2.13431

EXPLORATION REPORT
BRYCE TWP., ONT.

JUNE 15,1990

By: Rodney H. Spooner P.Eng.,MEIC

2.11380

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BRYCE TWP. DISPOSITION MAP

LIST OF ENCLOSURES

INTRODUCTION

During the period May 12 to 27,1990 the author and several assistants carried out a programme of exploration, funded by the Ontario Prospectors' Assistance Programme, consisting of linecutting, VLF-EM surveys, geological mapping, soil sampling, overburden stripping and channel sampling, blasting, and limited prospecting.

The work areas were selected on areas priorized by previous exploration done by the author and associates. The claims which were directly involved in this round are : L1047203, 1046165, 1046166, 1012971, 1012972, 1012973, 1012974, 1013276, and 1013277.

Two new grids were established and one old grid was extended eastward. A total of 13.05 kilometers was cut, with chaining at 20 meter intervals. EM-16 surveys, reading the Cutler, Maine transmitter (24.0 K Hz.), was done at 20 meter reading intervals over the cross-lines, a total of 11.65 kilometers.

The grids were geologically mapped at a scale of 1:2000, and certain zones were mapped at a scale of 1:200.

Bl soils were collected at various intervals on the different grids, giving a total of 335. 151 soils from the DU grid and the No.1 Post grid were sent to ACME Labs, in Vancouver, for 30- element ICP plus AA gold analyses. The remainder of the soils went to Bell-White Labs, in Haileybury, for gold geochem analyses.

34 rock samples were collected by the author during mapping. These were sent to Bell-White for gold geochem analysis. Sampling of stripped zones was done by both rock saw and chip sampling. 51 of these samples were collected and analyzed by fire assay for gold.

A small, cat-mounted backhoe was brought in to excavate EM conductors, but it was unable to reach bedrock, then broke down. A larger machine replaced it and it too was unsuccessful in excavating to bedrock on the same conductors. It did, however, very successfully clear overburden from two other main zones of interest, the DU and JS zones. In conjunction with this, the crew used Wajax pumps to sluice shallow overburden and clean outcrops after the backhoe was done. The GD Zone, stripped and trenched last year, was further dug out by hand, blasted, and hosed down this year to better expose the shear.

The time spent by various crew members breaks down as follows:

Time spent by Grant Principals

R.Spooner : 28 days including fieldwork, and report and data compilation, and travel

Gary C. Dunn : 25 days including job preparation, fieldwork, drafting, and travel

Gregory Dunn : 7 days fieldwork only

Time spent by other Personnel

Soil Sampling: 5 man-days

Geophysical Surveys : 4 man-days

Overburden Stripping: 22 man-days

Linecutting : 13.05 kms. 18 man-days

Backhoe Rentals : cat-mounted 15 hrs. $675
: Komatsu 23.5 hrs $1684

The crew that worked on the project is comprised of:

J. Demeester	North Bay, Ont.
M.--------	New Liskeard, Ont.
G. Chartrand	N. Cobalt, Ont.
R.Chartrand	N. Cobalt, Ont.
R.Millen	Matachewan, Ont.
Adrian Boucher	Matachewan, Ont.
Aimee Boucher	Matachewan, Ont.
K. Collins	Matheson, Ont.
P. Collins	Matheson, Ont.
N Lauzon	N. Cobalt, Ont.

SUMMARY

The overburden stripping over the EM conductors parallelling the GD Zone did not penetrate the lacustrine clays, so no conclusions can be drawn regarding these responses. The GD Zone, proper, was cleaned further by hand but samples from the zone proved disappointing, giving a maximum gold content of 347 ppb along with 7100 ppm copper. Previous values in the 1700 ppb gold range have been found at this zone.

Soils done over the GD grid indicate generally anomalous gold content is present, with a few higher sites giving up to 126 ppb. This site was partially excavated by hand but no bedrock was reached.

The majority of expenditure was made over the DU Zones, and adjacent ground. VLF-EM results indicate no conductive horizons are present. No lacustrine clays were encountered during soil sampling, so shears which may have been conductive because of contained clays on the other claims are not conductive here.

Soils taken over the DU grid are generally much lower than those on the GD grid, but a few spot highs in the 30 to 45 ppb range occur. One site yielded 750 ppb, by far the highest soil in the surveys.

Out of 49 channel samples taken on the various zones on the DU grid, most are in the trace amount range, with a couple at the 0.06 oz/t, and one that gave 0.327 oz/t across 1.35 meters. A grab sample from an otherwise unsampled vein on the DU A zone ran 5279 ppb Au.

The last grid surveyed, is the No.1 Post grid, on 1047203. Old trenches are present in the extreme northeast corner of the claim. They expose pyritized sheared tuffs. The best result, 1053 ppb Au, came from a grab sample from the east pit. Soils done over the grid were low, except for a few sporadic strong values of up to 210 ppb Au. No VLF-EM conductors were revealed by the survey. A very feeble response exists over the pits.

Future exploration should now focus on the DU "A" Zone, which is a strongly veined zone of shearing carrying up to 0.327 oz/t gold across 1.35 meters.

DISCUSSION OF RESULTS

DU GRID

The grid was established to cover the extent of volcanic rocks as indicated by OGS mappers (map no. 2501, Hill Lake). The grid covers parts of claims 101961, 1012962, 1012972, 1012973, and 1013277.

The survey area was found not to cover the volcanics completely to the west, there being a greater area of these rocks than indicated. To the north, the volcanics were also found to extend further than mapped, however the grid did cover to the diabase contact. The south side of the survey stopped at the contact with the onlapping Gowganda conglomerates, while the east limit of the grid is bounded by the neighbouring claim.

By far the most common rocks on the grid are felsic pyroclastics, mostly fine lapilli tuffs often interbedded with crystal tuffs and/or coarser pyroclastics. In general, the southern part of the grid is underlain by finer grained and more mafic varieties, while the north part is more felsic and fragments are coarser. Rhyolite flows occur in the central and northern sections of the grid. Some very coarse lithic fragmentals occur in the south, adjacent to the DU zones. Several feldspar porphyry dikes and/or sills are present in the sequence, most noteably at the DU B zone where one hosts prolific quartz veining.

Bedding orientations strike consistently around 245 and dip 75 north, whereas foliation and shearing tends to be around 290 and near vertical.

Narrow shears are common, and are usually sericitized, carbonatized, and chloritized to certain extents. The DU zones, and the JS zone, all have development of pyrite cubes in the wall rocks. Grab samples of these wall rocks at the DU zone returned up to 0.229 oz/t gold.

A large eastsoutheast-trending shear structure is present along the southern limit of the volcanics, another significant one occurs in the northern side of the grid, and a third occurs at the JS zone, in the central part. In general, the shears have narrow alteration aureoles, moderate quartz flooding, carbonate veining and a well-developed schistossity. The northern zone occupies a shallow linear in a knobby outcrop area, whereas the other mapped shears do not give much topographic expression. Notwithstanding this last statement, a low scarp demarcates the volcanic - conglomerate contact, in part related to the shear zone but also merely a weathered contact phenomenon.

The diabase contact was not seen in outcrop on the grid. The diabase closest to volcanics is fairly fine grained, non-

foliated, massive rock which becomes coarser grained rather quickly, away from the contact. The pyroclastics at the contact are coarsely lithic, massive felsic rocks, giving knobby outcrop surfaces. No structures related to the intrusive contact were noted. There is a larger component of rhyolitic units in the tuffs here, and some of the more massive units may be extrusive rocks.

Old trenches were found in sheared and veined tuffs west of the DU zone in the extreme southwest corner of the grid. Grab samples carry negligible values.

A series of old trenches were found in the northeast part of the grid, exposing a shear cutting rhyolite and pyroclastics. The shear occupies an east to southeast-trending linear. Moderate quartz flooding is present in places, and minor chalcopyrite and malachite was seen. Grab samples indicate that negligible gold is present in the structure.

The JS zone was another old discovery which had been shallowly trenched. A rusty vuggy quartz vein, up to 35cm wide occupies the central part of the shear and contains pyrite in coarse patches, with chalcopyrite, galena, and molybdenite occasionally present in small amounts. Grab and channel samples are not anomalous.

A new shear, named the DU C, just north of the DU B zone, was sluiced and sampled. Intense shearing across 3 meters with only minor quartz veining accompanying it gave negligible gold values.

One other outcrop of interest, situated at 175E x 050N, of felsic tuffs, carries galena and chalcopyrite in small quantities. The unit is partly sheared and forms the south side of a narrow but poorly defined linear. Gold analyses were nil, No other part of the outcrop was sampled nor was the linear further prospected.

The DU A, B, and C zones are parallel structures trending roughly 290 . While they are most likely parallelling regional structures, they also lie along a weakly defined linear striking around 335. Structures in this orientation have been noted in outcrop at the GB zone and have been suggested by VLF surveys on our claim 1047203 and also over the GD zone. No direct proof that this actually is a structural lineament was seen. Gash veins of appropriate orientation are present at the DU A zone outcrops, but they may relate to folding also observed there. This interpretation should be kept in mind in any future exploration programme.

Very little folding was noted on the grid. Some warping of the layers was seen at the DU zone, otherwise the rocks are very linear.

The VLF-EM survey did not outline any conductors. There is an approach to a probable conductor off the south side of the grid, where a creek occupies a valley underlain by Cobalt sediments. A buildup seems to be occurring at the north side of the grid, possibly pointing up the conductors outlined on the north side of the diabase.

The soil survey results were markedly depressed compared to those around the GD zone. Only a handful of sites returned more than 10 ppb. Au and no trends whatever can be interpreted. A strongly anomalous site gave 750 ppb. and is situated in a shallow draw which parallells other shears on the claims.

GD ZONE and EAST EXTENSION GRID

The GD Zone is in sheared, carbonatized tuffs in the northeast section of 1046166. The shear is sinuous, anastomosing, and up to 1.5 meters wide. Narrow, central quartz veining contains pyrite, and chalcopyrite, and gives grab samples up to 0.05 oz/t. Au. Chip samples across the schistose zone give values up to 0. 038 oz/t. The shear is traceable by VLF - EM for a couple of hundred meters, Other, parallel, stronger conductors have been outlined by VLF and were traced further east this Spring. Another mineralized shear (0.05 oz/t) is present just north of the zone, off the claim. This shear probably trends west onto 1047203. Further to the west, Mingold excavated an east - trending shear which gave 24,000 ppb. Au., so shears of this orientation are of interest.

As I stated earlier in this report, attempts were made to dig down to bedrock on some of the conductive zones parallelling the GD shear. The backhoe excavated to depths of 20 feet, or so, but remained in dry lacustrine clays bearing a few ice - rafted boulders. Although the GD zone could easily have been stripped by the hoe, the environmental permits required for a creek crossing deterred this move. The depth and type of overburden above the apparent conductive trends would normally preclude reliable VLF readings (i.e. conductive overburden), but the dryness of the clays must allow the signal to penetrate to bedrock. While there are few actual cross - overs, there are definite trends of dip angle changes.

The eastward extension of the conductive trends is cut off by the diabase dike, or alternatively by the fault structure postulated below.

The geology underlying the east extension grid is mostly masked by a thick overburden consisting of lacustrine clays overlain by till and some outwash sands. The diabase forms a prominent ridge ringed by diabase talus. The grid went only to the base of the ridge. The ridge continues westerly onto the DU grid. The diabase is significantly thinner than indicated on OGS maps, but the contact was not observed on the property. Some old trenches were found on the north contact of the diabase, off our claims. Quartz veins approaching one meter wide occur in tuffs which are in contact with the diabase. Little in the way of sulphide mineralization was seen in the veins, but no samples were collected and the author did not attempt to trace the showings.

A saddle, or low area is present between the diabase ridges, and it is considered by the author to be a structural break. I say that mainly on the basis that the break can be traced topographically to the northwest. Outcrops of volcanic rocks are

present in the saddle and were seen to be in close proximity to diabase outcrops which are possibly outliers of the main dike. Conglomerates also outcrop on the grid, just south and east of volcanic outcrops.

No soils were done over the East Extension grid. Soils were done over parts of the GD grid to complement previous surveys supervised by the author. Results from this survey indicate a widespread gold enrichment in the tills. The grid is much more anomalous than the other areas surveyed. The results obviously do not reflect substrait geology, for the most part, because of the deep clay overburden. Anomalous sites in the northern limits of the claim are much closer to bedrock and may be closer to source. Two adjacent sites gave 126 and 50 ppb., so the crew dug around at the more anomalous site finding volcanic fragments and nearby large, angular, carbonatized tuff boulders.

GB ZONE

The GB zone on 1046166, located about 150 meters west, and 75 meters north of the GD zone, was not further explored. It is a shear in coarse felsic tuffs which contain pyritic lenses. Old pits are present along the outcrop face, exposing small quartz veins in the schistose shear. The shear trends northwest, a much different orientation than at all the other zones on the claims. A grab sample from one of the old pits ran 0.05 oz/t. but work in 1989 failed to reproduce this result. I refer to this zone only to point up the presence of northwest - trending structures in the area.

A previous VLF-EM survey picks up the northwest structures as a parallel series of weak responses.

NO. 1 POST ZONE

The No. 1 Post zone is an east-trending shear zone cutting felsic tuffs. The zone is from one to 2.5 meters wide, and is exposed only at the extreme NE margin of claim 1047203. Quartz veining and heavy pyritization accompany the shear, as well as sericite and fuchsite. The shear seems to be dilating towards the east, off the property, where a series of old pits have been excavated to test the shear. No exposure has been accomplished west of post no. 1 of 1047203.

Conglomerates outcrop along the south boundary of the claim, at the base of a low hill which rises northward into the claim. A couple of old pits were noted in the conglomerates where some unmineralized quartz veining had been exposed. The contact appears to be the normal onlapping type observed at other spots around the claim group.

The crew hosed off the trenches that occur at the northeast corner of the claim and the author collected both grab and chip samples from the trenches. Best assay, 1030 ppb. is from pyritic quartz veins in the easternmost trench. A composite chip from the westernmost trench ran 709 ppb. across 1.2 m.

Soil geochemical sampling proved inconclusive in that no consistently anomalous trends were defined. A trend does exist for 80 meters or so, along strike (west) of the zone. The orientation of the grid lines is parallel to the structure , so good coverage across the zone was not obtained. There is a very strong anomaly running 215 ppb, located in the north central part of the grid, and a couple of weaker isolated sites elsewhere. However, no widespread system of gold-bearing shears was delineated on the claim.

Previous VLF-EM surveys over grid lines running north-south picked up no conductive horizons on the claim, so this year's work was planned to check for northwest-trending structures, as at the GB zone. The VLF did not discern any conductors on the grid, however a careful check across the zone indicates that a feeble response is present over the structure, but without knowing the structure is there, one would hardly interpret an anomaly.

CONCLUSIONS

The DU A zone contains the highest gold concentrations found on the claim group. The mineralization is in west northwest-trending shears in quartz veins and pyritic wall rocks, hosted by a sequence of carbonatized felsic tuffs. Gold, in amounts ranging up to 0.327oz/t across 1.35m, is spottily distributed in the zone. Grab samples of pyritized wall rocks have assayed as high as 0.224 oz/t. Quartz veins are not obviously mineralized with sulphides, but some pyrite and/or chalcopyrite is associated with chloritic inclusions. Fine needles of an unidentified silver-grey mineral are occasionally present.

The DU B and C zones, the JS zone, and two other shears found during mapping are all roughly parallel to the A zone, however only negligible gold concentrations have been found in these structures, so far.

Surprisingly low soil results were obtained on the DU grid. A single site registered 750 ppb. Au, and only two or three other sites yielded better than 10 ppb. No anomalous soils were found in the vicinity of the DU zones.

The GD zone looks the most interesting, mineralogically, in that it seems to be the most altered and carries good pyrite-chalcopyrite mineralization, but gold concentrations are very weak. The GD shear structure is traceable with VLF-EM for at least 200 meters, and other parallel structures are indicated by VLF results along several hundred meter strike length. The exploration to date has been unsuccessful in penetrating overburden to bedrock over the conductors.

Elevated gold-in-soils is present in the area around the GD zone, but it is uncertain whether any of the anomalies reflect bedrock substrait.

The No. 1 Post zone carries anomalous gold values, but is only marginally on the claim. An extension of this zone is hinted at by amomalous soil samples along strike to the west. The No. 1 Post structure is not readily discernible by EM methods.

Only limited prospecting has been carried out over the claim group, except for unreported work done some time around 30 to 40 years ago, or so. Since the mineralized structures do not show up on EM surveys, and might not be expected to stand out in magnetic surveys, prospecting would be an important tool for future exploration of the ground.

RECOMMENDATIONS

The priority area resulting from work to date is around the DU zones. Efforts should be made to trace the DU zones, especially the A zone, to the west. All other prospective areas are of secondary interest, at this stage, however certain recommendations can be made.

The entire property should be intensively prospected.

The strong soil site of 750 ppb., on the DU grid, should be rechecked, and the linear it occurs in should be carefully prospected. Several other sites on the grid which were anomalous, namely on line 00, warrant a quick check. The western limits of the volcanic rocks was not defined by this survey, and there may be some areas of interest along the diabase contact.

Permits could be sought to enable a backhoe to cross the creek south of the GD zone. A considerable amount of stripping could be done to better expose the shear both along and across strike. Since results are low, this work is of lesser priority and should only be done if it is convenient during exploration of other sections of the claims.

There appears to be little one can do to further evaluate the VLF conductors outlined south of the GD zone. If further exploration upgrades the quality of gold assays along the GD shear, a priority would be to carry out a MaxMin horizontal loop EM survey to determine the veracity of the VLF interpretation. If a horizontal loop survey confirms the trends, they could be tested with a Wacker drill, or even a small diamond drill.

Efforts should be made to trace the No. 1 Post shear westward, onto the claim. Geochem results suggest that it may continue for another 100 meters, at least. Detailed prospecting recommended above would be necessary to assist in this endeavour.

Since the No. 1 Post zone's location on the claim is so marginal, the location of the claim with respect to Concession lines should be confirmed prior to much expenditure of time and money.

Rodney H. Spooner P. Eng., MEIC

BELL-WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107
POJ 1KO FAX: (705) 672-5843

Certificate of Analysis

NO. 0360 DATE: May 31, 1990

SAMPLE(S) OF: Rock (34) RECEIVED: May 1990

SAMPLE(S) FROM: Mr. R.H. Spooner, LaRonge

Mapping Samples

Sample #	Au ppb	
F1505	2	
6	2	
7	3	
8	4	
9	22	
1510	8	
11	5	
12	12	
13	8	
14	5	
15	4	
16	5	
17	7	
18	8	
19	3	
1520	5279**	
21	635	
22	15	
23	64	
24	8	
25	4	
26	7	
27	4	
28	4	↑ DU Grid
29	3	
1530	4	
31	10	
32	709	No. 1 Post Zone
33	602	
34	16	
35	7	↓
36	532	
37	1053**	
38	93	

NOTE: ** denotes checked.

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PER _____

DU ZONE CHANNEL SAMPLING

Sample No.	width	description	assay
1539	1.45m	incl.2 5cm QV	TR
1540	1.15	" 2 3cm QV	0.004 oz. Au
1541	0.9	3 QV up to 5cm	Tr
1542	0.7	2 QV 3-5cm	Tr
1543	0.6	2-3 QV rusty	0.008
1544	0.9	2-3 QV vuggy	0.040
1545	0.9	3-4 QV	0.004
1546	0.8	wall rock,some vein	0.016
1547	1.0	4-5 QV	0.002
1548	1.35	60% QV	0.327
1549	0.85	QV	0.010
1550	1.4	2-3 QV	0.002
1601	1.0	crosses 240°joint ribbony veins	Tr
1602	0.75	QV 240/290°junction	Tr
1603	1.0	ribbony QV	Tr
1604	0.7	small QV	Tr
1605	1.0	QV	0.060
1606	0.7	2 QV	Tr
1607	1.2	2-3 QV	Tr
1608	1.0	1-20cm 1-7cm QV	Tr
1609	1.0	"A" vein	Tr
1610	0.8	1-2cm gash vein	0.060
1611	0.95	2-3 5cm QV rusty wallrock	0.004
1612	1.3	3-4 QV pyrite cubes in wallrock	Tr
1613	1.6	"A"Zone 50% QV pyrite in wallrock	Tr
1614	1.7	below "A"zone 15-20% QV	
1615	1.6	3-4veins max.7-8 cm	Tr
1616	1.2	QV and shear	0.012
1617	1.4	2-3 10-15cm QV	Tr
1618	1.1	2 sm QV	Tr
1619	1.2	2-4 QV	Tr
1620	1.1	8-10 ribbony QV	Tr
1621	1.3	2-3 QV	0.014
1622	0.8	QV 5-7cm	Tr
1623	1.0	cubic pyrite "B"Zone vein	0.002
1624	1.5	QV and feldspar porphry	0.002
1625	1.0	"B"Zone QV pyritic wallrock	Tr
1626	1.0	2 QV 15-20cm pyritic wallrock	0.002
1627	0.8	QV	0.028
1628	0.9	QV 10cm	0.002
1629	0.7	" "	Tr

Sample No	width	description	assay
1630	1.3m	QV 10-12cm fractured wallrock	Tr
1631	0.85	ribbony QV	Tr
1632	0.9	ribbony to massive QV 40%	Tr
1633	1.4	numerous gash veins,rusty	Tr
	JS ZONE		
1634	0.6	footwall rocks	Tr
1635	1.0	rusty shear quartz patches	"
1636	1.0	"	"
1637	"	"	"
1638	"	"	"
1639	"	in felsic HW rock	"

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Certificate of Analysis

NO. 0357

DATE: May 30, 1990

SAMPLE(S) OF: Rock (50)

RECEIVED: May 1990

SAMPLE(S) FROM: Mr. Gary Dunn

Sample #	Oz. Gold	Sample #	Oz. Gold
F1539	Trace	26	0.002
1540	0.004	27	0.028
41	Trace	28	0.002
42	Trace	29	Trace
43	0.008	1630	Trace
44	0.040	31	Trace
45	0.004	32	Trace
46	0.016	33	Trace
47	0.002	34	Trace
48	0.327**	35	Trace
49	0.010	36	Trace
1550	0.002	37	Trace
1601	Trace	38	Trace
2	Trace	39	Trace
3	Trace	A 58913	0.004
4	Trace		
5	0.060		
6	Trace		
7	Trace		
8	Trace		
9	Trace		
1610	0.060		
11	0.004		
12	Trace		
1615	Trace		
16	0.012		
17	Trace		
18	Trace		
19	Trace		
1620	Trace		
21	0.014		
22	Trace		
23	0.002		
24	0.002		
25	Trace		

NOTE: ** denotes checked.

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Per _____

SOIL SAMPLING "DU" GRID

LINE 0+00

sta	depth	horizon	remarks
5+00S	25cm	B1	brn sandy till
4+60	"	"	"
4+20	"	"	"
3+80	"	"	"
3+40	"	"	"
3+00	"	"	"
2+80	"	"	"
2+40	"	"	"
2+00	"	"	"
1+60	"	"	"
1+20	"	"	"
0+80	"	"	"
0+40S	"	"	"

LINE 1+00E

4+40S	25	B1	dk brn sandy till
4+00	"	"	"
3+60	"	"	"
3+20	"	"	"
2+80	"	"	"
2+40	"	"	"
2+00	"	"	"
1+60	"	"	"
1+20	"	"	"
0+80	"	"	"
0+40	"	"	"
0+00	"	"	"
0+40N	"	"	"
0+80N	"	"	"

LINE 3+00E

3+80S	25	B1	dk brn sandy till
3+40	"	"	"
3+00	"	"	"
2+60	"	"	"
2+20	"	"	"
1+80	"	"	"
1+40	"	"	"
1+00	"	"	"
0+60	"	"	"
0+20	"	"	"
0+20N	"	"	"
0+60	"	"	"
1+00	"	"	"
1+40	"	"	"
1+80	"	"	"
2+20	"	"	"
2+60	"	"	"
3+00N	"	"	"

LINE 2+00E

sta	depth	horizon	remarks
2+00N	25	B1	Brn sandy till
1+60	"	"	"
1+20	"	"	wet dk sandy till
0+80	"	"	Brn sandy till
0+40	"	"	"
0+00	"	"	"
0+40S	"	"	"
0+80S	"	"	"
1+20	"	"	"
1+60	"	"	"
2+00	"	"	"
2+40	"	"	reddish brn sandy till
2+80	"	"	"
3+20	"	"	"
3+60	"	"	"
4+00S	20	Ao	sandy loam in boulders

LINE 4+00E

3+00S	25	B1	Brn sandy till
2+60	"	"	"
2+20	"	"	"
1+80	"	"	"
1+40	"	"	"
1+00	"	"	"
0+60	"	"	"
0+00	"	"	"
0+40N	"	"	"
0+80	"	"	"
1+20	"	"	"
1+60	"	"	"
2+00	"	"	"
2+40	"	"	greyish near O/C
2+80	"	"	reddish sandy till
3+20	"	"	pebbly till
3+60	"	"	sandy till
4+00N	"	"	"

LINE 5+00E

2+80N	20	B1	brn sandy till
2+40N	"	"	"
2+00N	25	"	wet dark soil near old pit
1+60	"	"	brn sandy till
1+20	"	"	"
0+80	"	"	
0+20 N	"	"	"
0+20S	"	"	"
0+60	"	"	"
1+00S	"	"	"
1+40S	"	"	"

LINE 6+00E

sta	depth	horizon	remarks
1+00S	25cm	B1	sandy till in boulders
0+60	"	"	"
0+20	"	"	"
0+20N	"	"	"
0+60	"	"	"
1+00N	"	"	"
1+40N	"	"	"

SOIL SAMPLING

Cl#1047203 Grid (No. 1 Post Grid)

sta	depth	horizon	remarks
LINE 1+00 S			
0+00 W	25cm	B1	Dk brn sandy till
0+40	"	"	till in boulders
0+80	"	"	till in rock
1+20	"	"	"
1+60	"	"	"
2+00	"	"	dk brn sandy till
2+40	"	"	"
2+80	"	"	"
3+20	"	"	"
3+60	"	"	"
4+00W	"	"	sandy till in boulders
LINE 0+00			
4+00W	25	B1	brn sandy till
3+60W	"	"	dk muck in boulders
3+20	"	"	dk brn sandy till
2+80	"	"	dk brn pebbly till
2+40	"	"	dk brn sandy till
2+00	"	"	"
1+60	"	"	" "
1+20	"	"	"
0+80	20	"	clay,pebbly in boulders
0+40	25	B1	pebbly till
0+00	"	"	sandy near O/C
LINE 1+00N			
0+00W	25	B1	dk brn sandy till
0+40	"	"	"
0+80	"	"	reddish sandy till
1+20	"	"	wet dk brn till
1+60	"	"	"
2+00	"	"	"
2+40	"	"	"
2+80	"	"	"
3+20	"	"	wet grey till
3+60	"	"	brn sandy till
4+00W	"	"	"
LINE 2+00N			
4+00 W	25	BI	dk pebbly till
3+60	"	"	"
3+20	"	"	brn sandy till
2+80	"	"	"
2+40	"	"	"
2+00	"	"	"
1+60	"	"	"
1+20	"	"	"
0+80	"	"	"
0+40	"	"	"
0+00	"	"	"

BASELINE 2+00W

sta	depth	horizon	remarks
0+80S	25	B1	Brn sandy till
0+40	"	"	"
0+40N	"	"	"
0+80N	"	"	"
1+40N	"	"	"
1+80N	"	"	wet sandy till in boulders

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Hi Rock Contracting Ltd. File # 90-1612 Page 1

Box 450, La Ronge Sask. S0J 1L0

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
L0E 0+20S	1	10	2	38	.1	18	5	100	1.69	2	5	ND	2	8	.3	2	2	27	.12	.042	7	31	.24	30	.09	4	2.52	.01	.02	1	5
L0E 0+60S	1	14	6	47	.1	15	3	116	1.54	2	5	ND	2	12	.2	2	2	24	.17	.024	9	21	.19	41	.09	7	1.50	.07	.03	1	2
L0E 1+00S	1	2	6	10	.1	2	1	145	.24	2	5	ND	1	9	.2	2	2	8	.09	.006	7	4	.03	38	.04	2	.30	.01	.01	1	4
L0E 1+40S	1	4	9	33	.1	8	3	83	2.18	2	5	ND	2	8	.6	2	2	35	.10	.055	6	21	.14	35	.10	4	1.82	.01	.02	1	9
L0E 1+80S	1	11	6	25	.1	7	2	45	1.45	2	5	ND	1	7	.3	2	2	30	.08	.024	6	18	.10	15	.07	4	1.79	.02	.02	2	44
L0E 2+20S	1	10	13	33	.1	16	5	278	2.94	2	5	ND	1	10	.3	2	2	57	.15	.041	4	31	.28	52	.12	4	1.33	.01	.02	1	6
L0E 2+60S	1	8	11	25	.1	14	4	84	2.87	2	5	ND	2	10	.8	2	2	56	.14	.023	5	25	.16	36	.12	5	1.52	.01	.02	1	2
L0E 3+00S	1	7	13	43	.1	7	2	88	2.87	2	5	ND	1	7	.7	2	2	72	.09	.021	5	19	.11	36	.11	4	1.41	.02	.02	1	36
L0E 3+40S	1	28	62	134	.1	16	10	331	1.46	2	5	ND	1	11	.9	2	2	29	.14	.021	10	24	.26	48	.08	2	1.41	.03	.04	1	4
L0E 3+80S	1	7	15	48	.1	10	2	79	1.55	3	5	ND	1	8	.4	2	2	30	.11	.020	5	19	.16	25	.08	2	1.30	.01	.02	1	7
L0E 4+20S	1	9	18	65	.1	20	6	112	2.20	2	5	ND	2	9	.9	2	2	34	.12	.032	7	30	.15	44	.10	8	3.06	.08	.03	2	2
L0E 4+60S	1	7	24	54	.1	5	1	60	1.30	3	5	ND	2	10	.2	2	2	44	.11	.010	6	13	.10	18	.10	2	.74	.02	.01	1	3
L0E 5+00S	1	12	14	40	.1	9	5	117	1.42	2	5	ND	2	10	.6	2	2	40	.14	.017	7	17	.17	27	.09	5	.81	.05	.02	1	2
L1E 0+80N	1	12	15	49	.1	11	3	62	1.76	2	5	ND	1	11	.5	2	2	36	.15	.017	8	20	.19	24	.11	2	1.29	.03	.02	1	7
L1E 0+40N	1	13	12	82	.1	16	5	140	2.01	2	5	ND	1	10	.5	2	2	29	.15	.067	6	27	.34	35	.08	3	1.43	.06	.02	1	4
L1E 0+00S	1	2	7	18	.1	5	1	34	.70	2	5	ND	2	7	.2	2	2	14	.07	.014	8	10	.06	22	.04	3	.80	.01	.01	1	2
L1E 0+40S	1	5	17	51	.1	8	3	108	1.31	2	5	ND	1	9	.2	2	2	22	.12	.027	6	16	.09	30	.09	2	1.41	.01	.02	1	4
L1E 0+80S	1	13	7	31	.1	16	6	117	1.92	4	5	ND	2	7	.6	2	2	30	.10	.038	6	29	.22	23	.09	4	2.26	.08	.02	2	7
L1E 1+20S	1	19	6	39	.1	17	4	93	2.87	4	5	ND	2	9	.6	2	2	43	.11	.046	6	32	.23	42	.11	4	2.42	.03	.02	2	1
L1E 1+60S	1	12	13	33	.1	10	3	69	2.14	2	5	ND	2	8	.6	2	2	44	.10	.022	6	21	.15	25	.10	2	1.46	.02	.02	1	3
L1E 2+00S	1	13	8	39	.1	17	4	135	2.19	7	5	ND	2	7	.8	2	2	33	.10	.035	6	29	.20	29	.09	4	2.55	.01	.02	1	2
L1E 2+40S	1	7	13	43	.1	12	4	121	2.05	2	5	ND	2	8	.8	2	2	41	.11	.034	7	22	.13	29	.08	4	1.96	.02	.02	2	2
L1E 2+80S	1	12	10	50	.1	24	6	104	2.44	2	5	ND	2	8	.5	2	2	41	.13	.027	6	32	.24	44	.09	3	2.37	.01	.02	1	2
L1E 3+20S	1	11	9	45	.1	12	4	59	1.71	2	5	ND	2	8	.4	2	2	39	.10	.017	7	22	.15	28	.10	5	1.41	.01	.02	1	1
L1E 3+60S	1	77	27	110	.4	25	34	1647	3.44	4	5	ND	1	12	.9	2	2	41	.16	.066	16	44	.20	67	.06	3	2.30	.07	.04	1	1
L1E 4+00S	1	8	9	61	.1	16	4	83	1.72	2	5	ND	2	9	.6	2	2	32	.12	.021	7	21	.14	39	.10	2	1.91	.01	.02	1	2
L1E 4+40S	1	13	10	62	.1	19	5	86	2.57	4	5	ND	2	9	.4	3	2	48	.13	.030	6	35	.21	28	.13	5	2.56	.04	.02	1	1
L2E 2+00N	1	15	25	52	.1	13	3	88	2.49	8	5	ND	1	7	.8	2	2	53	.08	.034	6	29	.19	21	.09	5	1.56	.02	.02	1	11
L2E 1+60N	1	14	22	88	.1	19	4	124	3.08	6	5	ND	2	8	.7	2	2	49	.11	.054	5	41	.26	32	.11	5	2.58	.01	.02	1	2
L2E 1+20N	1	25	65	126	.2	25	25	1155	4.71	6	5	ND	2	12	1.0	2	2	167	.16	.043	10	48	.32	80	.20	6	2.28	.07	.05	1	1
L2E 0+80N	1	6	24	107	.1	15	5	123	1.83	2	5	ND	2	9	.2	2	2	33	.11	.024	7	22	.23	32	.10	3	1.46	.02	.02	1	3
L2E 0+40N	1	10	15	46	.4	10	2	56	2.37	2	5	ND	2	6	.6	2	2	38	.07	.039	6	26	.11	27	.08	3	2.27	.01	.02	2	1
L2E 0+00	1	12	21	52	.1	13	3	78	1.59	2	5	ND	2	6	.5	2	2	22	.10	.039	5	24	.23	19	.07	6	1.92	.01	.01	5	750
L2E 0+40S	1	3	4	18	.1	4	1	32	.84	2	5	ND	2	6	.2	2	2	25	.06	.014	7	10	.05	14	.06	2	.80	.02	.01	1	4
L2E 0+80S	1	11	16	63	.1	14	5	93	2.30	3	5	ND	2	9	.5	2	3	36	.11	.035	6	29	.21	29	.10	5	2.62	.02	.02	1	5
L2E 1+20S	1	9	7	56	.1	13	4	112	1.50	3	5	ND	1	9	.5	2	2	27	.11	.021	5	23	.21	32	.09	3	1.48	.06	.01	1	4
STANDARD C/AU-S	17	58	38	135	7.1	68	30	1044	3.85	38	17	7	37	47	18.6	16	19	56	.51	.095	37	53	.89	174	.09	33	1.93	.06	.14	11	45

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Soil -80 Mesh AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

D/U GRID SOILS AND No.1 POST GRID SOILS

DATE RECEIVED: JUN 4 1990 **DATE REPORT MAILED:** June 8/90. **SIGNED BY.** C. Leong D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
L2E 1+60S	1	6	17	54	.1	15	5	102	2.34	2	5	ND	2	7	.2	2	2	43	.10	.027	7	25	.13	43	.12	3	2.96	.02	.03	1	14
L2E 2+00S	1	10	13	38	.2	11	3	63	1.45	2	5	ND	2	10	.2	2	2	32	.12	.017	7	18	.17	21	.09	3	1.27	.02	.02	1	7
L2E 2+40S	1	17	41	35	.1	10	3	44	2.39	2	5	ND	2	6	.6	2	2	42	.07	.025	9	27	.11	18	.09	2	3.15	.03	.02	1	1
L2E 2+80S	1	9	15	65	.1	9	3	90	2.90	5	5	ND	2	9	.3	2	2	70	.11	.042	7	22	.16	22	.15	2	1.20	.01	.02	1	7
L2E 3+20S	1	6	26	115	.2	13	4	84	1.99	2	5	ND	2	9	.8	2	3	38	.12	.021	6	24	.16	27	.10	3	1.78	.09	.02	1	2
L2E 3+60S	1	13	29	141	.1	20	6	90	1.97	2	5	ND	2	10	.2	2	2	35	.14	.017	7	27	.21	34	.12	2	1.75	.02	.03	1	2
L2E 4+00S	1	14	17	56	.1	13	3	83	1.02	2	5	ND	1	13	.3	3	2	22	.20	.019	6	19	.26	27	.08	3	.94	.03	.02	1	4
L3E 3+40N	1	26	19	77	2.7	13	4	89	2.40	2	5	ND	1	8	.3	2	2	44	.12	.033	6	32	.20	30	.07	3	2.38	.04	.02	1	1
L3E 3+00N	1	13	9	60	.1	14	4	120	1.69	2	5	ND	2	10	.3	2	2	37	.13	.017	6	25	.23	33	.09	2	1.44	.02	.02	1	6
L3E 2+60N	1	35	8	29	.2	16	4	69	2.65	2	5	ND	2	8	.5	2	2	50	.10	.022	10	33	.18	23	.11	3	2.03	.02	.02	1	4
L3E 2+20N	1	23	16	37	.1	19	5	79	3.71	2	5	ND	2	8	.3	2	2	66	.09	.024	6	41	.18	27	.15	3	2.64	.01	.02	1	4
L3E 1+80N	1	15	20	46	.1	12	4	72	3.62	2	5	ND	1	9	.9	2	2	59	.10	.034	7	40	.14	25	.12	3	3.13	.18	.02	2	3
L3E 1+40N	1	12	26	38	.1	9	2	65	1.76	2	5	ND	1	9	.5	2	2	29	.09	.028	6	27	.12	21	.08	3	2.14	.05	.02	1	4
L3E 1+00N	1	12	20	51	.1	12	3	125	1.61	3	5	ND	2	8	.6	3	2	30	.11	.047	7	28	.18	25	.08	4	1.91	.05	.02	1	2
L3E 0+60N	1	6	61	45	.1	10	3	81	2.14	2	5	ND	2	9	.4	2	2	36	.12	.040	7	35	.21	15	.11	2	2.36	.01	.02	1	2
L3E 0+20N	1	4	13	28	.1	5	1	46	.91	4	5	ND	2	9	.3	2	2	25	.09	.017	8	12	.09	15	.08	2	.78	.09	.02	1	1
L3E 0+20S	1	15	8	52	.1	24	6	131	1.54	4	5	ND	2	13	.4	3	2	27	.17	.034	7	32	.36	43	.09	2	1.66	.01	.03	1	4
L3E 0+60S	1	11	15	57	.1	16	4	80	1.97	2	5	ND	1	9	.6	2	2	39	.11	.030	7	23	.22	30	.10	3	1.84	.01	.02	1	1
L3E 1+00S	1	13	10	70	.3	16	5	104	1.89	4	5	ND	1	11	.2	2	2	31	.16	.030	6	30	.31	35	.11	7	1.87	.01	.02	1	1
L3E 1+40S	1	51	175	399	.3	21	10	163	1.64	5	5	ND	2	16	.4	2	2	31	.23	.029	9	27	.37	44	.11	2	1.42	.05	.03	1	3
L3E 1+80S	1	11	19	55	.1	12	4	91	1.72	2	5	ND	1	12	.4	4	2	44	.13	.016	6	20	.26	25	.15	3	1.00	.02	.02	1	2
L3E 2+20S	1	5	9	28	.1	7	2	61	.61	2	5	ND	2	12	.2	3	3	19	.12	.008	8	12	.16	16	.09	6	.57	.03	.02	1	3
L3E 2+60S	1	2	3	21	.1	3	1	41	1.11	2	5	ND	2	8	.2	2	2	29	.07	.013	8	9	.05	18	.08	2	.76	.01	.02	1	1
L3E 3+00S	1	6	7	19	.1	1	1	230	.49	2	5	ND	2	8	.2	3	2	15	.07	.008	9	7	.04	24	.05	4	.35	.01	.02	1	3
L3E 3+40S	1	10	7	42	.1	14	5	122	2.15	2	5	ND	1	11	.2	2	2	43	.14	.027	6	28	.25	32	.12	2	1.58	.01	.02	2	2
L3E 3+80S	1	15	23	42	.1	23	7	88	2.66	2	5	ND	2	9	.2	3	2	46	.13	.035	6	37	.26	32	.12	4	2.82	.01	.02	1	1
L4E 4+00N	1	7	15	48	.1	8	2	58	1.65	2	5	ND	2	9	.4	2	3	52	.11	.011	5	19	.12	16	.08	3	.90	.01	.01	1	3
L4E 3+60N	1	10	16	133	.1	15	3	82	1.61	4	5	ND	2	8	.4	2	2	28	.10	.028	7	24	.11	31	.07	2	2.32	.01	.02	1	1
L4E 3+20N	1	8	62	79	.1	8	2	133	1.61	6	5	ND	2	8	.4	3	2	39	.09	.022	7	20	.09	30	.07	2	1.22	.01	.01	1	1
L4E 2+80N	1	14	30	43	.1	12	3	86	1.85	5	5	ND	2	8	.2	2	2	37	.10	.025	8	28	.23	20	.09	3	1.84	.01	.02	2	6
L4E 2+40N	1	14	18	28	.1	6	1	48	.57	2	5	ND	1	7	.2	3	2	19	.12	.017	7	9	.07	22	.03	3	.98	.01	.02	1	1
L4E 2+00N	1	11	21	83	.1	8	1	109	1.09	5	5	ND	1	7	.6	2	2	40	.08	.016	6	14	.06	29	.07	2	.70	.01	.01	1	13
L4E 1+60N	1	16	46	89	.1	13	4	102	1.76	4	5	ND	2	8	.3	2	2	36	.11	.020	7	29	.20	17	.10	4	1.94	.01	.02	1	9
L4E 1+20N	1	21	73	252	.2	22	6	254	1.71	3	5	ND	3	9	.4	2	2	29	.13	.029	9	32	.26	34	.10	7	2.31	.01	.03	1	2
L4E 0+80N	1	15	31	68	.1	5	2	94	1.28	2	5	ND	1	8	.2	4	2	32	.09	.022	7	16	.10	21	.09	5	1.29	.01	.02	1	30
L4E 0+40N	1	38	126	156	.1	16	5	127	3.03	6	5	ND	1	11	.3	2	2	93	.15	.044	5	33	.28	26	.17	6	1.42	.01	.03	1	4
STANDARD C/AU-S	17	58	43	133	7.1	67	30	1058	3.80	43	18	7	37	48	17.8	16	18	57	.51	.095	38	56	.88	174	.09	33	1.88	.06	.14	11	49

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
L4E 0+00S	1	11	31	113	.2	15	4	121	1.83	3	5	ND	1	8	.2	2	2	31	.13	.028	6	24	.26	25	.09	2	1.54	.01	.02	1	10
L4E 0+40S	1	24	332	786	.5	20	12	399	1.28	2	5	ND	1	12	.7	2	2	24	.20	.026	8	23	.31	39	.08	4	1.17	.01	.03	1	4
L4E 0+80S	1	5	24	131	.2	7	1	45	1.04	2	5	ND	2	7	.2	3	2	25	.09	.011	8	12	.08	25	.09	2	.96	.01	.02	1	1
L4E 1+00S	1	12	2	102	.3	17	6	638	1.58	2	5	ND	2	9	.3	2	2	31	.12	.030	6	25	.27	29	.09	2	1.33	.01	.02	1	4
L4E 1+40S	1	121	252	229	.6	21	9	1140	1.10	2	5	ND	2	10	.5	2	2	25	.17	.034	41	27	.19	28	.06	2	2.07	.01	.03	1	2
L4E 1+80S	1	12	14	102	.1	19	5	168	2.13	5	5	ND	1	9	.6	3	2	34	.13	.040	7	31	.27	37	.10	2	2.07	.01	.02	1	3
L4E 2+20S	1	11	11	30	.1	16	4	94	1.96	2	5	ND	1	9	.2	2	2	35	.12	.028	7	27	.23	28	.11	2	1.68	.01	.02	1	3
L4E 2+60S	1	18	5	35	.1	16	5	127	1.32	2	5	ND	1	9	.2	2	2	26	.14	.023	6	23	.27	33	.09	2	1.49	.06	.02	2	6
L4E 3+00S	1	7	5	12	.1	5	1	43	1.25	4	5	ND	2	7	.2	3	2	35	.09	.014	9	11	.09	28	.08	2	.84	.02	.01	1	5
L5E 2+80N	1	8	7	38	.1	8	3	130	2.13	3	5	ND	1	6	.2	2	2	51	.07	.030	5	23	.12	18	.06	4	1.14	.01	.01	1	3
L5E 2+40N	1	11	15	34	.1	11	3	67	1.93	2	5	ND	1	6	.3	3	2	36	.07	.025	4	30	.19	16	.07	2	2.01	.01	.01	1	2
L5E 2+00N	1	67	47	37	.1	13	2	44	.51	2	5	ND	1	7	.2	2	2	14	.09	.043	14	21	.14	30	.04	3	1.26	.01	.02	2	1
L5E 1+60N	1	42	96	101	.1	20	6	293	1.46	2	5	ND	1	9	.2	2	2	29	.12	.017	8	29	.27	34	.10	2	1.24	.01	.03	2	1
L5E 1+20N	1	26	47	106	.1	10	2	74	1.70	3	5	ND	1	6	.5	2	2	34	.08	.048	7	24	.18	23	.08	2	2.03	.01	.02	1	12
L5E 0+80N	1	7	14	78	.1	11	3	143	1.84	3	5	ND	2	9	.4	2	2	42	.12	.025	7	24	.19	26	.11	3	1.09	.01	.02	1	2
L5E 0+40N	1	53	361	180	.6	18	132	9392	5.27	7	5	ND	1	10	.7	2	2	109	.13	.087	11	48	.15	58	.10	4	1.62	.01	.04	1	3
L5E 0+20N	1	6	14	58	.2	8	2	78	1.25	2	5	ND	2	7	.2	3	2	24	.10	.022	9	16	.10	29	.07	2	1.46	.01	.02	1	4
L5E 0+20S	1	10	16	53	.1	12	3	77	1.71	4	5	ND	2	7	.2	2	2	35	.10	.025	6	22	.17	23	.10	3	1.27	.01	.02	1	4
L5E 0+60S	1	10	16	63	.1	12	4	288	1.21	3	5	ND	1	9	.5	2	2	26	.13	.029	6	17	.21	29	.05	2	.81	.01	.02	1	4
L5E 1+00S	1	6	6	36	.1	8	2	93	1.49	4	5	ND	1	9	.2	2	2	32	.13	.057	7	17	.19	35	.07	2	.75	.01	.03	1	3
L5E 1+40S	1	8	9	65	.4	12	3	75	2.07	2	5	ND	2	7	.2	2	2	42	.11	.031	8	21	.16	24	.12	5	1.19	.01	.03	1	2
L6E 1+40N	1	2	7	10	.1	2	1	41	.28	2	5	ND	1	7	.2	3	2	10	.07	.007	9	5	.03	14	.03	2	.25	.01	.01	1	2
L6E 1+00N	1	7	11	27	.1	8	3	147	1.38	5	5	ND	2	7	.3	2	3	29	.11	.022	8	14	.14	21	.07	5	.87	.01	.02	1	1
L6E 0+60N	1	47	17	81	.1	31	8	237	2.19	3	5	ND	2	9	.7	3	2	35	.20	.057	7	39	.62	32	.08	2	1.97	.01	.03	1	2
L6E 0+20N	1	10	7	58	.1	22	6	229	2.31	5	5	ND	1	7	.6	2	2	53	.15	.023	6	26	.52	25	.07	4	1.15	.01	.03	1	7
L6E 0+20S	1	39	63	359	.4	22	7	1394	1.64	4	5	ND	2	12	1.2	2	2	29	.25	.024	16	28	.36	46	.09	3	1.82	.01	.03	1	2
L6E 0+60S	1	31	19	219	.3	8	5	839	.99	5	5	ND	1	6	1.0	2	2	20	.09	.052	10	12	.11	59	.02	3	.92	.01	.03	2	2
L6E 1+00S	1	30	44	145	.3	19	8	3040	1.23	4	5	ND	1	16	.9	2	2	22	.34	.043	19	21	.24	98	.05	5	1.34	.01	.05	1	2
L2+00N 4+00W	1	9	7	24	.1	12	4	257	.86	2	5	ND	1	14	.2	2	2	20	.30	.016	8	20	.33	36	.10	4	.76	.01	.01	1	4
L2+00N 3+60W	1	10	9	26	.1	14	5	224	.86	2	5	ND	1	19	.3	3	2	21	.46	.019	6	20	.27	50	.08	3	.79	.01	.02	1	4
L2+00N 3+20W	1	6	9	22	.1	8	2	66	1.25	3	5	ND	2	11	.5	3	2	35	.14	.010	8	15	.15	26	.12	3	.81	.01	.02	1	33
L2+00N 2+80W	1	10	4	37	.2	15	4	151	1.41	2	5	ND	1	11	.3	2	2	27	.15	.043	5	25	.25	32	.10	4	1.44	.02	.02	1	3
L2+00N 2+40W	1	1	7	9	.1	4	1	162	.52	2	5	ND	3	8	.2	2	2	19	.08	.006	10	8	.06	24	.08	4	.41	.01	.01	1	5
L2+00N 2+00W	1	3	4	26	.1	11	3	99	.83	2	5	ND	2	15	.2	2	4	20	.25	.008	9	21	.26	37	.10	3	.83	.01	.02	1	1
L2+00N 1+60W	1	8	2	50	.1	15	4	124	2.37	6	5	ND	1	10	.4	2	2	52	.16	.071	6	32	.24	32	.13	5	1.41	.01	.02	1	2
L2+00N 1+20W	1	14	11	37	.2	20	4	120	1.14	3	5	ND	2	12	.2	3	2	22	.19	.012	10	26	.33	52	.11	6	1.64	.01	.03	1	1
STANDARD C/AU-S	17	58	41	132	7.1	68	30	1041	3.74	38	17	7	37	47	17.9	15	21	56	.49	.095	37	55	.86	174	.09	34	1.90	.06	.14	11	48

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
L2+00N 0+80W	1	15	10	87	.3	16	5	138	2.45	3	5	ND	1	9	.5	2	2	36	.14	.055	9	30	.22	40	.10	3	2.29	.01	.03	1	4
L2+00N 0+40W	1	91	7	257	.1	21	7	419	1.62	7	5	ND	2	11	.6	2	2	29	.16	.023	7	30	.31	28	.11	4	1.64	.02	.02	1	112
L2+00N 0+00W	1	8	9	60	.1	7	3	253	1.29	2	5	ND	2	12	.4	2	2	27	.14	.023	9	14	.11	47	.09	2	.97	.01	.03	1	10
L1+00N 4+00W	1	12	4	46	.1	22	7	282	2.25	2	5	ND	1	11	.4	2	2	40	.16	.039	6	35	.35	44	.13	2	1.89	.01	.03	1	18
L1+00N 3+60W	1	3	5	18	.1	6	2	75	.93	2	5	ND	2	10	.2	2	2	28	.12	.014	7	12	.11	26	.11	2	.51	.01	.02	1	6
L1+00N 3+20W	1	8	10	45	.1	9	8	317	.95	2	5	ND	1	21	.5	2	2	22	.48	.021	12	21	.26	59	.07	2	1.19	.01	.02	1	3
L1+00N 2+80W	1	10	6	68	.1	9	5	297	2.66	4	5	ND	1	9	.3	2	2	49	.12	.062	5	26	.22	35	.14	2	1.15	.01	.02	1	4
L1+00N 2+40W	1	13	5	37	.1	13	4	104	1.36	2	5	ND	2	10	.4	2	2	32	.13	.014	9	20	.28	29	.13	2	1.19	.01	.03	2	3
L1+00N 2+00W	1	3	6	17	.1	3	1	52	.62	3	5	ND	1	10	.2	2	2	22	.10	.008	6	8	.07	16	.08	2	.49	.01	.01	1	4
L1+00N 1+60W	1	6	6	24	.1	8	2	85	1.10	2	5	ND	2	10	.7	2	3	27	.11	.011	8	15	.12	37	.09	2	.78	.01	.02	1	5
L1+00N 1+20W	1	29	10	1246	.1	22	8	247	1.80	3	5	ND	1	18	2.2	2	2	29	.64	.023	12	26	.20	61	.09	2	2.58	.01	.02	1	4
L1+00N 0+80W	1	2	4	19	.1	1	1	23	.20	2	5	ND	2	4	.2	2	2	8	.04	.004	12	5	.01	9	.03	2	.19	.03	.01	1	13
L1+00N 0+40W	1	13	4	38	.1	17	6	141	2.04	4	5	ND	1	10	.2	2	2	34	.14	.034	4	34	.33	23	.10	2	1.72	.02	.02	1	4
L1+00N 0+00W	1	11	10	55	.1	13	3	137	1.06	4	5	ND	1	12	.6	2	2	29	.21	.019	6	21	.27	29	.09	2	.68	.01	.02	1	5
L1+00S 4+00W	1	5	8	27	.1	7	2	76	.71	2	5	ND	2	11	.2	2	2	19	.13	.013	9	12	.13	24	.08	2	.58	.01	.02	1	3
L1+00S 3+60W	1	54	11	72	.3	29	6	391	1.48	2	5	ND	1	16	.8	2	3	23	.54	.044	13	23	.26	99	.06	3	2.23	.01	.04	1	2
L1+00S 3+20W	1	7	2	28	.1	7	3	139	.76	2	5	ND	2	11	.3	2	2	17	.16	.010	11	14	.14	35	.07	2	.95	.01	.02	1	3
L1+00S 2+80W	1	8	6	50	.2	11	4	155	1.56	2	5	ND	2	11	.3	2	2	30	.14	.037	8	22	.19	35	.09	2	1.40	.01	.03	1	4
L1+00S 2+40W	1	6	9	26	.1	8	2	75	1.86	4	5	ND	2	9	.3	2	3	42	.10	.021	11	20	.12	28	.11	2	1.01	.01	.03	1	12
L1+00S 2+00W	1	8	6	39	.1	13	4	156	2.11	2	5	ND	1	10	.6	2	3	37	.14	.084	6	24	.20	41	.11	4	1.31	.01	.03	1	5
L1+00S 1+60W	1	13	7	35	.1	14	4	150	1.12	5	5	ND	1	12	.5	2	2	25	.21	.020	6	21	.26	37	.09	3	.82	.01	.03	1	4
L1+00S 1+20W	1	19	13	38	.1	21	6	165	1.69	2	5	ND	2	14	.3	2	3	31	.22	.033	9	36	.36	56	.11	2	1.17	.01	.04	1	6
L1+00S 0+80W	1	8	9	69	.1	18	5	433	1.35	2	5	ND	1	10	.6	2	2	25	.18	.040	14	31	.43	62	.03	2	1.06	.01	.03	1	2
L1+00S 0+40W	1	14	14	89	.2	23	6	299	1.87	4	5	ND	2	15	.7	2	2	30	.25	.089	11	36	.39	58	.10	3	1.71	.01	.06	1	15
L1+00S 0+00W	1	6	10	67	.1	12	4	145	1.59	3	5	ND	2	13	.6	2	3	29	.16	.048	10	23	.20	46	.10	2	1.28	.01	.04	1	3
L0+00 4+00W	1	9	11	42	.1	14	4	123	1.79	2	5	ND	2	9	.6	2	2	36	.12	.029	7	20	.14	33	.09	2	1.76	.01	.02	1	4
L0+00 3+60W	1	14	36	37	.1	6	1	61	.40	3	5	ND	1	13	.3	2	2	11	.15	.023	7	6	.04	62	.03	4	.38	.01	.03	1	4
L0+00 3+20W	1	7	6	39	.2	14	4	158	1.93	2	5	ND	3	10	.4	2	3	38	.13	.017	8	22	.16	48	.13	2	1.77	.01	.03	1	1
L0+00 2+80W	1	9	9	50	.2	11	5	186	3.51	3	5	ND	2	9	.9	2	2	65	.13	.073	8	31	.22	42	.17	3	1.78	.01	.04	1	4
L0+00 2+40W	1	5	4	45	.1	9	4	242	1.81	2	5	ND	2	10	.5	2	2	38	.12	.035	7	19	.14	40	.11	2	1.32	.01	.02	1	4
L0+00 2+00W	1	8	10	44	.1	9	3	376	1.53	4	5	ND	1	11	.2	2	3	39	.13	.026	6	17	.14	39	.11	2	.84	.01	.02	2	5
L0+00 1+60W	1	14	5	55	.3	16	6	228	2.55	3	5	ND	1	10	.6	2	2	46	.14	.074	6	33	.23	42	.13	2	2.21	.01	.02	1	4
L0+00 1+60W A	1	7	6	25	.2	11	3	96	1.61	2	5	ND	1	9	.6	2	3	34	.11	.021	5	22	.13	23	.10	4	1.23	.01	.02	1	8
L0+00 1+20W	1	4	7	20	.1	4	2	100	1.08	2	5	ND	3	10	.6	2	2	30	.12	.009	9	12	.11	20	.10	4	.69	.01	.02	1	3
L0+00 0+80W	1	5	10	18	.1	6	1	54	1.65	2	5	ND	2	6	.5	2	4	38	.06	.023	8	17	.06	20	.07	3	1.54	.01	.01	1	1
L0+00 0+40W	1	5	8	36	.1	5	2	59	.94	2	5	ND	2	9	.3	3	2	27	.11	.016	10	10	.10	25	.09	2	.68	.01	.02	1	7
L0+00 0+00W	1	3	6	20	.1	3	1	43	.58	2	5	ND	1	7	.2	2	2	19	.08	.010	9	8	.05	13	.04	2	.53	.01	.01	1	1
STANDARD C/AU-S	18	57	37	129	7.0	68	28	1027	3.57	37	18	7	36	48	17.9	16	19	55	.49	.090	35	56	.84	172	.08	34	1.77	.06	.14	11	49

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
BL 2+00W 1+80N	1	6	11	36	.1	12	4	136	1.18	2	5	ND	2	16	.2	2	2	25	.27	.011	7	22	.35	49	.11	3	.98	.01	.02	[redacted]	12
BL 2+00W 1+40N	1	2	2	34	.1	2	2	229	.89	2	5	ND	2	8	.2	2	2	18	.11	.015	8	11	.07	22	.05	4	.50	.01	.02	1	210
BL 2+00W 0+80N	1	9	7	53	.2	10	5	78	2.29	2	5	ND	3	8	.3	2	2	32	.11	.039	7	27	.19	36	.10	2	1.95	.02	.03	1	5
BL 2+00W 0+40N	1	29	13	31	.2	11	4	89	1.61	2	5	ND	2	10	.2	2	2	28	.14	.022	7	25	.29	20	.10	2	1.57	.01	.01	1	7
BL 2+00W 0+40S	1	1	3	10	.1	1	1	38	.41	2	5	ND	1	10	.2	2	2	13	.13	.006	7	10	.06	13	.08	5	.31	.01	.01	1	1
BL 2+00W 0+80S	1	6	8	36	.1	6	5	1511	1.05	3	5	ND	1	11	.4	2	3	21	.16	.020	6	17	.12	54	.06	8	.58	.01	.02	1	4

SOIL SAMPLING BL 4+60S Grid (GD Grid)

Sta	depth	horizon	remarks
LINE 7+50E			
3+60 S	25cm	B1	dry sandy till
3+80S	"	"	"
4+00 S	"	"	"
4+20 S	"	"	wet clayey
4+40 S	"	"	"
4+80 S	"	"	Brown sandy till
5+00 S	"	"	"
5+20 S	"	"	"
5+40 S	"	"	"
LINE 7+00E			
3+40 S	25cm	B1	pebbly, in rocky area
3+60 S	20	"	"
3+80 S	25	"	dry sandy till
4+00 S	"	"	"
4+20 S	"	"	"
4+40 S	"	"	wet sandy till
4+60 S	"	"	dry sandy till
4+80 S	"	"	Lt brown sandy till
5+00 S	"	"	"
5+20 S	"	"	"
LINE 6+50E			
2+00 S	25	B1	lt brown sandy till
2+20 S	"	"	"
2+40 S	"	"	"
2+60 S	"	"	pebbly till
		------	POND-----
3+80 S	20	B1	wet
4+00 S	25	"	dry sandy till
4+20 S	"	"	"
4+40 S	"	"	"
4+60 S	"	"	"
4+80 S	"	"	"
5+00 S	"	"	Pebbly till
5+20 S	"	"	"
LINE 6+00E			
2+00 S	25	B1	dk brown sandy till
2+20 S	"	"	"
2+40 S	"	"	"
2+60 S	"	"	pebbly till
			POND------
3+60 S	"	"	dk brown sandy till
3+80 S	"	"	"
4+00 S	"	"	"
4+20 S	"	"	"
4+40 S	"	"	"
4+60 S	"	"	"
4+80 S	"	"	"
5+00 S	"	"	"
5+20 S	"	"	black dry mud

GD Grid

LINE 5+50E sta	depth	horizon	remarks
2+00S	25	B1	dk brn sandy till
2+20S	"	"	"
2+40S	"	"	gravelly
2+60S	"	"	pebbly till
			------Pond------
3+40S	25	B1	lt brn sandy till
3+60S	"	"	grey pebbly till
3+80S	"	"	till in boulders
4+00S	"	"	brn sandy till
4+20S	"	"	clay & pebbly till
4+40S	"	"	Brn wet till
4+60S	"	"	"
4+80S	"	"	"
5+00S	"	"	"
5+20S	"	"	"
5+40S	"	"	"
LINE 5+00E			
2+00s	25	B1	lt brn sandy till
2+20S	"	"	"
2+40S	"	"	pebbly till
2+60S	"	"	"
			----pond-----
3+20S	"	"	black, muddy near creek
3+40S	20	Ao	"
3+60S	25	B1	Sandy beneath mud
3+80S	"	"	lt brn sandy till
4+00S	"	"	"
4+20S	"	"	"
4+40S	"	"	"
4+60S	"	"	"
4+80S	"	"	"
5+00S	"	"	"
5+20S	"	"	"
5+40S	"	"	"
LINE 4+50E			
2+20S	"	"	lt brn sandy till
2+40S	"	"	"
2+60S	"	"	"
2+80S	"	"	"
3+00S	"	"	"
			-----pond----
3+20S	20	Ao	black mud creek
3+40S	"	"	"
3+60S	"	"	"
3+80S	25	BI	pebbly till
4+00S	"	"	"
4+20S	"	"	brn sandy till
4+40S	"	"	"
4+60S	"	"	"
4+80S	"	"	"
5+00S	"	"	"
5+20S	"	"	"

GD Grid

LINE 4+00E

sta	depth	horizon	remarks
3+00S	25cm	B1	Brn Sandy till
3+20S	"	"	pebbly till in rocks
3+40S	"	"	black muddy near creek
3+60S	20	Ao	Black humus, creek
3+80S	25	B1	brn sandy till
4+00S	"	"	"
4+20S	"	"	"
4+40S	"	"	"
4+60S	"	"	"
4+80S	"	"	till in boulders
5+00S	"	"	"
5+20S	"	"	Brn sandy till
5+40S	"	"	"
5+60S	"	"	"
LINE 3+50E			
2+60S	"	"	brn sandy till
2+80S	"	"	"
3+00S	"	"	"
3+20S	"	"	"
3+40S	"	"	"
3+60S	"	"	black in creek bottom
3+80S	"	"	"
4+00S	"	"	brn sandy till
4+20S	"	"	"
4+40S	"	"	"
4+60S	"	"	"
4+80S	"	"	"
5+00S	"	"	"
5_20 S	"	"	"
LINE 3+00E			
2+60S	"	"	reddish brn till
2+80S	"	"	"
3+00S	"	"	"
3+20S	"	"	"
3+40S	"	"	"
3+60S	"	"	loamy sand
3+80S	"	"	black mud
4+00S	"	"	"
4+20S	"	"	"
4+40S	"	"	brn sandy till
4+60S	"	"	bebbly till
4+80S	"	"	"
5+00S	"	"	"
5+20S	"	"	brn sandy till

GD Grid

LINE 2+50E

sta	depth	horizon	remarks
2+60S	25	B1	clayey till
2+80S	"	"	pebbly till
3+00S	"	"	black humus
3+20S	"	"	dark pebbly till
3+40S	"	"	"
3+60S	"	"	"
3+80S	"	"	"
4+00S	"	"	black clayey till
4+20S	"	"	"
4+60S	"	"	brn sandy till
4+80S	"	"	"
5+00S	"	"	"
5+20S	"	"	"
5+40S	"	"	"
5+60S	"	"	clayey till
5+80S	"	"	brn till

LINE 2+00E

3+40S	"	"	brn sandy till
3+60S	"	"	"
3+80S	"	"	pebbly till
4+00S	"	"	black humus
4+20S	"	"	Humus & till
4+40S	"	"	"
4+60S	"	"	clayey (near creek)
4+80S	" "	"	Brn sandy till
5+00S	"	"	"
5+20S	"	"	"
5+40S	"	"	"
5+60S	"	"	"
5+80S	"	"	"
6+00S	"	"	"

LINE 1+50E

3+40S	25	B1	greyish till
3+60S	"	"	brn sandy till
3+80S	"	"	"
4+00S	"	"	"
4+20S	"	"	"
4+40S	"	"	pebbly till in boulders
4+60S	"	"(Ao) ?	black (creek bottom)
4+80S	"	"	"
5+00S	N/S		
5+20S	25	B1	brn sandy till
5+40S	"	"	"
5+60S	"	"	"
5+80S	"	"	"
6+00S	"	"	dark,clayey

BELL-WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107
POJ 1KO FAX: (705) 672-5843

Certificate of Analysis

NO. 0346 DATE: May 24, 1990

SAMPLE(S) OF: Soil (198) RECEIVED: May 1990

SAMPLE(S) FROM: Mr. Garry Dunn GD GRID Soils

Sample #	Au ppb	Sample #	Au ppb
1+50E3+40S	6	5+40S	4
60S	8	5+60S	10
1+50S3+80S	8	5+80S	12
4S	8	2+50E5+00S	4
1+50E4+20S	10	5+20S	2
4+40S	18	5+40S	8
4+60S	8	5+60S	6
4+80S	10	5+80S	92
5+20S	8	L2E6S	14
5+40S	12	L2+50E35	4
5+60S	8	L3E2+40S	12
5+80S	2	2+60S	4
6S	4	2+80S	4
1+00E6+00S	10	3S	10
2+50E2+60S	8	3+20S	4
2+80S	6	3+40S	12
L2E3+40S	8	3+60S	40
3+60S	6	3+80S	20
3+80S	8	4S	12
2+50E3+20S	10	4+20S	22
3+40S	6	4+40S	16
3+60S	8	4+60S	30
3+80S	6	4+80S	4
L2E4+00S	20	5S	8
4+20S	6	5+20S	18
4+40S	8	5+60S	4
4+60S	2	3+50E2+60S	6
4+80S	12	2+80S	2
L2+50E4S	6	3+00S	6
4+20S	12	3+50E3+20S	16
4+60S	10	3+40S	12
4+20S	10	3+60S	26
L2+5E4+80S	16	3+80S	22
L2E5S	4	4S	18
5+20S	14	4+20S	24

NOTE: The last 14 samples are rock.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER

BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107
POJ 1KO FAX: (705) 672-5843

Certificate of Analysis

NO. 0346 DATE: May 24, 1990

SAMPLE(S) OF: Soil (198) RECEIVED: May 1990

SAMPLE(S) FROM: Mr. Garry Dunn GD Grid Soils

Sample #	Au ppb	Sample #	Au ppb
4+40S	8	5+20S	8
4+60S	26	L5E2+00S	6
4+80S	32	2+20S	4
5+00S	20	2+40S	12
L4E2+60S	14	2+60S	2
2+80S	16	3+20S	20
3S	20	3+40S	8
3+20S	18	3+60S	32
3+40S	22	3+80S	8
3+60S	18	4S	2
3+80S	24	4+20S	10
4S	18	4+40S	18
4+20S	20	4+60S	2
4+40S	30	4+80S	2
4+60S	22	5+00S	8
4+80S	20	5+20S	4
5S	28	5+40S	10
5+20S	22	5+50E2+00S	6
5+40S	26	2+20S	50
5+60S	14	2+40S	126
4+50E2+20S	18	2+60S	14
2+40S	10	3+40S	6
2+60S	8	3+60S	14
2+80S	6	5+50E3+80S	2
3+00S	8	4+00S	20
3+20S	4	4+20S	14
4+50E3+40S	16	4+40S	16
3+60S	4	4+60S	10
3+80S	6	4+80S	6
4+00S	4	5+00S	2
4+20S	2	5+20S	10
4+40S	10	5+40S	20
4+60S	16	L6ETRENCH	10
4+80S	2	2S	4
5+00S	4	2+20S	8

NOTE: The last 14 samples are rock.

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER _____

BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107
POJ 1KO FAX: (705) 672-5843

Certificate of Analysis

NO. 0346 DATE: May 24, 1990

SAMPLE(S) OF: Soil (198) RECEIVED: May 1990

SAMPLE(S) FROM: Mr. Garry Dunn

GD Grid Soils and Rocks

Sample #	Au ppb	Sample #	Au ppb
2+40S	6	3+80S	12
2+60S	24	4+00S	4
3+60S	10	4+20S	16
3+80S	10	4+40S	22
4+00S	8	4+60S	28
4+20S	16	4+80S	10
4+40S	30	5+00S	20
4+60S	4	5+20S	28
4+80S	6	5+40S	16
5+00S	16	7020	207
5+20S	12	21	228
5+40S	28	22	17
6+50E2+00S	18	23	170
2+20S	16	24	17
2+40S	22	25	21
2+60S	18	26	347
3+80S	6	27	19
4+00S	32	28A	160
4+20S	2	28B	148
4+40S	2	29	21
6+50E4+60S	20	7030	230
4+80S	12	31	18
5+00S	16	32	52
5+20S	12		
L7+00BL	8		
7+00E3+40S	22		
3+60S	18		
3+80S	6		
4+00S	14		
4+20S	2		
4+40S	16		
4+80S	12		
5+00S	14		
5+50S	16		
7+50E3+60S	20		

NOTE: The last 14 samples are rock.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER _____

GD Zone ICP Rocks

ECO-TECH LABORATORIES LTD.
Box 767
Creighton, SK

Garry Dunn
Box 995
La Ronge, SK
S0J 1L0

ETL 90 - 5545

8 Rock Samples, received June 6, 1990
All Values in PPM unless otherwise reported

ETL	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
5545-1	7033 Pit/ust	<0.2	0.27	56	< 2	577	< 5	10.92	< 1	12	71	254	4.93	0.03	< 10	3.97	3670	34	<.01	118	199	< 2	< 5	< 20	< 1	<.01	< 10	9	< 10	2	34
5545-2	7034 s/s GD Zone	1.1	0.86	71	< 2	< 5	< 5	7.27	< 1	11	185	289	1.68	<.01	< 10	0.62	1782	8	<.01	33	82	< 2	< 5	< 20	< 1	<.01	< 10	11	< 10	< 1	74
5545-3	7035	<0.2	3.22	100	< 2	24	< 5	3.11	< 1	36	64	99	8.80	0.06	< 10	1.41	1470	4	<.01	17	322	< 2	< 5	< 20	< 1	0.10	< 10	135	< 10	6	47
5545-4	7036	4.1	1.77	234	< 2	13	< 5	0.14	< 1	30	205	1343	4.18	<.01	< 10	1.27	461	3	0.06	174	445	5	< 5	< 20	9	<.01	< 10	28	< 10	< 1	182
5545-5	7037	0.7	0.80	41	< 2	< 5	< 5	6.93	< 1	11	133	76	1.39	0.07	< 10	0.65	568	8	<.01	9	196	< 2	< 5	< 20	9	<.01	< 10	6	< 10	< 1	22
5545-6	7038 GD Zone	2.1	1.00	120	< 2	< 5	< 5	8.49	< 1	14	145	352	2.27	<.01	< 10	0.78	1950	7	<.01	28	119	< 2	< 5	< 20	< 1	<.01	< 10	12	< 10	< 1	89
5545-7	7039	0.2	2.84	79	< 2	< 5	< 5	2.36	< 1	< 29	171	804	4.07	0.02	< 10	2.55	877	3	<.01	63	255	< 2	< 5	< 20	< 1	0.02	< 10	24	< 10	< 1	49
5545-8	7040	7.0	0.97	203	< 2	< 5	< 5	0.12	< 1	28	166	7102	3.88	<.01	< 10	0.68	321	4	0.05	119	967	25	< 5	< 20	7	<.01	< 10	< 1	< 10	< 1	103

NOTE: < Less Than

ECO-TECH LABORATORIES LTD.
Clinton Ayers
Chief Assayer

CA/lg

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

502 Coronation Drive, P.O. Box 767, Creighton, Saskatchewan S0P 0A0 (306) 688-7164 Fax 688-2940

June 7, 1990

CERTIFICATE OF ANALYSIS ETL # 90-5545

CLIENT: Mr. Garry Dunn
Box 995
La Ronge, SK
S0J 1L0

ATTENTION: Mr. Garry Dunn

SAMPLE IDENTIFICATION: 8 Rock Samples, received June 6, 1990

ETL #	Description	Au (ppb)	
5545 - 1	7033 Sh #1 Post 1047803	30	
2	7034 E/S pit 6D Zone. QV	190	
3	7035 N claim Boundary - Tubhole	5	
5545 - 4	7036 Shear-E-End 6D zone	180	
5	7037 Grey's claim SE Pond 000 Pits	570	.015
6	7038 4' wide shear. 6D zone	175	
5545 - 7	7039 E claim Boundary Tubhole	30	
8	7040 Shear E/S pit 6D Zone.	245	

ECO-TECH LABORATORIES LTD.
Clinton Ayers
Chief Assayer

A/lg

BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107
POJ 1KO FAX: (705) 672-5843

Certificate of Analysis

NO. 0339

DATE: May 23, 1990

MPLE(S) OF: Rock (14)

RECEIVED: May 1990

MPLE(S) FROM:
Mr. Barry Dunn

Sample #	Oz. Gold	Cu ppm	Ag ppm
7008	Trace		
7010	0.002	600	
7011	0.002	580	
7012	Trace	196	
7013	Trace		
7014	Trace	400	
7015	0.014	100	
7016	Trace		
7017	0.012	38	
7018	Trace		3.2
F1501	0.008	380	
F1502	0.002	4000	
F1503	0.012	760	
F1504	0.022	400	

CCORDANCE WITH LONG-ESTABLISHED NORTH PICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED RWISE GOLD AND SILVER VALUES REPORTED ON SHEETS HAVE NOT BEEN ADJUSTED TO COMPEN OR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS

BELL-WHITE ANALYTICAL LABORATORIES LTD.

Per Cheryl Brack

July 24
Aug 23

2 13431

Ministry of Northern Development and Mines
Ontario

DOCUMENT No.
W9008•174

41P09NE0016 2.13431 BRYCE

900

Report of Work
Mining Act (Expenditures, Subsection 77(19))

Type of Work Performed	Mining Division	Township or Area
ASSAYS	LARDER LAKE	TUD HOPE

Recorded Holder	Prospector's Licence No.
GARY CLAYTON DUNN	K21627

Address	Telephone No.
BOX 995 LA RONGE SASK. S0JILO	(306) 425 3626

Work Performed By: BELL WHITE LAB and ECO-TECH LAB.

Name and Address of Author (of Submission): G. DUNN

Date When Work was Performed — From: 20 Day | 05 Mo. | 90 Yr. — To: 06 Day | 06 Mo. | 90 Yr.

All the work was performed on Mining Claim(s): Indicate no. of days performed on each claim. *See Note No. 1 on reverse side

Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days
1134107	11.78										

Instructions
Total days credits may be distributed at claim holder's choice. Enter number of days credits per claim in the expenditure days credit column (below).

Calculation of Expenditure Days Credits: Total Expenditures $ 176.75 ÷ 15 = Total Days Credits 11.78

Total Number of Mining Claims Covered by this Report of Work:

Mining Claims (List in numerical sequence). If space is insufficient, attach schedules with required information

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
L	1134107	11.78									

RECEIVED
JUL 17 1990
MINING LANDS SECTION

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES
OFFICE
OCT 01 1990
RECEIVED

Total Number of Days Performed	Total Number of Days Claimed	Total Number of Days to be Claimed at a Future Date
11.78	11.78	

Certification of Beneficial Interest *See Note No. 2 on reverse side

I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder. Date: June 18/90 Recorded Holder or Agent (Signature):

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Address of Person Certifying: RODNEY SPOONER Box 430 LA RONGE SASK. S0JILO Telephone No. (306) 425 2888 Date: June 18/90 Certified by (Signature):

Received Stamp:
RECEIVED
LARDER LAKE
MINING DIVISION
JUN 25 1990
TIME 10:04am

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
11.78	June 25/90	M. G. Wenn
	Date Approved as Recorded	Provincial Manager, Mining Lands
	Sept 7/90	Tom C Gashinski

M.L.

Ministry of Northern Development and Mines

Ontario

DOCUMENT No. W9008.178

Instructions
- Please type or print.
- Refer to Subsection 77(19), the Mining Act for assessment work requirements and maximum credits allowed under this Subsection
- Technical Reports, maps and proof of expenditures in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch.

Report of Work
Mining Act (Expenditures, Subsection 77(19))

Type of Work Performed	Mining Division	Township or Area
ASSAYS.	CASEY LAKE	BAYLEY

Recorded Holder	Prospector's Licence No.
RODNEY SPOONER	S 35032

Address	Telephone No.
Box 450 LA RONGE SASK.	(306) 425-2828

Work Performed By: BELL WHITE LAB and ECO-TECH LAB and ACME LAB.

Name and Address of Author (of Submission)	Date When Work was Performed From: (Day / Mo. / Yr.)	To: (Day / Mo. / Yr.)
RODNEY SPOONER Box 450 LA RONGE SASK. S0JIL0	20 / 05 / 90	06 / 06 / 90

All the work was performed on Mining Claim(s): Indicate no. of days performed on each claim. *See Note No. 1 on reverse side

Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days
1012961 1012962 1012971	50			1047203	26.0	1046165 1046166	105	1012972	70		

Instructions
Total days credits may be distributed at claim holder's choice. Enter number of days credits per claim in the expenditure days credit column (below).

Calculation of Expenditure Days Credits: Total Expenditures $ 3777.00 ÷ 15 = Total Days Credits 251

Total Number of Mining Claims Covered by this Report of Work: 7

Mining Claims (List in numerical sequence). If space is insufficient, attach schedules with required information

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
L	1012961	40									
L	1012972	40									
L	1047203	40									
L	1012974	40									
L	1012971	40									
L	1012962	20									
L	1046165	31									

RECEIVED
JUL 24 1990
MINING LANDS SECTION

Total Number of Days Performed	Total Number of Days Claimed	Total Number of Days to be Claimed at a Future Date
251	251	

Certification of Beneficial Interest *See Note No. 2 on reverse side

I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.

Date: June 18/90 — Recorded Holder or Agent (Signature):

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Address of Person Certifying: GARY DUNN Box 995 LA RONGE SASK. S0JIL0

Telephone No. (306) 425-3626 — Date: June 18/90 — Certified By (Signature):

Received Stamp

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
251	June 25/90	J. Bottrell
	Date Approved as Recorded: Sept 7/90	Provincial Manager, Mining Lands: Ron C Gashinski

878 (89/06)

highrock contracting ltd.

Ministry of Northern Development and Mines
880 Bay St. Third Floor
Toronto, Ont. M5S 1Z8
Larry Stoliker

Our File: bry.

July 17/90

Dear Mr. Stoliker,

Please find enclosed two copies of my report covering a recent exploration programme carried out on a group of claims in Bryce Township, Ont. The work was done largely with funding given under the Prospectors' Assistance Programme to Mr. Gary Dunn, Mr. Greg Dunn, and myself.

The Assessment Expenditure reports have already been submitted to the Kirkland Lake Mining Recorder's Office.

A separate copy of this report is being forwarded to the OPAP Incentives Office, in compliance with their rules.

Thank you.

Yours Truly,

Rodney H. Spooner

P.O. BOX 450, LaRONGE, SASKATCHEWAN S0J 1L0 • TELEPHONE (306) 425-2828 • FAX (306) 425-4110

TOWNSHIP SE
TO
FORESTRY OPERATIONS

geology reference-COBALT
RESIDENT GEO.

ROBILLARD TWP M - 579

TUDHOPE TWP. M -252

VI

V

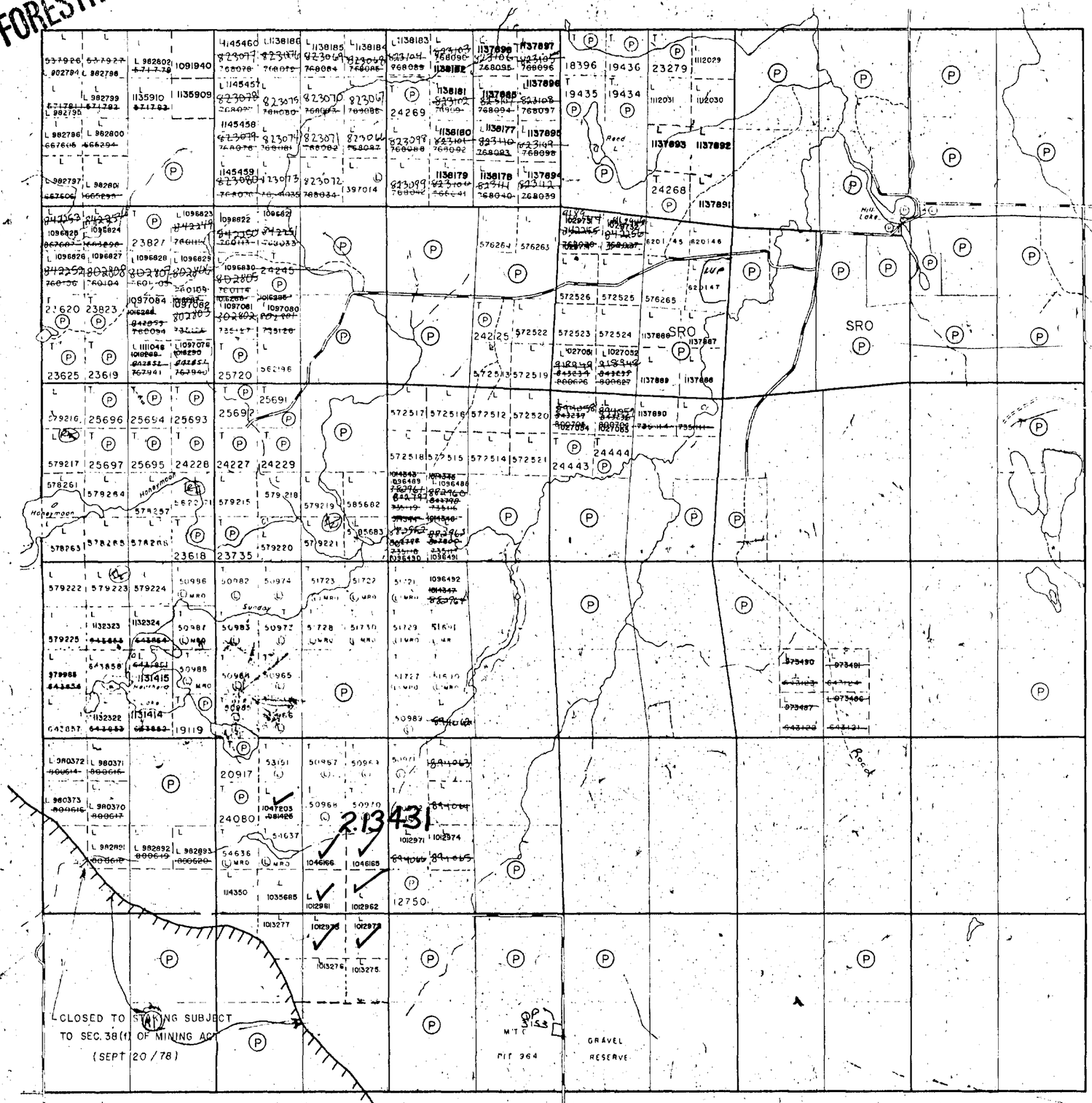
IV

III

II

I

BEAUCHAMP TWP. M-412



12 11 10 9 8 7 6 5 4 3 2 1

CANE TWP. M-211

THE TOWNSHIP
OF

BRYCE

DISTRICT OF
TIMISKAMING

LARDER LAKE
MINING DIVISION

SCALE 1 INCH 40 CHAINS

LEGEND

PATENTED LAND	● or (P)
CROWN LAND SALE	C.S.
LEASES	(L)
LOCATED LAND	T. LOC.
LICENSE OF OCCUPATION	L.O.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
ROADS	
IMPROVED ROADS	
KING'S HIGHWAYS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	
CANCELLED	
PATENTED S.R.O.	

NOTES

400' surface rights reservation along the shores of all lakes and rivers.

Areas withdrawn from staking under Section 43 of the Mining Act (R.S.O. 1980)

	File	Date	Disposition

(R1) Surface and Mining Rights Withdrawn from Staking; section 36/80 order No. W 65/83

(R2) Surface and Mining Rights Withdrawn from Staking, section 36/80 order No. W 18/86

SURFACE AND MINING OPEN FOR STAKING SECTION 36/80 APRIL 14/1990 ORDER O-L9-90 NER

NOTICE OF FORESTRY ACTIVITY

THIS TOWNSHIP / AREA FALLS WITHIN THE _____ TIMISKAMING MANAGEMENT UNIT AND MAY BE SUBJECT TO FORESTRY OPERATIONS. THE MNR UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT: P.O. BOX 129
SWASTIKA, ONT.
P0K 1T0
705-642-3222

PLAN NO. M-282 #28

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES; AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

RESIDENT GEO.

TRUAX TWP M.251

JAMES TWP M.225

BRYCE TWP M.282

BARBER TWP M.208

"THIS MAP SHOWS THE APPROXIMATE LOCATION OF THE BOUNDARIES OF THE AREA WHICH IS THE SUBJECT OF CURRENT LITIGATION. THE EXACT

NOTES

400' surface rights reservation along the shores of all lakes and rivers.

Part of Township closed to staking effective May 8, 1978, Sec. 38(f) of The Mining Act.

(R) Surface and Mining Rights on all Crown Land in this township Withdrawn from prospecting, staking out, sale or lease Section 36 R.S.O. 1980, The Mining Act. Order NRW 14/82 effective October 21, 1982 at 1:42 pm.

*** Part of order NRW 14/82 RE-OPENED by order O-ML01-90 NER effective April 3, 1990 at 7:00 AM E.S.T.

(R1) Surface and Mining Rights Withdrawn from staking section 36 of the Mining Act R.S.O. 1980. Order W-L2-90 NER effective on April 3,1990 at 7:01 E.S.T.

LEGEND

- PATENTED LAND — (P) or ●*
- PATENTED FOR SURFACE RIGHTS ONLY — ◒*
- LEASE — (L)
- LICENSE OF OCCUPATION — L.O.
- CROWN LAND SALES — C.S.
- LOCATED LAND — Loc.
- CANCELLED — C.
- MINING RIGHTS ONLY — M.R.O.
- SURFACE RIGHTS ONLY — S.R.O.
- HIGHWAY & ROUTE NO. — (17)
- ROADS
- TRAILS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES

*used only with summer resort locations or when space is limited

TOWNSHIP OF

TUDHOPE

DISTRICT OF TIMISKAMING

LARDER LAKE MINING DIVISION

SCALE : 1 INCH 40 CHAINS (1/2 MILE)

DR. JBK

DATE May '72

PLAN NO. M. 252

ONTARIO #10

MINISTRY OF NATURAL RESOURCES

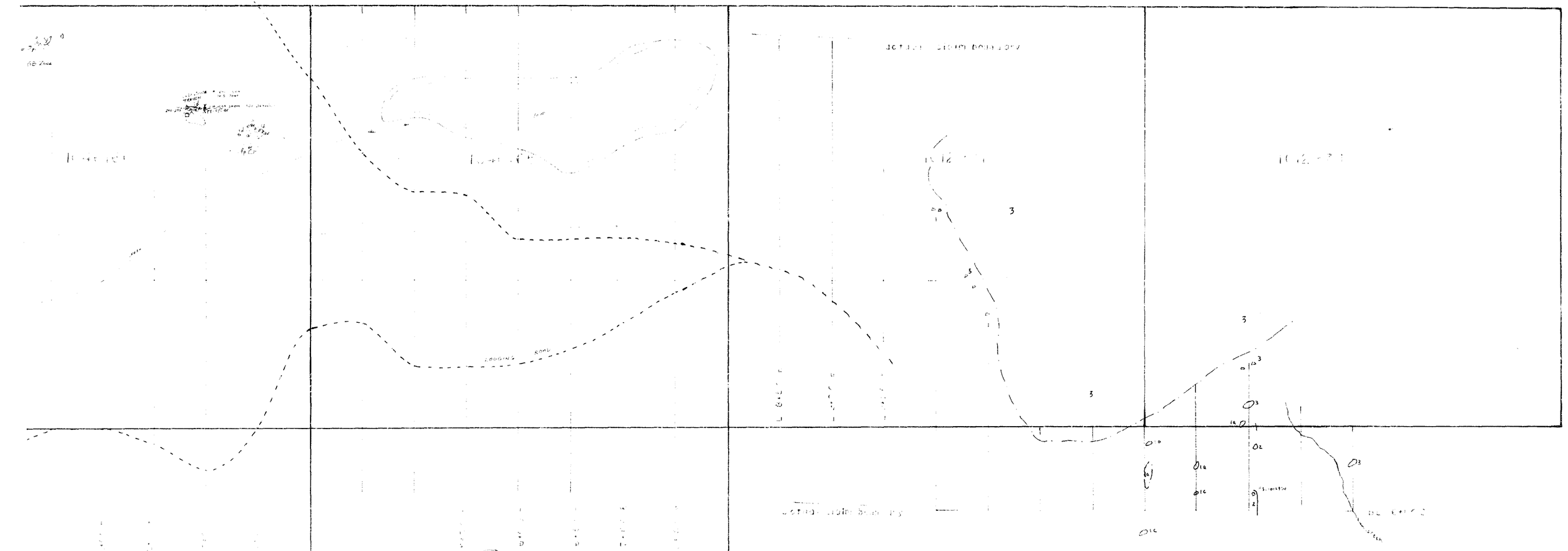
SURVEYS AND MAPPING BRANCH

DATE OF ISSUE APR 80 LARDER MINING RECO

41P09NE0016 2.13431 BRYCE

210

N



LEGEND

1 undivided felsic pyroclastics
matrix usually fine to very fine grained, grey to dark grey, often poorly sorted, fragments highly variable in size, but range is usually consistent within outcrops, usually angular and tuffaceous, but large bombs noted; heterolithic, mostly matrix supported; minor feldspar porphyry (fp) infrequent rhyolitic flows, more common mafic flows.

1a coarse pyroclastic rocks, fragments ovoid to sub round, characteristic pitted outcrop surfaces, some variations, clast-supported, massive, clast size commonly 3-5 cm

1b rhyolite flow, aphanitic, cream-coloured and knobby weathered surface, usually scattered small rusty patches.

1c mafic flow, very fine grained to aphanitic, dark grey to greenish, massive.

1d carbonatized tuffs, usually sheared and schistose.

1e mafic tuffs, fine grained, black, often chloritic, slotted or spotted appearance

2 cobalt group metasediments: conglomerates matrix very fine grained, dark grey, occasionally gritty, cobbles range from tiny (3 mm) angular jasper fragments to large (20-30 cm) granitoid boulders.

3 nipissing diabase: medium-grained, holocrystalline, black with poorly developed feldspar laths; contact zone usually finer grained, massive; little or no veining or alteration noted.

shear, usually develops flaggy or schistose rocks

contact (defined - assumed)

outcrop, outcrop area containing up to 90% outcrop

strike/dip of foliation, inclined, vertical

quartz - quartz carbonate vein/dip

stripped area

trench

1540-22 rock sample location and gold content in ppb

2.13431

GEOLOGICAL MAPPING and SAMPLING

WORK BY:
HIGHROCK CONTRACTING LTD.

Compiled by R SPOONER / /
Drafted by: JD 26 06 90
N.T.S. 41P 9 SCALE 1:2,000
Disposition(s):

Dwg. No.

N

actual claim boundary

1046166

1046165

1012971

1012974

actual claim boundary

BL 6+80S

L 0+50E
L 1+00E
L 1+50E
L 2+00E
L 2+50E
L 3+00E
L 3+50E
L 4+00E
L 4+50E
L 5+00E
L 5+50E
L 6+00E
L 6+50E
L 7+00E
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L 8+50E
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L 11+00E
L 11+50E
L 12+00E
L 12+50E
L 13+00E
L 13+50E
L 14+00E

1012961

1012962

1012973

1012972

1013270

1013275

BL 0+00

1+00N
1+40N
2+00N
2+40N
3+00N
4+00N
4+35N

(4+90S)
(6+00S)
(6+70E)

2.13431

BRYCE TOWNSHIP

SOIL SAMPLING RESULTS
AU ppb

WORK BY:
HIGHROCK CONTRACTING LTD.

Compiled by: RS	/ /	Dwg. No.
Drafted by: GD	/ /	
N.T.S.: 41-P-9	SCALE 1:2,000	
Disposition(s):		

N

1046166

1046165

1012971

1012974

actual claim boundary

actual claim boundary

L 6+50 E

L 6+00 E

L 5+50 E

BL 6+80 S

L 10+00 E

L 10+50 E

L 11+00 E

L 11+50 E

L 12+00 E

L 12+50 E

L 13+00 E

L 13+50 E

L 14+00 E

L 0+50 E

L 1+00 E

L 1+50 E

L 2+00 E

L 2+50 E

L 3+00 E

L 3+50 E

L 4+00 E

L 4+50 E

L 5+00 E

L 5+50 E

L 6+00 E

L 6+50 E

L 7+00 E

L 7+50 E

1012961

1012962

4+35 N

4+00 N

3+00 N

2+00 N

1+00 N

1+40 N

2+40 N

BL 0+00

1012973

1012972

(4+90 S)

(3+00 S)

(6+70 E)

L 5+00 E

L 5+50 E

L 6+00 E

L 6+50 E

L 0+00 E

L 1+00 E

L 1+50 E

L 2+00 E

L 2+50 E

L 3+00 E

L 3+50 E

L 4+00 E

L 4+50 E

1013270

1013275

+20

+10

0

-10

-20

DIP

QUADRATURE

Tx : CUTLER MAINE

2.13431

BRYCE TOWNSHIP

VLF EM SURVEYS

WORK BY:
HIGHROCK CONTRACTING LTD.

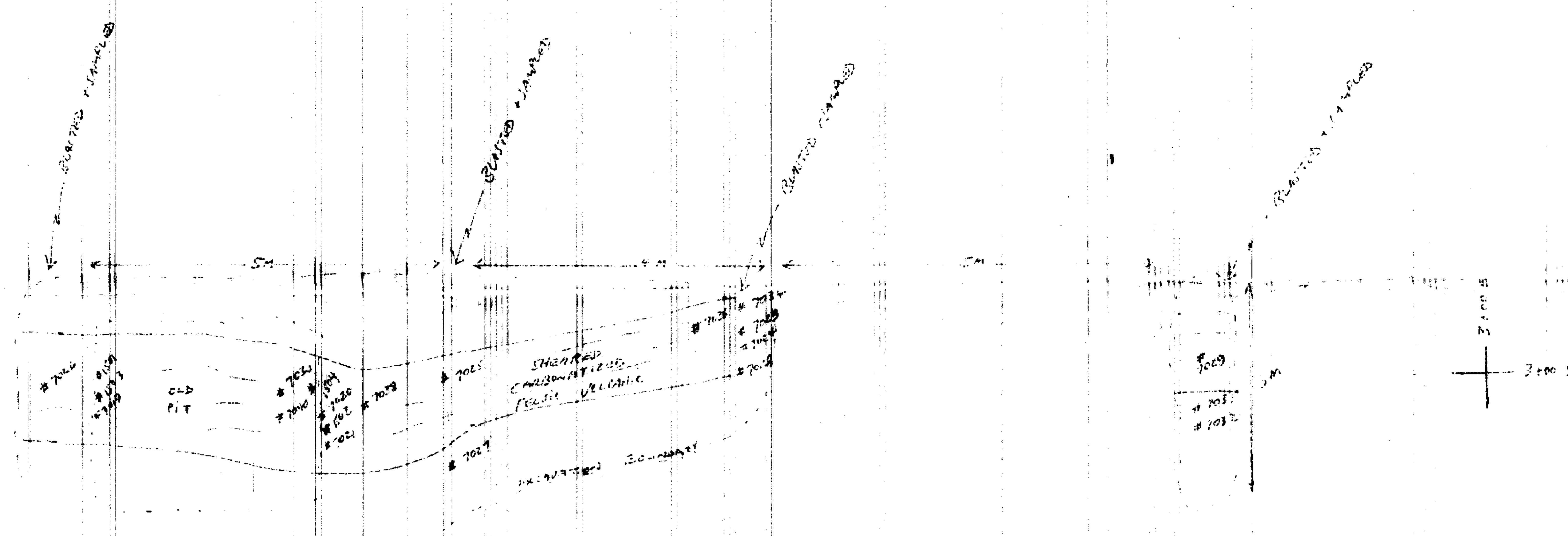
Compiled by: / /

Drafted by: GeoD / /

N.T.S.: 41 P 9 SCALE 1: 2,000

Disposition (s):

Dwg. No.



250

Sample No.	Description	Au		Cu PPM
[illegible]	4" [illegible] shear, [illegible] chalcopyrite [illegible]	[illegible]	[illegible]	1412
[illegible]	[illegible]	[illegible]		4800
[illegible]	[illegible] QTZ [illegible] + CHALCO	[illegible]		760
[illegible]	[illegible] pyrite [illegible]	[illegible]		400
[illegible]	" "	N/A		N/A
7020	QV in shear	207	ppb	
7022	Stringers of pyrite - chalcopyrite in shear	[illegible]		
7023	Banded QTZ calcite chalco in sheared volcanic	170		
7024	Volcanic [illegible] pyrite, chalcopyrite [illegible]	17		
7025	Strong sheared volcanic, pyrite + calcite	21		
7026	QV with [illegible] chalcopyrite	347		
7027	Wall rock [illegible] calcite stringers	19		
7028	Sheared with calcite, chalco + pyrite [illegible] chlorite	165		
7029	Sheared volcanic	21		
7030	Sheared volcanic stringers of [illegible] pyrite [illegible]	230		
7031	Sheared [illegible]	72		
7032		192	ppb	280
7033	QV in shear			
7030	[illegible] stringers in shear	160	ppb	1545
7020	4" [illegible] shear zone	170	ppb	332

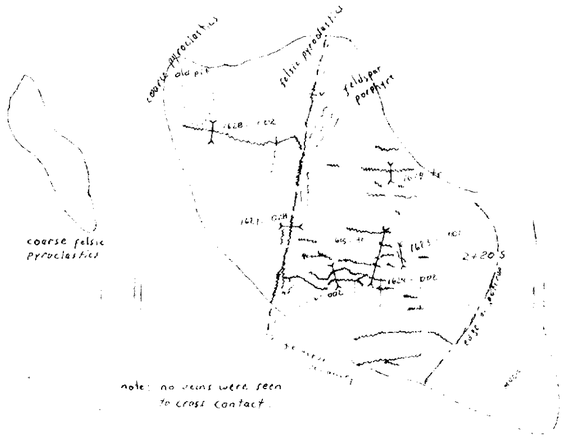
Sample No.	Description	Au	Cu ppm
[illegible]	[illegible] volcanic, disseminated pyrite [illegible]	24 ppb	7102

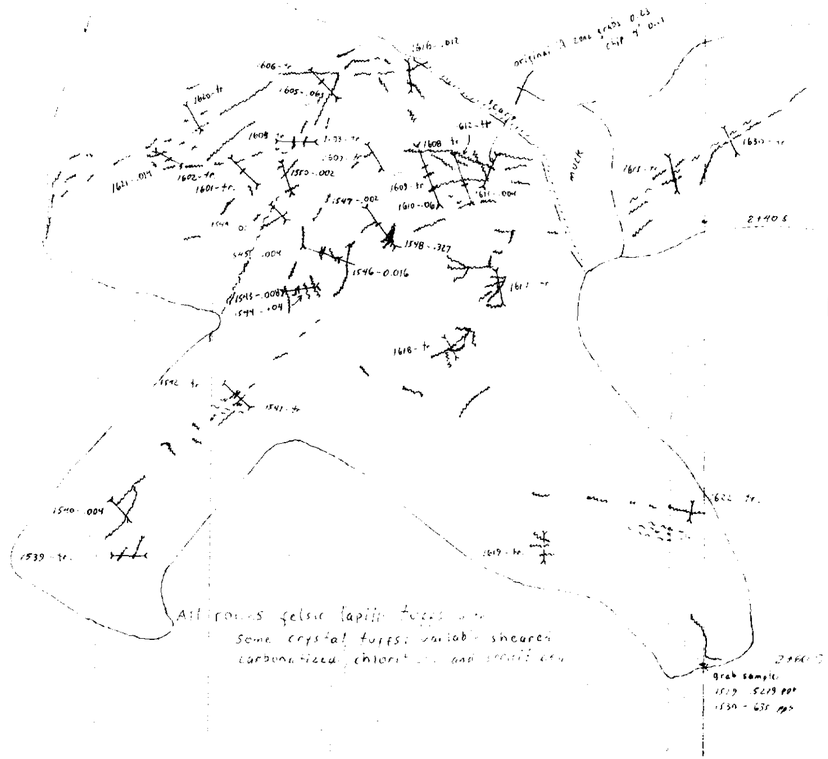
2.13431

HIGHROCK CONTRACTING LTD.

Compiled by:	[illegible]
Drafted by:	[illegible]
N.T.S.: [illegible]	SCALE [illegible]
Disposition(s):	
Dwg. No.	

DU B ZONE





N

LEGEND

- QUARTZ VEIN
- SHEAR STRIKE/DIP
- SAWED CHANNEL SAMPLE
- 1603 - .001 SAMPLE NUMBER & GOLD CONTENT IN OZ/T
- STRIPPED AREAS

DU A ZONE

2.13431

BRYCE TOWNSHIP

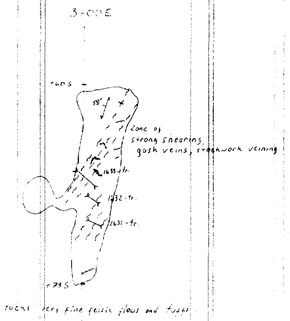
DETAILED SKETCH

DU A & B ZONES

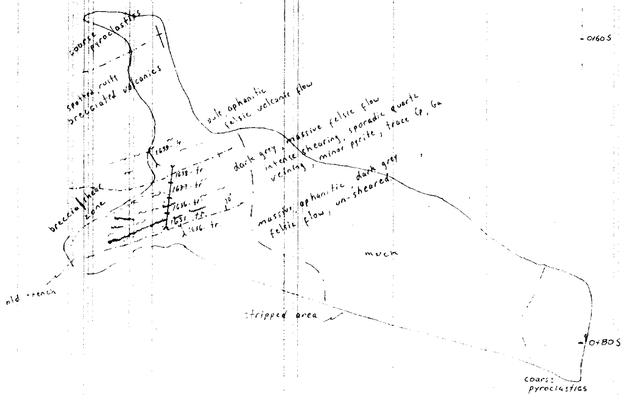
WORK BY:
HIGHROCK CONTRACTING LTD.

Compiled by: R SPOONER / /	Dwg. No.
Drafted by: G C 5 07 90	
N.T.S. 41 - P - 9 SCALE 1:200	
Disposition(s):	

DU C ZONE



JS ZONE



LEGEND

- QUARTZ VEIN
- SHEAR STRIKE / DIP
- SAWED CHANNEL SAMPLE
- 1603--P93 SAMPLE NUMBER & GOLD CONTENT IN OZ/T
- STRIPPED AREAS

2.13431

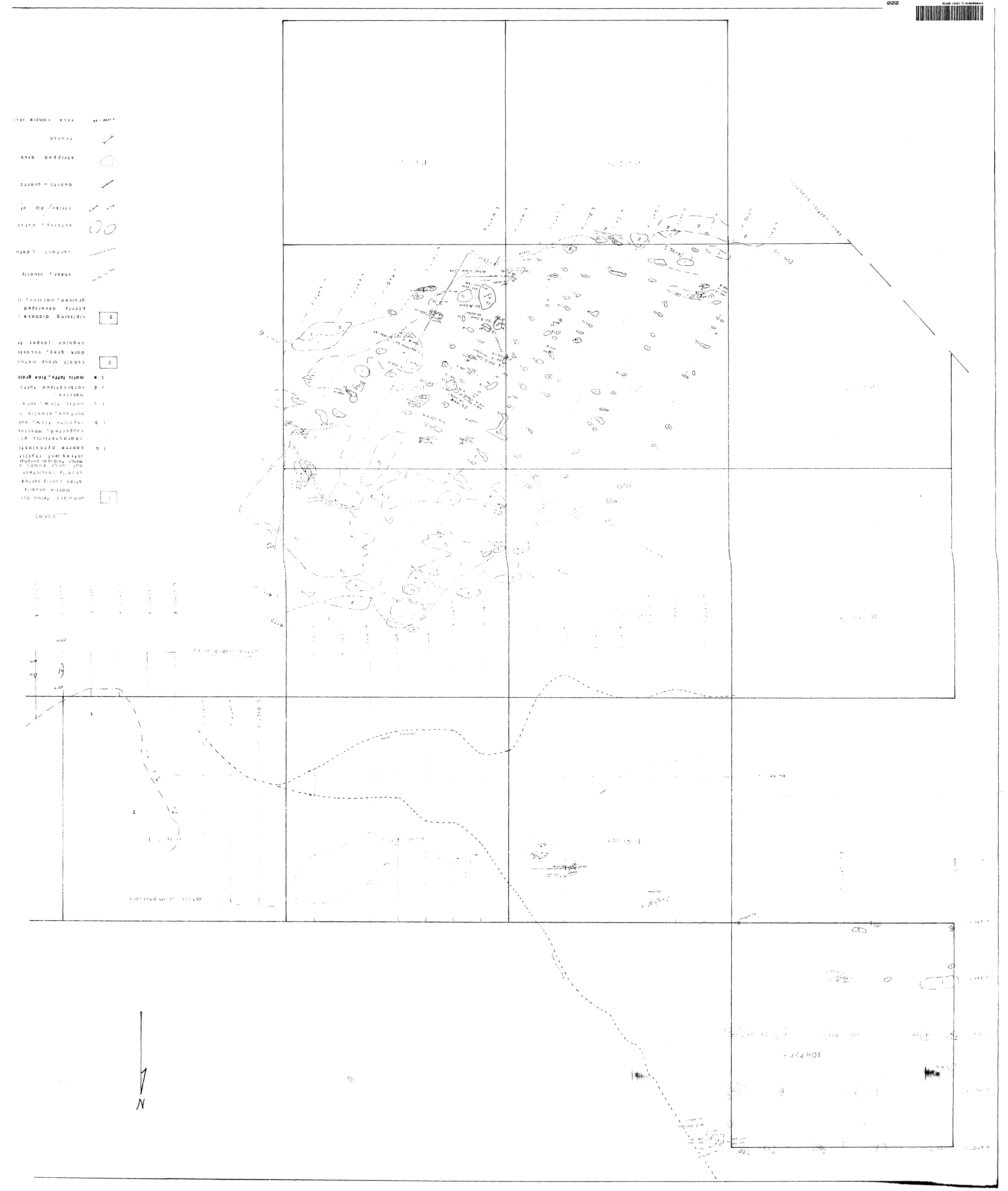
BRYCE TOWNSHIP

DETAILED SKETCH

DU C & JS ZONES

WORK BY: HIGHROCK CONTRACTING LTD.

Compiled by R SPOONER	Dwg. No.
Drafted by G.D 05/07/90	
N.T.S 41-P-9 SCALE 1:200	
Disposition(s)	


EGEND
undivided felsic pyr
matrix usually
often poorly sorted
usually consistent
but large bombs p
minor feldspar porphyr
intrequent rhyolit
coarse pyroclasti
characteristic pi
rhyolite flow, dor
surface, usually s
massive.
mostic flow; very
carbonatized tuffs
mafic tuffs, fine grain
cobalt group metcs
dark grey, occasio
angular jasper fr
3
ripissing diabase :
poorly developed
grained, massive; fi
shear, usually
contact (defin
outcrop, outcr
strike/dip of
quartz - quartz
stripped area
trench
rock sample loca
N

L 2+00N

L 1+00N

L 0+00

L 1+00S

L 2+00S

1047203

N

4+00 W

BL 2+00 W

BL 4+60S

1046166

1046165

actual claim boundary

1012971

L 8+50 E

L 9+00 E

L 9+50 E

actual claim boundary

L 10+00E

L 10+50 E

L 11+00 E

L 11+50 E

L 12+00 E

1035685

L 0+50E

L 1+00E

L 1+50 E

1012961

L 2+00E

L 2+50E

L 3+00E

L 3+50 E

1012962

L 5+00E

L 5+50 E

L 6+00 E

L 6+50 E

L 7+00 E

L 7+50 E

4+35 N

4+00N

3+00N

2+00N

BL 0+00

1+00N

1+40N

2+00N

2+40N

3+00N

(6+70 E)

1013277

1012973

1012972

(5+69S)

(4+90S)

(6+00S)

land caution boundary

L 0+00

L 0+50E

L 1+00E

L 1+50E

L 2+00E

L 2+50E

L 3+00E

L 3+50E

L 4+00E

L 4+50E

L 5+00E

L 5+50E

L 6+00E

L 6+50E

1013278

1013275

L 2+00N

L 1+00N

L 0+00

L 1+00S

L 2+00S

1047203

4+60 W

EL 2+00 W

1046166

1046165

1012971

actual claim boundary

N

Bl. 4+60S

1035685

1012901

1012962

L 0+50E
L 1+00E
L 1+50E
L 2+00E
L 2+50E
L 3+00E
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L 4+00E
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L 8+50 E
L 9+00 E
L 9+50 E
L 10+00E
L 10+50 E
L 11+00 E
L 11+50 E
L 12+00 E
L 12+50 E

actual claim boundary

4+35 N
4+00N
3+00N
2+00N
1+40N
1+00N
Bl. 0+00
3+10N
2+40N

1013277

1012973

1012972

(5+69S)
(4+90S)
(3+00S)
(6+70 E)

land caution boundary

L 0+00
L 0+50E
L 1+00E
L 1+50E
L 2+00E
L 2+50E
L 3+00E
L 3+50E
L 4+00E
L 4+50E
L 5+00E
L 5+50E
L 6+00E
L 6+50E

1013276

1013275