	42	<.01	<3	.35	.02	.21	2	.09
E 192573	<1	11	12	28	<.3	13	5	138	1.55	23	<8	<2	5	1079	.2	3	<3	<1	21.68	.031	6	4	.40	43	<.01	6	.25	.01	.15	<2	.01
E 192574	1	15	754	613	1.0	14	6	405	2.02	105	<8	<2	4	1597	3.7	3	<3	<1	25.60	.027	8	5	.64	30	<.01	<3	.16	.01	.11	<2	.02
E 192575	<1	9	32	66	<.3	11	4	177	1.17	145	<8	<2	3	1425	.3	3	<3	<1	26.79	.036	5	3	.31	37	<.01	4	.19	.02	.12	<2	.01
E 192576	<1	11	12	22	<.3	15	6	145	1.52	22	<8	<2	4	1279	<.2	3	<3	1	22.84	.024	5	4	.32	69	<.01	5	.26	.02	.14	<2	.02
RE E 192576	<1	11	7	23	<.3	14	6	146	1.52	22	<8	<2	4	1295	<.2	3	<3	1	22.92	.025	4	5	.32	71	<.01	5	.27	.02	.15	<2	.02
RRE E 192576	<1	11	7	20	<.3	14	6	142	1.47	22	<8	<2	3	1282	<.2	4	<3	1	23.07	.023	4	5	.31	66	<.01	8	.23	.02	.13	<2	.05
E 192577	1	23	449	44	.5	28	10	472	2.83	68	<8	<2	3	850	.2	3	<3	<1	13.00	.070	5	5	.77	42	<.01	3	.35	.02	.20	<2	.01
E 192578	2	28	32	74	<.3	38	15	447	4.36	66	<8	<2	6	159	<.2	<3	<3	<1	2.67	.023	8	8	1.31	37	<.01	<3	.47	.03	.24	<2	.02
E 192579	2	33	47	49	<.3	39	14	605	4.51	51	<8	<2	6	216	.2	<3	<3	<1	4.46	.030	6	10	1.29	31	<.01	3	.35	.02	.20	2	.05
E 192580 PULP	16	560	21	302	3.2	29	8	703	14.21	267	11	<2	2	323	2.6	<3	26	14	4.88	.077	11	42	1.39	73	<.01	<3	.36	.01	.11	13	7.93
E 192581	4	22	39	58	<.3	37	13	511	4.16	51	<8	<2	6	228	.3	<3	<3	<1	4.25	.021	6	14	1.33	32	<.01	<3	.33	.02	.19	3	.09
E 192582	4	42	18	44	<.3	51	18	359	4.48	54	<8	<2	7	146	.2	<3	<3	<1	3.37	.019	8	9	1.05	40	<.01	4	.44	.03	.26	2	.10
E 192583	4	16	26	28	<.3	35	15	362	3.91	52	<8	<2	6	254	.2	<3	<3	<1	3.90	.015	5	17	.77	30	<.01	<3	.33	.02	.19	3	.11
E 192584	2	21	17	44	<.3	37	14	506	4.37	29	<8	<2	8	316	.2	<3	<3	<1	5.92	.031	6	13	1.12	41	<.01	<3	.41	.03	.24	2	<.01
E 192585	3	30	24	69	<.3	37	15	489	4.08	27	<8	<2	9	183	<.2	<3	<3	<1	3.66	.022	7	6	1.17	38	<.01	3	.39	.03	.23	<2	.01
E 192586	3	39	38	77	<.3	43	17	390	4.36	31	<8	<2	9	226	.3	3	<3	1	3.37	.020	7	10	1.16	40	<.01	<3	.38	.03	.22	2	.01
E 192587	2	28	22	75	<.3	33	14	437	4.00	22	<8	<2	8	288	.2	<3	<3	<1	5.25	.029	5	8	1.10	40	<.01	4	.39	.04	.23	<2	.01
E 192588	1	18	13	59	<.3	26	10	545	3.14	19	<8	<2	8	456	<.2	4	<3	<1	7.17	.058	4	8	.96	40	<.01	3	.39	.03	.23	<2	<.01
RE E 192588	1	18	16	57	<.3	25	11	536	3.09	16	<8	<2	8	451	<.2	5	<3	<1	7.04	.057	5	6	.94	39	<.01	<3	.39	.03	.22	<2	<.01
RRE E 192588	1	19	17	61	<.3	26	11	557	3.16	18	<8	<2	8	461	.2	5	<3	<1	7.28	.056	4	7	.97	36	<.01	4	.38	.03	.21	<2	<.01
E 192589	1	17	19	46	<.3	23	8	399	2.44	9	<8	<2	9	995	<.2	<3	<3	<1	16.52	.050	5	4	.59	40	<.01	<3	.31	.03	.20	<2	<.01
E 192590	1	14	10	31	<.3	17	6	336	2.49	7	<8	<2	9	953	<.2	<3	<3	<1	19.96	.022	6	6	.60	36	<.01	<3	.24	.03	.16	<2	<.01
E 192591	<1	2	10	61	<.3	3	1	57	.34	2	<8	<2	2	1377	.7	<3	<3	<1	31.53	.025	2	2	.09	23	<.01	<3	.07	.01	.03	<2	<.01
E 192592	<1	4	7	10	<.3	4	1	87	.51	5	<8	<2	2	1410	<.2	3	<3	1	30.19	.022	5	1	.09	31	<.01	4	.08	.01	.04	<2	.01
E 192593	<1	7	82	46	.6	10	4	78	.94	12	<8	<2	4	1427	.3	4	<3	<1	27.11	.032	5	3	.13	62	<.01	5	.18	.01	.11	<2	.04
E 192595	<1	5	155	90	.5	8	4	100	.75	9	<8	<2	3	1484	.5	<3	<3	1	29.77	.023	5	1	.15	46	<.01	5	.14	.01	.09	2	.03
E 192596	<1	5	11	34	<.3	7	3	112	.80	9	<8	<2	4	1609	.2	<3	<3	1	29.59	.023	7	2	.14	39	<.01	3	.12	.01	.08	<2	.01
STANDARD C3/AU-1	25	65	40	169	5.4	41	12	777	3.40	58	16	2	23	31	24.0	17	25	76	.61	.097	19	175	.65	155	.08	24	1.82	.04	.18	15	3.54
STANDARD G-2	2	4	5	43	<.3	8	4	533	2.01	<2	<8	<2	5	78	<.2	<3	<3	38	.69	.105	8	80	.64	234	.13	3	.98	.09	.51	<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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 2 2000 **DATE REPORT MAILED:** Oct 12/00 **SIGNED BY.** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

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** gm/mt
E 192597	1	89	27	24	<.3	15	6	176	1.45	30	<8	<2	4	1264	.2	<3	<3	3	21.23	.054	5	7	.29	85	<.01	3	.42	.02	.25	<2	.03
E 192598	1	14	30	11	<.3	13	8	208	1.69	85	<8	<2	2	1251	<.2	3	<3	<1	25.44	.033	3	4	.44	33	<.01	<3	.19	.02	.13	2	.03
E 192599	<1	27	16	16	<.3	15	5	200	1.33	32	<8	<2	3	1293	<.2	<3	<3	<1	23.80	.026	5	4	.35	29	<.01	3	.21	.02	.13	<2	.02
E 192600 PULP	12	267	17	151	1.4	33	4	368	7.60	112	<8	4	<2	144	1.0	<3	12	6	2.24	.038	7	51	.60	59	<.01	<3	.18	.01	.06	11	3.09
E 192601	1	43	50	90	.3	48	19	536	4.82	75	<8	<2	7	218	.4	5	<3	<1	4.65	.051	7	9	1.15	43	<.01	6	.49	.03	.27	4	.07
E 192602	6	62	12	10	<.3	18	3	155	1.34	14	<8	<2	2	75	<.2	<3	<3	1	1.34	.006	2	26	.25	19	<.01	3	.16	.01	.09	2	.05
E 192603	6	6	14	6	.4	5	1	119	.97	3	<8	<2	<2	29	<.2	<3	<3	<1	.63	.002	1	41	.15	9	<.01	5	.07	.01	.04	13	.03
E 192604	7	10	5	4	<.3	12	1	58	.62	2	<8	<2	<2	16	<.2	<3	<3	1	.28	.001	1	32	.06	6	<.01	5	.03	.01	.02	2	.02
E 192605	2	39	37	62	.3	47	16	478	4.55	37	<8	<2	5	174	.2	<3	<3	<1	3.14	.020	10	17	1.22	47	<.01	7	.54	.04	.30	6	.11
E 192606	6	15	280	313	1.9	33	10	183	2.47	32	<8	<2	3	98	2.1	<3	<3	1	1.58	.010	3	23	.36	25	<.01	4	.27	.03	.15	2	7.51
E 192607	2	19	15	38	<.3	34	13	553	4.09	31	<8	<2	7	690	.2	<3	<3	<1	7.34	.028	9	15	1.04	42	<.01	8	.45	.04	.26	4	.05
E 192608	3	26	29	61	<.3	37	13	440	3.89	27	<8	<2	6	258	.2	<3	<3	<1	3.68	.024	7	16	1.16	42	<.01	5	.41	.04	.24	2	.07
RE E 192608	3	23	27	60	<.3	35	13	425	3.77	27	<8	<2	7	249	.2	<3	<3	<1	3.57	.024	8	15	1.12	41	<.01	9	.41	.04	.23	<2	.02
RRE E 192608	2	22	28	53	.3	31	13	423	3.68	25	<8	<2	7	244	.2	<3	<3	<1	3.53	.023	7	16	1.11	40	<.01	6	.40	.04	.23	5	.02
E 192609	<1	26	17	73	<.3	32	12	396	3.41	12	<8	<2	12	421	<.2	<3	<3	<1	7.54	.019	6	7	.89	54	<.01	5	.54	.04	.29	<2	.03
E 192610	1	8	20	36	<.3	11	4	745	1.76	7	<8	<2	7	1481	<.2	<3	<3	<1	24.08	.029	5	4	.66	39	<.01	<3	.25	.02	.16	<2	.02
E 192611	3	20	96	85	.4	29	10	449	3.19	26	<8	<2	6	1261	.4	3	<3	2	14.44	.025	7	9	.56	42	<.01	4	.39	.03	.19	2	.04
E 192612	2	27	17	62	<.3	27	11	335	3.06	19	<8	<2	8	1035	.2	<3	<3	1	15.52	.015	4	7	.58	46	<.01	8	.36	.02	.22	<2	.02
E 192613	2	24	14	57	<.3	24	8	341	2.54	14	<8	<2	8	1013	.2	<3	<3	1	15.68	.029	3	8	.55	50	<.01	3	.38	.03	.23	<2	.01
E 192614	2	16	17	41	.3	16	5	431	1.86	12	<8	<2	6	1597	<.2	<3	<3	1	23.33	.032	5	6	.35	42	<.01	<3	.25	.02	.15	<2	.02
E 192615	2	48	18	77	<.3	31	9	294	3.03	24	<8	<2	8	923	.2	5	<3	1	11.91	.019	3	10	.63	47	<.01	7	.38	.02	.23	<2	.03
E 192616	1	20	20	62	.3	21	8	540	2.51	16	<8	<2	7	1330	.2	3	<3	<1	21.16	.051	3	9	.40	42	<.01	3	.31	.02	.18	2	.01
E 192617	1	25	23	76	.3	36	13	477	4.03	22	<8	<2	12	363	<.2	3	<3	<1	6.37	.030	4	9	1.01	51	<.01	11	.52	.05	.27	2	.02
E 192618	<1	29	29	79	<.3	34	14	356	4.00	20	<8	<2	10	452	.2	<3	<3	<1	6.87	.026	5	8	1.04	48	<.01	8	.48	.04	.26	2	.01
E 192619	<1	29	24	101	<.3	33	14	403	4.47	28	<8	<2	9	467	.2	<3	<3	<1	7.20	.026	4	7	1.14	53	<.01	5	.45	.03	.23	2	.01
E 192620 PULP	14	542	18	313	3.1	27	8	717	14.02	258	15	<2	<2	315	2.8	<3	22	14	4.91	.075	11	41	1.37	75	<.01	<3	.35	.01	.11	13	7.72
E 192621	<1	41	141	215	.6	40	16	394	4.17	70	<8	<2	10	184	1.2	<3	<3	<1	3.72	.052	5	11	1.04	42	<.01	10	.42	.03	.22	<2	.07
E 192622	<1	58	870	701	1.6	36	13	517	4.38	86	<8	2	8	368	4.6	8	<3	<1	5.99	.034	6	9	1.20	37	<.01	8	.36	.02	.20	2	.34
RE E 192622	<1	59	862	705	1.6	36	13	523	4.41	88	<8	2	8	370	4.4	8	<3	<1	6.05	.035	5	14	1.21	38	<.01	8	.37	.02	.20	2	.35
RRE E 192622	1	61	903	703	1.7	37	14	540	4.57	91	<8	<2	8	389	4.6	7	<3	<1	6.27	.035	6	12	1.24	39	<.01	9	.39	.03	.21	<2	.27
E 192623	3	46	164	234	.5	54	16	130	3.35	48	<8	<2	6	140	.8	9	<3	<1	1.70	.040	4	14	.37	43	<.01	8	.36	.03	.18	12	.05
E 192624	<1	251	566	1267	.8	26	11	385	3.63	40	<8	<2	5	473	8.0	<3	<3	<1	6.95	.029	4	8	1.28	34	<.01	5	.35	.02	.20	<2	.04
E 192625	<1	18	25	67	<.3	22	11	338	3.11	33	<8	<2	5	730	<.2	5	<3	<1	11.01	.028	4	6	1.27	40	<.01	7	.34	.02	.19	2	<.01
E 192626	<1	14	18	63	<.3	21	9	251	2.56	55	<8	<2	4	859	<.2	4	<3	<1	15.19	.034	6	7	.71	42	<.01	4	.32	.02	.18	2	.02
E 192627	<1	6	8	16	<.3	8	3	124	1.05	13	<8	<2	3	1441	<.2	3	<3	<1	26.16	.027	5	2	.20	36	<.01	<3	.16	.02	.10	<2	.02
STANDARD C3/AU-1	26	63	33	169	5.4	40	12	779	3.42	58	16	2	22	30	23.4	17	24	78	.58	.095	18	167	.62	151	.08	28	1.77	.04	.17	16	3.56
STANDARD G-2	2	3	7	46	<.3	9	5	581	2.24	<2	<8	<2	5	92	<.2	<3	<3	42	.74	.112	8	82	.66	273	.13	<3	1.15	.13	.57	3	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

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** gm/mt
E 192628	1	6	13	15	.3	8	3	114	.96	12	<8	<2	4	1175	<.2	6	<3	<1	24.25	.029	6	2	.21	46	<.01	<3	.15	.02	.11	<2	.05
E 192629	<1	5	3	17	<.3	7	3	115	.77	9	<8	<2	3	1348	.2	3	<3	1	29.53	.024	6	<1	.13	50	<.01	<3	.10	.02	.08	<2	.02
E 192630	1	4	122	74	.4	5	3	79	.70	12	<8	<2	3	1313	.6	<3	<3	<1	29.29	.031	4	3	.13	40	<.01	<3	.12	.02	.08	2	.02
E 192631	<1	14	13	15	<.3	19	7	265	2.04	102	10	<2	4	998	<.2	<3	<3	<1	17.82	.043	4	4	.53	31	<.01	<3	.22	.03	.15	<2	.01
E 192632	<1	34	22	58	<.3	31	12	455	3.54	39	8	<2	7	395	.3	3	<3	<1	6.61	.027	5	8	1.06	40	<.01	4	.31	.03	.20	3	.04
E 192633	1	34	79	51	<.3	36	11	334	3.44	123	14	<2	8	911	.3	<3	<3	<1	13.53	.019	7	4	.75	39	<.01	4	.27	.03	.19	2	.04
E 192634	<1	63	63	70	<.3	28	12	469	3.70	45	12	<2	6	456	.5	<3	<3	<1	7.30	.054	5	8	.94	36	<.01	<3	.31	.03	.19	3	.06
RE E 192634	<1	61	67	70	<.3	27	11	453	3.58	45	<8	<2	6	444	.4	<3	<3	<1	7.09	.053	5	10	.91	34	<.01	<3	.29	.03	.18	3	.03
RRE E 192634	<1	60	71	71	<.3	28	12	464	3.62	43	<8	<2	6	457	.5	<3	<3	<1	7.27	.055	5	9	.92	38	<.01	<3	.33	.03	.20	3	.04
E 192635	<1	34	67	62	<.3	35	15	478	4.22	61	11	<2	6	479	.4	<3	<3	<1	7.80	.042	6	11	.96	38	<.01	<3	.36	.04	.21	3	.09
E 192636	<1	23	43	50	<.3	36	14	614	4.66	39	10	<2	6	248	.3	<3	<3	<1	4.82	.036	6	12	1.39	38	<.01	<3	.34	.03	.21	3	.11
E 192637	<1	20	43	59	<.3	32	13	456	3.72	35	<8	<2	6	187	.2	<3	<3	<1	3.71	.030	6	13	1.02	27	<.01	<3	.26	.04	.16	3	.16

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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

Gold City Industries Ltd. File # A004051 Page 1

200 - 580 Hornby St., Vancouver BC V6C 3B6 Submitted by: PAUL COWLEY

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** gm/mt
E 192594	2	729	25125	18323	64.5	17	10	77	1.20	31	<8	<2	3	799	187.8	217	<3	<1	16.72	.050	2	9	.09	46	<.01	<3	.10	.01	.06	<2	.32
E 192638	<1	15	154	111	.3	16	7	167	2.00	27	<8	<2	4	827	.5	<3	<3	<1	14.88	.033	4	6	.43	63	<.01	<3	.26	.01	.16	<2	.02
E 192639	<1	9	221	60	.5	9	4	130	1.21	15	<8	<2	2	1195	.5	<3	<3	<1	24.35	.025	5	2	.28	43	<.01	<3	.14	.01	.10	<2	.02
E 192640 PULP	9	237	6	138	2.0	28	2	329	6.94	103	<8	5	<2	130	1.0	<3	10	4	2.05	.035	6	41	.54	52	<.01	7	.15	.01	.05	7	3.02
E 192641	<1	298	5725	3537	7.4	12	5	162	1.44	29	<8	<2	3	1044	26.4	12	<3	<1	20.53	.026	4	4	.33	45	<.01	<3	.15	.01	.10	<2	.92
E 192642	<1	13	47	76	.3	10	4	143	1.28	16	<8	<2	4	1149	.5	<3	<3	<1	22.82	.030	5	3	.29	62	<.01	<3	.16	.01	.11	<2	.02
E 192643	<1	8	46	42	<.3	10	4	137	1.33	17	<8	<2	3	1076	.3	<3	<3	<1	21.76	.023	4	3	.38	41	<.01	<3	.18	.01	.10	<2	.02
RE E 192643	<1	10	49	40	<.3	11	4	137	1.32	17	<8	<2	3	1061	.3	<3	<3	<1	21.66	.023	4	<1	.38	39	<.01	<3	.18	.01	.10	<2	.02
RRE E 192643	<1	8	48	39	<.3	10	4	138	1.32	17	<8	<2	3	1074	.4	<3	<3	<1	21.83	.023	4	1	.39	39	<.01	<3	.17	.01	.09	<2	.02
E 192644	1	31	113	101	.4	36	12	505	4.30	87	<8	<2	5	422	.3	<3	<3	<1	6.58	.071	5	9	1.09	46	<.01	3	.28	.02	.16	<2	.04
E 192645	<1	8	26	43	<.3	19	7	331	2.39	25	<8	<2	6	1179	.3	<3	<3	<1	18.58	.040	7	4	.56	47	<.01	<3	.22	.02	.13	<2	.01
E 192646	<1	13	21	36	<.3	16	6	254	2.12	17	<8	<2	5	1219	<.2	<3	<3	<1	21.15	.038	6	4	.50	67	<.01	<3	.19	.01	.12	<2	.01
E 192647	<1	4	16	14	<.3	7	3	115	1.00	13	<8	<2	2	1387	<.2	<3	<3	<1	29.94	.026	7	2	.23	36	<.01	<3	.10	.01	.07	<2	.02
E 192648	3	62	182	701	.7	21	7	486	3.45	35	<8	<2	3	427	5.5	11	<3	3	7.75	.033	5	12	.12	37	<.01	<3	.25	.02	.12	<2	.12
E 192649	1	58	69	123	.6	30	10	440	3.87	50	<8	<2	5	359	.9	<3	<3	<1	6.34	.062	6	6	.87	44	<.01	5	.31	.02	.17	<2	.45
E 192650	<1	198	3702	2432	5.5	23	9	507	3.71	38	<8	<2	4	276	21.2	17	<3	<1	5.29	.067	5	7	1.07	32	<.01	<3	.31	.02	.18	<2	.11
E 192651	2	17	222	149	.4	26	10	489	3.58	37	<8	<2	3	476	1.0	<3	<3	<1	7.03	.046	5	8	1.00	56	<.01	<3	.46	.02	.26	<2	.10
E 192652	1	79	107	163	.7	26	10	484	4.03	56	<8	<2	4	308	.7	<3	<3	<1	6.56	.044	4	11	.83	31	<.01	<3	.26	.01	.14	4	1.04
E 192653	<1	28	32	68	.4	40	14	527	4.59	103	<8	<2	6	462	.5	<3	<3	<1	7.21	.086	4	5	1.12	34	<.01	3	.29	.02	.17	<2	.02
E 192654	2	160	1824	2197	3.4	40	15	457	4.49	130	<8	<2	6	405	14.1	10	<3	<1	6.81	.041	4	4	1.02	35	<.01	<3	.27	.02	.16	<2	.67
E 192655	<1	13	392	126	.6	10	4	145	1.38	27	<8	<2	3	1131	.8	3	<3	<1	22.95	.027	4	2	.32	51	<.01	<3	.18	.01	.11	<2	.05
E 192656	4	1916	26199	66503	66.9	16	20	67	1.37	18	<8	8	<2	214	565.5	128	7	<1	4.50	.040	1	18	.09	21	<.01	4	.10	.01	.05	7	10.33
E 192657	1	5	56	59	.3	6	2	107	.66	8	<8	<2	2	1211	.5	<3	<3	<1	29.47	.028	4	2	.17	40	<.01	<3	.12	.01	.07	<2	.04
E 192658	<1	4	94	84	.3	3	1	75	.48	5	<8	<2	<2	1440	.7	<3	<3	<1	33.42	.025	3	<1	.14	26	<.01	<3	.06	.01	.03	<2	.02
E 192659	<1	2	14	17	<.3	4	2	77	.62	9	<8	<2	2	1355	<.2	<3	<3	<1	29.42	.026	4	<1	.19	35	<.01	<3	.10	.01	.05	<2	.01
E 192660 PULP	11	233	7	137	1.9	29	3	324	6.81	103	<8	4	<2	128	1.3	<3	8	5	2.03	.034	6	44	.53	51	<.01	3	.15	.01	.05	8	3.25
E 192661	<1	7	31	30	<.3	10	5	122	1.21	25	<8	<2	3	1252	<.2	<3	<3	<1	23.45	.031	4	2	.28	36	<.01	<3	.13	.01	.09	<2	.02
E 192662	<1	3	25	17	<.3	9	3	288	1.29	25	<8	<2	4	1617	<.2	<3	<3	<1	26.00	.030	6	1	.53	26	<.01	<3	.11	.01	.07	<2	.01
RE E 192662	1	3	26	18	<.3	8	4	285	1.27	24	<8	<2	3	1603	.3	<3	<3	<1	25.77	.029	6	1	.53	26	<.01	<3	.11	.01	.07	<2	<.01
RRE E 192662	<1	4	20	16	<.3	8	3	283	1.26	23	<8	<2	3	1600	<.2	<3	<3	<1	25.60	.030	5	2	.53	27	<.01	<3	.11	.01	.07	<2	<.01
E 192663	1	75	218	607	.6	15	7	228	1.96	59	<8	<2	4	560	3.4	4	<3	<1	7.70	.010	4	12	.68	26	<.01	<3	.15	.02	.09	2	.09
E 192664	<1	2008	1854	18215	8.6	11	5	675	2.13	36	<8	<2	2	2116	95.5	44	<3	<1	24.22	<.001	11	2	.44	20	<.01	<3	.07	.01	.06	<2	1.61
E 192665	1	47	890	562	1.0	41	15	307	4.66	191	<8	<2	12	456	3.5	<3	<3	<1	6.62	.032	3	6	1.18	36	<.01	<3	.29	.02	.18	<2	.03
E 192666	<1	29	89	162	.3	11	4	588	1.65	37	<8	<2	3	2100	1.1	<3	<3	<1	25.42	.011	11	2	.36	22	<.01	<3	.09	.01	.06	2	.15
STANDARD C3/AU-1	26	63	38	169	5.2	38	11	771	3.40	55	21	4	20	32	22.4	17	22	74	.63	.095	19	164	.61	145	.09	22	1.78	.04	.16	17	3.63
STANDARD G-2	1	3	5	45	<.3	9	4	550	2.11	<2	<8	<2	4	70	<.2	<3	<3	36	.64	.106	7	74	.62	230	.13	3	.96	.07	.48	3	<.01

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: CORE 150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 13 2000 **DATE REPORT MAILED:** Oct 20/00 **SIGNED BY** C.L. ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ✓ FA ___

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** gm/mt
E 192667	<1	38	51	140	.5	42	15	343	4.92	94	<8	<2	8	244	.9	<3	<3	<1	4.52	.022	4	11	1.30	36	<.01	8	.28	.02	.19	5	.38
E 192668	1	36	150	207	.6	41	16	402	4.02	64	<8	<2	7	466	1.5	<3	<3	<1	6.42	.028	7	9	.93	47	<.01	8	.33	.02	.20	<2	.07
E 192669	2	39	58	62	.5	44	18	412	4.81	54	<8	<2	4	134	.5	<3	<3	<1	3.13	.025	6	14	.95	37	<.01	9	.30	.02	.18	5	.13
E 192670	3	5	13	23	<.3	12	4	367	2.56	11	<8	<2	<2	107	.2	<3	<3	<1	2.75	.008	2	20	.67	15	<.01	3	.13	.01	.07	8	.02
E 192671	4	8	12	29	<.3	19	5	494	3.05	15	<8	<2	2	133	.3	<3	<3	<1	3.46	.010	3	17	.86	23	<.01	7	.18	.02	.10	2	.03
E 192672	5	17	17	23	<.3	29	9	361	3.06	28	<8	<2	4	119	.2	<3	<3	<1	2.61	.019	6	21	.70	32	<.01	6	.26	.02	.14	3	.06
E 192673	4	7	12	20	.3	13	4	344	2.62	13	<8	<2	2	103	.2	<3	<3	<1	2.62	.009	3	24	.67	19	<.01	8	.12	.01	.07	7	.04
E 192674	2	21	22	40	.3	30	11	415	3.64	28	<8	<2	5	325	.3	<3	<3	<1	4.78	.019	5	9	.98	29	<.01	4	.22	.02	.12	3	<.01
RE E 192674	2	21	15	38	<.3	32	11	428	3.73	30	<8	<2	6	331	.2	<3	<3	<1	4.90	.020	6	11	1.01	31	<.01	4	.23	.03	.13	<2	.02
RRE E 192674	3	23	22	38	<.3	33	11	446	3.90	29	<8	<2	5	347	.2	<3	<3	<1	5.08	.021	6	11	1.05	32	<.01	7	.24	.03	.14	3	.01
E 192675	1	13	10	37	<.3	14	6	274	2.01	20	<8	<2	3	1076	.2	3	<3	<1	19.90	.077	6	6	.46	59	<.01	5	.21	.02	.13	5	.01
E 192676	<1	5	4	16	<.3	6	3	90	.74	9	<8	<2	<2	1488	<.2	3	<3	<1	31.63	.032	5	4	.10	63	<.01	8	.11	.02	.07	6	.01
E 192677	<1	3	4	9	<.3	5	2	94	.71	9	<8	<2	2	1895	<.2	<3	<3	<1	31.61	.022	5	4	.06	42	<.01	<3	.07	.01	.05	4	.01
E 192678	1	1	4	5	<.3	2	1	36	.26	3	<8	<2	<2	1599	<.2	<3	<3	<1	36.07	.039	3	6	.06	37	<.01	7	.05	.02	.02	6	<.01
E 192679	<1	6	5	9	<.3	6	2	60	.73	10	<8	<2	2	1622	.2	3	<3	<1	31.60	.027	5	2	.08	54	<.01	<3	.10	.03	.06	5	.02
E 192680 PULP	10	241	9	136	1.8	29	2	331	7.05	109	<8	4	<2	130	1.3	<3	10	5	2.06	.035	6	44	.53	52	<.01	9	.15	.01	.05	8	3.08
E 192681	<1	4	6	30	<.3	4	2	56	.43	4	<8	<2	<2	1652	<.2	<3	<3	<1	32.73	.024	5	4	.11	38	<.01	6	.04	.02	.03	5	<.01
E 192682	<1	8	9	9	<.3	6	3	81	.71	8	<8	<2	2	1516	<.2	4	<3	<1	32.61	.023	5	1	.13	40	<.01	3	.09	.02	.06	4	.02
E 192683	4	15	23	172	<.3	26	10	192	2.96	45	<8	<2	4	444	.9	<3	<3	<1	6.01	.018	4	15	.48	34	<.01	10	.23	.01	.15	4	<.01
E 192684	1	17	27	65	.3	26	11	282	3.58	47	<8	<2	4	521	.4	<3	<3	<1	7.30	.030	5	7	1.23	34	<.01	11	.29	.02	.19	3	.01
E 192685	2	21	38	59	<.3	26	12	302	3.28	37	<8	<2	5	583	.4	<3	<3	<1	7.90	.030	4	8	1.14	32	<.01	4	.25	.02	.17	4	.02
E 192686	1	41	177	1709	.4	10	4	302	1.72	15	<8	<2	2	862	10.4	<3	<3	<1	15.65	.032	5	10	.71	21	<.01	6	.14	.01	.10	<2	.65
E 192687	1	15	49	42	<.3	16	7	380	2.45	33	<8	<2	4	906	<.2	<3	<3	<1	16.78	.041	5	3	.99	26	<.01	<3	.19	.01	.13	3	<.01
RE E 192687	<1	14	53	44	<.3	16	7	380	2.46	32	<8	<2	3	906	.2	<3	<3	<1	16.64	.041	5	3	.98	26	<.01	6	.19	.01	.13	3	<.01
RRE E 192687	<1	15	49	43	<.3	17	7	378	2.45	33	<8	<2	4	899	.3	<3	<3	<1	16.67	.042	5	2	.99	25	<.01	5	.19	.01	.12	3	<.01
E 192688	1	55	631	787	.9	10	4	261	1.75	19	<8	<2	2	728	5.5	<3	<3	<1	10.28	.026	4	11	.66	20	<.01	7	.13	.01	.09	<2	.09
E 192689	1	3	31	22	<.3	7	4	153	1.13	23	<8	<2	2	1355	<.2	<3	<3	<1	26.37	.026	6	4	.29	23	<.01	4	.11	.01	.08	3	.01
E 192690	1	3	50	24	.3	8	4	289	1.31	17	<8	<2	4	1447	<.2	<3	<3	<1	26.10	.058	7	4	.53	23	<.01	<3	.13	.01	.10	3	<.01
E 192691	1	5	25	23	<.3	8	2	230	1.01	20	<8	<2	2	1520	.2	<3	<3	<1	21.49	.023	7	14	.20	18	<.01	5	.10	.01	.08	3	<.01
E 192692	1	7	59	23	<.3	11	4	172	1.45	32	<8	<2	4	1274	<.2	<3	<3	<1	24.76	.033	6	3	.41	27	<.01	<3	.14	.01	.11	3	<.01
E 192693	<1	6	26	17	<.3	10	4	185	1.29	39	<8	<2	2	1327	.2	<3	<3	<1	24.88	.035	4	3	.27	26	<.01	9	.12	.01	.09	2	<.01
E 192694	2	22	18809	1645	19.6	20	7	510	3.24	61	<8	<2	<2	715	14.0	23	<3	<1	10.61	.031	5	12	.87	20	<.01	5	.16	.01	.10	58	.06
E 192695	5	30	148	139	.3	41	14	393	3.87	60	<8	<2	5	165	1.2	<3	<3	<1	3.52	.016	7	9	.90	29	<.01	5	.26	.02	.17	3	.13
E 192696	5	2	50	14	.3	8	3	219	1.67	9	<8	<2	<2	67	.3	<3	<3	<1	1.61	.009	2	23	.41	12	<.01	5	.10	.01	.05	9	.11
E 192697	4	7	21	18	<.3	20	9	302	2.75	22	<8	<2	3	111	.2	<3	<3	<1	2.54	.050	4	19	.65	20	<.01	3	.18	.01	.11	2	.15
STANDARD C3/AU-1	26	66	40	167	5.3	39	11	782	3.45	58	22	3	20	28	23.4	16	22	77	.57	.097	19	163	.61	147	.09	24	1.79	.04	.16	18	3.72
STANDARD G-2	2	4	4	42	<.3	8	4	549	2.11	<2	<8	<2	4	69	<.2	<3	<3	37	.64	.107	7	76	.61	229	.13	3	.95	.07	.48	2	<.01

Sample type: CORE 150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data K FA

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** gm/mt
E 192698	4	9	44	38	<.3	16	6	576	3.26	30	<8	<2	2	191	<.2	<3	<3	3	4.08	.034	3	23	1.33	24	<.01	<3	.21	.02	.13	7	.02
E 192699	3	23	32	58	<.3	39	13	828	5.60	53	<8	<2	8	265	.3	<3	<3	5	5.79	.009	3	9	1.63	32	<.01	3	.27	.02	.19	<2	.12
E 192700 PULP	11	248	12	153	1.4	29	2	356	7.62	109	<8	3	<2	136	1.0	3	6	11	2.13	.038	5	46	.58	58	<.01	6	.16	.01	.05	8	3.01
E 192701	5	6	13	17	<.3	13	4	244	1.94	14	<8	<2	3	85	.3	<3	<3	2	1.81	.006	3	27	.49	18	<.01	4	.15	.01	.10	9	.27
E 192702	3	21	33	43	<.3	37	12	506	4.32	41	<8	<2	6	183	<.2	<3	<3	4	4.01	.034	4	13	1.14	29	<.01	5	.25	.02	.17	<2	.12
E 192703	2	33	36	50	<.3	41	15	450	4.00	47	<8	<2	7	146	.2	<3	<3	4	2.97	.026	5	10	1.00	29	<.01	3	.28	.02	.18	3	.09
E 192704	4	24	36	65	<.3	50	16	430	4.00	55	<8	<2	7	217	.2	3	<3	6	3.42	.018	6	13	1.13	37	<.01	<3	.29	.03	.19	<2	.05
E 192705	2	20	20	40	<.3	36	14	485	4.06	53	<8	<2	6	165	<.2	<3	<3	5	3.08	.013	5	12	1.02	32	<.01	3	.28	.02	.17	3	.05
E 192706	3	12	14	31	<.3	29	10	429	3.09	32	<8	<2	5	134	.2	<3	<3	5	3.04	.015	5	16	.82	32	<.01	4	.28	.04	.17	<2	.03
E 192707	3	4	16	17	<.3	10	4	260	1.71	9	<8	<2	2	308	<.2	<3	<3	3	5.08	.027	2	22	.44	22	<.01	<3	.16	.02	.10	7	.02
E 192708	<1	4	7	12	<.3	7	3	90	.91	12	9	<2	3	1597	<.2	3	<3	3	28.94	.038	5	1	.28	36	<.01	4	.10	.01	.06	<2	.01
RE E 192708	<1	4	8	11	.4	8	3	94	.91	12	13	<2	2	1595	<.2	4	<3	2	28.97	.039	5	2	.28	36	<.01	<3	.11	.01	.07	<2	.01
RRE E 192708	<1	4	8	11	<.3	8	3	94	.91	10	8	<2	4	1605	<.2	4	<3	2	29.17	.038	5	2	.28	36	<.01	4	.11	.01	.07	<2	.01
E 192709	<1	7	8	15	.4	9	3	97	1.01	15	11	<2	3	1551	<.2	5	<3	2	27.20	.026	5	2	.28	39	<.01	<3	.12	.01	.08	<2	.02
E 192710	1	2	4	5	<.3	4	1	100	.50	5	13	<2	2	1549	<.2	3	<3	2	26.65	.031	5	4	.16	37	<.01	<3	.07	.02	.04	<2	.01
E 192711	<1	3	9	12	<.3	5	1	147	.75	5	8	<2	<2	2054	<.2	<3	<3	1	33.79	.025	4	1	.20	37	<.01	<3	.06	.02	.04	<2	.02
E 192712	1	8	11	27	.4	16	6	92	1.32	25	17	<2	4	1478	<.2	6	<3	3	22.59	.035	4	3	.32	63	<.01	<3	.17	.02	.12	<2	.03
STANDARD C3/AU-1	26	63	33	170	5.3	39	11	793	3.50	58	15	<2	20	30	22.7	13	22	84	.58	.097	18	175	.63	155	.09	20	1.82	.04	.17	14	3.61
STANDARD G-2	2	2	<3	42	<.3	9	4	551	2.14	<2	<8	<2	5	74	<.2	<3	<3	45	.68	.107	8	81	.64	240	.13	4	.96	.08	.49	2	<.01

Sample type: CORE 150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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

Gold City Industries Ltd. File # A004051R
200 - 580 Hornby St., Vancouver BC V6C 3B6 Submitted by: Paul Cowley

SAMPLE#	Au** gm/mt
E 192594	.24
E 192694	.09

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE REJ.

DATE RECEIVED: OCT 27 2000 **DATE REPORT MAILED:** Nov 6/00 **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.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Gold City Industries Ltd. File # A004279 Page 1

200 - 580 Hornby St., Vancouver BC V6C 3B6 Submitted by: Ned Reid

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** gm/mt
E 192713	<1	8	121	514	.6	20	6	156	1.16	23	<8	<2	<2	1159	4.4	3	<3	<1	25.85	.034	3	4	.02	36	<.01	3	.09	.01	.06	<2	.28
E 192714	<1	5	22	197	.4	10	4	107	1.04	13	<8	<2	2	1133	.9	<3	<3	<1	23.26	.027	4	1	.04	47	<.01	<3	.14	.01	.10	<2	.03
E 192715	1	11	109	313	.6	8	3	164	.86	14	8	<2	<2	993	4.2	3	<3	<1	19.67	.012	6	5	.03	29	<.01	5	.10	.01	.07	<2	.26
E 192716	<1	2	13	37	<.3	3	1	66	.43	4	<8	<2	<2	1191	<.2	<3	<3	<1	32.23	.021	3	<1	.09	28	<.01	<3	.06	.01	.03	<2	.01
E 192717	<1	11	20	41	.5	18	7	80	1.71	19	<8	<2	3	754	<.2	<3	<3	<1	17.12	.021	5	3	.22	80	<.01	4	.26	.01	.17	<2	.04
E 192718	<1	3	27	40	<.3	3	2	74	.43	4	<8	<2	<2	1140	.3	<3	<3	<1	31.86	.027	3	<1	.11	36	<.01	<3	.09	.01	.05	<2	.01
E 192719	<1	3	9	53	<.3	1	1	97	.43	3	<8	<2	<2	1232	.7	<3	<3	<1	33.27	.018	2	<1	.07	32	<.01	<3	.05	.01	.02	<2	.01
E 192720 PULP	10	508	30	294	3.3	27	4	658	12.69	251	13	4	3	294	2.4	<3	20	12	4.52	.074	12	42	1.24	65	<.01	22	.33	.01	.10	7	7.56
E 192721	<1	4	10	8	<.3	5	2	83	.65	7	<8	<2	<2	1208	<.2	<3	<3	<1	29.82	.018	4	<1	.13	38	<.01	<3	.09	.01	.06	<2	.01
E 192722	<1	4	10	8	<.3	3	1	73	.47	4	<8	<2	<2	1177	<.2	<3	<3	<1	32.36	.022	3	<1	.11	35	<.01	<3	.05	.01	.03	<2	.01
RE E 192722	<1	4	8	7	<.3	3	1	73	.48	5	<8	<2	<2	1159	<.2	<3	<3	<1	32.46	.022	3	<1	.11	34	<.01	<3	.04	.01	.03	<2	.01
RRE E 192722	<1	4	7	9	<.3	3	1	72	.48	5	<8	<2	<2	1167	<.2	<3	<3	<1	32.41	.023	3	1	.11	35	<.01	<3	.05	.01	.03	<2	.01
E 192723	<1	2	10	15	<.3	2	1	70	.41	4	<8	<2	<2	1395	<.2	<3	<3	<1	33.80	.022	3	<1	.11	28	<.01	<3	.04	.01	.03	<2	<.01
E 192724	<1	2	12	26	<.3	3	2	68	.51	6	<8	<2	<2	1297	.2	<3	<3	<1	32.37	.027	3	<1	.19	32	<.01	<3	.07	.01	.05	<2	<.01
E 192725	1	104	11491	4430	15.1	3	2	103	.44	22	<8	<2	<2	1164	33.5	30	9	<1	28.06	.016	2	1	.12	20	<.01	3	.03	.01	.01	4	.60
E 192726	<1	3	28	34	.3	2	1	92	.54	5	<8	<2	<2	1336	<.2	<3	<3	<1	34.22	.021	3	<1	.14	25	<.01	<3	.05	.01	.02	<2	.01
E 192727	<1	7	27	41	.3	10	4	103	1.08	17	<8	<2	3	1029	.2	<3	<3	<1	22.02	.030	5	3	.18	50	<.01	<3	.24	.01	.12	<2	.01
E 192728	<1	9	10	36	<.3	11	4	106	1.15	19	<8	<2	2	959	<.2	<3	<3	<1	21.65	.027	5	2	.23	54	<.01	4	.25	.01	.14	<2	.01
E 192729	<1	3	8	12	<.3	2	1	116	.56	5	<8	<2	<2	2268	<.2	<3	<3	<1	32.48	.016	4	<1	.04	39	<.01	<3	.05	.01	.03	<2	.01
E 192730	<1	5	11	19	<.3	8	2	87	.89	12	8	<2	2	1863	<.2	<3	<3	<1	26.34	.027	5	2	.07	64	<.01	<3	.11	.01	.08	<2	.03
E 192731	<1	13	18	408	.5	9	4	86	.96	14	8	<2	2	1410	2.9	<3	<3	<1	24.83	.024	7	2	.11	65	<.01	3	.15	.01	.10	<2	.04
E 192732	<1	13	209	174	1.2	17	7	187	1.66	31	<8	<2	<2	1109	.7	<3	<3	<1	21.57	.038	4	3	.12	62	<.01	4	.18	.01	.12	3	.16
E 192733	2	19	1689	2378	2.4	7	4	168	1.24	14	<8	<2	<2	514	16.6	4	<3	<1	9.92	.025	1	13	.25	24	<.01	5	.08	.01	.04	260	2.79
E 192734	<1	7	450	383	1.0	6	2	128	.66	10	<8	<2	<2	1201	2.5	<3	<3	<1	24.86	.031	2	3	.06	39	<.01	<3	.07	.01	.04	11	.20
RE E 192734	1	6	445	405	1.1	6	2	129	.67	10	<8	<2	<2	1196	2.6	<3	<3	1	25.26	.030	1	2	.06	39	<.01	<3	.07	.01	.04	11	.24
RRE E 192734	<1	8	439	258	.9	5	2	126	.64	9	8	<2	<2	1206	1.9	<3	<3	<1	24.39	.030	2	3	.06	38	<.01	<3	.06	.01	.03	12	.19
E 192735	4	57	3337	1541	8.4	13	2	69	.60	16	<8	4	<2	307	10.7	26	<3	<1	5.63	.005	<1	15	.01	11	<.01	<3	.04	.01	.02	19	4.05
E 192736	<1	<1	12	46	<.3	1	1	72	.33	2	<8	<2	<2	1231	.4	<3	<3	<1	32.03	.015	2	<1	.08	22	<.01	<3	.04	.01	.02	3	.02
E 192737	1	4	57	407	<.3	10	3	167	.84	12	<8	<2	<2	909	2.6	<3	<3	<1	15.73	.015	4	8	.04	25	<.01	<3	.10	.01	.06	87	.06
E 192738	<1	3	8	14	<.3	5	2	122	.73	8	<8	<2	2	1070	<.2	<3	<3	<1	27.35	.030	5	<1	.09	40	<.01	<3	.11	.01	.07	<2	.01
E 192739	<1	3	7	11	<.3	5	2	109	.69	10	<8	<2	<2	1347	<.2	<3	<3	<1	28.44	.029	4	<1	.07	49	<.01	3	.09	.01	.06	2	.02
E 192740 PULP	11	517	26	301	3.5	25	4	660	12.75	248	9	6	3	289	2.9	<3	21	10	4.50	.072	11	36	1.24	60	<.01	23	.33	.01	.10	7	7.74
E 192741	<1	6	12	10	<.3	6	3	221	.96	11	<8	<2	<2	1019	.3	<3	<3	1	18.14	.012	6	7	.05	21	<.01	<3	.06	.01	.04	7	.04
E 192742	<1	4	7	18	<.3	7	3	85	.86	9	<8	<2	<2	1047	.2	<3	<3	<1	23.44	.020	3	1	.11	44	<.01	<3	.12	.01	.08	<2	.01
STANDARD C3/AU-1	25	63	39	171	5.3	38	12	764	3.34	57	21	3	20	36	22.7	14	21	74	.64	.093	18	164	.60	145	.09	24	1.79	.04	.17	15	3.51

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: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 24 2000 **DATE REPORT MAILED:** Oct 31/00 **SIGNED BY:** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ___ FA ___

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** gm/mt
E 192743	1	5	11	54	.3	6	3	68	.84	9	<8	<2	2	1236	.2	<3	<3	<1	29.23	.018	3	<1	.14	63	<.01	<3	.10	.01	.07	7	.01
E 192744	<1	4	10	18	.3	7	4	108	.96	12	<8	<2	3	1121	<.2	<3	<3	<1	28.82	.025	5	<1	.16	49	<.01	<3	.11	.01	.08	6	.02
E 192745	<1	7	8	17	.3	12	4	97	1.22	18	9	<2	2	1139	<.2	<3	<3	<1	25.29	.018	5	2	.24	50	<.01	<3	.14	.01	.10	5	.02
E 192746	<1	3	5	12	<.3	4	2	87	.61	6	<8	<2	<2	1322	<.2	<3	<3	<1	31.92	.027	3	<1	.15	45	<.01	<3	.10	.01	.07	6	<.01
E 192747	<1	4	7	17	.3	5	2	80	.71	12	<8	<2	<2	1151	<.2	3	<3	<1	29.94	.022	3	1	.16	45	<.01	3	.11	.01	.07	5	.01
E 192748	<1	4	9	15	<.3	6	3	122	.90	10	<8	<2	2	1094	<.2	3	<3	<1	24.83	.027	5	<1	.21	40	<.01	3	.15	.01	.10	3	.01
E 192749	<1	5	11	27	<.3	7	3	50	.71	16	<8	<2	3	1496	.2	<3	<3	<1	29.68	.031	8	<1	.08	57	<.01	<3	.10	.01	.07	4	.01
E 192750	<1	4	12	19	<.3	7	2	50	.64	10	<8	<2	2	1523	<.2	3	<3	1	29.32	.031	8	1	.09	65	<.01	<3	.10	.01	.07	4	.01
E 192751	<1	6	10	20	.3	10	4	56	.81	14	<8	<2	3	1359	<.2	3	<3	1	24.81	.025	7	2	.08	68	<.01	<3	.16	.01	.11	3	.02
E 192752	<1	6	75	20	.6	16	6	58	1.13	19	<8	<2	2	1040	.2	4	<3	1	20.09	.021	7	2	.07	72	<.01	5	.20	.01	.14	3	.03
E 192753	1	1878	24029	28861	41.6	41	14	174	2.50	62	<8	5	<2	709	274.5	58	<3	2	14.99	.015	4	8	.11	40	<.01	5	.14	.01	.08	176	9.00
E 192754	2	266	7101	5858	9.9	8	5	241	1.04	23	<8	<2	<2	699	48.8	17	<3	<1	16.00	.030	3	6	.05	26	<.01	3	.10	.01	.05	166	2.09
RE E 192754	2	263	6989	5766	10.3	9	5	238	1.03	24	<8	<2	<2	700	48.2	18	<3	<1	15.80	.029	2	7	.05	26	<.01	<3	.10	.01	.05	164	2.18
RRE E 192754	2	244	6541	5617	9.9	6	5	246	1.03	22	<8	<2	<2	712	46.6	18	<3	<1	16.01	.028	3	11	.05	26	<.01	<3	.10	.01	.05	164	2.32
E 192755	7	3187	27700	60183	78.6	31	17	108	2.28	8	<8	7	<2	312	611.5	100	8	1	6.02	.032	1	14	.01	15	<.01	5	.08	.01	.04	207	9.87
E 192756	5	859	7587	12733	14.7	21	10	75	1.13	31	<8	4	<2	104	122.3	22	<3	<1	2.82	.010	<1	22	<.01	9	<.01	3	.05	.01	.02	24	4.39
E 192757	7	84	718	2015	2.6	13	1	41	.55	4	<8	<2	<2	41	14.4	6	<3	1	.60	.007	<1	26	<.01	5	<.01	4	.03	.01	.01	3	.71
E 192758	2	164	1793	5261	3.9	5	3	133	.77	10	<8	<2	<2	638	34.5	7	<3	<1	11.89	.020	2	15	.04	22	<.01	4	.08	.01	.05	41	1.68
E 192759	<1	9	40	139	.4	13	5	127	1.38	16	<8	<2	3	900	.9	3	<3	<1	20.16	.029	5	3	.22	78	<.01	4	.24	.01	.15	14	.03
E 192760 PULP	10	516	28	312	3.9	24	4	665	13.28	254	9	7	2	296	2.8	<3	22	11	4.59	.072	11	37	1.27	65	<.01	9	.34	.01	.10	9	7.62
E 192761	<1	7	21	60	.4	8	3	90	.96	12	<8	<2	2	953	.4	4	<3	<1	24.34	.032	5	2	.20	53	<.01	5	.16	.01	.10	228	.03
E 192762	<1	6	15	23	.3	8	3	86	.94	13	<8	<2	2	934	<.2	3	<3	<1	23.92	.026	5	2	.19	60	<.01	5	.17	.01	.11	218	.02
E 192763	1	12	12	67	.3	3	1	65	.50	6	<8	<2	2	1231	.4	4	<3	<1	32.59	.014	2	<1	.13	36	<.01	<3	.07	.01	.04	3	.02
E 192764	<1	4	13	13	.3	4	2	51	.67	7	<8	<2	<2	1291	<.2	3	<3	<1	30.62	.013	3	<1	.21	48	<.01	<3	.08	.01	.05	<2	.01
E 192765	<1	10	8	12	.3	12	6	60	1.17	13	<8	<2	5	843	<.2	3	<3	<1	20.26	.019	5	3	.17	81	<.01	5	.21	.02	.13	<2	.01
E 192766	<1	6	6	8	<.3	3	1	45	.57	5	<8	<2	<2	1405	<.2	4	<3	<1	32.88	.013	4	2	.23	64	<.01	<3	.10	.04	.02	<2	<.01
RE E 192766	<1	5	7	9	.3	3	1	45	.57	4	<8	<2	<2	1411	<.2	4	<3	<1	32.48	.013	4	2	.22	64	<.01	<3	.10	.04	.03	<2	.01
RRE E 192766	<1	5	4	8	.3	3	1	44	.56	5	<8	<2	<2	1408	<.2	5	<3	<1	32.29	.012	4	<1	.22	63	<.01	<3	.10	.04	.02	<2	.01
E 192767	<1	11	7	13	.3	3	1	57	.49	5	<8	<2	<2	1232	<.2	3	<3	<1	31.40	.017	3	<1	.15	40	<.01	<3	.08	.03	.04	<2	.01
E 192768	<1	10	9	12	<.3	15	7	70	1.53	12	<8	<2	5	423	<.2	3	<3	<1	9.59	.029	6	2	.25	92	<.01	3	.30	.01	.19	<2	.01
E 192769	<1	7	8	14	<.3	7	3	81	.98	12	<8	<2	3	923	<.2	<3	<3	<1	24.75	.026	5	2	.23	56	<.01	3	.15	.01	.11	<2	.01
E 192770	<1	4	10	8	.3	5	2	69	.73	6	<8	<2	<2	1021	<.2	3	<3	<1	26.40	.020	6	<1	.17	49	<.01	4	.12	.02	.08	<2	.01
E 192771	<1	6	12	13	<.3	9	4	104	.81	11	<8	<2	2	852	<.2	3	<3	<1	21.13	.035	6	2	.21	59	<.01	4	.22	.02	.13	<2	.01
E 192772	<1	9	14	28	<.3	13	5	91	1.49	16	<8	<2	3	798	<.2	3	<3	<1	17.70	.026	5	4	.29	68	<.01	5	.29	.05	.16	<2	.01
E 192773	<1	3	5	6	.3	3	1	57	.55	5	<8	<2	<2	1143	<.2	4	<3	<1	32.30	.020	3	<1	.14	33	<.01	6	.09	.03	.05	<2	.01
STANDARD C3/AU-1	26	61	34	176	5.3	37	11	757	3.33	56	15	3	21	31	23.0	15	23	75	.62	.093	17	161	.61	143	.09	25	1.79	.04	.16	17	3.62

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA

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** gm/mt
E 192774	<1	2	7	18	<.3	3	2	150	.55	6	<8	<2	2	1281	<.2	<3	<3	<1	28.57	.024	5	2	.15	35	<.01	<3	.10	.02	.07	<2	<.01
E 192775	1	17	11	43	<.3	24	10	131	2.65	28	<8	<2	5	610	.2	3	<3	<1	10.61	.026	5	5	.42	61	<.01	4	.39	.02	.25	<2	.02
E 192776	<1	11	12	25	<.3	15	6	94	1.57	16	<8	<2	4	700	.2	5	<3	<1	15.66	.023	5	2	.26	54	<.01	<3	.23	.02	.16	<2	.04
E 192777	<1	4	4	13	<.3	3	2	61	.42	6	<8	<2	2	1159	<.2	<3	<3	<1	32.57	.021	4	2	.15	36	<.01	<3	.08	.01	.06	<2	.01
E 192778	1	7	80	71	.5	3	1	102	.50	6	<8	<2	<2	1168	.5	5	<3	<1	25.72	.015	3	5	.10	23	<.01	<3	.06	.01	.03	3	.01
E 192779	1	18	475	928	1.3	7	3	110	.85	17	<8	<2	2	1336	5.5	10	<3	<1	26.13	.027	2	3	.14	34	<.01	<3	.10	.01	.07	<2	.28
E 192780 PULP	9	245	9	148	1.6	29	2	335	7.14	106	<8	3	2	133	1.4	<3	12	4	2.05	.035	6	44	.54	53	<.01	7	.16	.01	.06	8	3.46
E 192781	1	35	22	90	.3	36	13	384	3.90	32	<8	<2	5	237	.4	<3	<3	<1	4.36	.055	8	11	1.00	53	<.01	6	.38	.02	.24	3	.07
E 192782	4	1077	21536	8583	34.2	142	29	181	4.77	156	<8	6	3	377	73.1	547	<3	1	6.28	.028	3	17	.30	28	<.01	8	.20	.02	.12	5	8.46
E 192783	1	31	78	88	.3	37	13	387	3.99	16	<8	<2	5	321	.5	<3	<3	<1	4.89	.051	7	13	.94	51	<.01	9	.42	.02	.25	3	.02
E 192784	<1	10	58	30	.3	9	3	215	1.10	16	<8	<2	2	1369	<.2	<3	<3	<1	29.51	.028	5	3	.31	28	<.01	<3	.11	.01	.08	<2	.01
E 192785	1	23	57	73	<.3	26	11	353	3.09	18	<8	<2	4	564	.4	<3	<3	<1	9.20	.042	7	8	.85	48	<.01	3	.32	.02	.20	3	.01
E 192786	1	3	10	20	<.3	5	2	53	.48	5	<8	<2	<2	1125	<.2	<3	<3	<1	31.35	.024	2	<1	.14	38	<.01	<3	.10	.01	.07	2	.01
E 192787	1	8	16	143	.3	11	4	117	1.12	14	<8	<2	3	1309	.8	<3	<3	<1	24.86	.025	8	4	.19	52	<.01	<3	.16	.01	.11	4	.04
E 192788	<1	14	14	24	.3	18	7	89	1.65	37	<8	<2	5	1087	.2	3	<3	<1	16.56	.015	7	4	.29	101	<.01	<3	.30	.02	.20	<2	.03
RE E 192788	<1	13	15	24	<.3	18	7	87	1.63	38	<8	<2	4	1058	<.2	<3	<3	2	16.26	.015	7	4	.29	98	<.01	<3	.29	.02	.19	<2	.03
RRE E 192788	1	14	13	24	.3	18	7	90	1.70	40	<8	<2	4	1066	<.2	<3	<3	<1	16.30	.016	7	3	.30	88	<.01	<3	.26	.02	.17	<2	.02
E 192789	<1	5	5	10	<.3	6	2	114	.79	9	<8	<2	2	1581	<.2	<3	<3	<1	30.69	.034	5	2	.10	45	<.01	<3	.08	.01	.06	<2	.02
E 192790	1	5	9	18	<.3	8	3	78	.79	15	<8	<2	3	1657	<.2	<3	<3	<1	27.65	.037	7	4	.11	66	<.01	<3	.14	.01	.10	<2	.01
E 192791	<1	4	6	36	<.3	5	2	74	.55	12	<8	<2	3	1826	.2	<3	<3	<1	31.87	.024	4	<1	.08	50	<.01	<3	.08	.01	.06	2	.01
STANDARD C3/AU-1	25	63	37	167	5.3	37	11	754	3.31	59	15	3	21	30	23.0	15	21	77	.59	.093	18	163	.60	145	.09	23	1.79	.04	.17	16	3.52

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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

Gold City Industries Ltd. File # A004327 Page 1

200 - 580 Hornby St., Vancouver BC V6C 3B6 Submitted by: Ned Reid

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** gm/mt
E 192792	3	21	73	330	1.0	39	15	266	3.80	46	8	<2	5	116	2.8	<3	<3	<1	2.52	.036	7	15	.72	49	<.01	6	.33	.02	.22	4	6.80
E 192793	2	290	1030	5058	3.4	5	2	260	1.26	4	<8	<2	<2	604	40.7	15	<3	<1	14.18	.025	1	10	.35	13	<.01	<3	.14	.01	.03	35	.34
E 192794	6	61	445	453	2.9	4	1	50	.49	2	<8	<2	<2	13	4.6	8	<3	1	.24	.004	<1	35	<.01	4	<.01	4	.03	.01	.01	15	.36
E 192795	8	2638	22714	81937	48.0	52	29	39	3.24	44	<8	32	<2	26	813.0	110	5	<1	.40	.004	<1	22	<.01	2	<.01	4	.02	.01	.01	85	31.98
E 192796	3	22	313	759	2.1	13	10	141	1.45	23	<8	<2	2	421	5.8	4	<3	1	8.07	.019	3	22	.06	22	<.01	6	.13	.01	.07	28	.47
E 192797	5	404	1664	8425	8.2	28	15	138	2.17	41	<8	13	<2	377	73.1	7	3	1	7.51	.017	3	17	.03	19	<.01	3	.10	.01	.05	14	12.36
E 192798	3	50	4322	4417	5.2	13	11	132	1.27	25	<8	<2	2	466	35.7	9	<3	<1	8.96	.013	2	19	.06	22	<.01	6	.11	.01	.06	141	4.82
E 192799	<1	6	94	191	<.3	10	4	173	1.06	17	<8	<2	2	1442	1.5	<3	<3	<1	31.74	.059	6	2	.08	28	<.01	<3	.09	.01	.05	<2	.30
E 192800 PULP	13	522	36	299	2.6	27	4	698	13.64	259	15	6	2	302	4.3	<3	25	12	4.76	.076	11	41	1.32	61	<.01	<3	.32	.01	.10	6	7.63
E 192801	1	8	105	459	.7	3	3	141	.65	10	<8	<2	<2	1281	3.7	<3	<3	<1	26.95	.032	4	5	.06	23	<.01	6	.07	.01	.04	201	2.72
E 192802	<1	4	51	46	.5	11	6	213	1.12	18	<8	<2	2	1476	.7	<3	<3	1	30.71	.050	6	2	.09	29	<.01	3	.09	.01	.05	<2	2.01
RE E 192802	<1	4	58	44	.7	11	6	209	1.11	17	<8	<2	<2	1454	.5	<3	<3	<1	30.41	.049	6	<1	.09	28	<.01	5	.09	.01	.05	<2	1.58
RRE E 192802	<1	4	48	48	.7	10	6	207	1.12	18	<8	<2	<2	1450	.6	<3	<3	<1	29.99	.047	6	5	.09	28	<.01	3	.09	.01	.05	<2	1.56
E 192803	1	54	20	1438	1.0	6	4	76	1.12	30	<8	<2	2	1470	10.7	<3	<3	<1	29.40	.025	5	2	.06	30	<.01	3	.07	.01	.04	<2	1.99
E 192804	<1	5	15	38	<.3	6	2	117	.76	10	<8	<2	2	1610	.2	<3	<3	<1	31.45	.020	6	2	.08	41	<.01	4	.11	.01	.06	<2	.04
E 192805	<1	2	26	68	<.3	4	2	151	.69	9	<8	<2	3	1901	.3	<3	<3	<1	33.98	.046	5	3	.05	30	<.01	<3	.10	.01	.05	<2	.02
E 192806	3	3	30	62	.3	3	1	95	.52	6	<8	<2	<2	425	.2	3	<3	1	8.36	.010	2	21	.02	12	<.01	8	.04	.01	.02	97	<.01
E 192807	<1	3	14	18	<.3	5	2	111	.71	8	<8	<2	2	1379	<.2	<3	<3	<1	28.96	.028	5	3	.08	31	<.01	<3	.10	.01	.06	<2	<.01
E 192808	4	2	45	75	.6	4	2	75	.62	5	<8	<2	<2	238	.6	<3	<3	<1	3.83	.009	1	26	.07	8	<.01	3	.04	.01	.01	12	.96
E 192809	6	4	5	13	<.3	9	<1	48	.35	<2	<8	<2	<2	103	<.2	<3	<3	<1	1.79	.001	<1	25	.01	3	<.01	3	.01	.01	<.01	2	.01
E 192810	6	15	1210	4583	2.9	5	3	71	.63	6	<8	<2	<2	205	34.2	4	<3	<1	3.16	.004	1	35	.02	7	<.01	4	.03	.01	.01	24	1.10
E 192811	<1	5	8	20	<.3	5	2	92	.68	8	<8	<2	2	1444	<.2	3	<3	1	30.09	.026	6	3	.11	46	<.01	5	.12	.01	.07	<2	.01
E 192812	1	36	70	103	<.3	42	15	415	4.53	32	<8	<2	4	307	1.0	9	<3	<1	6.30	.053	8	7	1.23	59	<.01	4	.41	.01	.26	2	.06
E 192813	<1	80	152	229	.9	5	2	127	.87	13	<8	<2	3	1517	2.0	37	<3	<1	31.68	.024	2	2	.22	40	<.01	<3	.09	.01	.06	<2	.02
E 192814	1	33	352	239	.7	45	13	360	4.24	33	<8	<2	4	228	2.2	9	<3	<1	4.46	.042	7	13	1.04	65	<.01	4	.42	.02	.26	<2	.30
RE E 192814	1	32	336	227	.6	43	14	345	4.10	33	<8	<2	5	219	2.0	9	<3	<1	4.32	.042	7	10	1.00	60	<.01	5	.38	.01	.23	3	.40
RRE E 192814	1	36	358	237	.6	48	15	354	4.34	35	<8	<2	4	228	2.1	9	<3	<1	4.46	.044	7	9	1.03	66	<.01	8	.42	.02	.26	<2	.39
E 192815	5	9	397	69	.4	15	5	244	1.99	11	<8	<2	2	48	.7	<3	<3	6	1.65	.022	4	28	.16	25	<.01	5	.30	.01	.12	13	.07
E 192816	1	51	53	54	<.3	40	13	441	4.08	39	<8	<2	5	199	.7	<3	<3	<1	4.67	.052	7	13	.63	42	<.01	<3	.37	.02	.23	2	.06
E 192817	1	3	11	39	<.3	4	2	160	.85	6	<8	<2	<2	1368	.4	<3	<3	1	28.47	.027	4	5	.11	18	<.01	4	.07	.01	.04	<2	.02
E 192818	2	4	3	47	<.3	6	2	110	.72	4	<8	<2	2	922	.2	<3	<3	<1	18.94	.012	2	9	.07	18	<.01	3	.06	.01	.03	<2	.03
E 192819	<1	7	14	68	<.3	10	4	239	1.35	12	<8	<2	3	1267	.4	3	<3	<1	24.87	.047	5	5	.23	34	<.01	3	.18	.01	.12	<2	.03
E 192820 PULP	11	531	22	295	2.5	26	3	696	13.71	253	10	6	2	304	4.7	<3	25	12	4.73	.074	11	43	1.31	62	<.01	<3	.32	.01	.10	12	7.92
E 192821	<1	35	52	184	<.3	40	15	346	4.19	35	<8	<2	4	315	1.1	4	<3	<1	5.95	.048	8	8	.95	56	<.01	<3	.45	.02	.28	4	.13
STANDARD C3/AU-1	28	67	39	170	5.4	41	12	811	3.56	59	18	4	23	30	25.0	17	22	77	.60	.098	19	175	.65	152	.09	23	1.86	.04	.17	20	3.57
STANDARD G-2	2	4	4	42	<.3	8	4	528	2.03	<2	<8	<2	5	68	<.2	<3	<3	36	.63	.102	7	72	.60	218	.13	4	.90	.07	.46	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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 26 2000 DATE REPORT MAILED: Nov 6/00 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

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** gm/mt
E 192822	3	15	191	488	.5	24	8	286	3.10	24	<8	<2	4	358	1.1	4	<3	<1	5.55	.040	4	18	.66	40	<.01	8	.31	.02	.20	4	.06
E 192823	1	33	177	487	.8	34	12	332	3.77	31	<8	<2	6	305	2.0	<3	<3	<1	5.76	.044	7	11	.88	54	<.01	9	.42	.02	.27	<2	.35
E 192824	2	28	204	366	.6	19	7	276	2.66	23	9	<2	3	706	2.4	<3	<3	<1	15.20	.037	5	9	.71	39	<.01	3	.28	.01	.18	34	.21
E 192825	1	103	1127	1537	3.2	20	7	220	2.20	26	<8	<2	4	792	13.1	15	<3	<1	16.93	.032	5	7	.45	40	<.01	4	.26	.01	.16	<2	.82
E 192826	5	17	333	624	1.4	11	9	80	1.48	21	8	<2	<2	185	4.1	6	<3	1	3.63	.018	<1	28	.02	12	<.01	6	.07	.02	.04	199	.20
E 192827	1	45	739	442	1.6	15	5	121	1.42	21	<8	<2	2	992	4.2	24	<3	<1	22.38	.019	4	8	.10	48	<.01	<3	.19	.01	.13	<2	.22
E 192828	<1	4	22	75	<.3	2	1	53	.38	6	<8	<2	2	1461	.7	<3	<3	<1	33.81	.021	3	2	.09	52	<.01	<3	.09	.01	.06	<2	.01
E 192829	<1	3	<3	7	<.3	4	2	42	.46	5	<8	<2	<2	1418	<.2	<3	<3	<1	32.79	.042	5	<1	.14	46	<.01	<3	.10	.01	.06	<2	.01
E 192830	1	7	208	438	.6	12	5	139	1.39	23	<8	<2	3	1280	2.7	4	<3	<1	24.07	.030	5	5	.27	63	<.01	4	.16	.01	.12	129	.04
E 192831	1	6	17	17	<.3	10	4	175	1.23	19	<8	<2	3	1595	<.2	<3	<3	<1	27.66	.033	6	4	.20	65	<.01	<3	.16	.01	.12	<2	.01
E 192832	<1	7	8	10	<.3	6	3	192	.93	11	<8	<2	2	1714	<.2	<3	<3	<1	30.19	.030	5	2	.14	50	<.01	<3	.11	.01	.08	<2	.01
RE E 192832	<1	7	3	10	<.3	5	2	194	.95	12	<8	<2	3	1739	<.2	<3	<3	<1	30.38	.031	5	4	.14	51	<.01	<3	.11	.01	.08	<2	.01
RRE E 192832	<1	6	<3	10	<.3	6	2	189	.91	12	<8	<2	2	1697	<.2	<3	<3	<1	29.81	.031	5	1	.13	51	<.01	<3	.11	.01	.08	<2	.01
E 192833	<1	5	7	8	<.3	8	3	92	.87	13	<8	<2	3	1723	<.2	<3	<3	<1	29.62	.038	6	2	.11	67	<.01	<3	.16	.01	.11	<2	.02
E 192834	<1	1	6	1	<.3	3	1	179	.69	6	<8	<2	2	1712	<.2	<3	<3	<1	31.91	.037	5	1	.10	40	<.01	<3	.08	.01	.05	<2	.01
E 192835	<1	1	4	2	<.3	1	1	302	.52	4	<8	<2	<2	1239	<.2	<3	<3	<1	33.76	.030	5	1	.10	22	<.01	<3	.04	.01	.02	<2	<.01
E 192836	<1	7	7	11	<.3	10	4	82	.94	14	<8	<2	3	1592	<.2	3	<3	<1	27.49	.032	6	3	.09	73	<.01	<3	.16	.01	.11	<2	.03
E 192837	<1	4	5	8	<.3	6	2	65	.75	10	<8	<2	2	1603	<.2	<3	<3	<1	28.00	.032	5	3	.09	59	<.01	<3	.11	.01	.08	<2	.02
E 192838	4	3	<3	7	<.3	7	1	38	.28	2	<8	<2	<2	432	<.2	<3	<3	<1	6.46	.009	<1	18	.01	12	<.01	<3	.03	.01	.01	<2	<.01
E 192839	<1	7	16	91	<.3	6	2	119	.81	9	<8	<2	2	1478	.6	3	<3	<1	30.74	.028	5	3	.10	54	<.01	<3	.12	.01	.08	<2	.02
E 192840 PULP	17	543	19	286	3.9	31	3	708	14.10	260	17	7	4	323	2.6	<3	25	14	4.79	.078	11	53	1.34	71	<.01	11	.34	.01	.11	9	7.82
E 192841	<1	7	11	25	.3	10	4	130	1.20	14	<8	<2	2	1296	.3	<3	<3	<1	25.52	.038	5	4	.17	53	<.01	<3	.18	.01	.12	<2	.01
E 192842	<1	12	48	45	<.3	14	5	218	1.84	18	<8	<2	3	1201	.2	<3	3	<1	22.81	.025	3	6	.49	31	<.01	<3	.19	.02	.13	<2	.04
E 192843	<1	8	55	67	.3	9	3	117	1.11	12	<8	<2	3	1387	.5	<3	<3	<1	27.61	.036	5	5	.26	34	<.01	<3	.14	.01	.10	<2	.03
E 192844	1	23	34	27	.4	22	7	266	2.41	43	<8	<2	3	1062	<.2	<3	<3	<1	16.89	.031	5	10	.40	45	<.01	3	.24	.02	.17	<2	.02
RE E 192844	1	23	32	25	.3	21	6	262	2.38	41	<8	<2	2	1040	<.2	3	<3	<1	16.57	.031	4	6	.40	44	<.01	<3	.23	.02	.17	<2	.02
RRE E 192844	1	23	29	26	.3	24	7	258	2.39	43	<8	<2	3	1032	.2	<3	<3	<1	16.44	.030	4	6	.39	44	<.01	<3	.24	.02	.17	<2	.02
E 192845	<1	<1	4	2	<.3	2	1	71	.30	3	<8	<2	2	1673	<.2	<3	<3	<1	35.10	.023	3	<1	.11	29	<.01	<3	.05	.02	.03	<2	.01
E 192846	<1	3	53	91	.3	5	2	104	.67	9	<8	<2	2	1517	.8	3	<3	<1	33.04	.031	4	4	.18	46	<.01	<3	.10	.02	.06	<2	.01
E 192847	<1	14	21	28	.4	18	7	202	1.94	24	<8	<2	4	1208	.2	3	<3	<1	20.58	.026	8	3	.28	56	<.01	<3	.19	.01	.14	<2	.04
E 192848	1	18	18	38	.5	24	8	245	2.18	27	<8	<2	3	1035	<.2	4	<3	<1	17.20	.015	5	4	.44	71	<.01	<3	.30	.02	.20	<2	.03
E 192849	<1	6	8	9	<.3	9	3	114	1.14	13	<8	<2	2	1254	<.2	3	<3	<1	30.26	.027	5	3	.25	43	<.01	<3	.12	.02	.09	<2	.02
E 192850	<1	6	15	20	<.3	11	4	102	1.00	16	<8	<2	4	1534	<.2	<3	<3	<1	28.06	.074	8	2	.17	53	<.01	<3	.17	.02	.12	<2	.02
E 192851	<1	11	9	18	<.3	11	4	128	1.32	24	<8	<2	3	1372	<.2	3	<3	<1	23.10	.035	6	5	.23	63	<.01	5	.21	.03	.14	<2	.01
E 192852	<1	3	3	11	<.3	5	2	214	.93	11	<8	<2	3	1874	<.2	<3	<3	<1	31.73	.020	6	2	.13	37	<.01	<3	.08	.01	.06	<2	<.01
E 192853	<1	8	7	14	<.3	11	4	68	.90	17	<8	<2	4	1435	<.2	<3	<3	<1	26.33	.031	6	3	.12	65	<.01	<3	.16	.02	.12	<2	.01
STANDARD C3/AU-1	30	69	35	168	5.7	40	12	827	3.63	59	21	3	23	33	24.9	16	22	79	.62	.100	19	183	.66	159	.09	24	1.87	.05	.18	15	3.62
STANDARD G-2	1	3	<3	41	<.3	8	4	567	2.18	<2	9	<2	8	80	<.2	<3	<3	38	.70	.109	8	83	.64	247	.14	<3	.98	.08	.50	2	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data f FA f

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

Gold City Industries Ltd. File # A004356 Page 1
200 - 580 Hornby St., Vancouver BC V6C 3B6 Submitted by: Ned Reid

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** gm/mt
E 192854	<1	9	13	94	<.3	9	4	83	.86	10	<8	<2	2	1215	.2	4	<3	1	24.85	.041	4	5	.11	46	<.01	5	.18	.01	.12	6	.02
E 192855	<1	2	33	133	<.3	1	1	39	.24	2	<8	<2	<2	1402	.9	<3	<3	<1	35.24	.013	1	3	.11	22	<.01	3	.03	.01	.02	6	<.01
E 192856	<1	4	11	59	<.3	1	1	43	.26	4	<8	<2	<2	1529	<.2	<3	<3	<1	36.49	.017	1	2	.12	26	<.01	4	.03	.01	.01	5	<.01
E 192857	<1	1	7	27	<.3	<1	1	54	.25	<2	<8	<2	<2	1604	<.2	<3	<3	<1	34.58	.013	1	2	.10	19	<.01	7	.02	.01	.01	4	<.01
E 192858	<1	2	5	10	<.3	2	1	56	.26	<2	<8	<2	<2	1481	<.2	<3	<3	<1	34.08	.016	2	1	.11	21	<.01	5	.03	.01	.01	3	<.01
E 192859	<1	3	7	29	<.3	5	2	86	.66	5	<8	<2	<2	1420	<.2	3	<3	<1	29.79	.025	3	4	.12	34	<.01	3	.07	.01	.05	3	.02
E 192860 PULP	11	239	13	131	2.7	28	3	331	6.96	102	<8	<2	<2	130	1.0	3	9	5	2.03	.035	5	43	.53	54	<.01	7	.16	.01	.06	11	3.56
E 192861	<1	4	16	33	<.3	5	3	100	.72	7	<8	<2	2	1388	<.2	4	<3	<1	28.69	.033	4	2	.11	47	<.01	3	.10	.01	.07	2	.03
E 192862	3	835	5891	14464	11.4	8	7	91	.92	25	<8	<2	<2	390	136.0	306	<3	<1	7.22	.084	1	14	.12	23	<.01	7	.13	.01	.07	12	.43
E 192863	<1	10	29	76	.4	7	3	82	.82	10	<8	<2	2	1445	.6	5	<3	<1	29.90	.026	5	3	.12	31	<.01	<3	.11	.01	.08	5	.05
E 192864	2	210	5105	1037	6.3	11	6	161	1.14	22	<8	<2	2	523	8.7	30	<3	<1	10.01	.063	2	12	.15	28	<.01	7	.17	.01	.09	6	.09
RE E 192864	2	206	5087	1045	6.2	11	6	160	1.14	21	<8	<2	2	515	8.7	30	<3	<1	9.98	.063	3	11	.15	28	<.01	6	.17	.01	.09	6	.06
RRE E 192864	2	207	5061	995	6.1	11	6	159	1.14	19	<8	<2	2	515	8.4	30	<3	1	10.01	.063	2	13	.15	28	<.01	<3	.17	.01	.09	6	.06
E 192865	3	3290	26307	37991	37.1	22	15	185	2.04	49	<8	<2	2	479	351.8	88	<3	<1	8.89	.040	2	11	.30	23	<.01	6	.13	.01	.08	13	4.10
E 192866	<1	10	97	82	.6	6	2	332	1.35	12	<8	<2	2	1431	.7	<3	<3	<1	25.33	.034	8	5	.24	20	<.01	<3	.09	.01	.06	137	.01
E 192867	<1	16	89	106	.6	12	5	209	1.49	25	<8	<2	3	1364	.9	3	<3	<1	24.28	.040	5	5	.28	27	<.01	7	.13	.01	.09	5	.04
E 192868	1	6	51	71	.4	10	4	165	1.23	16	<8	<2	3	1349	.3	<3	<3	<1	24.57	.026	5	5	.22	27	<.01	6	.11	.01	.08	6	.04
E 192869	<1	12	1400	1384	2.0	12	5	192	1.26	19	<8	<2	2	1323	11.6	3	<3	<1	25.82	.057	6	6	.18	32	<.01	5	.16	.01	.11	2	.06
E 192870	1	324	5159	6971	8.4	13	7	124	1.32	26	<8	<2	3	704	60.9	13	<3	<1	13.38	.033	3	10	.23	25	<.01	5	.15	.01	.10	<2	.12
E 192871	3	18	174	244	.7	19	5	149	1.62	26	<8	<2	2	170	2.0	4	<3	<1	3.00	.018	2	13	.31	19	<.01	<3	.14	.01	.08	<2	.06
E 192872	3	517	7320	17362	11.6	19	12	152	1.76	47	<8	<2	2	385	166.1	242	<3	2	7.05	.061	3	18	.22	25	<.01	4	.20	.01	.11	7	.12
E 192873	<1	310	535	435	1.8	16	5	241	1.94	38	<8	<2	3	1251	3.6	22	<3	<1	22.55	.022	7	5	.31	28	<.01	<3	.14	.01	.09	<2	.19
E 192874	<1	14	151	121	.8	15	6	187	1.71	31	<8	<2	4	1371	.8	4	<3	<1	24.13	.031	7	5	.25	30	<.01	5	.13	.01	.10	6	.03
E 192875	<1	10	32	40	.3	11	4	133	1.22	17	<8	<2	4	1334	.2	4	<3	<1	26.95	.038	6	2	.23	31	<.01	<3	.14	.01	.10	2	.04
E 192876	1	6	53	36	.7	14	8	179	1.49	23	8	<2	4	1228	.2	3	<3	<1	23.22	.019	6	6	.23	25	<.01	4	.13	.01	.08	3	.04
RE E 192876	1	6	54	33	.6	14	7	171	1.44	22	<8	<2	3	1168	.2	4	<3	<1	22.17	.018	6	5	.23	24	<.01	5	.12	.01	.08	3	.05
RRE E 192876	1	6	56	33	.7	14	7	170	1.43	21	<8	<2	3	1171	.3	4	<3	<1	22.26	.018	6	7	.23	24	<.01	4	.12	.01	.08	2	.05
E 192877	4	658	17597	11936	16.5	22	10	176	1.80	35	<8	<2	2	171	108.7	31	<3	<1	3.23	.058	2	17	.31	22	<.01	3	.17	.01	.09	154	.17
E 192878	<1	3	27	28	<.3	4	2	198	.75	8	<8	<2	3	1652	.2	<3	<3	<1	34.37	.037	6	4	.12	18	<.01	<3	.07	.01	.04	2	<.01
E 192879	5	34	2607	5061	4.3	19	7	145	1.43	29	<8	<2	2	211	45.7	5	<3	<1	3.51	.069	3	17	.28	26	<.01	<3	.23	.01	.12	184	.05
E 192880 PULP	11	238	10	137	1.7	29	3	338	7.14	106	<8	3	<2	132	1.0	4	10	7	2.10	.036	6	44	.55	53	<.01	9	.16	.01	.06	9	4.27
E 192881	<1	4	49	56	.3	32	11	408	3.23	69	<8	<2	6	605	.4	<3	<3	<1	10.41	.025	5	6	1.23	36	<.01	10	.24	.02	.16	59	<.01
E 192882	<1	1	54	20	.3	6	2	249	.79	14	9	<2	3	1733	<.2	<3	<3	<1	32.43	.035	5	4	.12	18	<.01	<3	.09	.01	.06	3	<.01
E 192883	<1	33	50	28	.4	37	12	176	3.18	108	<8	<2	3	1170	<.2	<3	<3	<1	15.43	.022	6	7	.43	28	<.01	7	.19	.01	.14	5	.04
STANDARD C3/AU-1	27	66	38	167	5.4	39	12	789	3.44	58	13	4	22	28	23.7	18	26	75	.57	.096	18	171	.63	149	.09	28	1.80	.04	.17	18	3.53
STANDARD G-2	1	4	4	43	<.3	8	4	549	2.10	<2	<8	<2	4	82	<.2	<3	<3	38	.67	.104	7	79	.61	244	.13	7	1.02	.11	.52	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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 27 2000 **DATE REPORT MAILED:** Nov 6/00 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ___ FA ___

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** gm/mt
E 192884	1	1	144	12	<.3	3	2	228	.74	7	<8	<2	2	1548	.2	<3	<3	<1	29.50	.085	5	2	.11	15	<.01	<3	.07	.01	.04	2	<.01
E 192885	2	33	307	63	.6	38	14	316	4.07	112	<8	<2	4	169	<.2	<3	<3	<1	3.87	.036	4	12	1.03	30	<.01	3	.25	.02	.17	6	.03
E 192886	<1	2	28	12	<.3	4	2	293	1.16	12	<8	<2	<2	1256	.2	<3	<3	<1	29.50	.037	5	2	.36	15	<.01	<3	.06	.01	.05	<2	<.01
E 192887	2	1	16	11	<.3	4	2	232	.86	9	<8	<2	2	1003	.2	<3	<3	<1	19.60	.019	4	11	.18	15	<.01	<3	.06	.01	.03	5	<.01
E 192888	<1	2	15	13	<.3	4	2	147	.74	12	<8	<2	<2	1314	<.2	<3	<3	<1	28.96	.023	3	2	.30	18	<.01	<3	.07	.01	.05	<2	<.01
E 192889	2	14	12	32	<.3	16	5	359	2.47	33	<8	<2	3	639	.2	<3	<3	<1	11.26	.035	3	11	.77	23	<.01	<3	.17	.01	.11	5	<.01
E 192890	1	33	26	58	<.3	41	17	577	4.52	101	<8	<2	4	228	.2	<3	<3	<1	5.37	.077	5	6	1.45	37	<.01	4	.36	.03	.22	4	.01
E 192891	5	2	3	7	<.3	3	1	93	.74	3	<8	<2	<2	40	<.2	<3	<3	1	.68	.003	1	22	.14	5	<.01	<3	.08	.01	.02	8	<.01
E 192892	4	16	10	31	<.3	27	7	302	2.92	36	<8	<2	3	123	<.2	<3	<3	<1	2.75	.020	5	15	.72	21	<.01	6	.20	.02	.13	3	.21
E 192893	4	2	<3	2	<.3	2	<1	64	.51	<2	<8	<2	<2	11	<.2	<3	<3	1	.25	.001	<1	28	.06	2	<.01	<3	.01	<.01	.01	10	<.01
E 192894	4	12	6	21	<.3	28	8	383	3.16	29	<8	<2	3	138	.2	<3	<3	<1	2.89	.014	4	17	.78	21	<.01	3	.18	.02	.12	3	.03
RE E 192894	4	11	5	20	<.3	27	7	368	3.03	28	<8	<2	4	132	<.2	<3	<3	<1	2.79	.013	4	16	.75	20	<.01	8	.18	.02	.11	3	.04
RRE E 192894	4	11	10	20	<.3	26	7	372	3.06	28	<8	<2	3	133	<.2	<3	<3	<1	2.81	.013	4	17	.76	20	<.01	<3	.18	.02	.12	<2	.10
E 192895	3	17	14	24	<.3	44	18	466	5.37	72	<8	<2	5	164	<.2	<3	<3	<1	3.68	.032	4	16	.94	27	<.01	<3	.24	.02	.16	7	.24
E 192896	2	38	38	46	.3	42	14	507	4.54	53	<8	<2	5	199	<.2	<3	4	<1	4.02	.015	7	9	1.25	31	<.01	3	.29	.02	.20	3	.18
E 192897	5	15	17	19	<.3	18	6	370	2.83	19	<8	<2	3	167	<.2	<3	<3	<1	2.80	.014	4	22	.81	20	<.01	<3	.19	.02	.11	8	.04
E 192898	4	18	29	210	<.3	34	12	517	4.16	29	<8	<2	5	266	1.0	<3	<3	<1	4.56	.043	7	10	1.26	28	<.01	4	.26	.03	.17	2	.01
E 192899	3	57	49	86	.3	36	14	387	4.04	48	<8	<2	5	280	.2	4	4	<1	3.92	.012	8	13	1.03	30	<.01	4	.26	.03	.17	6	.04
E 192900 PULP	15	536	17	299	2.8	27	5	683	13.89	259	<8	<2	<2	316	3.4	4	23	17	4.76	.078	11	39	1.30	72	<.01	<3	.32	.01	.11	13	7.74
E 192901	1	19	15	56	<.3	27	10	549	3.56	17	<8	<2	4	466	<.2	<3	<3	<1	7.42	.021	5	7	1.00	28	<.01	5	.24	.03	.15	3	<.01
E 192902	<1	6	7	9	<.3	6	2	147	.79	8	<8	<2	2	1750	<.2	3	<3	<1	30.43	.029	4	3	.17	44	<.01	<3	.09	.01	.06	2	.01
E 192903	<1	2	<3	6	<.3	4	1	63	.47	5	<8	<2	<2	1947	<.2	<3	<3	<1	32.90	.020	5	2	.08	31	<.01	<3	.06	.01	.04	<2	.01
E 192904	<1	2	<3	3	<.3	3	1	56	.36	4	<8	<2	<2	1462	<.2	<3	<3	<1	32.78	.030	3	1	.12	32	<.01	<3	.06	.01	.04	<2	<.01
E 192905	<1	14	13	37	<.3	18	5	132	1.78	24	<8	<2	3	1530	.2	9	<3	<1	22.99	.031	6	2	.18	57	<.01	<3	.16	.01	.11	<2	.07
E 192906	<1	9	8	22	<.3	13	5	118	1.24	17	<8	<2	3	1509	.2	6	<3	<1	24.65	.037	5	1	.20	45	<.01	<3	.14	.01	.10	2	.07
RE E 192906	<1	9	6	21	<.3	12	4	117	1.23	17	<8	<2	3	1486	<.2	6	<3	<1	24.39	.038	5	3	.20	45	<.01	3	.14	.01	.09	2	.07
RRE E 192906	<1	10	9	22	<.3	13	5	118	1.24	18	<8	<2	3	1500	<.2	6	<3	<1	24.61	.038	6	3	.20	46	<.01	<3	.15	.01	.10	<2	.07
E 192907	<1	5	<3	5	<.3	5	2	149	.73	8	<8	<2	2	1503	<.2	4	<3	<1	30.88	.043	4	<1	.29	35	<.01	<3	.08	.01	.05	<2	.02
E 192908	1	9	7	14	<.3	11	4	111	1.10	14	<8	<2	3	1587	<.2	5	<3	1	24.72	.040	5	3	.21	64	<.01	<3	.17	.01	.12	<2	.03
E 192909	<1	4	3	13	<.3	4	2	74	.62	6	<8	<2	2	1527	<.2	3	<3	1	29.78	.026	5	2	.09	52	<.01	<3	.08	.01	.05	2	<.01
E 192910	<1	5	8	17	<.3	8	4	182	1.02	12	<8	<2	2	1408	<.2	3	<3	1	25.46	.047	7	2	.13	66	<.01	<3	.15	.01	.10	<2	.02
E 192911	<1	5	10	32	<.3	7	3	131	.88	9	<8	<2	2	1265	<.2	<3	<3	<1	25.32	.029	4	2	.16	51	<.01	<3	.12	.02	.08	2	<.01
E 192912	1	998	13617	13274	36.9	13	5	207	1.50	57	<8	<2	<2	1117	96.6	270	3	<1	19.82	.029	3	5	.14	29	<.01	<3	.09	.01	.06	<2	.82
E 192913	3	141	633	7602	1.5	46	15	353	4.74	50	<8	<2	4	200	66.5	<3	<3	1	3.99	.033	7	11	.89	53	<.01	3	.43	.02	.28	2	1.09
E 192914	1	85	1103	6307	1.9	13	5	226	1.88	27	<8	<2	<2	1156	50.4	7	<3	<1	19.39	.034	3	6	.26	23	<.01	<3	.11	.01	.07	280	2.26
STANDARD C3/AU-1	29	69	35	169	5.4	41	11	807	3.56	61	20	3	21	32	23.7	18	25	80	.61	.098	19	182	.63	156	.09	25	1.84	.04	.18	18	3.52
STANDARD G-2	2	4	<3	41	<.3	8	4	539	2.09	3	<8	<2	5	73	<.2	<3	<3	37	.65	.103	7	77	.60	228	.13	8	.93	.08	.48	3	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

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** gm/mt
E 192915	2	37	87	129	<.3	40	14	337	3.77	32	<8	<2	4	235	1.0	<3	<3	<1	4.09	.046	7	9	.91	54	.01	4	.45	.02	.26	2	.17
E 192916	2	37	1226	1147	.9	33	12	377	3.62	36	<8	<2	3	629	8.1	7	<3	1	9.10	.051	5	12	.87	52	.01	<3	.38	.02	.22	6	.35
E 192917	2	20	1492	4581	1.5	23	8	187	2.16	36	<8	<2	2	1039	33.7	8	<3	<1	15.22	.054	6	9	.39	46	<.01	5	.29	.01	.16	<2	.24
E 192918	<1	6	22	38	.3	6	2	126	.74	11	<8	<2	<2	1443	.2	3	<3	<1	27.33	.032	5	3	.13	48	<.01	6	.14	.01	.08	<2	.01
E 192919	<1	6	29	29	<.3	6	2	147	.78	9	<8	<2	2	1488	.2	3	<3	<1	29.92	.024	3	3	.21	39	<.01	4	.12	.01	.07	<2	.01
E 192920 PULP	14	493	19	283	2.4	26	4	662	13.20	241	<8	<2	<2	298	2.9	3	23	13	4.58	.075	9	40	1.25	78	<.01	<3	.35	.01	.12	10	7.92
E 192921	3	30	36	84	<.3	34	13	425	4.17	50	<8	<2	5	279	.3	10	<3	<1	4.50	.028	7	12	1.11	45	<.01	<3	.38	.03	.20	3	.01
E 192922	3	16	171	382	<.3	22	8	366	2.77	38	<8	<2	3	458	2.5	3	<3	<1	6.53	.039	5	12	.70	37	<.01	3	.32	.02	.17	<2	.12
E 192923	4	930	14023	9232	22.5	11	5	217	1.61	29	<8	10	2	280	70.3	66	4	<1	4.33	.018	2	23	.34	22	<.01	4	.22	.01	.10	14	4.05
E 192924	<1	10	40	64	<.3	12	4	156	1.49	16	<8	<2	4	987	.4	<3	<3	1	20.91	.030	6	6	.32	49	<.01	4	.28	.01	.16	<2	.02
E 192925	<1	6	18	34	<.3	7	3	99	.87	10	<8	<2	2	1330	.2	3	<3	<1	27.13	.027	3	3	.21	52	<.01	4	.14	.01	.08	<2	.01
E 192926	5	223	9599	4756	15.2	22	6	95	1.31	44	<8	6	<2	395	38.2	124	3	<1	6.35	.013	1	16	.12	18	<.01	4	.10	<.01	.05	22	7.46
RE E 192926	5	229	9909	4807	15.4	23	7	98	1.36	47	<8	6	<2	408	39.6	128	6	<1	6.52	.012	2	19	.12	19	<.01	5	.11	.01	.05	22	8.23
RRE E 192926	5	228	9745	4815	15.9	23	7	97	1.35	47	<8	8	<2	403	38.8	126	5	1	6.41	.013	1	19	.12	18	<.01	3	.11	.01	.05	21	6.63
E 192927	<1	4	33	46	.3	4	2	80	.54	6	<8	<2	2	1189	.2	<3	<3	<1	30.14	.020	4	2	.13	35	<.01	5	.12	.01	.06	<2	.05
E 192928	1	462	5002	3470	10.7	13	4	130	1.07	28	<8	6	2	928	28.6	18	<3	<1	17.73	.018	3	8	.07	32	<.01	5	.12	.01	.06	<2	9.08
E 192929	<1	43	1068	2364	2.1	5	3	62	.50	12	<8	<2	2	1410	15.5	6	<3	<1	33.20	.022	3	<1	.10	38	<.01	4	.11	.01	.05	<2	.46
E 192930	1	235	2222	8179	9.3	13	5	130	.88	24	<8	<2	2	864	55.5	26	<3	<1	15.91	.019	3	9	.05	35	<.01	7	.11	.01	.06	<2	2.00
E 192931	<1	5	35	85	<.3	6	3	115	.77	10	<8	<2	3	1373	.5	4	<3	1	29.00	.026	5	3	.09	54	<.01	4	.16	.01	.08	<2	.02
E 192932	2	35	391	289	.3	31	12	418	3.58	27	<8	<2	3	347	1.9	7	<3	<1	6.27	.053	7	8	.98	60	<.01	<3	.45	.01	.23	<2	.05
E 192933	1	10	10	27	<.3	10	4	175	1.54	11	<8	<2	2	1168	<.2	4	<3	<1	21.28	.055	4	6	1.09	62	<.01	6	.27	.01	.16	<2	<.01
E 192934	<1	7	6	18	<.3	8	3	142	1.11	9	<8	<2	4	1409	<.2	8	<3	<1	23.29	.031	6	4	.25	47	<.01	3	.21	.01	.13	<2	.01
E 192935	1	22	27	68	<.3	25	8	341	3.09	27	<8	<2	4	639	.3	11	<3	<1	9.98	.041	5	8	.97	45	<.01	<3	.29	.02	.17	<2	.04
E 192936	<1	9	8	19	<.3	10	4	142	1.22	14	<8	<2	3	1351	<.2	4	<3	<1	21.75	.027	4	4	.22	50	<.01	5	.19	.01	.12	<2	.02
E 192937	2	13	48	33	<.3	19	6	245	2.06	22	<8	<2	3	930	.2	7	<3	1	13.54	.031	4	9	.51	38	<.01	<3	.22	.02	.12	<2	.51
E 192938	3	36	23	76	<.3	37	14	432	3.94	42	<8	<2	4	233	.2	16	<3	<1	3.51	.028	5	13	1.15	40	<.01	<3	.34	.02	.20	<2	.04
RE E 192938	3	33	21	68	<.3	34	11	381	3.50	36	<8	<2	4	207	.2	15	<3	<1	3.11	.024	5	14	1.02	36	<.01	<3	.30	.02	.18	<2	.07
RRE E 192938	2	33	19	56	<.3	34	11	379	3.54	35	<8	<2	4	205	<.2	16	<3	<1	3.03	.026	5	11	1.03	35	<.01	3	.30	.02	.18	<2	.03
E 192939	2	29	12	35	<.3	34	13	369	3.61	27	<8	<2	5	188	<.2	5	<3	<1	2.41	.040	8	11	.94	45	<.01	3	.41	.03	.23	<2	.02
E 192940 PULP	14	469	17	270	2.5	25	4	617	12.36	223	<8	2	<2	279	2.9	3	23	13	4.32	.070	10	40	1.17	75	<.01	<3	.32	.01	.11	7	7.82
E 192941	3	9	37	57	.8	18	5	407	2.40	30	<8	<2	3	158	.2	3	<3	1	2.67	.022	4	14	.74	179	<.01	3	.23	.03	.13	<2	.02
E 192942	1	52	162	222	<.3	32	11	397	3.23	45	<8	<2	6	201	.6	<3	<3	<1	3.29	.025	7	12	.99	53	<.01	<3	.42	.03	.25	<2	.04
E 192943	3	8	78	43	.4	16	6	513	1.67	22	<8	<2	6	111	.2	<3	<3	<1	1.85	.010	6	15	.56	47	<.01	<3	.15	.02	.08	<2	.01
E 192944	3	8	19	26	<.3	11	4	644	2.13	16	<8	<2	6	142	<.2	<3	<3	<1	2.41	.019	7	23	.75	21	<.01	3	.16	.04	.08	2	<.01
E 192945	3	32	9	43	<.3	30	11	334	2.82	59	<8	<2	5	150	<.2	<3	<3	<1	2.22	.017	6	17	.80	47	<.01	<3	.32	.02	.20	<2	.01
STANDARD C3/AU-1	28	67	37	168	5.2	39	11	781	3.43	60	21	3	22	33	23.6	20	21	77	.61	.095	20	173	.62	152	.09	18	1.79	.04	.17	16	3.65
STANDARD G-2	2	4	8	42	<.3	9	4	539	2.08	<2	<8	<2	4	84	<.2	<3	<3	38	.70	.104	8	75	.61	253	.13	<3	1.07	.12	.53	<2	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

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** gm/mt
E 192946	1	29	20	66	<.3	34	14	486	4.63	36	<8	<2	6	232	.3	<3	3	<1	3.48	.052	6	11	1.24	50	<.01	<3	.45	.02	.26	<2	.07
E 192947	2	24	15	67	<.3	36	12	497	4.20	36	<8	<2	6	315	.2	<3	3	<1	5.49	.029	5	10	1.19	47	<.01	5	.36	.03	.22	<2	<.01
E 192948	1	27	17	73	<.3	31	13	494	4.01	25	<8	<2	7	299	.3	<3	<3	<1	4.49	.030	6	12	1.12	43	<.01	4	.38	.03	.23	<2	<.01
E 192949	2	15	14	67	<.3	36	12	412	3.88	43	<8	<2	7	329	.3	<3	3	<1	5.36	.027	5	10	1.08	46	<.01	7	.36	.04	.22	<2	.01
E 192950	2	32	13	50	<.3	31	11	442	3.69	45	<8	<2	6	213	.3	<3	3	<1	3.39	.051	8	15	1.15	44	<.01	5	.43	.04	.25	<2	.04
E 192965	<1	11	14	51	<.3	13	5	137	1.66	19	<8	<2	<2	1117	.2	<3	<3	<1	21.49	.028	4	5	.40	47	<.01	4	.21	.01	.14	<2	.01
E 192966	<1	5	9	13	<.3	7	3	102	1.00	10	<8	<2	<2	1843	<.2	<3	<3	<1	28.50	.023	4	3	.17	29	<.01	<3	.10	.02	.06	<2	.01
E 192967	<1	13	17	32	<.3	16	6	276	1.90	10	<8	<2	3	1181	<.2	<3	<3	<1	18.58	.034	6	4	.34	43	<.01	<3	.23	.02	.16	<2	<.01
RE E 192967	1	13	16	29	<.3	16	6	270	1.86	11	<8	<2	3	1138	.2	<3	<3	<1	18.32	.034	6	5	.34	41	<.01	<3	.22	.02	.15	<2	.01
STANDARD C3/AU-1	27	63	36	169	5.3	37	11	759	3.33	57	13	2	21	32	22.8	19	23	73	.61	.093	18	164	.59	149	.09	22	1.78	.04	.17	18	3.45
STANDARD G-2	1	3	3	44	<.3	9	4	550	2.13	<2	<8	<2	4	84	<.2	<3	<3	38	.69	.108	8	80	.62	261	.14	<3	1.11	.12	.53	2	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Gold City Industries Ltd. File # A003178

200 - 580 Hornby St., Vancouver BC V6C 3B6

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
DCS-01	<1	44	85	171	.7	52	22	1010	5.65	52	<8	<2	6	43	.6	6	<3	9	.35	.097	25	6	.07	38	<.01	<3	.70	<.01	.05	<2	31.4
DCS-02	<1	25	31	79	<.3	33	16	733	3.55	34	<8	<2	4	43	<.2	3	<3	8	.54	.078	17	7	.12	43	<.01	3	.75	<.01	.05	<2	5.5
DCS-03	<1	26	28	77	<.3	29	15	613	3.49	35	<8	<2	3	26	<.2	4	<3	7	.29	.074	21	5	.07	28	<.01	4	.57	<.01	.04	<2	11.9
DCS-04	<1	30	27	76	<.3	33	17	496	3.64	35	<8	<2	4	21	<.2	4	<3	7	.21	.071	23	6	.07	26	<.01	3	.55	<.01	.04	<2	4.8
DCS-05	<1	11	6	62	<.3	15	<1	3400	31.59	19	<8	<2	6	78	.9	4	<3	1	.55	.026	9	3	.04	70	<.01	<3	.23	<.01	.01	<2	2.7
DCS-06	<1	33	38	96	.3	39	20	1015	5.07	50	<8	<2	2	29	<.2	4	<3	8	.31	.082	27	8	.12	40	<.01	<3	.71	.01	.06	<2	21.6
DCS-07	<1	24	23	87	.3	32	13	707	3.36	35	<8	<2	2	32	<.2	5	<3	6	.37	.073	19	4	.06	31	<.01	3	.47	<.01	.03	<2	76.7
DCS-08	<1	27	30	80	.3	32	16	716	3.69	35	<8	<2	3	37	<.2	5	<3	7	.40	.086	20	6	.10	35	<.01	3	.62	<.01	.05	<2	8.0
DCS-09	<1	30	17	72	.5	39	13	623	3.05	34	<8	<2	2	24	<.2	6	<3	6	.23	.060	19	3	.05	22	<.01	3	.32	<.01	.03	<2	10.3
DCS-10	<1	40	33	93	.3	45	22	671	4.68	55	<8	<2	4	22	<.2	10	<3	7	.19	.063	19	4	.07	24	<.01	<3	.42	<.01	.03	<2	12.2
DCS-11	<1	39	57	120	<.3	48	24	577	4.82	64	<8	<2	6	27	<.2	6	<3	7	.22	.066	22	6	.11	27	<.01	<3	.48	<.01	.04	<2	27.6
DCS-12	<1	14	15	53	<.3	29	18	2122	2.85	21	<8	<2	2	33	<.2	<3	<3	7	.37	.067	16	5	.07	50	<.01	<3	.41	<.01	.02	<2	3.3
RE DCS-12	<1	14	13	53	<.3	29	18	2130	2.82	21	<8	<2	2	33	<.2	<3	<3	8	.37	.066	17	6	.07	51	<.01	<3	.41	<.01	.03	<2	4.8
STANDARD DS2	15	126	32	153	.3	34	12	818	3.03	59	18	<2	3	26	10.0	11	10	76	.50	.089	15	155	.58	149	.08	4	1.64	.04	.15	9	194.1

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 SS80 60C AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 23 2000 DATE REPORT MAILED: Sept 5/00 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.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Gold City Industries Ltd. File # A003292

200 - 580 Hornby St., Vancouver BC V6C 3B6 Submitted by: Al Raven

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
DCS-13	1	30	25	102	<.3	34	15	397	3.67	42	<8	<2	4	30	<.2	3	<3	5	.26	.057	15	7	.08	25	<.01	<3	.35	<.01	.03	<2	21.8
DCS-14	1	33	33	100	<.3	39	19	484	4.02	48	<8	<2	4	29	<.2	4	<3	4	.25	.049	14	6	.07	21	<.01	<3	.31	<.01	.03	<2	43.0
DCS-15	1	24	21	76	<.3	32	15	459	3.41	37	<8	<2	3	27	<.2	<3	<3	6	.29	.050	19	7	.07	19	<.01	<3	.36	<.01	.03	<2	15.8
DCS-16	1	32	30	105	<.3	38	19	475	4.37	65	<8	<2	5	26	<.2	3	<3	4	.24	.043	20	7	.08	18	<.01	<3	.36	<.01	.03	2	275.3
DCS-17	1	25	25	93	<.3	31	16	638	3.81	67	<8	<2	4	31	<.2	3	<3	5	.32	.059	16	7	.08	21	<.01	<3	.44	<.01	.03	<2	11.6
DCS-18	1	31	22	104	<.3	42	20	500	4.04	48	<8	<2	5	28	<.2	3	<3	4	.22	.043	19	6	.06	26	<.01	3	.32	<.01	.03	<2	113.2
DCS-19	1	42	29	119	<.3	56	35	2209	5.40	62	<8	<2	6	32	<.2	3	<3	4	.24	.045	19	8	.06	172	<.01	<3	.31	<.01	.03	<2	13.6
DCS-20	1	35	23	103	<.3	48	21	1955	5.43	191	<8	<2	5	41	<.2	4	<3	4	.43	.042	22	8	.08	59	<.01	<3	.32	<.01	.03	<2	19.9
RE DCS-20	1	35	28	107	<.3	49	22	2071	5.50	197	<8	<2	5	42	<.2	4	<3	4	.45	.042	24	7	.08	60	<.01	3	.33	<.01	.03	2	30.5
STANDARD DS2	14	123	29	160	<.3	36	11	831	3.11	60	23	<2	4	27	10.5	11	11	74	.53	.089	16	158	.60	152	.09	4	1.71	.04	.15	10	205.2

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: STREAM SED. AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 30 2000 **DATE REPORT MAILED:** Sept 11/00 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data 2 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

Gold City Industries Ltd. File # A003291 Page 1
200 - 580 Hornby St., Vancouver BC V6C 3B6 Submitted by: Al Raven

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
190+00N 103+00E	<1	29	32	82	.3	41	19	625	4.74	43	<8	<2	4	24	<.2	<3	<3	12	.21	.074	23	14	.19	39	.01	<3	1.00	<.01	.04	2	18.5
190+00N 103+20E	1	42	50	85	<.3	32	15	847	8.47	61	<8	<2	<2	8	<.2	5	<3	18	.03	.143	16	14	.06	22	.01	<3	.93	<.01	.04	2	2.2
190+00N 103+40E	1	36	39	109	<.3	42	25	1333	5.12	36	<8	<2	3	41	.2	<3	<3	16	.40	.112	20	16	.20	51	.01	<3	1.13	.01	.05	2	15.6
190+00N 103+60E	<1	52	40	114	<.3	47	27	454	5.79	59	<8	<2	9	28	<.2	5	<3	7	.14	.054	27	8	.18	37	.01	<3	.66	.01	.08	2	21.8
190+00N 103+80E	1	61	57	129	<.3	49	27	628	5.90	75	<8	<2	6	29	<.2	4	<3	7	.19	.058	19	8	.11	28	<.01	<3	.48	.01	.05	2	16.7
190+00N 104+00E	1	54	54	111	<.3	47	28	557	5.64	57	<8	<2	6	34	.2	5	<3	7	.24	.069	22	7	.12	27	<.01	<3	.52	<.01	.05	2	19.3
185+50N 100+60E	2	28	44	100	<.3	57	22	4289	4.95	41	17	<2	2	72	.2	<3	<3	7	.83	.080	11	8	.11	97	<.01	<3	.42	<.01	.04	2	2.1
185+50N 100+80E	1	25	28	61	<.3	23	7	112	3.74	77	<8	<2	3	9	<.2	4	<3	13	.03	.042	15	5	.04	18	<.01	<3	.43	<.01	.03	<2	1.7
185+50N 101+00E	1	64	85	91	<.3	43	22	585	7.97	103	<8	<2	4	8	<.2	8	<3	8	.02	.064	15	8	.04	14	<.01	<3	.69	<.01	.04	2	3.5
185+50N 101+20E	1	51	68	96	<.3	45	16	737	9.98	151	<8	<2	3	16	.5	4	<3	7	.18	.291	15	10	.05	28	<.01	<3	.68	<.01	.04	2	2.6
185+50N 101+40E	<1	26	16	70	<.3	25	8	123	4.64	66	<8	<2	2	7	<.2	3	<3	14	<.01	.079	24	5	.02	13	.01	<3	.34	<.01	.04	<2	10.8
185+50N 101+60E	<1	19	25	46	<.3	18	6	108	3.80	38	<8	<2	5	8	<.2	<3	<3	9	.01	.150	25	5	.02	21	<.01	<3	.38	<.01	.03	<2	7.2
185+50N 101+80E	<1	19	14	51	<.3	19	6	139	3.37	45	<8	<2	<2	8	<.2	<3	<3	10	.02	.139	21	4	.01	19	<.01	<3	.28	<.01	.03	<2	13.1
185+50N 102+00E	1	38	45	94	<.3	34	13	464	6.27	71	<8	<2	4	9	<.2	3	<3	8	.02	.115	20	8	.09	35	<.01	<3	.68	<.01	.05	2	20.8
185+50N 102+20E	1	31	38	83	.3	28	10	331	6.77	58	<8	<2	3	5	<.2	<3	<3	10	.01	.081	16	10	.07	21	<.01	<3	1.30	<.01	.03	<2	8.0
185+50N 102+40E	<1	31	34	65	.8	28	10	251	5.45	47	<8	<2	5	7	<.2	<3	<3	7	.03	.101	19	8	.06	18	<.01	<3	.62	<.01	.03	<2	15.4
185+50N 102+60E	<1	9	18	24	<.3	9	4	462	2.82	33	<8	<2	<2	6	<.2	<3	<3	9	.01	.099	20	5	.03	31	<.01	<3	.45	<.01	.03	<2	16.0
185+50N 102+80E	1	29	44	70	<.3	27	10	425	8.23	75	<8	<2	3	7	.2	4	<3	18	.03	.233	20	16	.11	29	.01	<3	1.08	<.01	.03	<2	8.1
185+50N 103+00E	<1	57	60	87	.3	52	26	579	6.60	49	<8	<2	6	101	.3	3	<3	6	1.47	.100	26	9	.12	28	<.01	<3	.91	<.01	.03	2	13.8
185+50N 103+20E	<1	46	52	90	<.3	44	22	728	5.92	57	<8	<2	8	23	<.2	4	<3	7	.17	.092	21	11	.16	27	<.01	<3	.91	<.01	.03	<2	20.9
185+50N 103+40E not rec.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
185+25N 100+60E	<1	27	52	82	<.3	34	16	224	3.89	120	<8	<2	4	30	<.2	10	<3	7	.19	.022	13	6	.06	23	<.01	3	.43	<.01	.04	<2	11.3
185+25N 100+80E	<1	36	36	78	<.3	30	9	336	4.94	675	<8	<2	2	11	<.2	21	<3	10	.02	.071	16	6	.03	21	<.01	<3	.32	<.01	.04	<2	4.9
185+25N 101+00E	<1	50	51	106	<.3	36	12	537	7.40	712	<8	<2	5	21	<.2	7	<3	8	.01	.149	17	8	.03	47	<.01	<3	.63	<.01	.04	<2	7.3
185+25N 101+20E	<1	36	32	105	.5	70	22	731	4.37	49	<8	<2	11	17	.3	3	<3	5	.07	.083	22	8	.07	43	<.01	<3	2.15	<.01	.05	2	33.5
RE 185+25N 101+20E	1	36	35	106	.6	70	23	749	4.45	50	<8	<2	12	17	.2	<3	<3	6	.07	.086	23	8	.08	44	<.01	<3	2.21	<.01	.05	<2	18.4
185+25N 101+40E	<1	22	21	55	<.3	18	7	278	3.91	90	<8	<2	3	13	<.2	<3	<3	8	.01	.102	27	5	.03	23	<.01	<3	.53	<.01	.04	<2	4.6
185+25N 101+60E	<1	21	19	48	<.3	17	6	233	3.75	105	<8	<2	4	10	<.2	<3	<3	8	.01	.084	25	5	.04	23	<.01	<3	.57	<.01	.03	<2	3.7
185+25N 101+80E	<1	16	19	40	<.3	15	7	479	3.46	77	<8	<2	<2	9	<.2	<3	<3	9	.01	.147	24	6	.03	21	<.01	<3	.41	<.01	.04	<2	8.2
185+25N 102+00E	<1	46	44	96	<.3	38	18	750	7.39	284	<8	<2	6	10	<.2	5	<3	9	.02	.128	19	12	.10	29	<.01	<3	1.11	<.01	.04	2	11.8
185+25N 102+20E	1	51	68	87	<.3	39	16	431	8.68	47	<8	<2	8	7	.2	4	<3	6	.02	.122	17	10	.07	21	<.01	<3	1.33	<.01	.03	<2	34.4
185+25N 102+40E	1	24	42	53	<.3	20	7	429	6.83	78	<8	<2	<2	6	<.2	<3	<3	12	.02	.179	16	9	.04	21	.01	<3	.81	<.01	.03	<2	3.9
185+25N 102+60E	<1	37	41	91	<.3	31	15	588	5.45	116	<8	<2	4	9	<.2	6	<3	13	.02	.069	19	10	.07	27	<.01	<3	.94	<.01	.04	<2	13.1
STANDARD DS2	14	125	33	149	<.3	34	11	779	3.04	55	20	<2	3	27	10.2	11	11	75	.48	.086	15	146	.56	140	.08	3	1.64	.03	.14	10	192.2

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 SS80 60C AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 30 2000 **DATE REPORT MAILED:** Sept 11/00 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA ___

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
185+25N 102+80E	1	23	38	77	<.3	25	9	669	8.26	129	<8	<2	2	8	<.2	4	3	16	.01	.237	20	12	.05	26	<.01	<3	.68	<.01	.04	2	4.9
185+25N 103+00E	<1	15	19	38	<.3	14	4	112	3.78	47	<8	<2	3	6	<.2	<3	3	10	.01	.069	22	6	.04	26	<.01	<3	.59	<.01	.03	<2	4.6
185+00N 100+60E	<1	25	126	98	<.3	33	14	684	4.54	33	<8	<2	3	67	.2	5	<3	8	.76	.090	12	9	.12	19	<.01	<3	.63	.01	.04	2	3.4
185+00N 100+80E	<1	43	46	81	<.3	38	12	162	5.19	1071	<8	<2	3	34	<.2	22	3	13	.25	.023	16	5	.03	27	<.01	<3	.42	<.01	.03	2	17.7
185+00N 101+00E	<1	40	35	79	<.3	38	14	178	4.94	273	<8	<2	3	40	<.2	7	<3	13	.30	.053	21	5	.07	21	<.01	<3	.51	<.01	.03	<2	3.3
185+00N 101+20E	<1	36	38	87	<.3	31	11	276	4.93	97	<8	<2	4	9	<.2	<3	<3	11	.02	.059	25	4	.03	36	<.01	<3	.57	<.01	.04	<2	4.3
185+00N 101+40E	<1	20	18	51	.3	19	6	132	3.51	31	<8	<2	3	15	<.2	<3	<3	10	.07	.082	23	7	.04	35	<.01	<3	.53	<.01	.04	<2	.8
185+00N 101+60E	<1	9	15	25	<.3	8	3	214	2.34	19	<8	<2	2	12	<.2	<3	<3	10	.02	.105	18	5	.02	28	<.01	3	.46	<.01	.03	<2	3.2
185+00N 101+80E	<1	14	20	32	<.3	12	4	242	3.53	99	<8	<2	<2	9	<.2	<3	<3	10	.01	.147	22	5	.02	37	<.01	<3	.55	<.01	.03	<2	9.9
185+00N 102+00E	<1	42	53	90	<.3	37	21	861	7.46	60	<8	<2	3	9	<.2	3	3	9	.02	.165	20	11	.06	23	<.01	<3	.75	<.01	.03	2	18.2
185+00N 102+20E	<1	29	40	71	.3	27	11	594	7.46	46	<8	<2	2	8	<.2	<3	<3	12	.03	.344	21	12	.09	24	.01	<3	1.10	<.01	.03	2	9.2
185+00N 102+40E	<1	30	47	55	.4	22	9	698	8.31	36	<8	<2	2	8	<.2	3	<3	9	.03	.846	13	12	.04	53	.01	<3	1.05	<.01	.03	<2	14.5
185+00N 102+60E	1	33	55	54	.4	25	13	1007	7.70	36	<8	<2	2	7	<.2	<3	<3	12	.02	.394	19	13	.05	21	.01	<3	1.02	<.01	.03	<2	9.3
185+00N 102+80E	<1	6	10	14	<.3	5	2	97	1.59	11	<8	<2	<2	6	<.2	<3	<3	9	.01	.104	23	4	.01	18	<.01	<3	.36	<.01	.03	<2	3.1
185+00N 103+00E	<1	21	28	62	<.3	20	7	219	5.17	66	<8	<2	4	8	<.2	<3	<3	13	.02	.068	20	14	.09	25	<.01	<3	1.11	<.01	.03	<2	4.2
184+75N 100+60E	<1	25	47	95	<.3	38	21	2819	3.53	18	<8	<2	2	50	.2	<3	<3	7	.49	.122	15	9	.13	41	<.01	<3	.62	.01	.03	<2	2.5
184+75N 100+80E	<1	75	43	122	<.3	61	27	430	5.65	557	<8	<2	9	17	<.2	18	<3	4	.01	.042	29	6	.08	29	<.01	<3	.46	<.01	.06	<2	35.6
184+75N 101+00E	<1	66	49	124	.5	56	27	461	6.00	1335	<8	<2	6	30	<.2	15	<3	7	.08	.039	17	5	.05	30	<.01	<3	.63	<.01	.04	2	214.7
184+75N 101+20E	<1	38	40	86	<.3	33	11	190	5.14	150	<8	<2	7	11	<.2	3	<3	6	.05	.047	20	7	.07	29	<.01	3	.84	<.01	.04	<2	14.8
184+75N 101+40E	<1	25	20	75	<.3	24	8	250	5.15	42	<8	<2	3	10	<.2	<3	<3	12	.11	.059	17	6	.02	22	<.01	<3	.67	<.01	.03	<2	4.3
184+75N 101+60E	1	14	19	34	<.3	12	4	121	3.24	15	<8	<2	5	5	<.2	<3	<3	12	.01	.052	19	8	.05	32	<.01	<3	.87	<.01	.03	<2	4.8
184+75N 101+80E	<1	27	30	68	.8	28	14	318	4.97	44	<8	<2	3	10	<.2	<3	<3	10	.05	.062	17	10	.13	28	<.01	<3	.89	<.01	.03	<2	6.1
RE 184+75N 101+80E	<1	27	34	68	.9	29	14	325	4.96	44	<8	<2	3	10	<.2	3	<3	11	.05	.062	16	11	.13	28	<.01	3	.90	<.01	.03	<2	7.4
184+75N 102+00E	1	31	41	72	.6	28	11	396	6.50	49	<8	<2	3	6	<.2	3	<3	9	.02	.111	13	9	.05	26	<.01	<3	.97	<.01	.03	<2	105.8
184+75N 102+20E	<1	16	20	35	.3	14	5	141	4.02	18	<8	<2	3	5	<.2	<3	<3	9	.01	.094	16	7	.03	21	<.01	4	.66	<.01	.02	<2	32.3
184+75N 102+40E	1	22	27	52	.3	19	8	601	5.80	27	<8	<2	<2	7	<.2	<3	<3	14	.03	.244	16	10	.04	23	<.01	3	.95	<.01	.03	<2	6.2
184+75N 102+60E	1	28	32	60	.4	25	9	280	5.72	29	<8	<2	4	5	<.2	<3	<3	10	.02	.106	16	9	.06	26	<.01	4	.92	<.01	.03	<2	6.2
184+75N 102+80E	1	27	52	74	<.3	27	8	192	6.56	193	<8	<2	4	9	.2	4	<3	11	.04	.082	13	13	.11	38	<.01	<3	1.16	<.01	.03	<2	8.7
184+75N 103+00E	<1	9	30	50	<.3	15	9	376	3.97	22	<8	<2	2	30	<.2	<3	<3	11	.28	.079	16	13	.08	20	<.01	<3	1.12	<.01	.03	<2	1.8
184+50N 100+60E	<1	29	77	78	<.3	29	18	212	5.32	59	<8	<2	6	32	<.2	4	<3	10	.22	.058	14	12	.08	23	<.01	<3	1.12	.01	.03	<2	5.9
184+50N 100+80E	<1	61	81	105	<.3	43	15	375	7.56	975	<8	<2	4	11	<.2	27	<3	7	.06	.040	10	8	.03	20	<.01	<3	.55	<.01	.03	<2	27.7
184+50N 101+00E	<1	44	39	86	<.3	39	15	254	5.25	168	<8	<2	8	8	<.2	5	<3	7	.01	.034	23	6	.05	34	<.01	4	.84	<.01	.04	<2	15.6
184+50N 101+20E	1	42	38	116	<.3	48	24	588	5.05	65	<8	<2	7	13	<.2	5	<3	5	.03	.039	23	8	.12	33	<.01	3	.62	<.01	.05	<2	25.8
STANDARD DS2	13	124	35	145	<.3	34	11	767	3.01	54	18	<2	3	27	10.3	9	9	74	.47	.084	14	146	.55	140	.08	3	1.61	.03	.14	10	195.2

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

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
184+50N 101+40E	<1	23	26	61	<.3	20	6	104	3.13	478	<8	<2	4	7	<.2	4	<3	9	.04	.030	15	3	.02	35	<.01	3	.53	<.01	.03	<2	14.1
184+50N 101+60E	<1	12	9	37	<.3	14	5	67	2.07	26	<8	<2	3	5	<.2	<3	<3	10	.01	.026	20	3	.01	15	<.01	<3	.39	<.01	.03	<2	5.5
184+50N 101+80E	<1	25	31	62	<.3	26	9	260	6.48	47	<8	<2	<2	6	<.2	4	<3	11	.03	.078	12	12	.05	24	<.01	<3	.76	<.01	.03	2	9.3
184+50N 102+00E	<1	14	18	43	<.3	16	5	121	3.07	23	<8	<2	<2	5	<.2	<3	<3	12	.02	.049	20	5	.06	24	.01	4	.46	<.01	.04	2	5.5
184+50N 102+20E	<1	22	28	61	<.3	24	8	190	5.25	32	<8	<2	3	4	<.2	<3	4	12	.02	.065	18	13	.16	19	.01	<3	1.03	<.01	.03	<2	6.1
184+50N 102+40E	<1	45	64	81	1.2	37	17	703	9.37	48	<8	<2	4	4	<.2	5	<3	6	.02	.252	9	12	.05	18	<.01	<3	1.14	<.01	.03	<2	12.3
184+50N 102+60E	<1	26	33	80	<.3	24	10	1196	5.40	465	<8	<2	4	8	<.2	5	3	8	.01	.163	20	6	.06	30	<.01	<3	.68	<.01	.04	<2	12.7
184+50N 102+80E	<1	27	36	78	<.3	26	13	543	4.76	279	<8	<2	5	8	<.2	3	3	8	.03	.092	19	9	.07	32	<.01	<3	.92	<.01	.03	<2	77.2
184+50N 103+00E	<1	37	42	106	.4	36	17	789	4.90	464	<8	<2	4	38	<.2	4	<3	8	.34	.106	23	10	.09	40	<.01	4	.74	<.01	.04	2	123.8
184+25N 100+60E	<1	21	44	69	<.3	26	8	136	4.05	449	<8	<2	2	32	<.2	5	<3	11	.22	.032	13	5	.04	21	<.01	5	.37	<.01	.02	<2	37.5
184+25N 100+80E	1	35	48	82	.4	36	15	736	4.31	551	<8	<2	2	68	.2	6	<3	9	.79	.094	13	8	.08	28	<.01	<3	.71	.01	.04	2	41.9
184+25N 101+00E	<1	24	57	85	<.3	29	14	524	4.60	412	<8	<2	3	15	<.2	6	<3	8	.09	.058	13	5	.04	24	<.01	5	.51	.01	.04	<2	21.5
184+25N 101+20E	<1	33	36	88	<.3	37	16	496	4.31	347	<8	<2	3	45	<.2	4	3	6	.48	.059	12	7	.09	28	<.01	4	.56	<.01	.04	<2	34.2
184+25N 101+40E	<1	27	38	74	<.3	27	10	183	5.16	144	<8	<2	6	11	<.2	3	<3	9	.09	.061	17	8	.05	22	<.01	4	1.16	<.01	.03	<2	30.2
RE 184+25N 101+40E	<1	26	35	70	<.3	26	10	176	4.99	137	<8	<2	6	11	<.2	<3	<3	8	.08	.059	18	7	.05	22	<.01	<3	1.11	<.01	.03	<2	28.0
184+25N 101+60E	<1	30	40	88	<.3	33	15	780	4.30	216	<8	<2	3	44	<.2	<3	<3	8	.44	.086	16	8	.09	32	<.01	<3	.79	.01	.05	2	33.0
184+25N 101+80E	<1	29	33	81	.3	34	13	395	4.38	66	<8	<2	5	10	<.2	3	<3	9	.05	.071	15	10	.08	32	<.01	3	.88	<.01	.04	<2	10.6
184+25N 102+00E	<1	41	34	80	.3	47	21	428	5.13	189	<8	<2	6	43	<.2	3	<3	8	.35	.058	17	10	.10	27	<.01	3	.97	<.01	.03	<2	21.3
184+25N 102+20E	<1	30	30	70	<.3	25	11	350	4.12	512	<8	<2	6	15	<.2	4	<3	6	.11	.036	17	5	.06	26	<.01	3	.74	<.01	.03	<2	59.9
184+25N 102+40E	1	45	60	107	<.3	42	29	5337	8.37	364	9	<2	4	10	.2	5	<3	7	.06	.091	13	9	.07	81	<.01	<3	.66	<.01	.04	2	21.3
184+25N 102+60E	<1	25	33	67	<.3	24	10	824	4.52	442	<8	<2	4	8	<.2	5	<3	6	.03	.163	17	5	.05	29	<.01	3	.42	<.01	.04	<2	161.2
184+25N 102+80E	<1	26	40	71	<.3	23	8	246	5.10	464	<8	<2	4	6	<.2	6	<3	7	.01	.089	15	7	.06	29	<.01	3	.74	<.01	.03	<2	49.3
184+25N 103+00E	<1	25	29	79	<.3	24	9	347	4.66	560	<8	<2	4	7	<.2	5	<3	7	.01	.083	15	5	.05	40	<.01	3	.57	<.01	.04	<2	28.0
STANDARD DS2	14	126	37	156	<.3	35	11	814	3.04	59	21	<2	3	27	10.2	10	11	73	.51	.085	16	157	.58	149	.09	4	1.66	.04	.16	10	192.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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

Gold City Industries Ltd. File # A003490 Page 1
200 - 580 Hornby St., Vancouver BC V6C 3B6 Submitted by: Al Raven

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
C 23733	<1	22	17	69	<.3	27	13	325	3.70	26	<8	<2	8	260	.2	<3	<3	<1	4.16	.018	3	6	.93	29	<.01	<3	.32	.04	.18	<2	.4
C 23734	<1	12	14	36	<.3	15	7	297	2.18	2	<8	<2	7	1151	.2	<3	<3	2	13.69	.031	4	6	.49	28	<.01	<3	.53	.02	.18	<2	<.2
C 23735	<1	24	20	72	<.3	30	12	490	3.91	59	<8	<2	4	218	.2	<3	<3	1	3.57	.030	5	5	1.11	35	<.01	3	.36	.03	.19	2	11.5
C 23736	2	13	21	45	<.3	14	5	455	2.68	26	<8	<2	2	186	<.2	7	<3	<1	3.23	.024	3	16	.78	20	<.01	<3	.20	.02	.10	4	4.0
C 23737	<1	2	6	4	<.3	2	1	55	.36	6	<8	<2	<2	1622	<.2	<3	<3	1	29.50	.029	1	<1	.03	44	<.01	3	.05	.01	.03	<2	.6
C 23738	1	20	16	57	<.3	23	8	482	3.41	25	<8	<2	4	427	.2	6	<3	3	6.80	.037	5	12	.85	41	<.01	4	.29	.02	.15	3	2.2
C 23739	<1	35	18	59	<.3	27	10	616	3.63	27	<8	<2	5	205	<.2	9	<3	1	4.13	.015	4	8	.96	30	<.01	4	.25	.03	.15	<2	1.4
C 23740	<1	47	16	62	<.3	43	18	310	4.52	21	<8	<2	4	80	<.2	8	3	1	1.02	.038	5	9	.69	44	<.01	3	.40	.02	.24	<2	5.1
C 23741	1	21	15	45	<.3	24	10	174	2.55	2	<8	<2	9	30	<.2	<3	<3	6	.50	.011	11	16	.39	33	<.01	3	.99	.02	.18	2	<.2
C 23742	5	2	<3	3	<.3	4	<1	38	.41	<2	<8	<2	<2	1	<.2	<3	<3	<1	.01	.001	1	29	<.01	2	<.01	<3	.02	<.01	.01	7	<.2
C 23743	1	4	4493	146	6.9	7	1	215	1.27	<2	<8	<2	<2	3	.7	4	7	1	.02	.002	<1	19	.01	3	<.01	3	.04	.01	.01	7	1688.1
C 23744	3	4078	31010	68060	108.9	25	19	187	2.66	59	<8	23	<2	247	638.1	439	8	<1	4.84	.017	2	18	.44	15	<.01	5	.13	.01	.07	<2	31411.8
C 23745	<1	181	1561	1100	2.8	20	9	328	2.89	20	<8	<2	4	565	9.7	12	<3	<1	8.79	.037	4	7	1.13	29	<.01	4	.29	.01	.17	<2	143.7
C 23746	1	303	7060	13774	13.7	19	10	202	2.24	30	<8	2	2	583	107.3	24	<3	<1	11.05	.030	4	10	.47	20	<.01	4	.16	.01	.10	<2	3547.4
C 23747	1	1935	32763	44631	120.0	40	17	151	2.67	19	<8	8	2	57	441.1	121	<3	<1	1.69	.039	1	12	.38	12	<.01	5	.16	.01	.08	54	13579.2
C 23748	1	259	4663	16158	10.2	13	9	295	2.59	16	<8	<2	3	333	120.1	12	4	<1	6.21	.030	2	15	.81	17	<.01	4	.24	.01	.11	193	2573.7
C 23749	<1	4659	23773	99999	176.7	34	30	196	3.29	27	<8	26	<2	86	1025.8	183	16	<1	2.06	.014	1	12	.57	10	<.01	4	.15	.01	.07	14	37405.5
C 23750	<1	9837	26593	99999	220.7	56	43	126	3.97	68	<8	49	<2	64	1651.7	469	26	<1	1.76	.013	1	5	.36	8	<.01	<3	.08	<.01	.04	2	65235.0
RE C 23750	1	9846	26300	99999	220.0	57	42	125	3.97	69	<8	46	<2	64	1658.9	467	23	<1	1.75	.013	1	8	.36	8	<.01	4	.07	<.01	.04	2	64365.6
C 23851	1	472	2205	2174	10.7	4	2	68	.50	10	<8	22	<2	272	14.4	144	<3	1	4.69	.006	1	20	.02	6	<.01	5	.05	<.01	.02	377	27963.7
C 23852	6	2173	20508	52996	47.3	33	17	43	1.58	24	<8	34	<2	6	602.5	221	5	<1	.05	.003	<1	28	<.01	2	<.01	<3	.03	<.01	.01	10	35347.9
C 23853	<1	9	106	259	<.3	5	2	102	.71	8	<8	<2	<2	1082	1.7	3	<3	<1	27.43	.016	4	3	.09	29	<.01	<3	.10	.01	.06	2	51.0
C 23854	3	284	13623	13608	16.0	10	6	96	1.09	16	<8	11	<2	429	126.9	17	<3	1	8.56	.014	2	19	.08	13	<.01	<3	.08	.01	.05	4	13246.7
C 23855	1	2992	29747	51857	191.5	266	91	26	7.92	296	<8	51	<2	13	482.1	600	9	<1	.19	.004	<1	9	<.01	4	<.01	4	.04	<.01	.02	5	62034.5
C 23856	5	168	24884	3164	20.6	8	2	69	1.08	<2	<8	7	<2	7	21.9	44	5	1	.08	.004	<1	27	<.01	4	<.01	5	.05	<.01	.02	7	7089.8
C 23857	2	54	3919	2344	4.0	14	5	293	2.40	24	<8	<2	<2	31	17.4	11	<3	3	1.51	.025	2	15	.02	17	<.01	7	.20	.01	.09	3	1050.5
C 23858	5	4407	31032	38220	124.2	34	14	49	1.77	62	<8	14	<2	22	477.5	1217	16	1	.38	.015	<1	21	<.01	5	<.01	<3	.04	<.01	.01	18	25041.4
C 23859	6	31	766	217	2.0	5	<1	42	.45	2	<8	<2	<2	2	1.9	8	3	<1	.02	.002	<1	36	<.01	2	<.01	5	.01	<.01	.01	9	654.8
C 23860	2	7	123	53	<.3	5	<1	44	.38	<2	<8	<2	<2	4	.2	<3	<3	1	.05	.002	<1	26	<.01	2	<.01	<3	.02	<.01	.01	8	126.9
C 23861	6	796	26046	15242	49.0	13	5	46	1.10	15	<8	11	<2	7	202.5	329	3	1	.03	.006	<1	26	<.01	2	<.01	<3	.02	<.01	.01	7	13677.9
C 23862	2	277	389	2055	.6	5	1	49	.40	<2	<8	<2	<2	19	21.1	6	<3	1	.39	.008	<1	24	<.01	2	<.01	3	.01	<.01	.01	6	92.8
C 23863	6	35	518	1563	.6	6	2	98	.58	3	<8	<2	<2	67	13.5	8	<3	1	1.36	.030	1	35	<.01	6	<.01	7	.06	<.01	.02	7	41.6
C 23864	2	74	1522	951	6.3	6	2	119	.61	7	<8	23	<2	290	7.0	24	<3	1	5.22	.016	2	21	.01	9	<.01	<3	.06	<.01	.03	12	20973.9
STANDARD C3/DS2	26	65	33	165	5.4	36	11	762	3.35	57	17	3	22	27	22.8	15	23	72	.53	.092	17	159	.58	145	.06	23	1.85	.04	.15	16	205.0
STANDARD G-2	2	2	12	58	<.3	8	4	545	2.06	<2	<8	<2	3	69	<.2	<3	<3	38	.64	.109	6	72	.63	234	.11	4	1.04	.07	.49	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.
** 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* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 12 2000 **DATE REPORT MAILED:** Sept 22/00 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ✓ FA ___

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
C 23865	4	7	120	102	<.3	4	1	37	.39	<2	<8	<2	<2	4	.6	<3	<3	<1	.06	.001	<1	28	<.01	2	<.01	<3	.02	.01	.01	10	352.7
C 23866	3	2573	562	38646	8.9	11	12	262	2.59	27	<8	13	<2	6	412.0	343	<3	2	.21	.006	1	19	.01	5	<.01	<3	.05	.01	.02	7	15611.4
C 23867	2	821	3611	12618	7.4	9	5	84	.98	16	<8	3	<2	6	150.4	265	<3	1	.05	.005	<1	24	.01	4	<.01	<3	.04	.01	.01	12	4925.2
C 23868	4	19	470	4452	7.2	6	3	81	.74	4	<8	31	<2	4	46.3	8	<3	1	.14	.004	<1	26	.01	3	<.01	5	.02	<.01	.01	7	16699.3
C 23870	1	2012	15309	5399	19.0	9	3	43	1.14	14	<8	<2	<2	14	59.5	57	<3	1	.11	.088	<1	25	<.01	10	<.01	8	.10	.01	.04	27	1099.9
C 23871	6	89	28772	13251	65.2	14	8	102	1.07	3	<8	6	2	10	145.3	46	34	1	.13	.029	1	25	<.01	8	<.01	3	.08	<.01	.02	94	8002.7
C 23872	2	22	896	740	1.3	7	3	87	.67	5	<8	<2	<2	11	5.8	<3	<3	1	.18	.008	1	26	<.01	6	<.01	<3	.03	<.01	.01	54	383.4
C 23873	5	2089	25910	7384	107.8	18	5	41	1.59	35	<8	78	<2	23	83.4	374	35	<1	.02	.002	<1	30	<.01	5	<.01	8	.02	<.01	.01	16	77800.0
C 23874	3	219	8528	8217	21.8	11	4	45	.54	17	<8	12	<2	35	85.3	50	15	<1	.49	.002	<1	25	<.01	3	<.01	<3	.01	.01	.01	10	99999.0
C 23875	3	3521	30507	99999	211.6	100	60	48	4.14	111	<8	108	<2	8	1701.7	864	59	<1	.26	.002	<1	11	.06	1	<.01	7	.01	<.01	.01	<2	99999.0
C 23876	4	2169	25670	25316	80.4	16	12	251	2.16	12	<8	10	2	15	294.7	321	3	1	.29	.054	1	27	.03	11	<.01	8	.09	<.01	.04	82	7688.6
RE C 23876	4	2035	24255	24290	76.0	16	12	239	2.07	11	<8	4	2	14	292.5	315	<3	1	.28	.054	1	25	.03	10	<.01	5	.09	<.01	.04	95	6249.3
BE1	<1	5	117	68	<.3	1	1	98	.35	3	<8	<2	<2	1357	.5	<3	<3	<1	35.72	.017	3	<1	.13	15	<.01	<3	.04	.01	.01	<2	18.4
DCO-01	6	11	657	198	.8	7	2	96	.69	4	<8	<2	<2	9	2.0	<3	<3	1	.14	.007	1	30	<.01	6	<.01	4	.06	.01	.02	12	53.5
DCO-02	2	13	106	162	<.3	9	2	149	1.05	5	<8	<2	<2	26	1.4	<3	<3	2	.34	.016	2	21	.01	9	<.01	6	.10	.01	.04	10	20.0
DCO-03	1	4	56	44	<.3	6	1	71	.50	3	<8	<2	<2	15	.3	<3	<3	1	.26	.006	<1	19	<.01	5	<.01	<3	.04	.01	.02	7	77.5
DCRO-04	4	3	30	19	<.3	7	1	76	1.24	38	<8	<2	<2	4	<.2	<3	<3	1	.01	.008	1	25	<.01	18	<.01	5	.12	.01	.06	7	14.2
DCRO-05	2	5	31	30	<.3	11	3	169	1.14	6	<8	<2	<2	10	<.2	<3	<3	1	.39	.005	1	22	.03	9	<.01	3	.06	.01	.03	7	8.5
DCRO-06	4	3	57	21	<.3	4	<1	41	.51	<2	<8	<2	<2	1	.2	<3	<3	<1	<.01	.002	<1	30	<.01	3	<.01	<3	.02	<.01	.01	8	6.1
STANDARD C3/DS2	26	65	35	184	5.6	37	11	784	3.43	58	17	2	21	28	24.1	17	21	76	.56	.095	17	162	.61	150	.07	24	1.75	.04	.16	18	216.8
STANDARD G-2	1	4	10	54	<.3	8	4	536	2.03	<2	<8	<2	3	68	<.2	<3	<3	38	.63	.106	6	74	.61	240	.11	3	.91	.07	.49	2	-

Sample type: ROCK R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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

Gold City Industries Ltd. File # A003490R
200 - 580 Hornby St., Vancouver BC V6C 3B6 Submitted by: Al Raven

SAMPLE#	Au** gm/mt
C 23874	9.77
C 23875	105.37
STANDARD AU-1	3.73

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: ROCK PULP

DATE RECEIVED: OCT 10 2000 **DATE REPORT MAILED:** Oct 12/00 **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

Gold City Industries Ltd. File # A004052

200 - 580 Hornby St., Vancouver BC V6C 3B6 Submitted by: PAUL COWLEY

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** gm/mt
E 192951	4	5	34	168	.3	8	3	105	.97	11	9	<2	3	13	.3	4	<3	2	.13	.003	5	24	.02	48	<.01	3	.11	.01	.05	6	.02
E 192952	4	5	30	82	<.3	4	1	55	.49	3	<8	<2	<2	2	.2	5	<3	1	.02	.002	1	27	.01	8	<.01	4	.04	<.01	.01	8	<.01
E 192953	4	20	10588	3446	17.5	13	5	135	1.26	5	<8	<2	3	43	25.6	17	5	2	.57	.063	4	22	.01	23	<.01	6	.12	.01	.06	5	.12
E 192954	5	9	96	241	.6	8	1	37	.37	3	8	<2	<2	4	1.9	6	<3	1	.06	.007	1	24	<.01	21	<.01	<3	.02	.01	.02	3	.07
E 192955	4	3	19	123	<.3	3	1	60	.48	3	<8	<2	<2	2	1.0	<3	<3	1	.10	.002	<1	27	<.01	11	<.01	<3	.02	<.01	<.01	8	<.01
E 192956	5	5	20	82	.3	13	2	86	.69	6	<8	<2	<2	8	.8	<3	<3	1	.46	.002	1	28	.01	15	<.01	<3	.05	<.01	.02	2	.13
E 192957	5	25	311	341	1.4	6	2	97	.84	9	<8	<2	2	6	.6	28	<3	1	.04	.006	1	28	<.01	10	<.01	<3	.05	<.01	.03	9	.11
E 192958	5	18	170	124	.9	10	1	62	.59	5	<8	<2	<2	4	.4	9	<3	1	.03	.003	1	25	.01	9	<.01	5	.06	<.01	.03	2	.04
E 192959	6	6	18779	393	28.7	3	<1	47	.55	3	<8	23	<2	3	4.4	25	5	1	.02	.002	1	35	.01	19	<.01	<3	.04	<.01	.01	11	23.84
E 192960	5	4	69	5	.6	9	1	167	.41	2	<8	<2	4	3	<.2	<3	<3	1	.02	.006	9	27	.01	24	<.01	<3	.06	.01	.06	2	.03
E 192961	4	301	8375	5005	12.6	10	4	249	1.95	13	<8	<2	3	415	28.2	7	11	2	4.36	.028	2	24	.29	18	<.01	<3	.14	.01	.07	3	.13
E 192962	5	54	22211	68711	183.4	11	4	25	1.62	31	<8	75	<2	14	673.1	166	10	1	.02	.003	<1	20	<.01	21	<.01	4	.03	<.01	<.01	<2	68.66
RE E 192962	6	55	22175	68215	183.7	11	5	28	1.65	35	<8	66	<2	14	689.5	172	11	1	.01	.003	<1	24	<.01	21	<.01	4	.03	<.01	.01	<2	69.46
E 192963	6	5	371	216	.7	5	1	73	.94	3	<8	<2	<2	4	1.3	<3	<3	1	.03	.006	1	40	<.01	14	<.01	<3	.07	.01	.03	11	.14
E 192964	6	4	568	179	1.2	19	4	261	2.25	47	<8	<2	2	5	1.4	<3	<3	2	.34	.006	2	29	.02	15	<.01	6	.12	.01	.06	2	.16
STANDARD C3/AU-1	26	63	33	170	5.3	39	11	793	3.50	58	15	<2	20	30	22.7	17	22	84	.58	.097	18	175	.63	155	.09	23	1.82	.04	.17	16	3.55
STANDARD G-2	2	2	<3	42	<.3	9	4	551	2.14	<2	<8	<2	5	74	<.2	<3	<3	45	.68	.107	8	81	.64	240	.13	7	.96	.08	.49	2	<.01

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 150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 13 2000 **DATE REPORT MAILED:** Oct 20/00 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

 Data___ FA ___