



**1997 GEOLOGICAL, GEOCHEMICAL
ASSESSMENT REPORT
ON THE CAM 1-8 AND HARLAN 1-108 CLAIMS**

.093 882

June 15, 1998

Mayo Mining District
N.T.S. 105 O/4 & 105O/5

Latitude: 63°16' North
Longitude: 131°40' West

Owner: Viceroy Exploration (Canada), Inc.

Author: Carl Schulze

Date of work: August and September 1997

This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 11,600.00.

for *MBK*
Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

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SUMMARY

The Harlan Property consists of 339 contiguous quartz mining claims (Cam 1-8, Harlan 1-331) on NTS Sheet 105O/4 and 105O/5, in the Mayo Mining District. Assessment work, comprised of prospecting, mapping, silt soil and rock sampling, was conducted on the Cam and Harlan 1-108 claims between August 27th and September 5th, 1998. Due to encouraging results an additional 223 claims (Harlan 109-331) were staked around the core Cam and Harlan 1-108 claims in October.

The property is situated within the Selwyn Basin which is comprised of thick sequences of Lower-Mid Paleozoic shallow marine shelf to off-shelf sediments. These sediments have been intruded by Mid Cretaceous Tombstone Suite intrusives forming an ESE linear belt extending for over 500 kilometres from Dawson to the Yukon-NWT border. Several WNW trending thrust and strike slip faults have imbricated the stratigraphic pile throughout the Mesozoic Era. The Harlan Property is predominantly underlain by Earn Group chert pebble conglomerate and Road River Group argillite and siltstone. A set of limonitic quartz monzonite dikes extends east-west across the property along the contact between the Earn and Road River Group sediments.

Fracture controlled gold mineralization is hosted within chert pebble conglomerate and argillically altered limonitic quartz monzonite. Soil sampling along Line 71F across the central mineralized quartz pebble conglomerate unit averaged 311 ppb Au over 1.25 kilometres, followed by samples located 50 and 150 metres down line respectively returning 10,420 ppb Au and 3080 ppb Au. Much of the sampled material was of talus fines with limited soil development. Rock sampling returned values to 2.24 gpt Au from the mineralized chert pebble conglomerate, and values to 1.26 gpt Au from a quartz-monzonite dike 2.3 kilometres west of this zone.

Work in 1998 will focus on continued mapping and sampling across the entire claim block to define lithological and structural controls to mineralization. Reconnaissance exploration along trend of the property for similar targets is also recommended.

CHAPTER 1: INTRODUCTION

1.1 Introductory Statement

The Harlan Property consists of 339 contiguous quartz mining claims (Cam 1-8, Harlan 1-331) covering a 70 square kilometre area measuring 10 x 7 kilometres within NTS Sheets 105O/4 and 105O/5, in the Mayo Mining District (Figure 1). The Cam 1-8 claims were staked in August and the Harlan 1-108 were staked in early September. Due to encouraging results on these claims, an additional 222 claims were staked in mid-October, surrounding the Cam 1-8 and Harlan 1-108. Assessment work was filed on the Cam 1-8 and Harlan 1-108 claims.

The 1997 exploration program involved preliminary geological mapping, prospecting, silt, soil and rock sampling.

1.2 Location and Access

The Harlan Property is located roughly 150 kilometres northeast of Ross River, Yukon Territory, centred at 63° 16' North latitude, 131° 40' west longitude on NTS Map Sheet 105O/4&5. (Figure 2)

Access is by helicopter from a base camp located at Fairweather Lake roughly thirty-five kilometres to the west.

1.3 Physiography and Vegetation

Property topography consists of fairly rugged mountainous terrain with deep glacial valleys attaining elevations of 6700 feet. Southern areas are more rugged; however, the rest of the property is amenable to surface exploration. Subalpine forest and some buckbrush covers lower slopes, with higher elevations covered by alpine tundra vegetation.

1.4 Regional Exploration History and Competitor Activity

Limited exploration has occurred in the immediate Harlan Property vicinity. The JET Claims held by the Archer-Cathro Group located roughly fifteen kilometers east overlie barite occurrences within Earn Group sediments. Several claim blocks overlie Tombstone Suite stocks and associated gold mineralization and gold stream anomalies. These include the YZ, NID, EM, WEAS, and CYP Claims, held by Alliance Pacific Gold Ltd. and the NUG Claims held by Bernard Kreft. The PLATA lead-zinc-silver prospect is located about forty kilometers to the north. The TOM and JASON lead-zinc-silver Sedex style deposits, held by Cominco, occur within similar terrain to that underlying the Harlan Property.

1.5 Property Exploration History

The Cam 1-8 Claims and the Harlan 1-331 Claims (Figure 3) were staked to cover potential strike extension of a wide unit of mineralized Earn Group chert pebble conglomerate as well as several gold anomalies returned from rock, soil, and silt sampling. The target was initially chosen on the basis of two coincident gold-mercury anomalies, one with anomalous arsenic, from RGS silt sampling along the same stream system. Anomalous gold, arsenic and antimony values were returned from surrounding streams across a fairly widespread area underlain by east-west trending units of Earn Group chert pebble conglomerate. Several large Tombstone Suite stocks, associated with strongly elevated gold values from RGS silt sampling, occur to the east. No record of significant mineral values resulting from previous exploration across the Harlan Claims has been found.

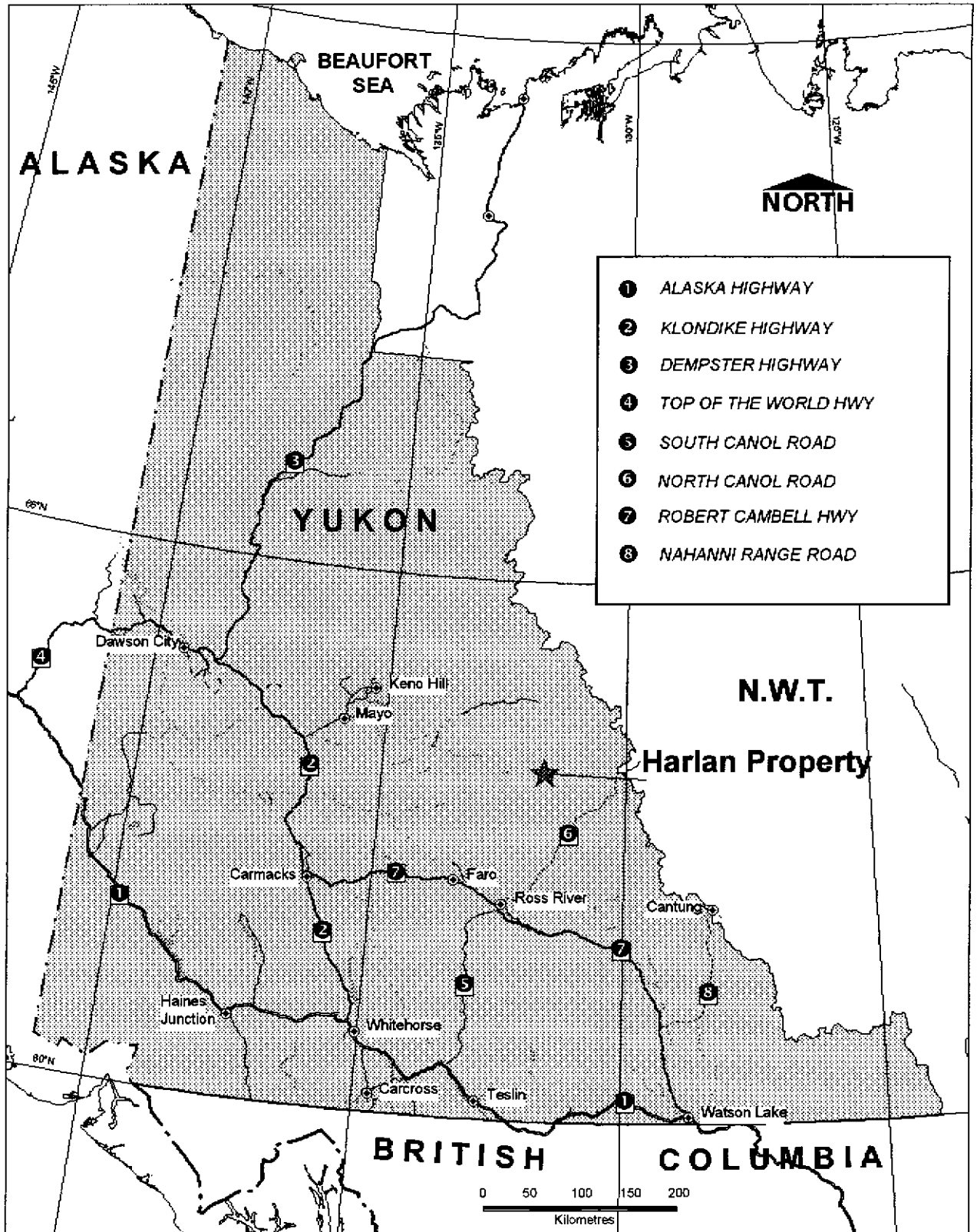
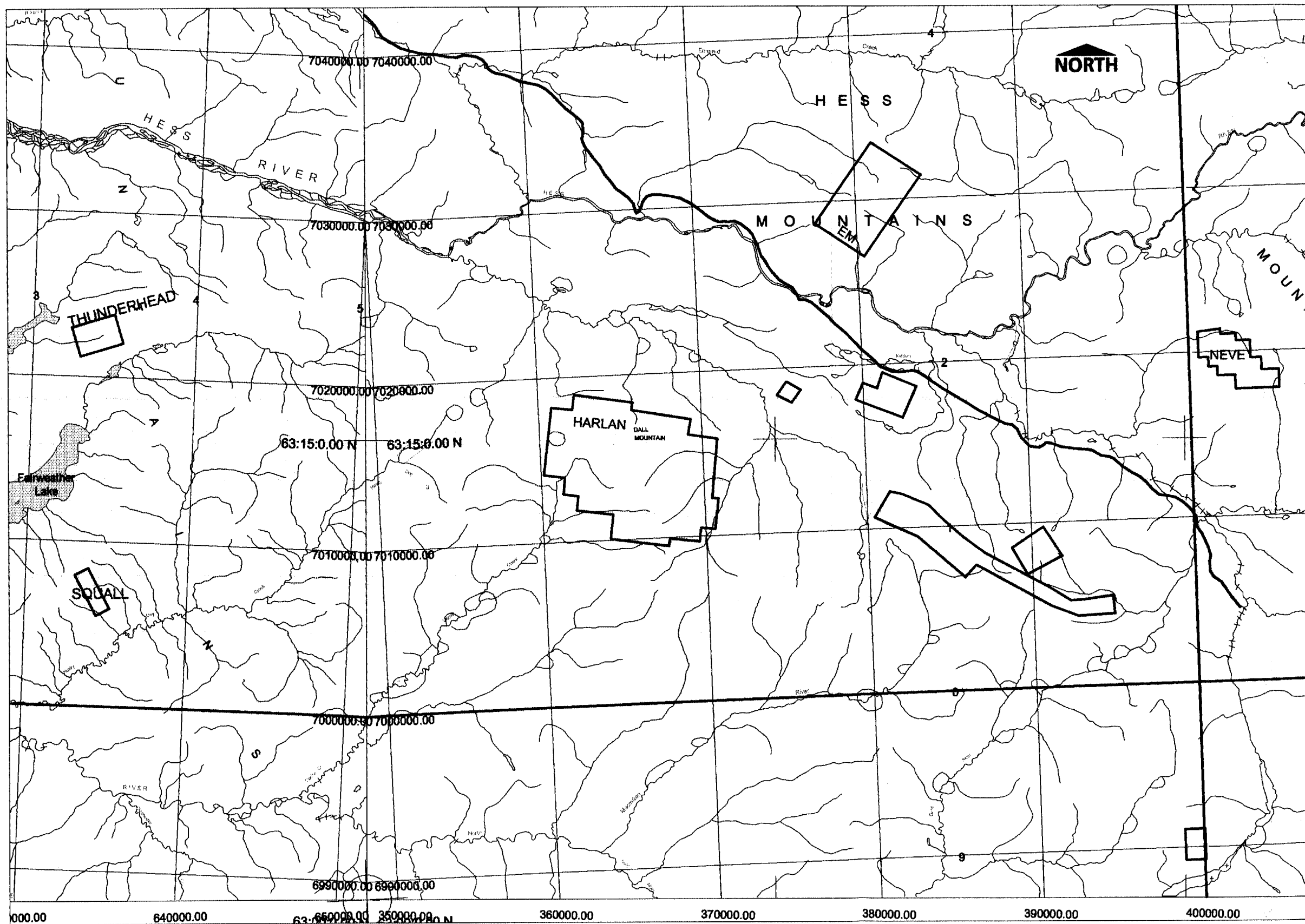
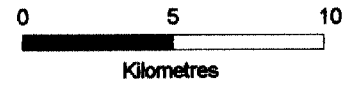



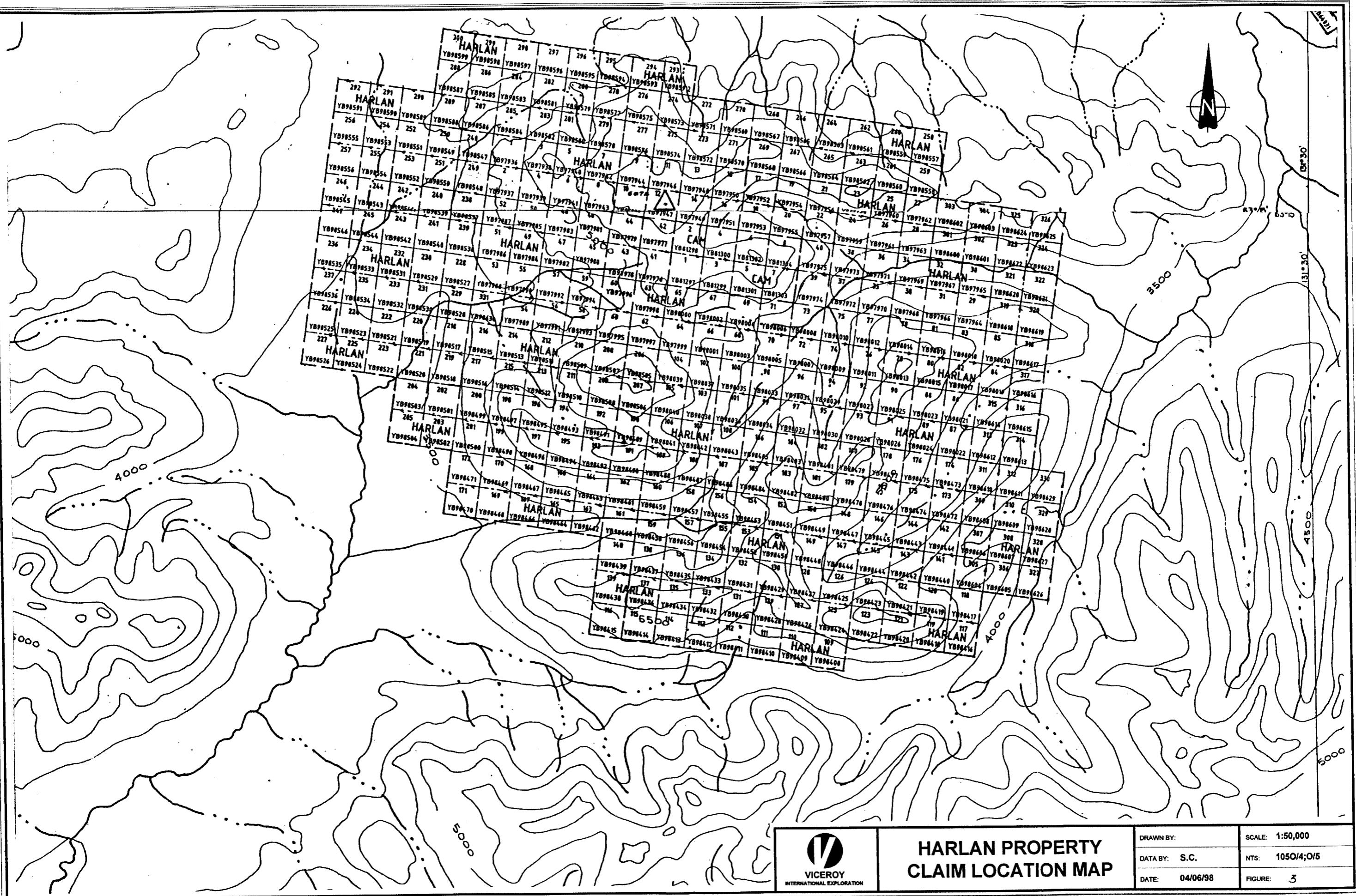
FIGURE 1: GENERAL LOCATION MAP



 Valid Quartz Claims



 VICEROY RESOURCE CORPORATION	
Harlan Property REGIONAL LOCATION and LAND TENURE MAP	
DATE: 4 June 98	NTS: 104-O/4+5
SCALE: 1:250,000	FIGURE NO: 2



HARLAN PROPERTY CLAIM LOCATION MAP

DRAWN BY:	SCALE: 1:50,000
DATA BY: S.C.	NTS: 105014;015
DATE: 04/06/98	FIGURE: 3

Table 1 below lists detailed claim status, including assessment status and expiry dates following the 1997 filing.

<i>Claim Name</i>	<i>Grant No.</i>	<i>Owner</i>	<i>New expiry date</i>	<i>Work completed By</i>
Cam 001-008	YB81297-304	Viceroy Exploration (Canada), Inc.	August 22, 1999	Viceroy
Harlan 001-108	YB97936-98043	Viceroy Exploration (Canada), Inc.	September 2, 1999	Viceroy
Harlan 109-331	YB98408-629	Viceroy Exploration (Canada), Inc.	October 17, 1998*	n/a

*Expiry date has not changed as no work can be filed on these claims

1.6 Work Program

Applicable assessment work was carried out by a three man crew consisting of two geologists and one field technician between August 27 and September 5, 1998. The crew consisted of:

Carl Schulze	Senior Geologist
Gordon MacIntosh	Geologist
Steve Erdman	Field technician

On the claims work consisted of geological mapping, rock ,silt and soil sampling.

Table 2. 1997 Work Program Summary

Activity	Cam 1-8 and Harlan 1-108	Harlan 109-331
Claim Staking	116	222
Soil Sampling:		
Soil Samples Obtained	118	160
Rock Samples Obtained	38	49
Silt Samples Obtained	13	40

Applicable assessment expenditures on the Cam 1-8 and Harlan 1-108 are \$13,100. (Appendice 1).

1.6.1 Sample Preparation and Assay Procedure

All samples were shipped and analysed by Chemex Labs of North Vancouver, B.C. Soil samples were dried and sieved to - 80 mesh, and rock samples were crushed and pulverised to -150 mesh. All samples were subject to 30g fire assay for gold with an atomic absorption finish, and also analysed by 32M element ICP scan. Mercury was analysed using a 10 ppb detection limit. Rejects are retained at Chemex Labs for one year. All sample locations have been tied into UTM co-ordinates and have been plotted. A sample database in Microsoft Excel format is included and can be interfaced with Autocad Map or MapInfo software programs.

CHAPTER TWO: GEOLOGY

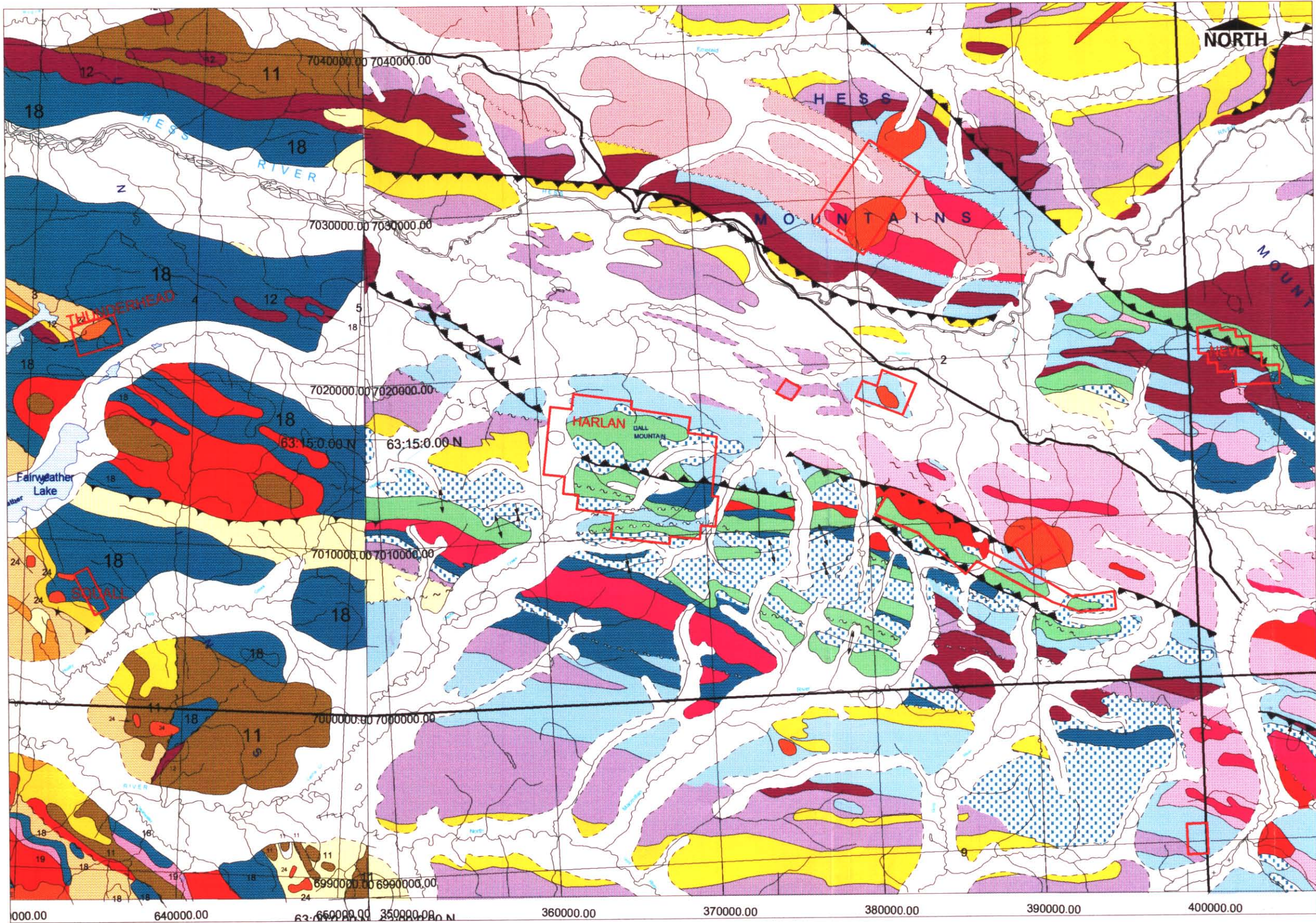
2.1 Regional Geology

The property is situated within the Selwyn Basin which is comprised of thick sequences of Lower-Mid Paleozoic shallow marine shelf to off-shelf sediments. These sediments have been intruded by Mid Cretaceous Tombstone Suite intrusives forming an ESE linear belt extending for over 500 kilometres from Dawson to the Yukon-NWT border. Several WNW trending thrust and strike slip faults have imbricated Selwyn Basin stratigraphy throughout the Mesozoic. In the Harlan property area stratigraphy is dominated by an ESE imbricated assemblage of Earn Group (Devonian-Mississippian) siliclastics with lesser Road River Group (Ordovician-Silurian) chert, siltstone, argillite and limestone and Gull Lake (Cambrian) silicious shale and siltstone (Figure 4, Table 3). Several Tombstone Suite quartz monzonite to syenite stocks occur within 20 kilometres of the property.

2.2 Property Geology

The Harlan property is underlain predominantly by several units of Earn Group chert pebble conglomerate separated by siltstone and argillite. A wedge of Road River Group chert and limestone has been thrust over these sediments along a set of north-west trending faults. A zone of disseminated, fracture controlled and interstitial pyrite and arsenopyrite mineralization and associated silicification and argillic alteration occurs within Earn Group chert pebble conglomerate within central areas of the property. Mineralization and alteration appear evenly distributed across this target. Limonite staining peripheral to this zone suggests disseminated pyrite. Similarly mineralized float was obtained up-ice from the showing. The surface expression of this zone is up to 1.0 kilometres wide; however, true thickness of the moderately south dipping sediments may be considerably less. It is still a very large target with high economic potential (Plate 1).

A set of Tombstone Suite argillically altered limonitic quartz monzonite dikes extends east-west across the property to the main mineralized zone. Strong turquoise arsenic staining occurs in several local drainages, suggesting the possibility of widespread mineralization similar to the main zone. A Minfile Occurrence described as "quartz-bornite veining" in chert pebble conglomerate roughly four kilometres south-east of the main showing suggests widespread mineralization and possible zonation.



I: Selwyn Basin (Northeast of Tintina Trench)

- MESOZOIC**
- Cretaceous**
 - 24 Biotite granite, biotite quartz monzonite, syenite (predominantly Tombstone Suite)
 - Triassic**
 - JONES LAKE FORMATION: Brown to grey weathering calcareous and micaceous sandstone and siltstone, siliceous shale and slate, minor limestone
- PALEOZOIC**
- Permian**
 - MOUNT CHRISTIE FORMATION: Green argillite siliceous siltstone, minor sandstone and dolomite with deep-orange weathering
 - Carboniferous to Permian**
 - 20 Thin bedded limestone, minor black shale, chert, chert pebble conglomerate
 - Mississippian**
 - 19 Keno Hill quartzite: Massive quartzite, minor slate, phyllite, argillaceous quartzite. Eastern units may be temporarily equivalent
 - Devonian to Mississippian**
 - 18 EARN GROUP: Prevost Formation: Thin bedded, laminated, dark blue-grey to black slate, phyllite, commonly graphic, lesser calcareous siltstone sandstone and shale
 - 17 Prevost Formation chert pebble conglomerate interbedded with chert-quartz arenite and greywacke, chert-quartz sandstone, blue-grey to black slate
 - EARN GROUP: Porcupine Lake Formation and Unsubdivided: Thin bedded, siliceous black siltstone, shale and chert
 - 16 Felsic metavolcanics, quartz porphyry (part of lower schist?)
 - Ordovician to Early Devonian**
 - ROAD RIVER GROUP: Steel Formation: Orange weathering, thin bedded, bioturbated dolomitic to grey-green mudstone to siltstone, lesser chert
 - ROAD RIVER GROUP: Duo Formation and Unsubdivided: Thin to medium bedded, light grey to black chert, black shale, often graphic
 - RABBITKITTLE FORMATION**
 - Basalt, tuff, tuff breccia
 - 11 Limestone and dolomite, minor black platy argillaceous limestone and dolomite
 - Early to Mid-Cambrian**
 - GULL LAKE FORMATION: Dark grey to black siliceous siltstone
 - SEKWI FORMATION: Limestone, silty limestone, local limestone slope breccia, minor siltstone and black shale
- PROTEROZOIC**
- Late Hadyrian to Early Cambrian**
 - HYLAND GROUP: Natchikla Formation: Argillite, dark grey, green to maroon shale and phyllite, minor argillaceous limestone and chert pebble conglomerate and "grit" unit
 - Late Hadyrian**
 - YUSEZYU FORMATION: Grey to dark grey limestone, minor arenaceous limestone, dark quartzite, calcareous quartzite, minor argillaceous limestone
 - YUSEZYU FORMATION: Argillite, maroon and green thin bedded, also thick bedded quartzite, calcareous quartzite, minor argillaceous limestone

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VICEROY RESOURCE CORPORATION

Harlan Property

REGIONAL GEOLOGIC SETTING

Kilometres

DATE: 4 June 98	NTS: 104-O/4+5
SCALE: 1:250,000	FIGURE NO: 4

TABLE 3: HARLAN AREA STRATIGRAPHIC COLUMN

Age	Group	Formation (Lithology)	Geology Map Designation	Rock Code	Description
Mid-Cretaceous	Tombstone Plutonic Suite (Selwyn Plutonic Suite)	Monzonite, Quartz Monzonite	Kqm, Kg	QM, MO	Felsic to intermediate quartz monzonitic, monzonitic, to quartz dioritic intrusives. The name "Selwyn Suite" often applies to eastern portion of the suite. Anvil Intrusives and coeval South Fork Volcanics now considered part of Tombstone Suite; varying phases due to different fractionation states rather than a separate major intrusive event. Quartz-monzonite dikes within Harlan are argillically altered and limonitic.
Devonian - Mississippian	Earn Group	Prevost Formation	Dmp (Dme)	CH, ARG ARGG	Brown weathering shale, grey to grey-brown weathering chert-pebble conglomerate, dark grey-black chert-quartz sandstone.
Devonian - Mississippian	Earn Group	Prevost Formation	Dme	CPC	Chert Pebble Conglomerate: pebble to cobble sized clasts in silicified or calcareous matrix, local breccia fragments; lesser coarse to fine sandstone members. Host for major sediment-hosted mineralization within Harlan Property.
Devonian	Earn Group	Portrait Lake Formation	Dp (Dme)	CH, ARG, ARGG	Argillite, chert, minor sandstone and conglomerate. Black siliceous argillite form lower member. May contain minor greywacke, siltstone and baritic horizons.
Ordovician-Early Devonian	Road River Group	Steel Formation	(OSDr)	SS	Weakly to moderately calcareous orange weathering mudstone to siltstone, often bioturbated reflecting oxygenated bottom water conditions. Baritic horizons often form distinctive upper members near top of formation.
Ordovician-Early Devonian	Road River Group	Duo Lake Formation	Osd (OSDr)	CH, SLT, ARG	Black argillite and massive to thick bedded chert, weathers bluish white, local tan limonitic weathering.
Cambrian - Early Ordovician		Rabbitkettle Formation	COr	LST, SLST	Buff-tan weathering thin-medium bedded limestone, lesser slate, quartzite, phyllite, limestone, local basalt flows, tuffs, breccias.

CHAPTER 3: MINERALIZATION

3.1 Property Mineralization

Two major mineralogic settings have been recognised on the property. Sampling of argillically and weakly phyllically altered and silicified quartz-monzonite dike material has returned values to 1.26 gpt Au. These dikes are up to ten meters wide, and have been reported to extend east-west to ESE across the north-central region. More significantly, a large zone of argillically altered and silicified fractured chert pebble conglomerate with disseminated and fracture controlled pyrite and arsenopyrite occurs in the north-central region. Mineralization extends across at least 1.0 x 0.6 kilometers, with undetermined thickness within the gently south-dipping sediments. Soil, including talus fine sampling returned fairly uniform values across this broad zone, suggesting even gold distribution, except for an enriched area along the southeast margin of the anomaly. A total of 278 soil samples, 87 rock and 53 silts were taken on the Harlan Property, including the Cam 1-8 and Harlan 1-331 claims. (see Plate 2).

Soil sampling across the central mineralized quartz pebble conglomerate unit returned spectacular gold grades (Plate 3). Line 71F returned an average of 311 ppb Au over 1.25 kilometres, followed by samples located 50 and 150 metres down line respectively returning 10,420 ppb Au and 3080 ppb Au. Values of 453 ppb Au over 800 metres and 133 ppb Au over 250 metres were returned from separate soil traverses across this zone. Much of the sampled material was of talus fines with limited soil development. Other significant soil values returned elsewhere include: 20.5 ppb Au over 900 metres and 19 ppb Au over 700 metres. Weakly anomalous gold values were returned from sampling across Earn-Road River Group contacts. Silt sampling of streams draining the main mineralized zone returned values to 110 ppb Au; values to 110 ppb Au were also returned from sampling on the opposite side of a central divide several kilometres to the west. Rock sampling returned values to 2.24 gpt Au from the mineralized chert pebble conglomerate, and values to 1.26 gpt Au from a quartz-monzonite dike 2.3 kilometres west of this zone (Plate 4)

Pathfinder element analysis revealed a strong direct correlation between gold and mercury enrichment. Certain mercury enriched zones lacking gold enrichment may lie just outside auriferous zones, as mercury is more mobile both within hydrothermal systems and colluvium. Slightly less direct but still strong correlations occur between gold, arsenic and antimony enrichment. Certain areas displaying gold-mercury enrichment but lacking arsenic and antimony enrichment suggests either the presence of more "evolved" epithermal mineralization, or the perimeters of a significant mineralized system (refer to Plates 5, 6, 7).

CHAPTER FOUR: CONCLUSIONS and RECOMMENDATIONS

The Harlan Property (Cam1-8, Harlan 1-331) located in Central Yukon on NTS sheets 105O/4 and 105O/5 was staked in 1997 by Viceroy Exploration (Canada), Inc. Preliminary mapping and silt, soil and rock sampling was conducted on the Cam1-8 and Harlan 1-108 claims between August 27th and September 5th, 1998.

The property is situated within the Selwyn Basin which is comprised of thick (1000s of metres) imbricated sequences of Lower-Mid Paleozoic marine and off shelf sediments north of the Tintina Trench. These rocks have been intruded by the Mid-Cretaceous Tombstone Plutonic Suite, a belt of alkaline intrusives extending 500 kilometres ESE from Dawson to the Yukon- NWT border. Geology at the Harlan Property is dominated by Earn Group (Devonian-Mississippian) chert pebble conglomerate and lesser Road River Group(Ordovician-Silurian) siltstone, argillite and limestone. A set of E-W trending limonitic quartz monzonite dikes appear to extend along the contact between the Road River and Earn Group sediments, as well as within the chert pebble conglomerate.

Fracture controlled and disseminated gold mineralization associated with fine grained pyrite and arsenopyrite is hosted by chert pebble conglomerate and argillically altered limonitic quartz monzonite. Soil sampling along Line 71F across the central mineralized quartz pebble conglomerate unit averaged 311 ppb Au over 1.25 kilometres, followed by samples located 50 and 150 metres down line respectively returning 10,420 ppb Au and 3080 ppb Au. Much of the sampled material was of talus fines with limited soil development. Rock sampling returned values to 2.24 gpt Au from the mineralized chert pebble conglomerate, and values to 1.26 gpt Au from a quartz-monzonite dike 2.3 kilometres west of this zone. Moderate argillic alteration and silicification occurs within the chert pebble conglomerate. Arsenic, mercury and antimony, typical epithermal gold pathfinder elements, correlate well with gold.

Further systematic mapping, soil, silt and rock sampling across the entire property is recommended in 1998 to determine the geological setting and structural controls to gold mineralization. Trenching across significantly mineralized areas is recommended to improve geological and mineralogical understanding. Further reconnaissance exploration peripheral to the property is also recommended to secure potential ground along trend.

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Diment, R, 1997; Brewery Creek Report, 1996: Exploration Progress Report, In-house report, Viceroy International Exploration, Inc.

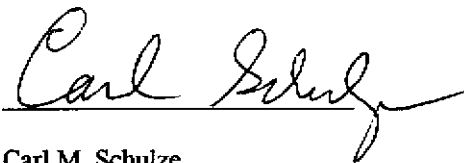
Gordey, S.P. and Anderson, R.G., 1996: Evolution of the Northern Cordilleran Miogeosyncline, Nahanni Map Area (105I), Yukon and Northwest Territories; Geological Survey of Canada, Memoir 428.

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STATEMENT OF QUALIFICATIONS

I, Carl M. Schulze, of the City of Whitehorse, Yukon Territory, Canada, do hereby certify that:

- 1) I have held the position of Senior Exploration Geologist with Viceroy International Exploration since 1996.
- 2) I graduated from Lakehead University with a Bachelor of Science Degree in Geology in 1984.
- 3) I have been continually active in mineral exploration since 1984.
- 4) I supervised the exploration program and performed part of the work described in this report.
- 5) I am currently vice-president of the Yukon Chamber of Mines and a member of the Yukon Prospectors' Association



Carl M. Schulze
Senior Project Geologist
Viceroy International Exploration

APPENDIX 1

APPLICABLE EXPENDITURES FOR ASSESSMENT CREDITS

Harlan Property (Cam 1-8 and Harlan 1-108)	
Expenditures	
Description	Expenditure
Labor	\$1,740
Camp Meals and Lodging	2,700
Helicopter	5,280
Geochemical Analyses	3,380
Total	\$13,100

APPENDIX 2

HARLAN ROCK, SILT and SOIL SAMPLES

Target #71
Soil Sample Description Sheet

ASAMP	Au ppb	Ag	Al	As	Ba	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn	Comments
71J 1700	2	1.2	0.52	22	470	0.2	2	0.01	0.2	1	14	19	1.58	5	250	0.22	5	0.03	20	12	0	17	650	18	1	1	45	0	5	5	62	5	140	
71J 1800	2	0.8	0.56	72	230	0.2	1	0.01	0.2	4	18	41	2.03	5	170	0.12	5	0.03	150	6	0	29	1010	10	1	1	16	0	5	5	89	5	182	
71J 1900	2	1	0.6	48	340	0.5	1	0.03	1.5	8	13	72	2.98	5	280	0.14	5	0.04	655	6	0	44	960	20	1	4	77	0	5	5	63	5	232	
71J 2000	2	2.8	0.46	54	280	0.2	1	0.04	0.2	3	11	22	1.43	5	100	0.1	5	0.03	160	7	0	20	810	8	1	0	13	0	5	5	56	5	112	
71J 2100	2	0.6	0.45	36	190	0.2	2	0.01	0.2	3	13	25	1.66	5	80	0.09	5	0.02	145	5	0	22	710	8	1	0	7	0	5	5	73	5	126	
71J 2200	2	0.8	0.49	56	250	0.2	1	0.02	0.5	7	18	50	3.06	5	120	0.08	5	0.02	190	10	0	54	1320	12	1	1	17	0	5	5	132	5	290	
71J 2300	20	2	1.02	552	800	1.5	2	0.04	2	21	21	163	7.78	5	400	0.14	5	0.04	440	15	0	167	2980	30	2	10	436	0	5	5	164	5	698	
71J 2400	2	0.6	0.36	28	200	0.2	1	0.03	0.2	2	13	19	1.56	5	90	0.08	5	0.02	105	3	0.05	9	1000	6	1	0	87	0.01	5	5	50	5	42	
71J 2500	10	2.4	0.91	114	680	1.5	1	0.05	2.5	22	27	145	6.83	5	380	0.18	5	0.03	1320	10	0	118	2350	28	2	9	144	0	5	5	157	5	480	
71J 2600	2	1.4	0.67	30	300	0.5	1	0.03	0.5	9	15	69	3.3	5	160	0.14	5	0.03	360	7	0.03	48	1600	14	1	2	53	0	5	5	71	5	212	
71J 2700	2	0.6	0.84	66	520	0.2	1	0.03	0.2	7	16	45	3.4	5	90	0.11	5	0.05	250	6	0.03	45	1250	20	1	0	60	0.01	5	5	72	5	182	
71J 2800	5	1	0.62	16	310	0.5	2	0.03	0.5	11	14	81	3.43	5	110	0.09	5	0.01	780	5	0	70	1250	18	1	5	49	0	5	5	79	5	248	
71J 2900	2	0.2	0.48	18	210	0.2	1	0.01	0.2	4	9	25	1.57	5	30	0.09	5	0.01	85	3	0.04	18	740	6	1	0	30	0	5	5	47	5	88	
71Z 0000	2	0.8	0.92	22	350	0.2	2	0.04	0.2	4	18	21	2.27	5	80	0.06	5	0.09	145	5	0.02	13	1070	10	2	0	30	0	5	5	77	5	52	
71Z 0050	2	1.6	0.91	56	570	0.2	1	0.05	0.2	5	21	48	3.61	5	140	0.1	5	0.06	265	12	0.01	25	3000	18	2	0	91	0	5	5	140	5	110	
71Z 0100	2	47.8	0.49	72	390	0.2	2	0.06	0.2	4	47	116	6.2	5	1240	0.17	5	0.04	140	26	0	38	5630	18	8	4	143	0	5	10	381	5	132	
71Z 0150	10	8.6	0.34	40	310	0.2	2	0.01	0.2	2	33	81	2.98	5	940	0.12	5	0.01	75	14	0	30	3370	14	4	1	73	0	5	5	135	5	62	
71Z 0200	15	10.8	0.4	50	850	0.2	2	0.07	0.5	4	40	133	4.56	5	950	0.12	5	0.03	110	17	0.01	35	3850	12	6	2	154	0	5	10	178	5	130	
71Z 0250	10	7	0.3	50	280	0.2	2	0.04	0.2	3	30	77	5.15	5	410	0.16	5	0.03	70	16	0.01	23	4140	12	4	0	96	0	5	5	477	5	92	

Target #71

Soil Sample Description Sheet

ASAMP	Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn	Comments
71H 1500	535	4.2	0.83	2240	550	0.2	10	0.08	0.2	3	26	29	2.74	5	360	0.13	10	0.09	150	11	0	10	3990	124	54	2	170	0.01	5	5	46	5	50	
71H 1550	110	0.6	0.23	50	60	0.2	2	0.04	0.2	1	4	6	0.65	5	140	0.05	5	0.01	25	1	0.01	3	540	12	2	0	13	0.01	5	5	20	5	16	
71H 1600	625	2.2	1.04	1150	370	0.2	8	0.03	0.5	1	12	46	2.34	5	830	0.12	10	0.1	60	5	0.01	8	1160	58	24	1	99	0	5	5	38	5	62	
71H 1700	30	0.4	0.58	484	200	0.2	4	0.01	0.2	3	10	27	2.02	5	20	0.09	10	0.03	110	4	0.01	11	370	28	6	0	34	0.01	5	5	61	5	74	
71H 1800	20	0.8	0.71	492	180	0.2	1	0.03	0.2	3	10	24	1.98	5	40	0.08	10	0.06	115	3	0.03	10	660	36	6	0	36	0	5	5	38	5	58	
71H 1900	45	2.2	0.81	488	350	0.2	2	0.02	0.2	2	12	29	2.03	5	130	0.08	10	0.05	60	5	0.01	12	640	32	8	0	38	0	5	5	63	5	70	
71H 2000	10	0.8	0.55	1690	110	0.2	2	0.01	0.2	1	26	58	7.74	5	170	0	5	0	5	0	0	7	5690	2	8	0	6	0	5	5	174	5	10	
71H 2100	2	0.4	0.34	68	130	0.2	1	0	0.2	2	9	16	1.24	5	20	0.05	10	0.01	40	5	0	10	350	10	2	0	13	0	5	5	66	5	68	
71H 2200	2	0.2	0.38	32	130	0.2	1	0	0.2	1	10	12	1.07	5	5	0.05	10	0.01	35	3	0.01	7	300	8	2	0	11	0	5	5	49	5	44	
71H 2300	2	1	1.36	68	550	0.5	1	0.07	0.5	6	28	39	2.25	5	160	0.14	5	0.08	665	6	0.02	23	1720	24	2	2	50	0	5	5	99	5	150	
71H 2400	15	2.8	0.8	36	280	0.2	1	0.04	0.2	2	16	38	1.37	5	610	0.07	5	0.07	50	4	0.03	11	1250	18	1	0	31	0	5	5	58	5	54	
71H 2500	25	0.6	0.61	66	350	0.2	1	0.01	0.2	3	14	32	2	5	90	0.08	5	0.03	145	7	0	19	810	20	2	1	37	0	5	5	78	5	116	
71H 2600	2	0.8	0.63	38	210	0.2	1	0.01	0.2	3	12	22	1.58	5	70	0.07	5	0.04	55	10	0.01	17	1060	18	2	0	41	0	5	5	95	5	98	
71H 2800	2	0.6	0.54	28	190	0.2	1	0.03	0.2	1	9	14	1.08	5	60	0.05	5	0.04	30	3	0.01	7	780	10	1	0	31	0	5	5	62	5	68	
71H 2900	2	0.2	0.59	86	200	0.2	1	0.01	0.2	3	13	24	1.65	5	30	0.06	5	0.03	50	7	0	16	600	14	2	0	23	0	5	5	75	5	90	
71I 0100	10	0.6	1.81	82	380	1	4	0.01	1	34	14	125	6.22	5	80	0.15	10	0.08	1420	7	0.01	66	1090	44	6	9	51	0	5	5	80	5	216	Mixed soil + talus
71I 0200	20	1.6	0.85	224	600	0.5	4	0.01	0.2	7	16	68	3.91	5	160	0.25	10	0.05	360	6	0	28	830	42	8	4	158	0	5	5	59	5	170	
71I 0300	15	1.8	0.84	74	350	0.5	2	0.01	0.2	12	14	72	3.49	5	140	0.17	20	0.05	440	5	0	33	930	34	4	4	48	0	5	5	51	5	210	
71I 0400	10	1	0.46	70	330	0.2	2	0.01	0.2	3	11	50	1.95	5	50	0.17	20	0.03	80	6	0	13	360	22	4	3	86	0	5	5	45	5	104	
71I 0500	15	2	0.63	200	420	0.2	4	0.01	0.2	4	19	63	3.3	5	240	0.16	10	0.03	60	11	0	24	1230	38	6	5	106	0	5	5	84	5	174	
71I 0600	95	8.2	0.56	44	230	0.2	1	0.01	0.2	1	28	43	3.7	5	1590	0.37	30	0.03	25	11	0	9	5310	34	6	3	208	0	5	5	67	5	30	
71I 0700	35	2.4	0.4	68	500	0.2	2	0.02	0.2	1	17	22	2.33	5	230	0.18	10	0.03	65	8	0.01	10	1460	20	2	0	126	0	5	5	61	5	54	
71I 0800	10	2.4	0.58	82	710	0.2	1	0.1	0.2	3	24	47	2.64	5	300	0.18	10	0.06	95	8	0	19	2370	18	2	2	103	0	5	5	85	5	86	
71I 0900	10	0.4	0.59	30	200	0.2	1	0	0.2	0	7	8	0.66	5	110	0.08	5	0.03	25	4	0	3	370	22	1	0	41	0	5	5	32	5	28	
71I 1000	25	2.4	0.45	62	530	0.2	1	0.04	0.5	3	20	56	3.32	5	660	0.23	5	0.03	245	11	0	21	1480	22	4	1	106	0	5	5	102	5	70	
71I 1100	10	3.2	0.54	14	440	0.2	1	0.01	0.5	0	48	54	1	5	170	0.09	5	0.03	10	13	0	18	1670	10	2	0	38	0	5	5	244	5	32	
71I 1200	10	4.4	0.5	32	620	0.2	1	0.06	0.5	1	27	42	2.6	5	200	0.17	5	0.03	55	16	0	14	2450	18	6	2	112	0	5	5	131	5	66	
71I 1300	2	2.2	0.4	16	380	0.2	2	0.03	0.5	1	33	25	1.22	5	90	0.11	5	0.02	50	10	0	10	1620	14	1	0	32	0	5	5	108	5	46	
71I 1400	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
71I 1500	2	2.4	0.48	32	510	0.2	2	0.01	0.5	1	20	42	1.68	5	100	0.13	5	0.02	45	12	0.01	15	1440	18	2	0	70	0	5	5	105	5	68	
71I 1600	15	4.4	0.65	74	670	0.5	1	0.12	0.5	3	39	94	2.92	5	580	0.15	5	0.08	85	17	0	20	3650	16	4	1	109	0	5	5	206	5	96	
71I 1700	10	3.4	0.67	48	510	0.2	1	0.03	0.5	1	44	45	2.65	5	100	0.14	5	0.03	265	19	0.01	13	2780	16	2	0	98	0	5	5	170	5	82	
71I 1800	2	2	0.76	32	460	0.2	1	0.04	0.2	2	28	32	2.06	5	80	0.12	5	0.04	50	11	0.01	13	1620	16	2	0	82	0	5	5	145	5	78	
71I 1900	2	4	0.97	56	650	0.5	1	0.31	1	3	48	69	2.52	5	230	0.13	10	0.15	85	16	0	31	3900	10	6	1	150	0.01	5	5	273	5	134	
71I 2000	10	3	1.23	50	520	0.5	2	0.11	0.5	3	45	64	2.88	5	210	0.12	10	0.08	70	16	0.01	29	3420	10	4	0	105	0	5	5	258	5	150	
71I 2100	5	1.6	0.59	14	490	0.2	2	0.03	1.5	1	30	47	1.31	5	40	0.09	5	0.01	95	12	0.01	13	1680	10	1	0	46	0	5	5	97	5	66	
71I 2200	2	14.2	0.88	22	710	0.2	1	0.08	1.5	0	62	76	1.63	5	520	0.13	10	0.04	40	24	0	35	2270	12	4	1	103	0	5	10	267	5	106	
71I 2300	15	1.5	1.81	86	760	0.5	1	0.12	0.5	2	97	100	4.53	5	290	0.22	20	0.1	90	29	0	20	3890	16	6	3	304	0.01	5	10	184	5	112	
71I 2400	10	10.8	0.92	34	430	0.2	1	0.07	0.5	1	50	69	2.11	5	620	0.08	10	0.04	45	16	0.01	27	2300	12	4	0	79	0	5	5	205	5	118	
71I 2500	10	10.2	0.65	12	880	0.5	1	0.01	2	0	63	101	0.76	5	830	0.13	30	0.03	2	17	0	20	330	12	2	3	78	0	5	20	208	5	14	
71I 2600	10	11.8	0.88	62	850	0.5	2	0.05	0.5	1	54	86	2.68	5	260	0.12	10	0.03	20	16	0	15	4800	12	2	1	276	0	5	10	149	5	90	
71I 2700	10	3.8	0.43	30	810	0.2	1	0.04	0.5	1	33	48	2.29	5	220	0.13	5	0.03	30	9	0	18	4120	12	2	0	224	0	5	5	113	5	70	
71I 2800	2	8.2	0.88	32	350	0.5	1	0	1	3	20	55	1.77	5	80	0.07	20	0.06	35	35	0.01	54	1490	10	6	0	14	0	5	5	298	5	282	
71I 2900	2	4.8	0.74	40	690	0.5	4	0.03	0.2	3	51	48	5.98	5	350	0.13	5	0.05	100	10	0	27	5550	12	6	1	257	0	5	5	270	5	202	
71I 3000	5	3.6	0.67	18	1530	0.2	1	0.07	0.5	1	28	43	1.64	5	370	0.09	5	0.05	35	5	0	11	2340	6	2	0	60	0	5	5	115	5	52	
71J 0000	2	0.1	1.85	14	1480	0.5	1	0.05	0.5	12	20	66	5.16	5	50	0.16	10	0.2	1095	3	0	45	1180	14	2	0	43	0	5	5	112	5	42	
71J 0100	2	0.1	1.96	1	2490	0.5	1	0.04																										

Target #71

Soil Sample Description Sheet

ASAMP	Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Tl	Ti	U	V	W	Zn	Comments
71F 1400	10000	22.2	0.58	5070	230	0.2	32	0.03	0.2	1	18	23	3.67	5	1390	0.38	20	0.09	90	8	0	5	3340	264	108	1	67	0	5	5	39	5	26	Talus fines
71F 1500	3080	18.8	1.28	7490	290	0.2	40	0.13	0.5	2	39	51	6.33	5	3720	0.33	30	0.12	180	15	0.02	10	5390	1405	246	3	554	0.02	5	5	130	5	106	Small organic patch
71G 0000	285	14	0.23	256	610	0.2	2	0	0.2	0	10	21	1.65	5	480	0.32	30	0.01	5	6	0	0	310	354	56	1	22	0	5	5	35	5	16	
71G 0050	110	6.6	0.61	666	670	0.2	18	0.03	0.2	7	17	134	5.19	5	140	0.16	10	0.07	530	16	0.03	37	1850	258	66	2	103	0.01	5	5	62	5	352	
71G 0100	235	16.8	0.73	1100	530	0.5	8	0.03	2	6	30	237	5.9	5	460	0.19	30	0.1	475	16	0	39	2750	1215	390	5	108	0	5	5	118	5	452	
71G 0150	60	9.6	0.25	214	200	0.2	2	0.01	1.5	0	7	44	1.39	5	120	0.1	20	0.01	30	9	0	6	700	952	448	0	24	0	5	5	32	5	74	
71G 0200	80	3.8	0.41	272	270	0.2	10	0.02	0.5	3	11	70	2.15	5	100	0.1	20	0.03	80	9	0.01	14	1000	316	84	1	68	0	5	5	45	5	166	
71G 0250	25	2.2	0.32	142	210	0.2	1	0.01	0.2	3	10	38	1.99	5	40	0.09	20	0.01	70	7	0	17	820	282	18	0	71	0	5	5	54	5	226	
71G 0300	2	1.4	0.42	120	200	0.2	1	0.01	0.2	3	10	49	2.51	5	110	0.09	10	0.03	185	6	0	22	900	74	8	1	40	0	5	5	42	5	284	
71G 0350	20	1.8	0.69	152	220	0.2	1	0.04	0.5	5	14	66	3.34	5	60	0.1	10	0.06	330	6	0.01	28	1150	104	12	1	49	0	5	5	55	5	288	
71G 0400	10	1	0.49	82	200	0.2	1	0.03	0.2	2	8	32	1.84	5	20	0.1	10	0.03	95	5	0.03	13	840	36	6	0	45	0	5	5	37	5	110	
71G 0450	2	0.2	0.43	36	130	0.2	1	0.02	0.2	5	7	41	2.2	5	10	0.07	5	0.01	215	5	0.02	20	730	14	2	0	31	0	5	5	44	5	122	
71G 0500	10	2.2	0.39	150	420	0.2	1	0.04	1	7	12	70	3.11	5	70	0.1	10	0.04	735	7	0	32	1260	106	26	3	43	0	5	5	48	5	252	
71G 0550	10	1	0.56	58	310	0.2	1	0.17	0.5	7	13	61	2.63	5	60	0.14	5	0.01	415	5	0	34	1000	14	2	1	40	0	5	5	46	5	198	
71G 0600	10	0.8	0.62	60	280	0.2	1	0.06	0.5	8	14	66	2.84	5	70	0.11	5	0.09	520	5	0	33	870	14	2	1	64	0	5	5	53	5	160	
71G 0650	5	0.6	0.89	46	180	0.2	1	0.05	0.2	6	14	51	2.67	5	40	0.09	5	0.11	325	4	0.01	26	820	12	2	0	42	0	5	5	51	5	124	
71G 0700	2	1	0.5	38	190	0.2	1	0.03	0.2	4	11	42	2.26	5	70	0.09	5	0.03	260	4	0	26	1420	10	2	0	48	0	5	5	48	5	116	
71G 0750	5	0.8	0.79	42	180	0.2	1	0.02	0.2	5	15	47	2.73	5	30	0.09	5	0.08	270	4	0	27	960	10	2	0	47	0	5	5	52	5	116	
71G 0800	10	1	0.63	48	290	0.2	1	0.02	0.2	3	11	46	2.1	5	60	0.1	5	0.02	120	5	0	19	1400	12	1	0	47	0	5	5	49	5	80	
71G 1000	2	0.8	0.55	28	170	0.2	1	0.02	0.2	6	13	45	2.66	5	40	0.08	5	0.03	230	4	0	29	1270	10	1	0	44	0	5	5	55	5	134	
71G 1050	5	0.4	0.4	24	180	0.2	1	0.01	0.2	5	10	37	2.11	5	10	0.08	5	0.01	270	4	0	25	940	8	1	0	35	0	5	5	52	5	140	
71G 1100	10	0.8	0.5	30	210	0.2	1	0.01	0.2	7	13	59	3.07	5	40	0.1	5	0.03	220	6	0	41	1280	10	2	0	52	0	5	5	58	5	176	
71G 1150	10	2.2	0.63	58	310	0.2	1	0.01	0.2	7	19	96	4.43	5	70	0.15	5	0.04	165	8	0	46	1380	20	2	2	70	0	5	5	80	5	198	
71G 1200	5	1.2	0.62	62	320	0.2	1	0.01	0.2	7	20	57	3.42	5	50	0.13	5	0.03	145	8	0	43	1040	20	4	2	68	0	5	5	89	5	184	
71G 1250	10	2	0.39	78	400	0.2	1	0.01	0.2	3	13	42	2.71	5	70	0.14	5	0.01	80	6	0	24	1120	20	4	1	89	0	5	5	60	5	84	
71G 1300	10	1.6	0.64	106	320	0.2	1	0.02	0.2	5	19	65	3.29	5	60	0.11	5	0.03	140	8	0	37	1740	18	4	1	130	0	5	5	81	5	100	
71G 1350	30	3	0.45	64	280	0.2	2	0.04	0.2	7	16	106	4.52	5	280	0.31	5	0.03	190	9	0.03	38	1380	18	4	3	134	0	5	5	71	5	158	
71G 1400	10	2	0.53	36	420	0.2	2	0.03	0.2	5	15	62	2.64	5	160	0.14	5	0.04	300	7	0	32	1000	16	4	2	96	0	5	5	64	5	76	
71G 1450	2	2	0.89	44	300	0.5	1	0.04	0.5	14	26	107	5.19	5	130	0.12	5	0.06	785	10	0.01	87	2380	22	6	3	75	0	5	5	154	5	404	
71G 1500	2	1.8	0.62	32	450	0.5	2	0.07	1.5	12	19	96	4.99	5	110	0.17	5	0.03	1050	10	0.01	66	2490	20	4	3	151	0	5	5	96	5	274	
71G 1550	2	2.4	0.55	34	220	0.2	4	0.03	0.2	9	16	85	3.89	5	90	0.09	5	0.03	490	10	0.01	39	1760	16	6	3	80	0	5	5	85	5	122	
71G 1600	2	4	0.41	48	460	0.2	1	0.03	0.2	4	25	72	4.32	5	380	0.17	5	0.01	70	12	0	35	2330	20	4	2	181	0	5	5	112	5	138	
71G 1650	2	4	0.68	76	620	1	2	0.15	4.5	13	25	144	6.11	5	290	0.2	5	0.02	1050	13	0.01	82	3160	20	6	6	202	0	5	5	110	5	300	
71G 1700	20	4.8	0.49	78	710	0.2	4	0.03	0.2	5	24	77	4.98	5	420	0.22	5	0.02	175	13	0	41	3350	28	4	1	175	0	5	5	147	5	164	
71G 1750	10	5.8	0.8	90	670	0.5	2	0.15	5	10	38	177	6.9	5	310	0.21	5	0.04	675	18	0.01	68	4840	26	10	7	307	0	5	10	197	5	280	
71G 1800	20	5.6	0.69	82	390	0.5	2	0.03	0.2	4	47	99	6.73	5	450	0.21	5	0.02	135	14	0	39	5630	22	8	4	263	0	5	5	190	5	156	
71G 1850	35	7.8	0.88	108	190	0.5	2	0.06	1.5	5	39	127	7.83	5	660	0.35	5	0.03	315	21	0	57	6680	28	8	6	383	0	5	5	189	5	160	
71G 1900	30	13.6	0.68	104	190	0.5	4	0.2	1	3	62	100	5.85	5	1870	0.36	5	0.04	130	39	0	55	9540	40	12	5	325	0	5	10	319	5	156	
71G 1950	20	7.4	0.64	74	530	0.2	1	0.06	0.5	4	38	75	4.14	5	1190	0.22	5	0.06	210	25	0.01	32	4150	22	8	4	146	0	5	5	154	5	114	
71H 0000	10	2.2	0.57	30	280	0.2	1	0.02	0.2	1	11	24	1.68	5	200	0.1	5	0.03	20	4	0.01	5	590	16	2	0	64	0	5	5	112	5	32	
71H 0100	30	1.8	0.61	158																														

**Target #71
Soil Sample Description Sheet**

ASAMP	Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn	Comments	
71C3300	2	1.2	0.55	4	300	0.2	2	0.01	0.2	0	13	16	0.98	5	210	0.1	5	0.03	30	4	0.01	7	410	10	1	0	22	0	5	5	68	5	20	
71C3400	2	7.6	0.99	36	640	0.2	1	0.05	0.2	0	68	31	4.73	5	400	0.22	5	0.05	40	18	0	9	8770	14	2	3	124	0.01	5	5	219	5	60	
71C3500	2	3	0.73	10	520	0.2	1	0.04	0.2	0	28	33	1.75	5	280	0.17	5	0.05	40	9	0.01	13	1560	10	1	0	54	0	5	5	136	5	42	
71D0000	2	1.2	0.71	16	520	0.2	2	0.01	0.2	1	14	29	2.02	5	90	0.19	5	0.02	25	3	0	10	1410	10	1	1	56	0	5	5	62	5	52	
71D0100	2	1	0.63	42	330	0.2	2	0.03	0.2	5	17	36	2.46	5	70	0.14	5	0.04	335	5	0	25	1090	14	1	0	40	0	5	5	81	5	142	
71D0200	2	0.8	0.49	16	240	0.2	2	0.03	0.5	6	13	54	2.83	5	60	0.11	5	0.02	355	5	0	34	1290	14	2	0	35	0	5	5	70	5	200	
71D0300	2	0.8	0.47	22	240	0.2	1	0.02	0.2	5	11	46	2.46	5	30	0.1	5	0.01	165	5	0	27	1040	12	1	0	55	0	5	5	67	5	148	
71D0400	2	1.4	0.66	42	270	0.2	2	0.03	0.2	5	17	52	3.06	5	110	0.11	5	0.06	250	6	0	33	1020	18	2	0	52	0	5	5	78	5	140	
71D0500	2	0.2	1.1	18	230	0.2	1	0.05	0.2	3	22	18	2.03	5	30	0.13	10	0.12	160	3	0.01	14	740	12	1	0	27	0	5	5	76	5	140	
71D0600	2	0.6	0.71	20	610	0.2	1	0.08	1	16	18	26	1.88	5	40	0.19	5	0.04	2820	7	0.01	19	1320	22	1	0	40	0	5	5	83	5	68	CREEK AT 545m
71D0700	2	0.6	1.09	58	410	0.5	1	0.08	0.5	8	22	69	2.98	5	170	0.12	10	0.17	360	6	0.01	38	850	20	5	3	53	0.01	5	5	92	5	200	CREEK AT 640m
71D0800	60	3.6	0.55	416	420	0.2	10	0.04	1.5	3	13	66	2.64	5	320	0.15	20	0.04	220	6	0	23	1080	144	20	2	84	0	5	5	48	5	226	
71D0900	180	8	0.67	594	270	0.2	32	0.03	0.5	3	13	76	2.66	5	670	0.11	10	0.07	105	6	0.02	12	1090	252	78	0	49	0	5	5	44	5	192	
71D1000	205	9.8	0.44	968	380	0.2	48	0.01	1.5	3	15	89	3.39	5	750	0.16	20	0.05	165	10	0	19	1450	314	120	4	65	0	5	5	50	5	320	
71D1100	2	1.4	1.13	58	260	0.2	2	0.06	1	6	15	56	2.43	5	130	0.11	10	0.1	390	5	0.04	24	1170	46	8	1	46	0	5	5	55	5	160	
71D1200	2	1.6	0.72	112	340	0.5	1	0.04	0.5	11	15	106	4.8	5	90	0.15	5	0.04	1340	10	0.01	58	1530	28	4	4	104	0	5	5	78	5	224	
71D1300	30	4.8	0.52	146	660	0.2	2	0.03	0.5	2	14	40	1.8	5	5	0.14	10	0.04	85	6	0.03	13	1030	164	34	0	40	0	5	5	50	5	112	
71D1400	2	2.8	0.73	202	560	0.2	8	0.02	0.5	4	23	53	3.11	5	100	0.21	30	0.04	195	9	0	26	1130	188	38	0	66	0	5	5	96	5	206	
71D1500	20	3.6	1.21	142	810	0.5	1	0.05	1.5	7	40	96	4.72	5	310	0.25	20	0.08	525	14	0	38	1810	108	18	4	86	0	5	5	154	5	274	
71D1600	25	5	1.35	66	690	0.5	2	0.06	1	5	39	103	3.37	5	490	0.24	10	0.14	260	10	0.01	26	2080	70	2	1	102	0	5	5	123	5	156	
71D1700	2	1.8	0.49	32	590	0.2	1	0.05	0.5	2	14	58	2.14	5	840	0.09	5	0.04	45	6	0.01	12	2400	14	2	0	42	0	5	5	54	5	62	CREEK AT 1640m
71D1800	10	2.6	1.1	28	630	0.2	1	0.06	0.5	2	14	58	2.14	5	840	0.09	5	0.04	45	6	0.01	12	2400	14	2	0	42	0	5	5	54	5	62	
71D1900	2	1.4	0.91	66	740	0.2	1	0.03	0.2	1	30	41	3.14	5	340	0.22	5	0.06	105	6	0.01	13	1700	20	2	0	122	0	5	5	82	5	68	
71D2000	2	1.2	0.74	38	650	0.2	2	0.03	0.2	3	20	37	2.55	5	250	0.19	10	0.09	410	6	0.01	15	670	18	2	1	56	0.01	5	5	79	5	72	POOR HORIZON DEVELOP.
71D2100	2	1.8	0.96	74	800	0.2	2	0.03	0.2	4	22	48	3.82	5	130	0.21	10	0.08	285	10	0.01	20	1370	18	2	0	228	0	5	5	93	5	122	
71D2200	2	6.2	0.41	42	180	0.2	2	0.01	0.2	1	31	27	3.46	5	310	0.37	5	0.02	45	10	0	13	1920	34	2	4	270	0	5	5	75	5	48	
71D2300	2	1	0.99	50	880	0.5	2	0.08	0.2	5	23	58	2.83	5	680	0.26	10	0.07	295	6	0.01	22	960	22	1	4	78	0	5	5	85	5	108	
71D2400	2	1.4	1.07	22	640	0.5	1	0.03	1	21	16	90	4.01	5	150	0.28	10	0.07	1885	4	0.01	30	940	26	1	1	37	0	5	5	58	5	172	CREEK AT 2300m
71D2500	2	0.2	0.97	26	290	0.2	1	0	0.2	7	17	50	3.45	5	40	0.25	10	0.06	145	5	0	26	870	20	2	2	29	0	5	5	76	5	166	
71D2600	2	0.2	0.99	34	260	0.2	1	0.01	0.2	5	17	49	3.39	5	40	0.24	5	0.06	110	4	0.01	23	1040	18	4	1	33	0	5	5	78	5	122	
71D2700	2	0.2	0.74	60	190	0.2	1	0.01	0.2	5	12	34	3.21	5	40	0.1	5	0.05	295	3	0.01	16	700	14	2	0	24	0	5	5	54	5	96	
71D2800	2	0.4	1.08	84	300	0.5	1	0.02	0.2	7	20	67	4.95	5	60	0.16	10	0.07	790	5	0	23	1320	28	6	1	21	0	5	5	73	5	148	
71D2900	2	1.4	0.84	432	530	0.5	1	0.07	1.5	5	29	53	4.52	5	190	0.16	10	0.1	170	10	0	33	1610	38	12	1	104	0	5	5	157	5	244	CREEK AT 2930m
71D3000	2	2.8	0.97	56	1030	0.5	1	0.49	10	9	40	133	3.79	5	560	0.18	20	0.13	345	29	0	121	2140	14	12	3	127	0	5	5	369	5	982	CREEK AT 2965m
71D3100	2	17.4	1.23	54	190	0.5	1	0.37	2	1	148	141	4.33	5	1110	0.32	10	0.06	50	20	0	48	6980	10	10	1	146	0.01	5	10	600	5	190	
71F0000	5	0.6	0.36	24	50	0.2	2	0.04	0.2	0	3	9	0.14	5	150	0.03	5	0.03	5	1	0.07	0	340	16	2	0	6	0	5	5	8	5	6	
71F0100	60	2.6	0.56	494	150	0.2	14	0.03	0.2	0	7	24	1.32	5	190	0.1	5	0.05	35	3	0.06	4	720	60	12	0	18	0	5	5	20	5	44	Poss. mixed tilt+ talus
71F0200	350	8.6	0.53	3090	430	0.2	88	0.01	0.5	1	16	64	4.53	5	490	0.24	20	0.06	95	10	0	8	1620	414	114	3	46	0	5	5	46	5	162	Base of talus slope
71F0300	440	7.8	0.43	2770	400	0.2	70	0.01	0.5	1	13	49	3.74	5	480	0.22	10	0.05	90	10	0	6	1400	348	106	4	39	0	5	5	39	5	132	Talus field
71F0400	480	8.6	0.72	3040	530	0.2	78	0.01	0.5	2	19	61	4.6	5	850	0.33	30	0.08	110	11	0.01	10	1660	434	116	6	50	0	5	5	56	5	166	CPC + as. scor in talus
71F0500	255	9.8	1.04	1880	530	0.2	44	0.01	1	3	24	102	5.21	5	1430	0.32	30	0.12	190	11	0.01	16	2080	586	84	7	83	0	5	5	70	5	252	Fine talus
71F0600	435	9	0.82	2960	520	0.2	72	0.01	0.5	1	19	80	4.84	5	740	0.31	20	0.07	120	10	0	9	1750	438	130	5	50	0	5	5	55	5	178	Talus fines
71F0700	49	7	1.04	342	470	0.5	1	0.03	1	5	21	130	4.85	5	140	0.21	30	0.07	515	11	0.01	29	1680	238	26	3	104	0	5	5	74	5	296	Talus fines
71F0800	35	5.8	0.65	244	290	0.2	1	0.01	0.5	2	11	79	3.18	5	300	0.13	20	0.04	150	6	0.02	11	1200	258	22	1	62	0	5	5	38	5	156	Soil dev. over talus
71F0900	80	4.8	0.74	428	140	0.2	8	0.05	0.5	2	13	82	3.12	5	400	0.07	10	0.07	135	7	0.02	13	1580	294	48	1	30	0	5	5	40	5	246	Colluvium + talus
71F1000	280	14.4	0.53	1205	350	0.2	46	0.01	1.5	2	16	60	3.89	5	500	0.18	30	0.1	65															

Target #71

Soil Sample Description Sheet

ASAMP	Au_ppb	Ag	Al	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn	Comments	
71B 0000	2	0.4	1.06	10	710	0.2	2	0.05	0.2	1	21	1.49	5	50	0.08	5	0.1	65	3	0.02	8	860	12	1	0	20	0.01	5	5	77	5	38	In col, CH pebble cong
71B 0100	2	1.2	0.46	14	2300	0.2	1	0.01	0.2	0	16	0.41	5	210	0.11	5	0.01	15	2	0.01	6	980	10	2	1	39	0	5	5	56	5	4	Talus field
71B 0200	2	1	0.65	12	2010	0.2	1	0.02	0.2	0	19	0.91	5	120	0.13	5	0.03	40	3	0.02	7	1020	12	1	1	35	0	5	5	82	5	18	Talus field
71B 0300	2	1.4	0.65	6	1100	0.2	1	0.01	0.2	0	17	0.66	5	320	0.11	5	0.02	15	2	0.05	5	690	8	1	1	22	0	5	5	68	5	8	Talus field; contam. by ash
71B 0400	2	2	0.75	14	1020	0.2	2	0.03	0.2	1	20	1.33	5	230	0.12	5	0.04	60	4	0.04	8	680	12	2	1	24	0.01	5	5	88	5	24	Talus field; contam. by ash
71B 0500	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	Stream
71B 0600	2	0.6	0.51	10	380	0.2	1	0.01	0.2	1	15	2.7	5	180	0.19	5	0.04	45	13	0	12	1500	14	2	1	30	0	5	5	106	5	78	
71B 0700	2	1	0.69	22	480	0.2	1	0.03	0.5	3	18	50	5	110	0.19	5	0.06	195	13	0	20	1340	14	1	1	49	0	5	5	63	5	90	
71B 0800	2	1.4	0.86	16	250	0.2	1	0.03	0.2	3	20	21	5	60	0.11	10	0.08	105	6	0	13	410	12	1	1	20	0.02	5	5	127	5	80	
71B 0900	2	1	0.43	6	400	0.2	1	0.04	0.2	1	13	20	5	70	0.11	5	0.03	45	3	0	8	680	6	1	0	18	0.01	5	5	60	5	48	
71B 1000	2	0.1	0.39	6	340	0.2	1	0.01	0.2	1	12	19	5	20	0.1	10	0.02	35	4	0	8	350	2	1	0	16	0	5	5	63	5	48	Coarse, sandy soil
71B 1100	2	0.4	0.68	8	360	0.2	1	0.01	0.2	1	19	25	5	40	0.12	5	0.03	30	6	0.02	8	770	10	1	0	21	0	5	5	96	5	42	Coarse, sandy soil
71B 1200	2	1.4	0.69	12	410	0.2	1	0.01	0.5	1	34	59	5	170	0.14	5	0.04	30	12	0	33	1040	14	2	0	73	0	5	5	284	5	162	
71B 1300	2	0.2	0.39	2	170	0.2	1	0.01	0.2	0	15	8	5	40	0.06	10	0.02	10	2	0	4	370	2	1	0	9	0	5	5	61	5	24	Coarse, sandy soil
71B 1400	2	2	0.91	10	550	0.2	1	0.08	1	1	30	49	5	720	0.08	5	0.04	25	10	0.01	24	1800	10	1	0	43	0	5	5	211	5	122	Sandy soil
71B 1500	2	1.2	0.71	22	470	0.5	1	0.01	1	1	28	120	5	410	0.07	10	0.03	20	37	0.01	59	1760	4	8	0	93	0	5	5	280	5	354	Sandy soil
71B 1600	2	5.2	0.65	16	790	0.5	1	0.27	4.5	1	56	98	5	820	0.13	10	0.05	30	28	0	79	1590	10	12	1	214	0	5	5	483	5	404	
71B 1700	2	2.6	0.64	18	740	0.5	2	0.1	6	3	36	101	5	380	0.14	10	0.04	55	16	0	53	1390	12	4	1	90	0	5	5	240	5	344	
71B 1800	2	4	0.66	20	860	0.5	1	0.64	9	5	45	132	5	1300	0.17	10	0.07	190	21	0	106	2100	10	8	3	182	0	5	5	304	5	734	Sandy/silty soil
71B 1900	2	0.6	0.69	12	210	0.2	1	0.02	0.2	1	25	25	5	100	0.08	10	0.06	35	8	0	14	610	12	2	0	18	0	5	5	163	5	74	Sandy soil
71B 2000	2	2.4	0.92	22	480	0.2	1	0.08	0.5	4	33	35	5	270	0.15	10	0.09	60	11	0	33	1130	16	1	1	59	0	5	5	212	5	166	Sandy soil; Ls above
71B 2100	2	0.6	0.32	22	140	0.2	1	0	0.2	1	12	20	5	30	0.06	10	0.01	50	5	0	13	360	8	2	0	14	0	5	5	103	5	110	Wk. lim; sandy; ash layer
71B 2200	2	2	0.81	18	750	0.2	2	0.67	0.5	0	19	22	5	620	0.07	10	0.13	40	10	0	54	1100	16	1	1	46	0.01	5	5	99	5	112	Clay-rich
71B 2300	2	4.4	0.53	58	330	0.2	1	0.01	0.2	1	35	41	5	90	0.12	10	0.03	30	23	0	23	1330	18	6	0	111	0	5	5	282	5	176	Clay-rich
71B 2400	2	1.6	0.83	28	360	0.2	2	0.02	0.2	1	29	39	5	200	0.14	10	0.05	35	10	0	16	1240	16	2	0	62	0	5	5	160	5	102	Coarse, sandy soil
71B 2500	2	1.4	0.54	42	320	0.2	1	0.01	0.2	2	21	30	5	70	0.14	10	0.03	50	11	0	18	800	28	4	0	51	0	5	5	147	5	120	Coarse, sandy soil
71B 2600	35	5.4	3.85	200	1020	2	2	0.14	1.5	6	94	215	5	1860	0.23	10	0.06	175	38	0	86	8310	36	18	13	275	0	5	5	412	5	368	S. bank of stream
71B 2700	20	1.6	0.32	4	320	0.2	1	0	0.2	0	12	25	5	640	0.08	10	0.01	5	3	0	5	280	22	1	0	33	0	5	5	35	5	6	Silty/sandy soil
71B 2800	2	1.8	0.76	28	390	0.2	1	0.03	0.2	1	24	17	5	90	0.12	10	0.05	40	8	0	10	1290	16	2	1	51	0.01	5	5	165	5	68	Gravelly
71B 2900	2	2	0.7	26	320	0.2	1	0.03	0.2	1	26	19	5	60	0.11	10	0.05	40	9	0	13	1140	16	4	1	62	0	5	5	198	5	92	Sandy soil; wk. lim.
71B 3000	2	1	0.99	32	250	0.2	2	0.02	0.2	2	28	14	5	50	0.09	10	0.08	70	10	0	13	920	18	2	0	44	0	5	5	223	5	76	Mod. limonitic
71C 0000	2	0.2	0.4	1	130	0.2	1	0.09	0.2	1	5	9	5	30	0.06	5	0.04	45	0	0.06	3	670	1	1	0	12	0.02	5	5	36	5	24	POOR HORIZON DEVELOP.
71C 0100	30	10.2	0.44	6	300	0.5	1	0.04	0.5	0	49	161	5	1690	0.34	5	0.04	20	9	0	38	1450	14	1	3	55	0	5	5	183	5	38	
71C 0200	5	6.2	0.68	14	340	0.5	1	0.1	1.5	2	42	115	5	470	0.23	5	0.04	90	11	0.01	42	2890	26	1	1	89	0	5	5	224	5	98	
71C 0300	2	0.2	0.34	1	150	0.2	1	0.02	0.2	1	8	14	5	40	0.07	5	0.03	40	1	0.05	8	480	6	1	0	18	0	5	5	47	5	32	
71C 0400	2	0.2	0.23	1	50	0.2	1	0.03	0.2	0	3	5	5	30	0.03	5	0.03	20	0	0.07	1	240	1	1	0	5	0.01	5	5	17	5	8	
71C 0500	2	1.2	0.72	4	270	0.2	1	0.06	0.2	8	13	39	5	100	0.1	5	0.07	435	3	0.05	13	780	14	1	1	26	0.01	5	5	53	5	54	
71C 0600	2	0.6	1.13	6	410	0.2	1	0.07	0.2	4	22	34	5	160	0.07	5	0.05	250	1	0.05	12	740	8	1	0	32	0.01	5	5	85	5	80	
71C 0700	2	1.6	0.51	4	190	0.2	2	0.05	0.5	4	9	22	5	120	0.07	5	0.04	30	5	0.06	5	530	6	1	0	15	0.02	5	5	44	5	40	
71C 0800	2	0.8	0.42	2	170	0.2	2	0.03	0.2	1	9	11	5	1010	0.42	5	0.05	335	27	0.01	31	2180	44	6	3	132	0	5	5	183	5	140	
71C 0900	20	5.2	0.5	76	200	0.2	2	0.03	0.2	5	28	75	5	230	0.18	5	0.08	245	10	0.01	17	1210	24	2	2	54	0.01	5	5	105	5	90	
71C 1000	5	2	0.87	22	520	0.2	2	0.01	0.2	5	23	53	5	20	0.02	5	0.03	25	0	0.07	1	250	1	1	0	5	0.01	5	5	21	5	10	At creek
71C 1100	2	0.6	0.21	1	50	0.2	1	0.02	0.2	1	3	4	5	60	0.14	5	0.04	45	5	0.01	6	620	6	1	0	4	0.02	5	5	15	5	6	
71C 1200	2	0.2	0.45	1	40	0.2	1	0.03	0.2	0	2	3	5	60	0.16	5	0.08	245	5	0.02	17	910	16	2	1	43	0.01	5	5	92	5	104	
71C 1300	2	0.8	0.7	8	510	0.2	1	0.04	0.2	1	18	27	5	40	0.05	5	0.05	30	1	0.07	3	520	6	1	1	14	0.02	5	5	45	5	16	
71C 1400	2	1	0.64	10	1370	0.2	1	0.02	0.2	0	19	29	5	20	0.12	10	0.04	40	3	0.04	7	740	6	1	0	12	0.01	5	5	28	5	12	
71C 1500	2	0.6	0.83	14	810	0.2	1	0.03	0.2	5	22	50	5	50	0.23	10	0.09	120	10	0.01	22	1700	22	1	0	69	0.01	5	5	182	5	120	
71C 1600	2	0.6	0.7	2	280	0.2	1	0.08	0.2	1	12	34	5	90	0.09	5	0.03	90	5	0.06	9	520											

Target #71
Soil Sample Description Sheet

ASAMP	AU	pt	Pq	AI	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn	Comments
71B 0000	2	0.4	106	710	0.2	1	0.05	0.2	1	21	20	1.49	5	50	0.08	5	0.1	65	3	0.02	8	860	12	1	0	20	0.01	5	5	77	5	36	In col. CH pebble cong
71B 0100	2	1.2	046	2300	0.2	1	0.01	0.2	0	16	15	0.41	5	210	0.11	5	0.01	15	2	0.01	6	980	10	2	1	39	0	5	5	56	5	4	Talus field
71B 0200	2	1	065	2100	0.2	1	0.02	0.2	0	19	35	0.91	5	120	0.13	5	0.03	40	3	0.02	7	1020	10	1	1	35	0	5	5	82	5	18	Talus field
71B 0300	2	1.4	065	1100	0.2	1	0.01	0.2	0	17	23	0.66	5	320	0.11	5	0.02	15	2	0.05	5	690	8	1	1	22	0	5	5	68	5	8	Talus field; contam. by ash
71B 0400	2	2	075	1020	0.2	2	0.03	0.2	1	20	33	1.33	5	230	0.12	5	0.04	60	4	0.04	8	680	12	2	1	24	0.01	5	5	88	5	24	Talus field; contam. by ash
71B 0500	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	Stream
71B 0520	2	1.4	074	710	0.2	2	0.01	0.2	1	19	44	2.7	5	180	0.19	5	0.04	45	13	0	12	1500	14	2	1	30	0	5	5	106	5	78	
71B 0600	2	0.6	051	380	0.2	1	0.01	0.2	1	15	30	1.75	5	60	0.18	5	0.03	60	10	0	12	1070	10	1	0	26	0	5	5	63	5	90	
71B 0700	2	1	069	480	0.2	1	0.03	0.5	3	18	50	3.11	5	110	0.19	5	0.06	195	13	0	12	1070	10	1	0	26	0	5	5	63	5	90	
71B 0800	2	1.4	085	250	0.2	1	0.03	0.2	3	20	21	2.56	5	60	0.11	10	0.08	105	6	0	13	410	12	1	1	20	0.02	5	5	127	5	80	
71B 0900	2	1	043	400	0.2	1	0.04	0.2	1	13	20	2.07	5	70	0.11	5	0.03	45	3	0	8	680	6	1	0	18	0.01	5	5	60	5	48	
71B 1000	2	0.1	039	340	0.2	1	0.01	0.2	1	12	19	1	5	20	0.1	10	0.02	35	4	0	6	350	2	1	0	16	0	5	5	63	5	48	Coarse, sandy soil
71B 1100	2	0.4	068	360	0.2	1	0.01	0.2	1	19	25	1.22	5	40	0.12	5	0.03	30	6	0.02	8	770	10	1	0	21	0	5	5	96	5	42	Coarse, sandy soil
71B 1200	2	1.4	089	410	0.2	1	0.01	0.5	1	34	59	1.65	5	170	0.14	5	0.04	30	12	0	33	1040	14	2	0	73	0	5	5	284	5	162	
71B 1300	2	0.2	038	170	0.2	1	0.01	0.2	0	15	8	0.33	5	40	0.06	10	0.02	10	2	0	4	370	2	1	0	9	0	5	5	61	5	24	Coarse, sandy soil
71B 1400	2	2	091	550	0.2	1	0.08	1	1	30	49	1.53	5	720	0.08	5	0.04	25	10	0.01	24	1800	10	1	0	43	0	5	5	211	5	122	Coarse, sandy soil
71B 1500	2	1.2	071	470	0.5	1	0.01	1	1	28	120	3.66	5	410	0.07	10	0.03	20	37	0.01	59	1760	4	8	0	93	0	5	5	280	5	354	Coarse, sandy soil
71B 1600	2	5.2	065	760	0.5	1	0.27	4.5	1	56	98	1.86	5	820	0.13	10	0.05	30	26	0	79	1590	10	12	1	214	0	5	5	463	5	404	Sandy soil
71B 1700	2	2.6	064	740	0.5	2	0.1	6	3	36	101	1.84	5	390	0.14	10	0.04	55	16	0	53	1390	12	4	1	90	0	5	5	240	5	344	
71B 1800	2	4	065	660	0.5	1	0.64	9	5	45	132	2.16	5	1300	0.17	10	0.07	190	21	0	106	2100	10	8	3	182	0	5	5	304	5	734	Sandy/silty soil
71B 1900	2	0.6	069	210	0.2	1	0.02	0.2	1	25	25	1.25	5	100	0.08	10	0.06	35	8	0	14	610	12	2	0	18	0	5	5	163	5	74	Sandy soil
71B 2000	2	2.4	082	480	0.2	1	0.08	0.5	4	33	35	2.09	5	270	0.15	10	0.09	80	11	0	33	1130	16	1	1	59	0	5	5	212	5	166	Sandy soil; Ls above
71B 2100	2	0.6	032	140	0.2	1	0	0.2	1	12	20	1.45	5	30	0.06	10	0.01	50	5	0	13	360	8	2	0	14	0	5	5	103	5	60	Wk. lim; sandy; ash layer
71B 2200	2	2	091	750	0.2	2	0.67	0.5	0	19	22	2.68	5	620	0.07	10	0.13	40	10	0	54	1100	18	1	1	46	0.01	5	5	99	5	112	Clay-rich
71B 2300	2	4.4	053	330	0.2	1	0.01	0.2	1	35	41	2.73	5	90	0.12	10	0.03	30	23	0	23	1330	18	6	0	111	0	5	5	282	5	176	Clay-rich
71B 2400	2	1.6	063	360	0.2	2	0.02	0.2	1	29	39	1.67	5	200	0.14	10	0.05	35	10	0	16	1240	16	2	0	62	0	5	5	160	5	102	Coarse, sandy soil
71B 2500	2	1.4	054	320	0.2	1	0.01	0.2	2	21	31	1.85	5	70	0.14	10	0.03	50	11	0	18	800	28	4	0	51	0	5	5	147	5	120	Coarse, sandy soil
71B 2600	35	5.4	065	1020	2	2	0.14	1.5	6	94	215	7.04	5	1860	0.23	10	0.06	175	38	0	86	8310	36	18	13	275	0	5	5	412	5	368	Coarse, sandy soil
71B 2700	20	1.6	032	320	0.2	1	0	0.2	0	12	25	0.38	5	640	0.08	10	0.01	5	3	0	5	280	22	1	0	33	0	5	5	35	5	8	S. bank of stream
71B 2800	2	1.8	066	390	0.2	1	0.03	0.2	1	24	17	1.82	5	90	0.12	10	0.05	40	8	0	10	1290	16	2	1	51	0.01	5	5	165	5	68	Silty/sandy soil
71B 2900	2	2	07	320	0.2	1	0.03	0.2	1	26	19	1.78	5	60	0.11	10	0.05	40	9	0	13	1140	16	4	1	62	0	5	5	198	5	92	Gravelly
71B 3000	2	1	069	250	0.2	2	0.02	0.2	2	28	14	2.36	5	60	0.09	10	0.08	70	10	0	13	920	18	2	0	44	0	5	5	223	5	76	Sandy soil; wk. lim.
71C 0000	2	0.2	04	300	0.5	1	0.04	0.5	0	49	161	1.88	5	1690	0.34	5	0.04	20	9	0	38	670	1	1	0	12	0.02	5	5	36	5	24	Mod. limonitic
71C 0100	30	10.2	084	340	0.5	1	0.1	1.5	2	42	115	2.91	5	470	0.23	5	0.04	90	11	0.01	42	2890	26	1	1	89	0	5	5	224	5	98	POOR HORIZON DEVELOP.
71C 0200	5	6.2	088	14	340	0.5	1	0.4	0	49	161	1.88	5	1690	0.34	5	0.04	20	9	0	38	670	1	1	0	12	0.02	5	5	36	5	24	POOR HORIZON DEVELOP.
71C 0300	2	0.2	034	190	0.2	1	0.02	0.2	1	6	14	1.01	5	40	0.07	5	0.03	40	1	0.05	8	480	6	1	0	18	0	5	5	47	5	32	
71C 0400	2	0.2	033	50	0.2	1	0.03	0.2	0	3	5	0.46	5	30	0.03	5	0.03	20	0	0.07	1	240	1	1	0	5	0.01	5	5	17	5	8	
71C 0500	2	1.2	082	270	0.2	1	0.06	0.2	8	13	39	1.39	5	100	0.1	5	0.07	435	3	0.05	13	780	14	1	1	26	0.01	5	5	53	5	54	
71C 0600	2	0.6	033	410	0.2	1	0.07	0.2	4	22	34	2.27	5	50	0.11	5	0.15	170	4	0.01	19	900	14	1	1	32	0.01	5	5	85	5	80	
71C 0700	2	1.6	051	190	0.2	2	0.05	0.5	4	9	22	1.37	5	160	0.07	5	0.05	250	1	0.05	12	740	8	1	0	15	0.02	5	5	44	5	40	
71C 0800	2	0.6	042	170	0.2	2	0.03	0.2	1	9	9	1.22	5	120	0.07	5	0.04	30	5	0.08	5	530	6	1	0	12	0	5	5	61	5	24	
71C 0900	20	5.2	05	200	0.2	2	0.03	0.2	5	28	75	8.7	5	1010	0.42	5	0.05	335	27	0.01	31	2180	44	6	3	132	0	5	5	183	5	140	
71C 1000	6	2	067	520	0.2	2	0.01	0.2	5	23	53	3.88	5	230	0.18	5	0.08	245	10	0.01	17	1210	24	2	2	54	0.01	5	5	105	5	90	
71C 1100	2	0.6	031	50	0.2	1	0.02	0.2	1	3	4	0.56	5	20	0.03	5	0.02	30	0	0.06	1	260	1	1	0	5	0.01	5	5	21	5	10	At creek
71C 1200	2	0.2	046	40	0.2	1	0.03	0.2	0	2	3	0.53	5	20	0.02	5	0.03	25	0	0.07	1	250	1	1	0	4	0.02	5	5	15	5	6	
71C 1300	2	0.6	037	510	0.2	1	0.04	0.2	1	18	27	1.82	5	70	0.14	5	0.04	45	5	0.01	6	620	6	1	1	19	0	5	5	109	5	50	
71C 1400	2	1	084	1370	0.2	1	0.02	0.2	0	19	29	1.69	5	60	0.14	5	0.04	25	5	0	4	820	18	1	1	45	0	5	5	67	5	18	
71C 1500	2	0.6	035	810	0.2	1	0.03	0.2	5	22	50	2.84	5	60	0.16	5	0.08																

Soil Sample Description Sheet

Sample	X_Coord	Y_Coord	Zone	Horizon	Depth cm	Slope Ang	Colour	Penm/ross	Cse Frags	vegetation	Surf. C	Frag. Lith	Organic	Date	Name
71J 1700	368267.21	7013650.85	9	B	20	st	brn		30	ld	Cv	CPC	0	9/8/97	SE
71J 1800	368286.08	7013749.15	9	B	10	st	brn		30	ld	Cv	CPC	0	9/8/97	SE
71J 1900	368304.85	7013847.36	9	B	10	st	brn		30	ld	Cv	CPC	0	9/8/97	SE
71J 2000	368323.81	7013945.56	9	B	10	st	brn		30	ld	Cv	CPC	0	9/8/97	SE
71J 2100	368342.68	7014043.77	9	B	0	st	brn		40	ld	Cv	CPC	10	9/8/97	SE
71J 2200	368361.55	7014141.97	9	B	0	st	brn		50	ld	Cv	CPC	10	9/8/97	SE
71J 2300	368380.41	7014240.17	9	B	10	st	brn		20	ld	Cv	CPC	10	9/8/97	SE
71J 2400	368399.28	7014338.38	9	B	0	st	brn		10	ld	Cv	CPC	0	9/8/97	SE
71J 2500	368418.15	7014436.58	9	B	0	st	brn		30	ld	Cv	CPC	0	9/8/97	SE
71J 2600	368436.98	7014534.78	9	B	10	st	brn		30	ld	Cv	SS	10	9/8/97	SE
71J 2700	368455.81	7014633.01	9	B	0	st	brn		30	ld	Cv	SS	0	9/8/97	SE
71J 2800	368474.64	7014731.24	9	B	20	st	brn		20	ld	Cv	SS	0	9/8/97	SE
71J 2900	368493.47	7014829.47	9	B	30	mod	brn		20	cf	Cv	SS	0	9/8/97	SE
71Z 0000	365931.51	7017513.62	9	B	20	st	brn		20	cf	Cv	SS	0	9/8/97	SE
71Z 0050	365953.82	7017468.92	9	B	30	st	brn		10	ld	ff	CH	20		SE
71Z 0100	365976.33	7017424.22	9	B	20	st	brn		0	ld	ff	CPC	20		SE
71Z 0150	365998.73	7017379.53	9	AB	30	st	brn		10	ld	ff	CPC	50		SE
71Z 0200	366021.14	7017334.83	9	A	30	st	blk		20	ld	ff	CPC	50		SE
71Z 0250	366043.55	7017290.13	9	B	10	st	brn		10	ld	ff	CPC	80		SE
					0	st	brn		30	ld	ff	CPC	10		SE

Soil Sample Description Sheet

Sample	X Coord	Y Coord	Line	Horizon	Depth cm	Slope Ang	Colour	Permafrost	Cse_Frags	Vegetation	Surf_Gr	Frag_Lith	Organics	Date	Name
71H 1500	368873.54	7014684.56	9	B	0	st	gy		40	rw	ff	CPC	0		SE
71H 1550	368882.11	7014652.73	9	A	10	st	bm								SE
71H 1600	368888.67	7014620.91	9	B	10	st	bm								SE
71H 1650	368895.31	7014544.71	9	B	20	st	bm								SE
71H 1700	368901.67	7014477.85	9	B	20	st	bm								SE
71H 1750	368905.03	7014410.98	9	B	20	st	bm								SE
71H 1800	368909.39	7014344.12	9	A	50	val	brn								SE
71H 1850	368913.75	7014277.26	9	B	20	val	brn								SE
71H 1900	368918.11	7014210.4	9	B	20	val	brn								SE
71H 1950	368922.47	7014143.54	9	B	20	st	brn								SE
71H 2000	368926.82	7014076.68	9	B	20	st	brn								SE
71H 2050	368931.17	7013990.3	9	B	20	st	brn								SE
71H 2100	368935.52	7013902.42	9	B	20	st	brn								SE
71H 2150	368939.87	7013814.54	9	B	20	st	brn								SE
71H 2200	368944.22	7013727.27	9	B	20	st	brn								SE
71H 2250	368948.57	7013640.39	9	B	10	st	brn								SE
71H 2300	368952.92	7013553.51	9	B	0	sed	dgy								SE
71H 2350	368957.27	7013466.63	9	B	0	st	brn								SE
71H 2400	368961.62	7013379.75	9	B	20	st	dbm								SE
71H 2450	368965.97	7013292.87	9	B	0	st	dbm								SE
71H 2500	368970.32	7013205.99	9	B	0	st	dbm								SE
71H 2550	368974.67	7013119.11	9	B	0	st	dbm								SE
71H 2600	368979.02	7013032.23	9	B	10	st	dbm								SE
71H 2650	368983.37	7012945.35	9	B	0	st	dbm								SE
71H 2700	368987.72	7012858.47	9	B	0	st	dbm								SE
71H 2750	368992.07	7012771.59	9	B	0	st	dbm								SE
71H 2800	368996.42	7012684.71	9	B	0	st	dbm								SE
71H 2850	369000.77	7012597.83	9	B	0	st	dbm								SE
71H 2900	369005.12	7012510.95	9	B	0	st	dbm								SE
71H 2950	369009.47	7012424.07	9	B	0	st	dbm								SE
71H 3000	369013.82	7012337.19	9	B	0	st	dbm								SE
71H 3050	369018.17	7012250.31	9	B	0	st	dbm								SE
71H 3100	369022.52	7012163.43	9	B	0	st	dbm								SE
71H 3150	369026.87	7012076.55	9	B	0	st	dbm								SE
71H 3200	369031.22	7011989.67	9	B	0	st	dbm								SE
71H 3250	369035.57	7011902.79	9	B	0	st	dbm								SE
71H 3300	369039.92	7011815.91	9	B	0	st	dbm								SE
71H 3350	369044.27	7011729.03	9	B	0	st	dbm								SE
71H 3400	369048.62	7011642.15	9	B	0	st	dbm								SE
71H 3450	369052.97	7011555.27	9	B	0	st	dbm								SE
71H 3500	369057.32	7011468.39	9	B	0	st	dbm								SE
71H 3550	369061.67	7011381.51	9	B	0	st	dbm								SE
71H 3600	369066.02	7011294.63	9	B	0	st	dbm								SE
71H 3650	369070.37	7011207.75	9	B	0	st	dbm								SE
71H 3700	369074.72	7011120.87	9	B	0	st	dbm								SE
71H 3750	369079.07	7011034.0	9	B	0	st	dbm								SE
71H 3800	369083.42	7010947.12	9	B	0	st	dbm								SE
71H 3850	369087.77	7010860.24	9	B	0	st	dbm								SE
71H 3900	369092.12	7010773.36	9	B	0	st	dbm								SE
71H 3950	369096.47	7010686.48	9	B	0	st	dbm								SE
71H 4000	369100.82	7010600.0	9	B	0	st	dbm								SE
71H 4050	369105.17	7010513.12	9	B	0	st	dbm								SE
71H 4100	369109.52	7010426.24	9	B	0	st	dbm								SE
71H 4150	369113.87	7010339.36	9	B	0	st	dbm								SE
71H 4200	369118.22	7010252.48	9	B	0	st	dbm								SE
71H 4250	369122.57	7010165.6	9	B	0	st	dbm								SE
71H 4300	369126.92	7010078.72	9	B	0	st	dbm								SE
71H 4350	369131.27	7009991.84	9	B	0	st	dbm								SE
71H 4400	369135.62	7009905.0	9	B	0	st	dbm								SE
71H 4450	369140.0	7009818.12	9	B	0	st	dbm								SE
71H 4500	369144.35	7009731.24	9	B	0	st	dbm								SE
71H 4550	369148.7	7009644.36	9	B	0	st	dbm								SE
71H 4600	369153.05	7009557.48	9	B	0	st	dbm								SE
71H 4650	369157.4	7009470.6	9	B	0	st	dbm								SE
71H 4700	369161.75	7009383.72	9	B	0	st	dbm								SE
71H 4750	369166.1	7009296.84	9	B	0	st	dbm								SE
71H 4800	369170.45	7009210.0	9	B	0	st	dbm								SE
71H 4850	369174.8	7009123.12	9	B	0	st	dbm								SE
71H 4900	369179.15	7009036.24	9	B	0	st	dbm								SE
71H 4950	369183.5	7008949.36	9	B	0	st	dbm								SE
71H 5000	369187.85	7008862.48	9	B	0	st	dbm								SE
71H 5050	369192.2	7008775.6	9	B	0	st	dbm								SE
71H 5100	369196.55	7008688.72	9	B	0	st	dbm								SE
71H 5150	369200.9	7008601.84	9	B	0	st	dbm								SE
71H 5200	369205.25	7008515.0	9	B	0	st	dbm								SE
71H 5250	369209.6	7008428.12	9	B	0	st	dbm								SE
71H 5300	369213.95	7008341.24	9	B	0	st	dbm								SE
71H 5350	369218.3	7008254.36	9	B	0	st	dbm								SE
71H 5400	369222.65	7008167.48	9	B	0	st	dbm								SE
71H 5450	369227.0	7008080.6	9	B	0	st	dbm								SE
71H 5500	369231.35	7007993.72	9	B	0	st	dbm								SE
71H 5550	369235.7	7007906.84	9	B	0	st	dbm								SE
71H 5600	369240.05	7007820.0	9	B	0	st	dbm								SE
71H 5650	369244.4	7007733.12	9	B	0	st	dbm								SE
71H 5700	369248.75	7007646.24	9	B	0	st	dbm								SE
71H 5750	369253.1	7007559.36	9	B	0	st	dbm								SE
71H 5800	369257.45	7007472.48	9	B	0	st	dbm								SE
71H 5850	369261.8	7007385.6	9	B	0	st	dbm								SE
71H 5900	369266.15	7007298.72	9	B	0	st	dbm								SE
71H 5950	369270.5	7007211.84	9	B	0	st	dbm								SE
71H 6000	369274.85	7007125.0	9	B	0	st	dbm								SE
71H 6050	369279.2	7007038.12	9	B	0	st	dbm								SE
71H 6100	369283.55	7006951.24	9	B	0	st	dbm								SE
71H 6150	369287.9	7006864.36	9	B	0	st	dbm								SE
71H 6200	369292.25	7006777.48	9	B	0	st	dbm								SE
71H 6250	369296.6	7006690.6	9	B	0	st	dbm								SE
71H 6300	369300.95	7006603.72	9	B	0	st	dbm								SE
71H 6350	369305.3	7006516.84	9	B	0	st	dbm								SE
71H 6400	369309.65	7006430.0	9	B	0	st	dbm								SE
71H 6450	369314.0	7006343.12	9	B	0	st	dbm								SE
71H 6500	369318.35	7006256.24	9	B	0	st	dbm								SE
71H 6550	369322.7	7006169.36	9	B	0	st	dbm								SE
71H 6600	369327.05	7006082.48	9	B	0	st	dbm								SE
71H 6650	369331.4	7005995.6	9	B	0	st	dbm								SE
71H 6700	369335.75	7005908.72	9	B	0	st	dbm								SE
71H 6750	369340.1	7005821.84	9	B	0	st	dbm								SE
71H 6800	369344.45	7005735.0	9	B	0	st	dbm								SE
71H 6850	369348.8	7005648.12	9	B	0	st	dbm								SE
71H 6900	369353.15	7005561.24	9	B	0	st	dbm								SE
71H 6950	369357.5	7005474.36													

Soil Sample Description Sheet

Sample	X_Coord	Y_Coord	Zone	Horizon	Depth cm	Slope Ang	Colour	Permafrost	Cse_Frags	Vegetation	Surf_Cov	Frag_Lith	Organic	Date	Name
71F 1400	366808.48	7014726.36	9	C	15	st	brn		65	td	ff	CPC	25	2/8/97	CS
71F 1500	366840	7014847.25	9	B	20	st	brn		55	td	ff	SH	15	2/8/97	CS
71G 0000	366392.3	7015470.43	9	B	0	st	brn		20	td	cv	SS	0		SE
71G 0050	366384.89	7015519.88	9	C	10	st	brn		60	td	ff	CH	0		SE
71G 0100	366377.48	7015569.33	9	B	0	st	brn		30	td	ff	CH	0		SE
71G 0150	366370.07	7015618.77	9	B	0	st	brn		20	td	ff	CPC	0		SE
71G 0200	366362.66	7015668.22	9	B	0	st	brn		20	td	ff	CPC	0		SE
71G 0250	366355.25	7015717.67	9	B	0	st	brn		20	td	ff	CPC	0		SE
71G 0300	366347.84	7015767.12	9	B	0	st	brn		20	td	ff	CPC	0		SE
71G 0350	366340.43	7015816.57	9	B	10	st	brn		10	td	ff	CPC	0		SE
71G 0400	366333.02	7015866.01	9	B	20	st	brn		30	td	ff	CPC	10		SE
71G 0450	366325.61	7015915.46	9	B	20	st	brn		10	td	ff	CH	10		SE
71G 0500	366318.21	7015964.91	9	B	20	val	brn		20	td	ff	CH	10		SE
71G 0550	366310.8	7016014.36	9	B	20	val	brn		20	td	ff	CPC	10		SE
71G 0600	366303.39	7016063.81	9	B	20	val	brn		10	td	ff	CPC	10		SE
71G 0650	366295.98	7016113.25	9	B	20	val	brn		10	td	ff	CPC	10		SE
71G 0700	366288.57	7016162.7	9	B	30	st	brn		10	td	ff	CPC	10		SE
71G 0750	366281.16	7016212.15	9	B	30	st	brn		10	td	ff	CPC	20		SE
71G 0800	366273.75	7016261.6	9	B	30	st	brn		10	td	ff	CPC	10		SE
71G 0850	366266.34	7016311.05	9	B	20	st	brn		20	td	ff	CPC	10		SE
71G 0900	366258.93	7016360.49	9	B	30	st	brn		20	td	ff	CPC	10		SE
71G 0950	366251.52	7016409.94	9	B	20	st	brn		10	td	ff	CPC	20		SE
71G 1000	366244.11	7016459.39	9	B	20	st	brn		10	td	ff	CPC	30		SE
71G 1050	366236.7	7016508.84	9	B	30	st	brn		30	td	ff	CPC	20		SE
71G 1100	366229.3	7016558.29	9	B	20	st	brn		40	td	ff	CPC	20		SE
71G 1150	366221.89	7016607.73	9	B	0	st	lgy		20	td	ff	CPC	20		SE
71G 1200	366214.48	7016657.18	9	B	0	st	lgy		0	td	ff	CPC	0		SE
71G 1250	366207.07	7016706.63	9	B	20	st	lgy		0	td	ff	CPC	0		SE
71G 1300	366199.66	7016756.08	9	BC	10	st	brn		10	td	ff	CPC	10		SE
71G 1350	366192.25	7016805.53	9	B	10	st	gry		40	td	ff	CPC	10		SE
71G 1400	366184.84	7016854.97	9	B	0	st	gry		10	td	ff	CPC	0		SE
71G 1450	366177.43	7016904.42	9	B	0	st	gry		20	td	ff	CPC	20		SE
71G 1500	366170.02	7016953.87	9	BC	0	st	gry		30	td	ff	CPC	0		SE
71G 1550	366162.61	7017003.32	9	B	0	st	gry		70	td	ff	CPC	0		SE
71G 1600	366155.21	7017052.77	9	B	20	st	gry		30	td	ff	CPC	10		SE
71G 1650	366147.8	7017102.21	9	B	30	st	dbm		30	td	ff	CPC	20		SE
71G 1700	366140.39	7017151.66	9	B	20	st	dbm		30	td	ff	CPC	20		SE
71G 1750	366132.98	7017201.11	9	B	0	st	dbm		30	td	ff	CPC	20		SE
71G 1800	366125.57	7017250.56	9	B	0	st	mgv		30	td	ff	CPC	0		SE
71G 1850	366118.16	7017300.01	9	B	0	st	mgv		20	td	ff	CPC	0		SE
71G 1900	366110.75	7017349.45	9	B	0	st	dgy		10	td	ff	CPC	0		SE
71G 1950	366103.34	7017398.9	9	B	0	st	dgy		10	td	ff	SH	0		SE
71G 2000	366095.93	7017448.35	9	B	20	st	dgy		10	td	ff	SH	20		SE
71H 0000	365991.06	7015421.55	9	B	20	rt	bk		10	td	ff	CPC	30		SE
71H 0100	365983.65	7015371.0	9	B	0	rt	dbm		0	td	cv	ARG	10		SE
71H 0200	365976.24	7015320.45	9	B	0	st	bk		20	td	ff	ARG	0		SE
71H 0300	365968.83	7015270.0	9	B	0	st	buf		60	nv	ff	ARG	0		SE
71H 0400	365961.42	7015219.45	9	B	0	st	buf		60	nv	ff	ARG	0		SE
71H 0500	365954.01	7015168.9	9	B	0	st	buf		60	nv	ff	ARG	0		SE
71H 0600	365946.6	7015118.35	9	B	0	st	buf		60	nv	ff	ARG	0		SE
71H 0700	365939.19	7015067.8	9	B	0	st	buf		60	nv	ff	ARG	10		SE
71H 0750	365931.78	7015017.25	9	B	0	st	buf		60	nv	ff	ARG	10		SE
71H 0800	365924.37	7014966.7	9	B	20	st	brn		10	td	ff	CPC	10		SE
71H 0850	365916.96	7014916.15	9	AB	30	m	brn		10	td	ff	CPC	10		SE
71H 0900	365909.55	7014865.6	9	B	10	st	brn		10	td	ff	CPC	30		SE
71H 0950	365902.14	7014815.05	9	AB	30	st	brn		30	td	ff	CPC	10		SE
71H 1000	365894.73	7014764.5	9	B	0	st	lgy		10	td	ff	CPC	40		SE
71H 1050	365887.32	7014714.0	9	B	20	st	dbm		20	nv	ff	QM	0		SE
71H 1100	365880.0	7014663.5	9	B	20	st	dbm		30	td	ff	SH	20		SE
71H 1150	365872.59	7014613.0	9	BC	20	st	gry		10	nv	ff	ARG	0		SE
71H 1200	365865.18	7014562.5	9	B	0	st	gry		50	td	ff	QM	0		SE
71H 1250	365857.77	7014512.0	9	B	0	st	gry		50	nv	ff	QM	0		SE
71H 1300	365850.36	7014461.5	9	B	0	st	gry		40	nv	ff	CPC	0		SE
71H 1350	365842.95	7014411.0	9	B	0	st	gry		40	nv	ff	CPC	0		SE
71H 1400	365835.54	7014360.5	9	B	10	st	org		20	td	ff	CH	10		SE
71H 1450	365828.13	7014310.0	9	BC	0	st	gry		70	nv	ff	CPC	0		SE
71H 1500	365820.72	7014259.5	9	B	10	st	brn		20	td	ff	CPC	10		SE
71H 1550	365813.31	7014209.0	9	B	20	st	brn		20	nv	ff	CPC	10		SE

Soil Sample Description Sheet

Sample	X Coord	Y Coord	Zone	Horizon	epth_cm	Slope_Ang	Colour	Permafrost	Cse_Frags	vegetation	Surf_Use	Frag_Lith	Organics	Date	Name
71C 3300	365912.7	7013942.16	9	B/C	15	st	blk		10	td	Cv	ARG	5	1/8/97	BKN
71C 3400	365881.64	7014037.21	9	B/C	15	st	ben		20	td	Cv	ARG	0	1/8/97	BKN
71C 3500	365850.58	7014132.27	9	C	15	st	blk		20	td	Cv	ARG	0	1/8/97	BKN
71D 0000	367326.68	7016519	9	B	10	rt	dbm		5	td		GW	5	8/1/97	DV
71D 0100	367242.52	7016464.99	9	B	15	mod	dbm		10	td		GW	20	8/1/97	DV
71D 0200	367158.36	7016410.98	9	B	10	mod	dbm		10	td		ARG	10	8/1/97	DV
71D 0300	367074.2	7016356.97	9	B	15	mod	dbm		20	bb		SS	10	8/1/97	DV
71D 0400	366990.04	7016302.96	9	B	15	mod	dbm		20	bb		CH	10	8/1/97	DV
71D 0500	366905.88	7016248.95	9	B	20	sl	dbm					CH	10	8/1/97	DV
71D 0600	366821.72	7016194.94	9	B	15	sl	dbm			scf		CH	10	8/1/97	DV
71D 0700	366737.56	7016140.83	9	B	10	sl	dbm			bb		CH	25	8/1/97	DV
71D 0800	366653.4	7016086.83	9	B	10	sl	dbm			bb		CPC		8/1/97	DV
71D 0900	366569.24	7016032.92	9	B	15	sl	dbm		10	td		CPC	15	8/1/97	DV
71D 1000	366485.08	7015978.91	9	B	10	sl	dbm		10	td		CPC	10	8/1/97	DV
71D 1100	366400.92	7015924.9	9	B	10	sl	dbm		40	td		CPC		8/1/97	DV
71D 1200	366316.75	7015870.88	9	B	10	mod	dbm		5	td		SLT	5	8/1/97	DV
71D 1300	366232.59	7015816.88	9	B	20	mod	dbm		40	td	ls	SLT		8/1/97	DV
71D 1400	366148.43	7015762.87	9	B	10	sl	dbm		20	td	ls	CPC	5	8/1/97	DV
71D 1500	366064.27	7015708.86	9	B	15	sl	dbm		15	td		CPC		8/1/97	DV
71D 1600	365980.11	7015654.85	9	B	15	mod	bl		10	td	ls	CPC	10	8/1/97	DV
71D 1700	365895.95	7015600.84	9	B	10	sl	dbm		40	td	ls	SLT	5	8/1/97	DV
71D 1800	365811.79	7015546.83	9	B	25	sl	bl		25	td		CPC	20	8/1/97	DV
71D 1900	365727.63	7015492.82	9	C	10	sl	bl		10	td	ls	SLT	20	8/1/97	DV
71D 2000	365643.47	7015438.81	9	B	15	sl	bl		80	td	ls	SLT		8/1/97	DV
71D 2100	365559.31	7015384.8	9	B	15	rt	bl		30	td	ls	SLT	20	8/1/97	DV
71D 2200	365533.53	7015327.37	9	B	15	mod	bl		15	td	ls	CH	10	8/1/97	DV
71D 2300	365533.29	7015275.37	9	B	15	sl	dbm		15	td	ls	CH		8/1/97	DV
71D 2400	365533.05	7015223.37	9	B	15	mod	dbm		25	td	ls	SLT	10	8/1/97	DV
71D 2500	365532.81	7014975.37	9	B	20	st	dbm		20	td	ls	CH	10	8/1/97	DV
71D 2600	365532.57	7014875.37	9	B	10	st	dbm		30	td		CH	10	8/1/97	DV
71D 2700	365532.33	7014775.37	9	B	10	st	dbm		25	td		CH	5	8/1/97	DV
71D 2800	365532.09	7014675.37	9	B	20	st	dbm		15	td		CH		8/1/97	DV
71D 2900	365531.85	7014575.37	9	B	15	mod	dbm		15	bb	ls	CH	5	8/1/97	DV
71D 3000	365531.61	7014475.37	9	B	20	td	bl		20	td	ls	CH	10	8/1/97	DV
71D 3100	365531.37	7014375.37	9	B	15	sl	bl		10	td	ls	CH	10	8/1/97	DV
71D 3200	365531.13	7014275.37	9	B	25	st	bl		20	td	ls	CH	10	8/1/97	DV
71D 3300	365530.89	7014175.37	9	C	20	mod	bl		25	td	ls	CH	5	8/1/97	DV
71F 0000	366713.64	7016038.94	9	B	15	sl	brn		75	td		CH	10	8/1/97	DV
71F 0050	366703.82	7015989.91	9	C	10	Gen	gry		5	td	Tf	CPC	20	2/8/97	CS
71F 0100	366684	7015940.89	9	B	25	Mod	brn		70	td	Tf	CPC	10	2/8/97	CS
71F 0150	366684.18	7015891.86	9	B	20	Mod	gry		60	rv	Ta	SH	5	2/8/97	CS
71F 0200	366674.36	7015842.83	9	C	20	Mod	gry		80	rv	Ta	CPC	5	2/8/97	CS
71F 0250	366664.54	7015793.81	9	C	25	Mod	gry		80	rv	Tf	CPC	5	2/8/97	CS
71F 0300	366654.72	7015744.78	9	C	20	st	gry		80	rv	Tf	CPC	5	2/8/97	CS
71F 0350	366644.9	7015695.76	9	C	15	st	gry		75	rv	Tf	CPC	5	2/8/97	CS
71F 0400	366635.09	7015646.73	9	B	25	st	brn		80	rv	Tf	CPC	5	2/8/97	CS
71F 0450	366625.27	7015597.7	9	B	25	st	brn		60	td	Ta	CPC	10	2/8/97	CS
71F 0500	366615.45	7015548.68	9	B	25	st	dbm		60	td	Cv	CPC	10	2/8/97	CS
71F 0550	366605.63	7015499.65	9	C	10	st	blk		50	td	Cv	CPC	10	2/8/97	CS
71F 0600	366595.81	7015450.62	9	C	15	st	blk		80	rv	Tf	SH	5	2/8/97	CS
71F 0650	366585.99	7015401.6	9	B	15	st	mgry		75	rv	Tf	SH	5	2/8/97	CS
71F 0700	366576.17	7015352.57	9	C	25	st	bufl		90	rv	Tf	CPC	5	2/8/97	CS
71F 0750	366576.15	7015314.25	9	C	10	st	bufl		95	rv	Tf	CPC	5	2/8/97	CS
71F 0800	366576.13	7015288.34	9	B	30	st	brn		85	rv	Tf	CPC	5	2/8/97	CS
71F 0850	366585.79	7015242.37	9	B	20	st	brn		45	rv	Tf	CPC	5	2/8/97	CS
71F 0900	366515.46	7015198.4	9	C	10	st	bufl		55	rv	Tf	CPC	5	2/8/97	CS
71F 0950	366635.12	7015150.43	9	C	35	st	brn		75	rv	Tf	CPC	5	2/8/97	CS
71F 1000	366854.78	7015104.46	9	B	10	st	brn		75	rv	Tf	CPC	5	2/8/97	CS
71F 1050	366674.44	7015058.49	9	B	25	st	bufl		60	rv	Tf	CPC	5	2/8/97	CS
71F 1100	366684.11	7015012.51	9	B	20	st	brn		65	rv	Tf	CPC	5	2/8/97	CS
71F 1150	366713.77	7014968.54	9	B	25	st	brn		60	rv	Tf	CPC	10	2/8/97	CS
71F 1200	366733.43	7014920.57	9	B	25	mod	brn		65	td	Ta	CPC	15	2/8/97	CS
71F 1250	366753.09	7014874.6	9	B	20	mod	brn		70	td	Ta	CPC	15	2/8/97	CS
71F 1300	366772.76	7014828.63	9	B	20	mod	brn		50	td	Ta	CPC	15	2/8/97	CS
71F 1350	366792.42	7014782.66	9	B	20	st	gry		40	td	Ta	CPC	5	2/8/97	CS

Target #71
Soil Sample Description Sheet

Sample	X Coord	Y Coord	Zone	Horizon	epth_cm	Slope	Ang	Colour	Permafrost	Cse	Frag	vegetation	Surf L	Frag_Lith	Organics	Date	Name	
71B 0000	363748.27	7012910.46	9	BAC	10	fl		brn			15	td	Cv	CONG		1/8/97	VN	
71B 0100	363742.4	7013010.29	9	C	5	st		mgv			20	nv	TT	CONG		1/8/97	VN	
71B 0200	363736.53	7013110.12	9	C	10	st		mgv			30	nv	TT	CONG		1/8/97	VN	
71B 0300	363730.66	7013209.94	9	BAC	10	gen		mgv			20	td	TT	CONG		1/8/97	VN	
71B 0400	363724.79	7013309.77	9	C	20	mod		mgv			50	td	Cv	CONG		1/8/97	VN	
71B 0500	363718.91	7013409.6	9	NS	N	vr						nv	Cv	CONG		1/8/97	VN	
71B 0520	363718.91	7013409.6	9	BAC	15	gen		brn			20	td	Cv	CONG		1/8/97	VN	
71B 0600	363713.04	7013509.42	9	BAC	10	mod		gbm			20	bb	Cv	CONG		1/8/97	VN	
71B 0700	363707.17	7013609.25	9	BAC	10	mod		gbm			20	td	Cv	CONG		1/8/97	VN	
71B 0800	363701.3	7013709.08	9	BAC	15	gen		gbm			15	scf	Cv	CONG		1/8/97	VN	
71B 0900	363695.43	7013808.91	9	BAC	15	mod		mgv			30	td	Cv	CONG	5	1/8/97	VN	
71B 1000	363689.55	7013908.73	9	C	10	mod		mgv			70	scf	Cv	CONG		1/8/97	VN	
71B 1100	363683.68	7014008.56	9	BAC	15	st		mgv			50	scf	Cv	CONG		1/8/97	VN	
71B 1200	363677.81	7014108.39	9	ANC	15	mod		brn			20	scf	Cv	CONG	15	1/8/97	VN	
71B 1300	363673.66	7014203.44	9	BAC	20	mod		mgv			15	scf	Cv	CONG		1/8/97	VN	
71B 1400	363669.54	7014303.45	9	BAC	20	rt		dgy			20	scf	Cv	CONG		1/8/97	VN	
71B 1500	363711.33	7014401.47	9	BAC	15	mod		gbm			15	scf	Cv	ARG		1/8/97	VN	
71B 1600	363731.13	7014499.49	9	C	20	st		dgy			40	scf	Cv	SH		1/8/97	VN	
71B 1700	363750.93	7014597.51	9	C	20	st		dgy	P		40	scf	Cv	SLT		1/8/97	VN	
71B 1800	363770.73	7014695.53	9	C	15	gen		dgy	P		25	cf	Cv	ARG		1/8/97	VN	
71B 1900	363790.53	7014793.55	9	BAC	15	mod		dgy	P		10	scf	Cv	ARG		1/8/97	VN	
71B 2000	363810.32	7014891.58	9	C	30	mod		dgy	P		50	scf	Cv	ARG		1/8/97	VN	
71B 2100	363830.12	7014989.6	9	BAC	30	gen		gbm	P		40	scf	Cv	SLT		1/8/97	VN	
71B 2200	363849.92	7015087.62	9	B	20	gen		mgv	P		5	scf	Cv			1/8/97	VN	
71B 2300	363869.72	7015185.64	9	BAC	25	gen		gbm	P		30	bb	Cv	ARG		1/8/97	VN	
71B 2400	363889.52	7015283.66	9	C	25	mod		gbm	P		30	scf	Cv	ARG		1/8/97	VN	
71B 2500	363839.61	7015372.76	9	C	30	mod		mgv	P		50	scf	Cv	ARG		1/8/97	VN	
71B 2600	363791.38	7015460.36	9	BAC	10	st		gbm	P		30	nv	Cv	ARG		1/8/97	VN	
71B 2700	363743.15	7015547.96	9	B	30	gen		bl	P			scf	Cv	ARG		1/8/97	VN	
71B 2800	363694.91	7015635.56	9	BAC	25	mod		gbm	P		25	bb	Cv			1/8/97	VN	
71B 2900	363646.68	7015723.16	9	B	25	st		gbm	P		10	bb	Cv			1/8/97	VN	
71B 3000	363598.45	7015810.76	9	B	15	rt		gbm	P		10	cf	Cv			1/8/97	VN	
71C 0000	366276.29	7010917.11	9	BAC	5	rt		tan			10	td	Cv	ARG	0	1/8/97	GDM	
71C 0100	366215.52	7010996.53	9	C	10	st		bk			10	td	Cv	ARG	0	1/8/97	GDM	
71C 0200	366154.76	7011075.95	9	C	10	st		bk			20	td	Cv	SH	0	1/8/97	GDM	
71C 0300	366093.99	7011155.37	9	BAC	10	st		brn			10	td	Cv	SH	0	1/8/97	GDM	
71C 0400	366033.23	7011234.79	9	B	10	st		tan			10	td	Cv	ARG	5	1/8/97	GDM	
71C 0500	365972.46	7011314.21	9	BAC	10	st		tan			80	td	Cv	ARG	10	1/8/97	GDM	
71C 0600	365911.7	7011393.63	9	BAC	10	rt		brn			30	td	Cv	ARG	5	1/8/97	GDM	
71C 0700	365862.37	7011448.16	9	BAC	10	st		bk			70	td	Cv	ARG	0	1/8/97	GDM	
71C 0800	365806.76	7011546.61	9	BAC	10	mod		brn			50	td	Cv	ARG	5	1/8/97	GDM	
71C 0900	365913.12	7011643.07	9	C	10	st		bk			50	td	Cv	SH	0	1/8/97	GDM	
71C 1000	365839.48	7011739.63	9	BAC	10	st		bk			30	td	Cv	CH	0	1/8/97	GDM	
71C 1100	365965.84	7011836	9	B	10	st		gy			10	td	Cv	CH	5	1/8/97	GDM	
71C 1200	365992.2	7011932.46	9	B	5	mod		brn			5	td	Cv	CH	0	1/8/97	GDM	
71C 1300	366018.56	7012028.92	9	B	10	mod		gy			20	td	Cv	CH	0	1/8/97	GDM	
71C 1400	366044.92	7012125.39	9	BAC	10	mod		dgy			20	td	Cv	CH	0	1/8/97	GDM	
71C 1500	366071.28	7012221.85	9	BAC	10	st		brn			70	td	Cv	CH	0	1/8/97	GDM	
71C 1600	366097.64	7012318.31	9	BAC	10	mod		brn			40	td	Cv	CPC	0	1/8/97	GDM	
71C 1700	366124	7012414.78	9	BAC	10	mod		brn			20	td	Cv	CPC	0	1/8/97	GDM	
71C 1800	366150.36	7012511.24	9	BAC	10	mod		brn			30	td	Cv	CPC	5	1/8/97	BKN	
71C 1900	366176.72	7012607.7	9	BAC	15	st		brn			10	td	Cv	CPC	5	1/8/97	BKN	
71C 2000	366203.08	7012704.17	9	BAC	10	mod		gy			20	td	Cv	CPC	5	1/8/97	BKN	
71C 2100	366229.44	7012800.63	9	BAC	15	mod		or			5	td	Cv	ARG	10	1/8/97	BKN	
71C 2200	366255.8	7012897.09	9	B	10	mod		dgy			25	td	Cv	CH	5	1/8/97	BKN	
71C 2300	366223.32	7012991.62	9	ANC	15	rt		bk			50	td	Cv	ARG	15	1/8/97	BKN	
71C 2400	366182.26	7013066.88	9	BAC	10	rt		brn			30	td	Cv	SH	5	1/8/97	BKN	
71C 2500	366161.2	7013181.73	9	BAC	10	st		brn			15	td	Cv	ARG	40	1/8/97	BKN	
71C 2600	366130.14	7013276.79	9	BAC	20	mod		dgy			0	td	Cv			5	1/8/97	BKN
71C 2700	366099.07	7013371.84	9	BAC	15	mod		gy			30	td	Cv	ARG	5	1/8/97	BKN	
71C 2800	366068.01	7013468.89	9	BAC	10	mod		gy			50	td	Cv	CH	5	1/8/97	BKN	
71C 2900	366036.95	7013561.95	9	BAC	15	mod		gy			30	td	Cv	CPC	5	1/8/97	BKN	
71C 3000	366005.89	7013657	9	B	10	mod		brn			10	td	Cv	CPC	10	1/8/97	BKN	
71C 3100	365974.82	7013752.05	9	BAC	15	mod		dgy			10	td	Cv	CPC	5	1/8/97	BKN	
71C 3200	365943.76	7013847.11	9	C	15	st		bk			10	td	Cv	ARG	0	1/8/97	BKN	

Target #71
Silt Sample Description Sheet

Sample N	X Coord	Y Coord	Traverse	Zone	Fines	Colour	Date	Name	assump	Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn	Comments
M458901T	364144.11	7016134.79	71G	9	20	org	29/8/9	SE	M458901	20	3.6	0.63	70	260	0.5	1	0.08	0.5	7	55	138	14.8	5	260	0.11	5	0.04	455	8	0	36	2430	12	6	6	47	0	5	5	128	5	270	550M
M458902T	364788.36	7015269.52	71I	9	80	bk	30/8/9	SE	M458902	110	2.2	0.16	232	360	0.2	1	0.03	0.2	1	12	40	3.62	5	850	0.13	5	0.01	85	7	0	11	1220	24	10	2	84	0	5	5	88	5	46	858M
M458903T	364728.2	7015383.48	71I	9	80	bk	30/8/9	SE	M458903	15	0.8	0.19	44	390	0.2	1	0.03	0.2	2	10	40	2.62	5	650	0.16	5	0.01	80	6	0	16	390	14	1	83	0	5	5	80	5	80	1005M	
M458904T	364730.1	7015466.45	71I	9	100	org	30/8/9	SE	M458904	10	6	0.12	430	110	0.2	2	0.01	0.2	0	76	22	15	5	280	0.09	5	0.01	20	21	0	5	10000	4	6	1	40	0	5	5	4050	5	24	1028M
M458905T	364351.01	7015701.72	71I	9	60	bk	30/8/9	SE	M458905	10	3.4	0.29	90	590	0.2	1	0.12	0.5	0	30	54	2.81	5	590	0.13	5	0.01	55	16	0	13	4400	18	6	4	106	0	5	5	183	5	48	1144M
M458907T	364295.71	7015867.46	71I	9	80	brn	30/8/9	SE	M458906	5	3	2.27	42	1070	1.5	1	0.36	15	44	33	130	2.04	5	560	0.12	5	0.09	4590	15	0	242	5650	14	2	3	73	0	5	5	174	5	1120	1479M
M458908T	364186.43	7015915.53	71I	9	40	mgv	30/8/9	SE	M458907	15	12	0.93	42	560	0.2	1	0.12	2	2	43	256	2.24	5	1200	0.19	5	0.05	50	27	0.01	28	4180	16	6	2	103	0	5	5	288	5	96	1556M
M458909T	363998.94	7016159.09	71I	9	70	bk	30/8/9	SE	M458908	15	3	0.44	68	810	0.5	1	0.17	1	2	32	127	3.05	5	340	0.16	5	0.02	95	12	0	19	2530	10	4	3	85	0	5	5	176	5	112	1586M
M458910T	363708.51	7016407.71	71I	9	90	bk	30/8/9	SE	M458909	10	3.8	0.87	26	1060	0.5	1	0.31	2.5	3	33	110	1.58	5	540	0.12	10	0.08	130	17	0	42	3210	10	6	3	148	0	5	5	180	5	128	2072M
M458911T	367327.5	7014365.43	71H	9	90	org	31/8/9	SE	M458910	2	1.2	0.35	696	140	0.2	2	0.03	0.2	0	127	105	15	5	420	0.1	5	0.01	60	7	0	13	3870	14	10	2	46	0	5	5	311	5	158	2433M
M515365T	366004.32	7011648.28	71C	9	50	or	1/8/97	GOM	M515365	10	1.4	0.76	24	210	0.5	1	0.03	0.2	10	18	79	15	5	160	0.14	5	0.07	3430	23	0	167	3140	14	2	3	85	0	5	5	150	5	844	2268M
M515366T	365896.5	7011178.28	71C	9	60	bk	1/8/97	GOM	M515366	10	2.2	0.46	22	410	0.2	1	0.06	0.2	4	24	71	4.36	5	200	0.16	5	0.04	215	8	0.02	37	3230	20	1	3	70	0	5	5	103	5	216	
M515367T	365898.6	7011012.48	71C	9	50	bk	1/8/97	GOM	M515367	10	3.2	0.42	16	230	0.2	1	0.08	0.5	1	25	101	6.92	5	360	0.13	5	0.03	85	9	0.03	33	2290	20	2	3	84	0	5	5	170	5	92	
M517707T	366842.83	7016251.14	71D	9	50	dbm	1/8/97	DV	M517707	25	2.6	1.31	20	830	0.5	1	0.81	6	6	20	90	2.51	5	520	0.18	5	0.14	665	5	0.01	154	2750	24	2	2	150	0	5	5	71	5	430	SWIFT CREEK BANK SAMPLE, LOTS OF ORGA
M517708T	366754.04	7016202.2	71D	9	90	bl	1/8/97	DV	M517708	5	1	1.02	44	590	1.5	1	0.16	5.5	16	22	264	4.2	5	210	0.14	5	0.06	1000	6	0	76	1440	14	6	4	82	0	5	5	91	5	456	SWIFT CREEK BANK SAMPLE, GRASSY
M517710T	365468.84	7015203.74	71D	9	60	bl	1/8/97	DV	M517710	20	2.6	0.41	60	550	0.2	1	0.02	0.2	0	37	61	4.73	5	720	0.17	10	0.04	75	7	0	12	1490	16	6	2	53	0	5	5	123	5	52	SWIFT CREEK BANK SAMPLE, LITTLE VEGETA
M517711T	365448.54	7014546.83	71D	9	80	bl	1/8/97	DV	M517711	10	4.4	0.84	54	840	0.5	1	1.17	21	15	39	144	3.03	5	710	0.22	10	0.2	535	22	0	203	2280	10	10	5	204	0	5	5	82	5	106	DRY CREEK CREEK SAMPLE, LITTLE VEGETA
M517954T	365488.3	7014478.29	71D	9	60	bl	1/8/97	DV	M517712	10	3.6	0.63	24	640	0.5	2	0.08	2	2	45	266	2.85	5	990	0.21	5	0.03	75	15	0	40	1890	12	4	3	108	0	5	5	224	5	166	SWIFT CREEK BANK SAMPLE, GRASSY
M517955T	369131.84	7011648.28	71E	9	60	mgry	31/7/9	CS	M517964	30	0.6	0.88	20	570	0.5	1	0.67	3.5	10	16	34	2.18	5	610	0.13	5	0.15	385	7	0	55	1870	12	1	4	55	0	5	5	88	5	396	Swift ck, mod abnt silt
M517956T	369058.79	7018369.69	71E	9	70	bk	31/7/9	CS	M517965	2	1.8	0.76	40	620	0.5	1	1.5	24	12	34	87	2.56	5	850	0.1	5	0.47	285	18	0	233	2860	14	1	6	139	0	5	5	224	5	2390	Scarce silt, moss mat
M517957T	370422.16	7015076.98	71E	9	80	mgv	31/7/9	CS	M517966	2	0.2	0.74	30	700	0.5	1	0.88	0.5	10	10	25	2.6	5	480	0.18	5	0.19	375	7	0	40	1880	12	4	5	44	0	5	5	38	5	164	Abnt silts, several sites
M517958T	371338.86	7017352.97	71E	9	85	mgv	31/7/9	CS	M517967	2	0.1	0.79	18	520	0.5	1	0.87	0.5	10	9	21	2.52	5	330	0.16	5	0.14	390	4	0.01	31	1570	10	1	5	41	0	5	5	27	5	122	Fairly abnt silt; dry stream
M517959T	371840.86	7017500.99	71E	9	70	mgv	31/7/9	CS	M517968	2	0.2	0.73	22	450	0.5	1	0.78	0.5	10	8	24	2.55	5	270	0.14	5	0.15	360	5	0	34	1770	14	2	5	47	0	5	5	29	5	138	Fairly abnt fine silt, small ck
M517960T	373048.44	7017151.59	71E	9	60	mgv	31/7/9	CS	M517969	2	0.1	0.79	24	600	0.5	1	0.78	0.5	10	8	24	2.55	5	270	0.14	5	0.15	360	5	0	34	1770	14	2	5	47	0	5	5	29	5	138	Fairly abnt fine silt, small ck
M517970T	372351.86	7015851.94	71E	9	60	mgv	31/7/9	CS	M517970	2	0.2	0.88	22	910	0.5	1	0.68	3	8	16	33	2.04	5	870	0.16	5	0.14	335	5	0	64	1730	10	1	4	78	0	5	5	83	5	544	Fairly abnt fine silt, small ck
M517971T	370161.24	7015153.08	71E	9	75	dgy	31/7/9	CS	M517971	2	0.8	1.84	142	830	1	2	1.12	29	22	28	117	6.47	5	720	0.15	5	0.18	585	23	0	360	5560	8	6	4	133	0	5	5	420	5	4180	Abnt silt, partial OSDr frags
M517972T	370087.88	7015084.68	71E	9	100	brn	31/7/9	CS	M517972	2	3	1.63	130	1810	0.5	1	0.07	3	0	47	90	5.58	5	450	0.04	5	0.02	15	84	0	17	10000	10	10	3	41	0	5	5	632	5	68	Almost all organics
M517973T	370087.88	7015084.68	71E	9	40	gry	31/7/9	CS	M517973	2	1	4.09	262	280	2	2	0.09	2.5	11	52	490	7.68	5	340	0.12	5	0.05	580	15	0	41	2400	10	6	4	50	0	5	5	193	5	248	Large creek, green sulphide stain
M517974T	366227.67	7015945.99	71D	9	30	gry	1/8/97	CS	M517974	5	1.6	0.7	50	410	0.5	1	0.35	3.5	18	17	116	4.05	5	210	0.15	5	0.11	1355	8	0	87	1310	22	6	4	96	0	5	5	67	5	380	Limited fine silt, small steep ck
M517975T	366021.87	7015705.59	71D	9	100	red	1/8/97	CS	M517975	2	0.8	0.41	12	70	0.2	6	0.03	3.5	0	6	24	15	5	100	0.07	5	0.03	135	1	0	14	270	1	2	0	9	0	5	5	31	5	516	Frctrs seep into stream
M517976T	365624.86																																										

Target #71
Rock Sample Description Sheet

ASAMP	Au ppb	Au Fa	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn	Comments
M517837R	10	-1	2.6	1.15	46	670	0.5	1	0	0.2	1	83	49	2.2	5	150	0.32	30	0.11	110	6	0	13	830	30	2	3	44	0	5	5	148	5	148	
M517838R	5	-1	0.4	1.8	22	320	1	1	0	0.2	8	54	81	4	5	50	0.28	30	0.27	635	1	0	53	640	32	1	3	25	0	5	10	58	5	526	0-1m.
M517839R	5	-1	0.2	1	80	560	0.5	1	0.02	0.2	3	51	50	2.9	5	60	0.43	30	0.11	110	1	0	27	1750	22	1	5	34	0	5	5	58	5	298	1-3m. , beside above
M517840R	5	-1	0.4	0.34	1465	80	1.5	1	0	0.2	1	50	128	15	5	50	1.83	5	0.01	15	18	0.01	4	10000	1	22	0	327	0	10	30	1465	5	60	fault breccia, ferricrete
M517841R	5	-1	4	0.49	16	830	0.2	1	0.61	0.5	0	129	5	0.7	5	690	0.16	5	0.03	15	10	0	11	4000	2	1	3	76	0	5	5	130	5	26	Qtz veining
M517842R	5	-1	2	0.35	20	580	0.2	1	0.05	0.2	0	149	21	1	5	340	0.13	5	0.01	5	5	0	17	1160	2	1	1	72	0	5	5	93	5	4	vegetation kill zone
M517843R	5	-1	0.6	0.33	2	360	0.2	1	0.03	0.2	1	174	11	0.5	5	80	0.12	5	0.03	15	0	0	18	150	1	1	0	16	0	5	5	33	5	6	similar to M517842R
M517844R	20	-1	0.4	0.89	236	1370	0.5	1	0	3.5	41	32	113	15	5	270	0.28	10	0.04	925	6	0	140	490	24	6	7	11	0	5	5	61	5	2250	fault, Fe seep
M517845R	125	-1	1.8	0.57	6	640	0.2	1	0.03	0.2	0	59	6	0.2	5	1810	0.22	10	0.03	30	0	0	12	10	10	6	0	14	0	5	5	58	5	18	small Qtz veins
M517846R	5	-1	0.1	0.98	76	480	1.5	2	0.82	0.2	0	72	0	0.8	5	160	0.34	5	0.11	210	0	0.05	2	20	48	1	0	20	0	5	5	1	5	80	Aplite dike
M517847R	5	-1	1.2	0.64	278	330	0.2	6	0	0.2	0	113	4	2.7	5	90	0.41	30	0.08	70	1	0	4	380	12	20	9	12	0	5	5	86	5	150	Aplite dike
M518709R	2	-1	0.1	0.66	28	380	0.2	1	0.39	0.2	4	133	15	1.5	5	500	0.2	5	0.03	50	3	0	27	2010	10	2	1	74	0	5	5	19	5	158	Fine Qz stringers; decalcified?
M518710R	2	-1	0.2	1.1	14	570	0.2	1	0.01	0.2	1	18	41	3.1	5	190	0.43	5	0.09	15	1	0	10	230	6	2	2	10	0	5	5	15	5	132	Lim along fractures
M518711R	2	-1	0.2	1.14	22	330	0.5	1	0.03	0.5	1	49	9	1.2	5	130	0.42	5	0.08	5	0	0	12	660	8	1	3	249	0	5	5	42	5	70	Fine microfracturing
M518712R	2	-1	0.2	0.97	10	300	0.2	1	0	0.2	0	31	4	0.5	5	30	0.44	5	0.07	5	0	0	2	100	6	1	1	27	0	5	5	13	5	10	Fine microfracturing
M518713R	2	-1	0.2	1.15	74	380	0.5	1	0.02	0.5	3	17	27	1.5	5	50	0.55	5	0.08	25	0	0	14	180	2	2	3	34	0	5	5	18	5	94	Well dev. Py boxwork
M518714R	10	-1	0.6	0.44	88	2550	0.2	1	0.04	1.5	1	124	4	1	5	400	0.17	5	0.02	50	1	0	12	740	4	2	1	40	0	5	5	8	5	80	Fracture cont. limonite
M518715R	10	-1	0.8	0.69	186	200	0.5	1	0.23	0.5	2	145	41	2.1	5	900	0.14	5	0.01	35	5	0	23	1790	10	4	4	48	0	5	5	35	5	144	Sim. to above, stronger lim
M518716R	2	-1	0.1	0.76	34	190	0.2	1	0.87	1	4	129	7	1.3	5	270	0.25	5	0.14	320	2	0	19	2610	14	1	2	44	0	5	5	8	5	134	Poss. leached carb, Pyrite
M518717R	2	-1	0.1	1.24	16	220	0.5	1	0.22	0.2	5	56	11	2.2	5	220	0.33	5	0.07	160	2	0	24	1290	12	1	3	14	0	5	5	20	5	100	Pervasive lim. after pyrite
M518718R	2	-1	1	0.56	42	490	0.5	1	0.02	3.5	5	119	86	2.8	5	140	0.14	5	0.02	1470	4	0	50	720	8	2	3	29	0	5	5	42	5	120	Matrix decomposed, rorp
M518719R	2	-1	0.1	0.84	16	300	1	2	0.15	2.5	3	39	10	2	5	30	0.4	40	0.04	545	1	0.03	14	160	26	4	1	22	0	5	5	0	5	432	Greenish: f.g. ser? Biot destroyed
M518720R	2240	-1	4.6	0.3	10000	370	0.2	266	0	0.2	2	85	94	4.4	5	50	0.31	5	0.03	10	6	0	1	750	34	110	6	7	0.01	5	5	24	5	10	Frac. cont scor, arseno in CPC1
M518721R	2	-1	0.2	1.02	340	460	0.5	2	0.13	11.5	1	95	69	1.6	5	470	0.43	30	0.08	190	1	0.01	12	510	24	10	3	23	0	5	5	12	5	188	Scor al. microfractures, frac cont Py
M518722R	50	-1	1	0.64	2890	640	0.2	140	0	0.2	0	74	12	1.4	5	960	0.52	5	0.04	5	7	0	1	250	56	30	3	11	0	5	5	35	5	4	Frac, vug cont Py, frac cont Scor
M518723R	40	-1	1	0.54	3680	640	0.2	44	0	0.2	0	77	13	0.9	5	270	0.34	5	0.04	5	3	0	3	200	32	18	2	5	0	5	5	25	5	2	Frac cont scor, pyrite
M518724R	2	-1	0.6	0.72	20	40	0.2	1	0	0.2	0	9	102	15	5	90	0.01	5	0	95	2	0	34	780	1	6	0	4	0	5	5	27	5	982	Layered, bedded fcrete
M518725R	2	-1	1	0.11	334	50	0.2	4	0.01	0.2	0	34	15	15	5	130	4.24	5	0	5	3	0	5	5170	1	8	0	1200	0	5	5	380	5	30	Yellow f.g. fcrete, lesser limonite
M518726R	50	-1	0.8	0.28	448	1390	0.2	14	0	0.2	0	108	5	0.8	5	320	0.24	5	0.01	5	3	0	1	230	64	12	1	12	0	5	5	17	6	6	Silica rehealing, frac cont scor
M518727R	25	-1	0.1	0.73	54	350	0.5	2	0	0.2	0	36	3	0.5	5	1750	0.35	5	0.01	30	3	0	1	140	58	2	0	21	0	5	5	14	5	20	Faint green stain, scor?
M518728R	2	-1	0.1	1	632	350	0.5	1	0.04	0.2	1	58	17	1	5	190	0.34	5	0.14	125	0	0.03	7	110	34	1	1	27	0	5	5	8	5	158	Tr. frac cont scorodite?
M518729R	2	-1	0.1	0.48	1	670	0.5	1	12.8	1.5	2	10	12	6.5	5	20	0.17	5	6.21	1285	0	0	17	180	1	2	4	615	0	5	5	15	5	122	Siderite rich layer, fractured
M518730R	830	-1	6	0.28	10000	50	0.2	1650	0	1	17	58	145	7.7	5	250	0.29	5	0.01	5	9	0	3	700	76	468	13	0	0.01	5	5	21	5	12	Contains one Qz-As vein
M518731R	65	-1	1.4	0.26	3670	330	0.2	32	0.08	0.2	0	56	10	0.7	5	130	0.2	6	0.05	15	3	0	1	150	20	20	1	4	0	5	5	18	6	4	Frac. cont. As-scor + silica veining
M518732R	120	-1	2.6	0.15	1975	380	0.2	8	0	0.2	0	92	6	0.5	5	3020	0.12	5	0	5	7	0	1	70	84	32	0	0	0	5	5	30	5	6	Fract. cont scor
M518733R	45	-1	2	0.17	478	140	0.2	4	0.07	0.2	0	89	8	1.3	5	370	0.11	5	0.01	5	7	0	2	2930	22	18	1	23	0	5	5	30	5	22	Frac. controlled As/scor
M518734R	245	-1	3.4	0.21	10000	130	0.2	20	0	0.2	75	38	73	3.7	5	730	0.13	10	0	5	3	0	8	940	22	88	1	0	0	5	5	18	5	6	Fract. cont Arseno
M518921R	2	-1	0.2	0.5	40	280	0.2	1	1.66	0.2	5	143	66	5.2	5	60	0.13	5	0.66	645	1	0	31	400	4	2	4	80	0	5	5	42	5	234	Hematitic/limonitic matrix. Locally with orange-weathering carbo
M518922R	2	-1	1.4	0.33	24	370	0.2	1	0.01	0.2	0	90	27	1.2	5	680	0.19	5	0.02	20	4	0	11	170	12	1	0	33	0	5	5	41	5	34	Fine Qtz stockwork is locally visible
M518923R	10	-1	2.2	0.4	60	390	0.2	2	0.07	0.2	0																								

**Target #71
Rock Sample Description Sheet**

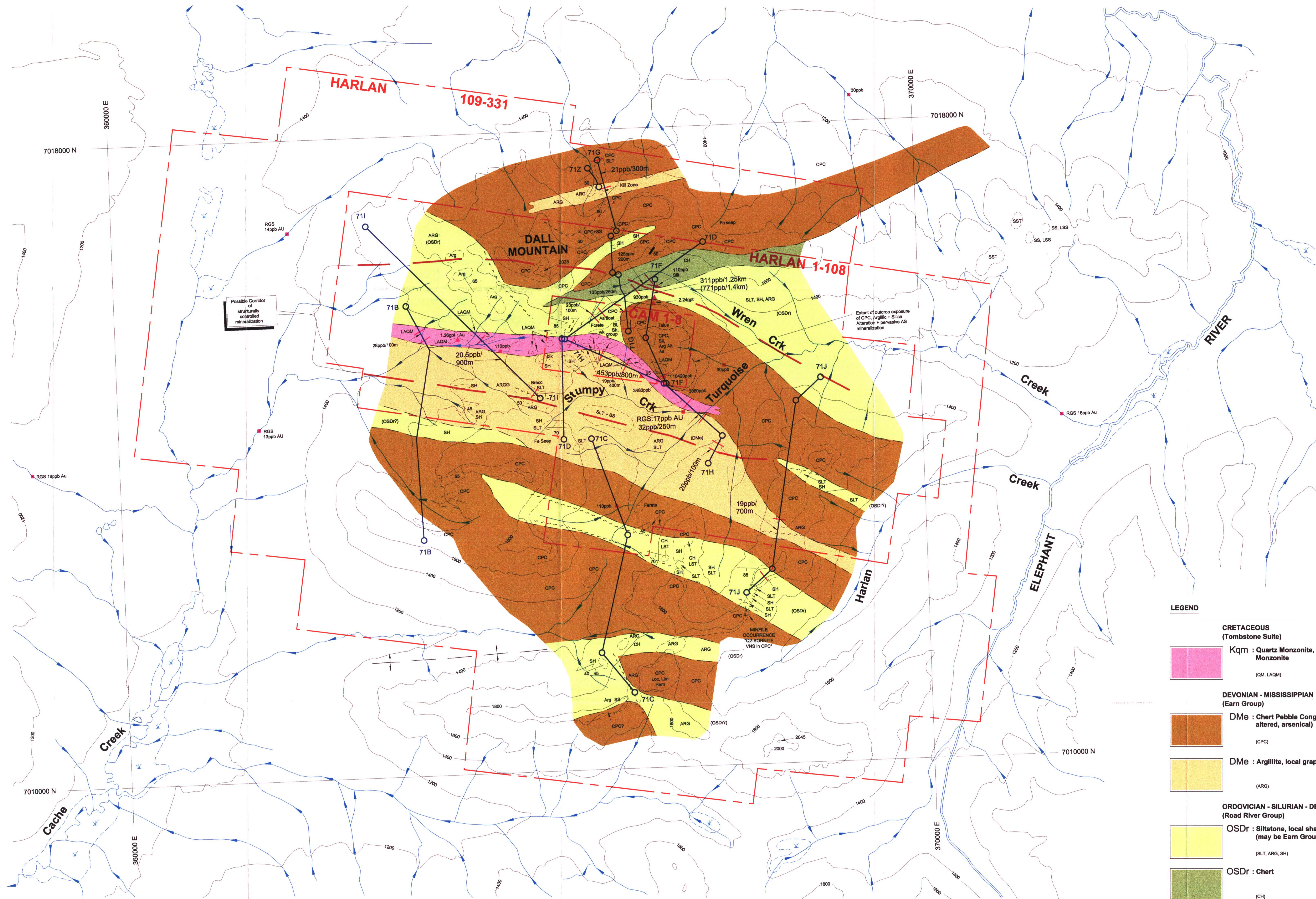
ASAMP	Au_ppb	Au_Fa	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn	Comments
M515444R	2	-1	0.6	0.31	10	600	0.2	2	0.03	0.2	0	185	21	0.9	5	110	0.12	5	0.01	20	5	0	11	450	2	1	1	24	0	5	5	26	5	38	
M515445R	2	-1	1	0.29	68	340	0.2	2	0	0.2	0	142	29	3.7	5	100	0.1	5	0.01	120	12	0	12	710	6	4	1	31	0	5	5	80	5	92	
M515446R	2	-1	1	0.71	16	460	0.2	1	0	0.2	3	100	55	3.1	5	100	0.22	5	0.03	70	6	0	26	720	8	2	4	40	0	5	5	91	5	168	
M515447R	2	-1	0.6	0.82	10	290	0.2	1	0.02	0.2	0	167	58	2.3	5	100	0.12	5	0.02	25	4	0	23	910	4	1	4	48	0	5	5	118	5	58	
M515448R	2	-1	0.1	0.23	8	790	0.2	1	0.02	0.5	4	237	50	2.5	5	100	0.05	5	0.01	150	4	0	42	220	1	1	0	15	0	5	5	38	5	420	
M515449R	2	-1	3.6	0.54	20	590	0.2	1	0.1	0.2	0	139	23	3	5	280	0.17	5	0.04	5	14	0	30	2450	6	4	3	128	0	5	5	299	5	20	Yellow-silts-As-rich
M515450R	2	-1	0.1	1.1	2	750	0.5	1	0.04	0.2	4	33	50	1.6	5	90	0.46	5	0.09	75	0	0	19	350	1	1	3	28	0	5	5	24	5	78	
M517501R	5	-1	0.1	0.38	1	100	0.2	1	0.14	0.2	0	38	6	0.4	5	10	0.09	5	0.07	30	0	0.22	1	290	1	1	0	19	0.02	5	5	11	5	6	Major fault, 0-2 m.
M517502R	15	-1	1.6	0.33	8	1130	0.2	1	0.05	0.2	0	82	13	0.7	5	900	0.13	5	0.03	10	1	0.06	6	180	6	1	0	28	0	5	5	40	5	2	Major fault, 2-4 m.
M517503R	40	-1	2.8	0.74	66	320	0.5	1	0.01	0.2	4	91	44	4.1	5	2780	0.35	5	0.04	95	9	0	23	930	10	10	3	134	0	5	5	124	5	168	Major fault, 4-6 m.
M517504R	25	-1	2.4	0.43	22	690	0.2	1	0.01	0.2	1	61	21	2.2	5	100	0.22	5	0.03	35	4	0.01	10	350	6	2	1	60	0	5	5	62	5	66	Major fault, 6-8 m.
M517505R	20	-1	1.4	0.57	30	510	0.2	1	0.19	0.2	3	74	39	1.9	5	1470	0.3	5	0.05	120	10	0	27	340	16	2	2	101	0	5	5	106	5	54	above top sill 0-3 m.
M517506R	40	-1	1.4	0.53	104	60	0.5	1	4.49	1.5	6	44	80	5.9	5	3170	0.28	5	0.64	740	4	0	31	360	12	1	3	402	0	5	5	98	5	218	top sill 3-6 m.
M517507R	140	-1	0.8	0.55	398	80	0.5	1	3.9	3	5	67	111	5.5	5	2480	0.37	5	1.17	435	11	0	40	470	6	1	4	451	0	5	5	125	5	218	top sill 6-9 m.
M517508R	5	-1	0.1	1.72	62	370	1	1	0.37	0.5	1	49	43	2.6	5	240	0.33	30	0.23	120	1	0.01	12	780	16	1	6	82	0	5	5	32	5	146	middle sill 0-3 m.
M517509R	10	-1	2.4	0.46	54	210	0.5	1	0.03	1	0	72	103	2.3	5	430	0.33	10	0.03	5	35	0.01	44	560	16	4	5	85	0	5	10	343	5	52	under middle sill 3-3.5 m.
M517510R	20	-1	0.8	0.39	22	120	0.2	1	0.5	0.2	0	63	29	2.8	5	440	0.45	10	0.03	10	13	0.01	18	140	12	1	1	81	0	5	5	127	5	2	under lower sill 3-6 m.
M517511R	10	-1	0.1	1.21	84	320	0.5	1	0.19	0.2	3	53	16	3.2	5	220	0.41	30	0.21	175	1	0.01	11	530	28	1	1	175	0	5	5	60	5	128	lower sill 0-3 m.
M517512R	95	-1	2.6	0.31	136	720	0.2	2	0.01	0.2	0	188	9	1.8	5	1610	0.23	5	0.01	15	4	0	4	680	34	20	1	8	0	5	5	114	5	10	near dike
M517513R	100	-1	1.8	1.18	1460	630	0.5	2	0	0.2	0	53	23	2.8	5	1180	0.75	30	0.35	55	3	0	0	370	34	30	5	37	0.05	5	5	96	5	12	trench 0-1 m.
M517514R	185	-1	4.2	0.57	2560	320	0.2	8	0	0.2	0	72	7	1.4	5	1830	0.35	30	0.04	10	4	0	0	310	58	90	1	34	0.01	5	5	34	5	4	trench 1-2 m., @ 71F 1500
M517515R	75	-1	1	0.49	938	220	0.2	2	0	0.2	0	59	3	0.6	5	530	0.28	20	0.02	2	1	0	0	240	30	22	0	26	0	5	5	17	5	2	trench 2-3 m.
M517516R	130	-1	2.2	0.97	1385	190	0.2	2	0	0.2	1	79	15	5.5	5	840	0.88	10	0.2	75	3	0	1	560	44	70	4	67	0.13	5	5	84	5	40	trench 3-4 m.
M517517R	10	-1	0.2	1.39	828	490	0.5	1	0.03	0.2	0	46	14	2.3	5	990	0.59	40	0.12	25	3	0	10	1290	12	28	2	90	0	5	5	37	5	88	
M517518R	280	-1	0.4	0.86	538	300	0.5	2	0	0.2	0	90	0	0.8	5	2890	0.64	30	0.05	5	2	0	1	240	30	34	1	14	0	5	5	4	5	2	
M517519R	200	-1	4.8	0.46	722	460	0.2	8	0	0.2	0	47	1	0.6	5	10500	0.27	30	0.01	2	1	0	0	310	30	48	1	18	0	5	5	20	5	2	10 m. above 71F 1500
M517520R	15	-1	1.6	0.3	918	220	0.2	4	0	0.2	0	116	4	1.7	5	730	0.21	5	0.01	5	2	0	1	2860	86	34	1	62	0	5	5	62	5	6	
M517540R	2	-1	1.2	0.78	4	940	0.2	1	0.04	0.2	0	44	9	0.7	5	330	0.37	5	0.07	10	12	0	34	100	10	2	1	35	0	5	5	201	5	38	
M517541R	55	-1	0.6	0.25	18	820	0.2	1	0	0.2	0	227	11	0.6	5	170	0.11	5	0.01	15	3	0	6	40	4	1	0	10	0	5	5	19	5	2	
M517542R	2	-1	3	0.38	106	600	0.2	1	0.05	0.2	1	212	48	3.4	5	180	0.18	5	0.01	45	23	0	13	5580	10	10	4	173	0	5	5	244	5	28	Qtz veining
M517543R	2	-1	4.2	0.43	16	350	0.2	2	0	0.2	0	236	32	1.4	5	220	0.15	5	0.01	10	5	0	12	4760	1	1	2	14	0	5	5	89	5	16	
M517801R	2	-1	0.1	0.7	8	1300	0.2	1	0.15	0.2	0	68	21	1	5	50	0.33	5	0.06	20	2	0	13	1070	2	1	2	65	0	5	5	30	5	30	yellow staining
M517802R	2	-1	0.1	0.11	1	100	0.2	1	11.7	0.2	6	19	76	8.5	5	50	0.01	5	4.97	10000	4	0	15	390	2	4	4	4090	0	5	10	26	5	84	pyrite nodules
M517803R	2	-1	0.2	1.56	6	3050	0.2	2	0.04	0.2	4	56	54	1.9	5	50	0.28	5	0.35	130	1	0	25	200	8	1	4	51	0	5	5	35	5	60	
M517804R	2	-1	0.6	0.72	16	480	0.2	1	0.1	0.2	0	53	41	1.5	5	90	0.11	5	0.05	225	3	0	7	870	1	6	1	42	0	5	5	77	5	290	ferricrete
M517805R	2	-1	7.8	0.46	40	610	0.2	2	0	0.2	0	146	16	2	5	820	0.15	5	0.02	6	5	0	17	8170	2	1	19	11	0	5	5	144	5	6	
M517830R	76	-1	12.6	0.74	1825	620	1	1	0.01	1	4	140	245	8.6	5	280	0.18	5	0.03	75	3	0	30	3870	156	106	12	28	0	5	5	118	5	638	near barite vein
M517831R	10	-1	1	1.28	140	1120	0.5	1	0.04	10	9	126	88	3.2	5	120	0.27	10	0.15	985	3	0	68	630	16	8	5	33	0	5	5	70	5	540	Trench #1 0 - 2m.
M517832R	15	-1	1.2	0.95	206	1710	0.2	2	0.02	2.5	1	66	32	1.3	5	250	0.37	20	0.05	135	3	0	12	580	12	10	4	38	0	5	5	55	5	62	Trench #1 2 - 4m.
M517833R	40	-1	2	0.7	654	480	0.2	1	0	0.2	2	124	101	4.1	5	180	0.14	5	0.04	40	5	0	20	1350	28	28	4	42	0	5	5	81	5	140	Trench #1 4 - 6m.
M517834R	15	-1	1.4	1.23	78	620	0.5	1	0.05	0.2	2	108	90	4	5	40	0.25	10	0.07	25	3	0	19	2600	18	1	7	277	0	5	5	194	5	328	
M517835R	10	-1	1	1.25	42	510	1	1	0.03	0.2	4	70	153	7	5	30	0.23	10	0.05	75	5	0	26	2220	6	2	12	84	0	5	6	302	5	216	on fault
M517836R	60	-1	3.2	0.56	88	490	0.2	1	0.01	0.2	0	220	25	1.4	5	570	0.22	10	0.03	15	6	0	6	3290	76	4	5	68	0	5	10	128	5	10	

Target #71
Rock Sample Description Sheet

Sample	X_Coord	Y_Coord	Traverse	Zone	Type	Width_m	Desc	Fm	Lithology	Modifier	Colour	Carb	Silicif	AR_ARG	AR_PO	Alt_PHY	Limonite	Mineral_1	M1_Amt	Mineral_2	M2_Amt	Mineral_3	M3_Amt	Date	Name	
M517837R	366224.27	7015421.32	71G	9	c	1	Rb	DMe	ARG	Go	blk			A2												
M517838R	366224.27	7015421.32	71G	9	c	2	Oc	DMe	CPC	Go	tan			A3			str							29/8/97	GDM	
M517839R	366224.27	7015421.32	71G	9	cg	2	Rb	DMe	CPC	Frac	tan			A2										29/8/97	GDM	
M517840R	365892.37	7015578.38	71G	9	g		Oc	DMe	ARG	Brecc	bm			A1			str	Hem	1					29/8/97	GDM	
M517841R	365968.52	7017259.24	71G	9	cg	2	Oc	DMe	ARG	Brecc	blk		S1	A1										29/8/97	GDM	
M517842R	366086.75	7017396.17	71G	9	c	3	Oc	DMe	CPC	Frac	blk		S2											29/8/97	GDM	
M517843R	364914.77	7014780.74	71H	9	g		Fl	DMe	CPC	Mass	blk		S3	A1				As	1					29/8/97	GDM	
M517844R	364914.77	7014780.74	71I	9	c	2	Oc	DMe	SLT	Brecc	bm		S1					As	1					29/8/97	GDM	
M517845R	364839.01	7014740.62	71I	9	c	3	Oc	DMe	ARGG	Frac	gry		S1	A2			mod							30/8/97	GDM	
M517846R	365098.48	7015473.14	71I	9	g		Rb	DMe	QM	Mass	gry		S1					P	tr					30/8/97	GDM	
M517847R	366394.32	7015179.37	71H	9	g		Fl	Kqm	RHY	Mass	wh								3	Asp	tr			30/8/97	GDM	
M518709R	371075.41	7016200.32	71E	9	cg		rc	OSDr	SST	Frac	gry		S1						3					30/8/97	GDM	
M518710R	370978.66	7016214.44	71E	9	cg		Rc	OSDr	SST	Frac	gry		S1											31/8/97	GDM	
M518711R	370810	7016189.52	71E	9	cg		Rc	DMe	SST	Fol	lgry		S1	A1			mod	P						31/7/97	CS	
M518712R	370815.43	7016133.39	71E	9	cg		F	DMe	SH	Frac	lgry		S2	A2			wk		tr					31/7/97	CS	
M518713R	370811.86	7016049.04	71E	9	cg		F	DMe	SH	Frac	lgry		S3	A1			wk							31/7/97	CS	
M518714R	371426.35	7016196.32	71E	9	cg		Rc	OSDr	SST	Fol	lgry		S2	A2			wk							31/7/97	CS	
M518715R	371424.69	7016427.36	71E	9	cg		Rc	OSDr	SND	Brec	buff		S3				wk	P	tr					31/7/97	CS	
M518716R	371643.13	7016500.12	71E	9	cg		Oc	OSDr	SND	Brec	bm		S2		K1		mod	P	tr					31/7/97	CS	
M518717R	371314.03	7016688.15	71E	9	cg		F	OSDr	SST	Frac	bm		S1				wk							31/7/97	CS	
M518718R	366281.88	7016465.8	71D	9	c	1	Oc	DMe	CPC	Brec	dbm						mod							31/7/97	CS	
M518719R	366564.21	701589.62	71D	9	cg		Ta	Kqm	LAQM	Frac	bm		S1	A2			mod							1/8/97	CS	
M518720R	366716.28	7015772.92	71D	9	cg		Ta	DMe	CPC	Brec	yel		S3	A2		Ph1	mod							1/8/97	CS	
M518721R	366716.28	7015772.92	71D	9	cg		Ta	Kqm	LAQM	Frac	yel		S1	A3			mod	As	2	Scor		5	P	tr	1/8/97	CS
M518722R	366892.23	7015717.68	71D	9	cg		Ta	DMe	SH	Frac	yel		S3	A3				Scor	3	P		2	As	tr	1/8/97	CS
M518723R	366680.21	7015673.77	71D	9	cg		Ta	DMe	CPC	Frac	yel		S3	A2				Scor	3	P		5	As	tr	1/8/97	CS
M518724R	366087.98	7015841.78	71D	9	c	1	Oc	DMe	FCRTE	Bed	dbm							Scor	3	P		3	As	tr	1/8/97	CS
M518725R	365960.66	7015602.43	71D	9	cg		Rc	DMe	FCRTE		yel						str								1/8/97	CS
M518726R	365862.31	7015361.95	71D	9	cg		Fl	DMe	CPC	Brec	yel		S2	A2			str								1/8/97	CS
M518727R	365634.26	7015290.75	71D	9	cg		F	Kqm	QBM	Frac	yel		S1	A3			tr	Scor		3	As	tr			1/8/97	CS
M518728R	365693.09	7015200.44	71D	9	cg		F	Kqm	QBM	Frac	yel		S1	A2			wk	P	tr	Scor	tr				1/8/97	CS
M518729R	365355.69	7014328.96	71D	9	cg		Oc	DMe	SLT	Frac	dgy	C3	S1				wk	Scor	tr						1/8/97	CS
M518730R	366683.68	7015847.97	71F	9	cg		Ta	DMe	CPC	Vned	lgrm		S3	A3				P	tr						1/8/97	CS
M518731R	366622.68	7015365.3	71F	9	cg		Ta	DMe	CPC	Frac	lgrm		S2	A3				As	5	Scor		7			2/8/97	CS
M518732R	366691.33	7015187.33	71F	9	cg		F	DMe	CPC	Frac	lgrm		S3	A3				As	1	Scor		4			2/8/97	CS
M518733R	366747.54	7014986.83	71F	9	cg		Ta	DMe	CPC	Frac	lgrm		S3	A2				Scor	3	As	tr				2/8/97	CS
M518734R	366833.36	7014740.54	71F	9	cg		Ta	DMe	CPC	Brec	buff		S1	A3				Scor	5	AS		1			2/8/97	CS
M518921R	368352.14	7011081.61	71C	9	cg		Ta	DMe	CPC	Brec	buff		S1	A3				As	10	Scor		20			2/8/97	CS
M518922R	366225.87	7011044.73	71C	9	cg		Ta	DMe	CONG	Mas	red	C1					mod	Hem							2/8/97	CS
M518923R	366134.59	7011525.75	71C	9	cg		Oc	DMe	ARG	Frac	blk		S1	A1					3						1/8/97	BKN
M518924R	366492.9	7011816.88	71C	9	cg		Ta	DMe	ARG	Sh	blk														1/8/97	BKN
M518925R	366217.15	7012051.88	71C	9	cg		Ta	DMe	CONG	Mas	red						strg								1/8/97	BKN
M518926R	366228.91	7013281.78	71C	9	cg		Oc	DMe	CONG	Mas	or						mod	Hem	3						1/8/97	BKN
M519751R	364206.54	7015436.41	71B	9	rc	15	rb	Kqm	laqm	frac	buff						mod	hem	3						1/8/97	BKN
																									8/1/97	GMG

Target #71
Rock Sample Description Sheet

Sample	X_Coord	Y_Coord	Traverse	Zone	Type	Width_m	Desc	Fm	Lithology	Modifier	Colour	Carb	Silicif	Alt_ARG	Alt_PO	Alt_PHY	Limonite	Mineral_1	M1_Amt	Mineral_2	M2_Amt	Mineral_3	M3_Amt	Date	Name			
M51544R	364084.39	7013541.69	71B	9	rc	3	rb	DMe	cpc	frac	gry							mod	hem	5	MnO	2			8/1/97	GMG		
M51544S	364158.21	7013677.85	71B	9	rc	3	oc	DMe	cpc	frac	gry							mod	hem	10	MnO	2			8/1/97	GMG		
M51544T	364157.04	7013773.53	71B	9	rc	0.5	oc	DMe	sh	sh	bl							strg	hem	10	MnO	2			8/1/97	GMG		
M51544U	364229.75	7013822.72	71B	9	rc	10	rb	DMe	cpc	frac	gry							strg	hem	15	MnO	8			8/1/97	GMG		
M51544V	364616.22	7014286.75	71B	9	rc	2	oc	DMe	sh	frac	bl							mod	hem	5					8/1/97	GMG		
M51544W	364476.23	7014351.53	71B	9	rc	5	oc	DMe	sh	folded	bl							strg	hem	20					8/1/97	GMG		
M515450R	364275.08	7014833.33	71B	9	rc	7	oc	DMe	sh	frac	bl							mod	hem	7					8/1/97	GMG		
M517501R	365514.2	7015329.49	71I	9	c	2	Oc	DMe	LAQM	Go	wh		S1	A4											8/1/97	GMG		
M517502R	365514.2	7015329.49	71I	9	c	2	Oc	DMe	ARG	Go	blk		S1	A3											30/8/97	GDM		
M517503R	365514.2	7015329.49	71I	9	c	2	Oc	DMe	ARG	Go	blk		S1	A2												30/8/97	GDM	
M517504R	365514.2	7015329.49	71I	9	c	2	Oc	DMe	ARG	Go	blk		S1	A2												30/8/97	GDM	
M517505R	365175.86	7015161.79	71I	9	c	3	Oc	DMe	ARG	Frac	blk		S1	A3				wk								30/8/97	GDM	
M517506R	365175.86	7015161.79	71I	9	c	3	Oc	DMe	ARG	Frac	blk		S1	A3													30/8/97	GDM
M517507R	365175.86	7015161.79	71I	9	c	3	Oc	Kgd	LAQM	Frac	tan		S1	A2				mod								30/8/97	GDM	
M517508R	365175.86	7015161.79	71I	9	c	3	Oc	Kgd	LAQM	Frac	tan		S1	A2				mod									30/8/97	GDM
M517509R	365175.86	7015161.79	71I	9	c	3	Oc	Kgd	LAQM	Frac	tan		S1	A1				mod									30/8/97	GDM
M517510R	365175.86	7015161.79	71I	9	c	0.5	Oc	DMe	SLT	Frac	blk		S1	A2													30/8/97	GDM
M517511R	365175.86	7015161.79	71I	9	c	3	Oc	DMe	ARGG	Frac	blk		S1	A2													30/8/97	GDM
M517512R	366827.83	7014846.6	71H	9	c	2	Oc	Kgd	LAQM	Frac	tan		S1	A2				mod									30/8/97	GDM
M517513R	366827.83	7014846.6	71H	9	c	0.5	Oc	DMe	ARG	Go	blk			A2													30/8/97	GDM
M517514R	366827.83	7014846.6	71H	9	c	1	Oc	DMe	SLT	Mass	wh		S3						P	tr							31/8/97	GDM
M517515R	366827.83	7014846.6	71H	9	c	1	Oc	DMe	SLT	Mass	gry																31/8/97	GDM
M517516R	366827.83	7014846.6	71H	9	c	1	Oc	DMe	SLT	Mass	gry																31/8/97	GDM
M517517R	368747.19	7015051.44	71H	9	cg		Rb	DMe	SLT	Mass	gry																31/8/97	GDM
M517518R	368747.19	7015051.44	71H	9	g		Rb	DMe	LAQM	Frac	tan		S1	A1				wk									31/8/97	GDM
M517519R	368747.19	7015051.44	71H	9	cg		Rb	DMe	QM	Frac	wh		S2	A3													31/8/97	GDM
M517520R	368774.45	7014946.24	71H	9	cg		Rb	DMe	SLT	Frac	gry			A2													31/8/97	GDM
M517540R	367826.7	7012115.53	71J	9	c	0.5	Oc	DMe	SLT	Frac	dgy		S2					wk									31/8/97	GDM
M517541R	368085.51	7012336.73	71J	9	c	3	Oc	DMe	SHG	Frac	blk								P	tr							31/8/97	GDM
M517542R	368261.45	7012875.64	71J	9	cg		Rb	DMe	CPC	Go	blk		S2	A1													7/9/97	GDM
M517543R	368536.33	7013587.13	71J	9	cg		Rb	DMe	ARG	Go	blk		S2														7/9/97	GDM
M517801R	368628.45	7012868.74	71C	9	cg	5	Rb	DMe	SLT	Go	blk		S2	A1													7/9/97	GDM
M517802R	368543.74	7012705.89	71C	9	c		Ta	DMe	SLT	Frac	blk		S1						P	tr							7/9/97	GDM
M517803R	366445.9	7012810.21	71C	9	cg		Ta	DMe	SLT	Frac	dgy	C1	S1						P		10	As	tr				2/8/97	GDM
M517804R	366360.97	7013169.27	71C	9	c	3	Rb	DMe	OsDr	SLT	Frac	gry	C1	S1				wk	P		1						2/8/97	GDM
M517805R	368695.35	7014000.22	71C	9	c	3	Rb	DMe	CPC	Frac	tan							wk									2/8/97	GDM
M517830R	366370.87	7015425.09	71G	9	cg	2	Rb	DMe	SLT	Frac	dgy		S1						P	tr							2/8/97	GDM
M517831R	368435.06	7015435.2	71G	9	c	2	Oc	DMe	CPC		bm			A2				mod									2/8/97	GDM
M517832R	368435.06	7015435.2	71G	9	c	2	Oc	DMe	SLT	Frac	bm			A1				wk									2/8/97	GDM
M517833R	368435.06	7015435.2	71G	9	c	2	Oc	DMe	ARG	Go	gry			A2													2/8/97	GDM
M517834R	368137.63	7015274.48	71G	9	cg		Rb	DMe	CPC	Frac	bm			A1				str									2/8/97	GDM
M517835R	368137.63	7015274.48	71G	9	c	1	Rb	DMe	CPC	Frac	bm			A1				mod	Hem		1						2/8/97	GDM
M517836R	368166.46	7015398.25	71G	9	c	2	Rb	DMe	CPC	Go	dgy			A3				mod	Hem		1						2/8/97	GDM



ABBREVIATIONS


Kqm	: Creaceous quartz monzonite
Cor	: Rabbitkettle Formation
PrCh	: Hyland Groups
GW	: Greywacke
LST	: Limestone
SLST	: Silty Limestone
QDR	: Quartz Diorite
QM	: Quartz Monzonite
QBM	: Quartz Biotite Monzonite
LAGM	: Limonitic altered quartz monzonite
LOBM	: Limonitic quartz biotite monzonite
LSS	: Limy Sand Stone
PHY	: Phyllite
SLT	: Siltstone
ARG	: Argillite
SS	: Sandstone
SH	: Shale
QPC	: Quartz pebble conglomerate
QFPC	: Quartz feldspar pebble conglomerate
As	: Arsenopyrite
Py	: Pyrite
Cpy	: Chalcopyrite
Po	: Pyrrhotite
Pt	: Lead
Qz	: Quartz
Sm	: Sulfur
Sk	: Sulfide
Arg	: Argillic alteration
Scor	: Scorodite
Ag	: Silver
Au	: Gold
Tr	: Trace
Chl	: Chlorite
Lm	: Limonite
Fer	: Ferricrete
Brc	: Brecciated
Sil	: Silicified

SYMBOLS

	Strike + Dip of Bedding
	Strike + Dip of Foliation
	Strike + Dip of Joint Plane
	Strike + Dip of Vein
	Fault; Dip of fault plane
	Trend of antiformal fold axis
	Geologic contact; Interpreted
	Flagged line
	Anticline, assumed
	Outcrop boundary
	Talus, rubble crop boundary
	Topographic contour (meters)
	Property boundary
	Stream; intermittent
	Flagged, Picketed grid line
	Quartz, quartz-arsenopyrite vein
	Rock Sample Location, Au values in gpt, unless indicated
	Soil Sample Location (ppb unless indicated)
	Silt Sample Location (ppb)
	UTM Grid Lines
	Interval of significant rock sample values
	Hand Trench
	500ppb Soil Contour
	100ppb Soil Contour
	50ppb Soil Contour
	20ppb Soil Contour

LEGEND

CRETACEOUS (Tombstone Suite)	
	Kqm : Quartz Monzonite, Limonite Altered Quartz, Monzonite (QM, LAGM)
DEVONIAN - MISSISSIPPIAN (Earn Group)	
	DMe : Chert Pebble Conglomerate (Locally argillically altered, arsenical) (CPC)
	DMe : Argillite, local graphitic shale (ARG)
ORDOVICIAN - SILURIAN - DEVONIAN (Road River Group)	
	OSDr : Siltstone, local shale, argillite, shale (may be Earn Group) (SLT, ARG, SH)
	OSDr : Chert (CH)

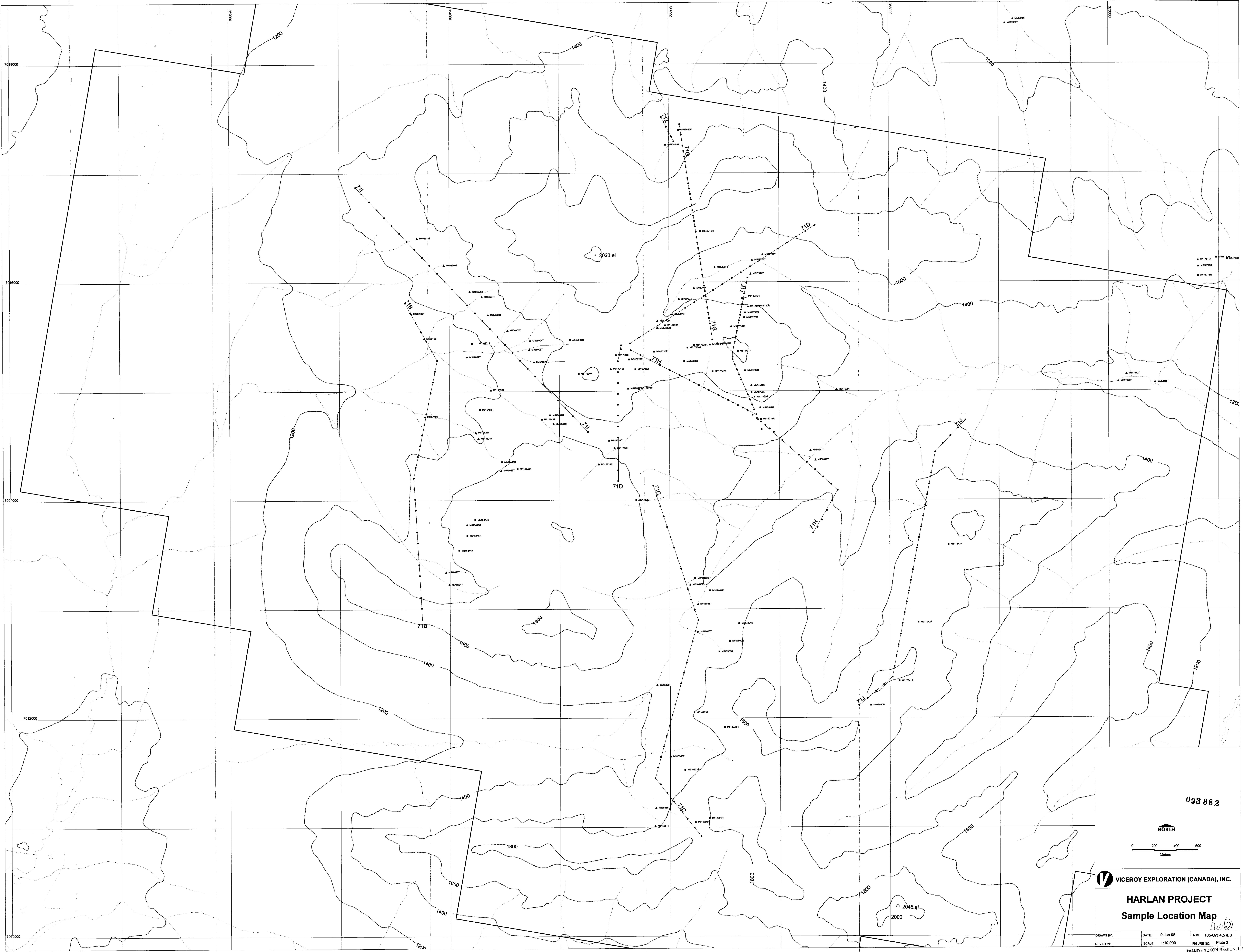


VICEROY EXPLORATION (CANADA), INC.

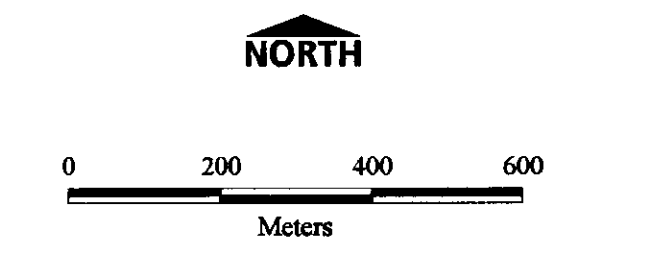
**COMPILATION MAP
HARLAN PROPERTY
(TARGET 71)** 093 882

SCALE (m) 0 2000

DRAWN BY: N.T.	DWG SCALE: 1:20 000
DATA BY: C.S./G.M.	NTS: 1050/3,4,5 & 6
DATE: 9-Jun-98	PLATE NO: 1



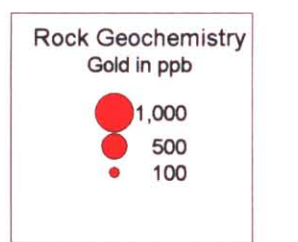
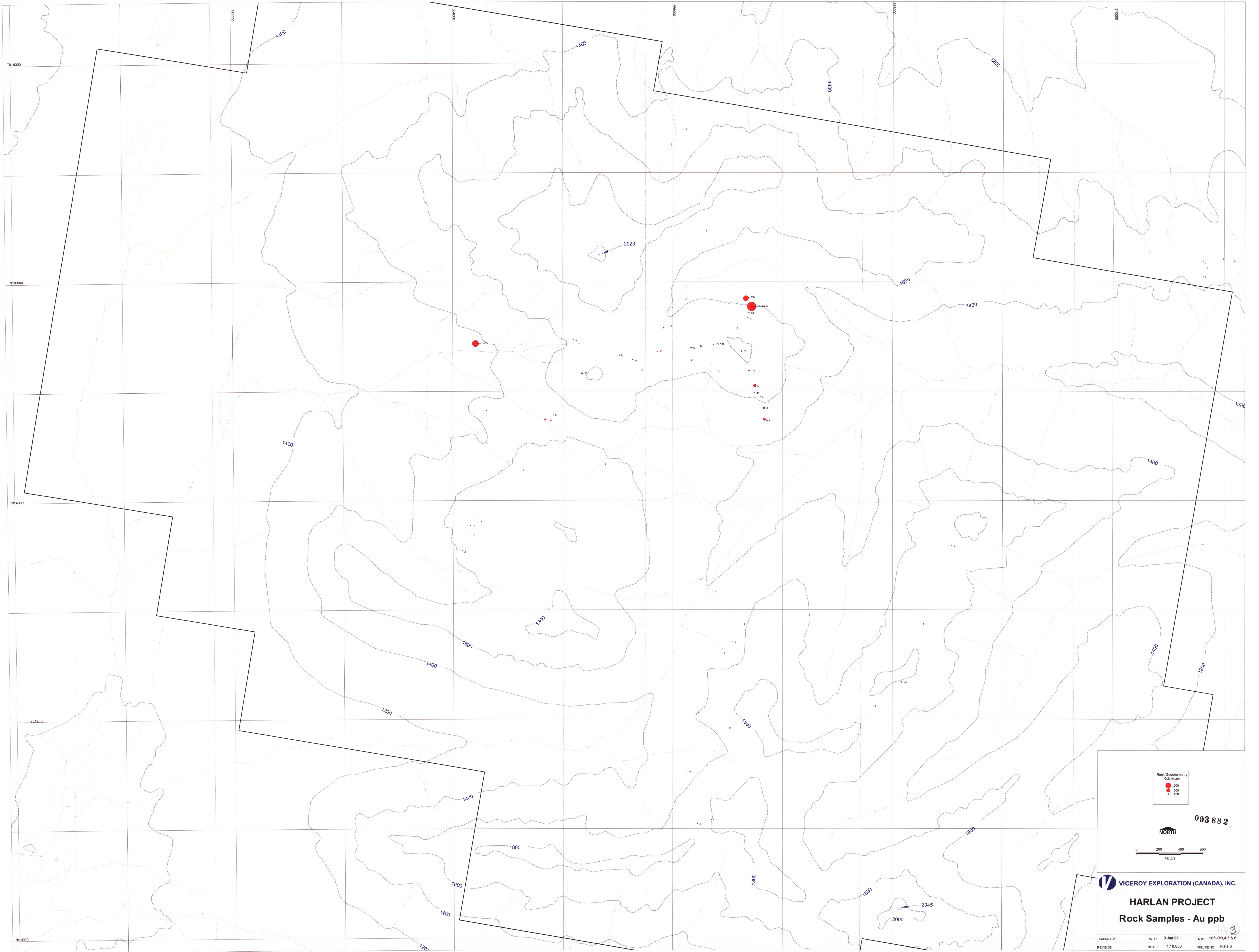
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VICEROY EXPLORATION (CANADA), INC.

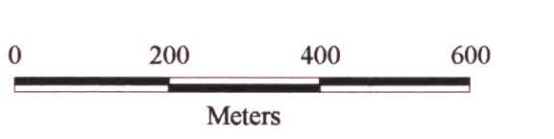
HARLAN PROJECT
Sample Location Map

DRAWN BY:	DATE: 9 Jun 98	NTS: 105-013.4.5 & 6
REVISION:	SCALE: 1:10,000	FIGURE NO.: Plate 2



093882

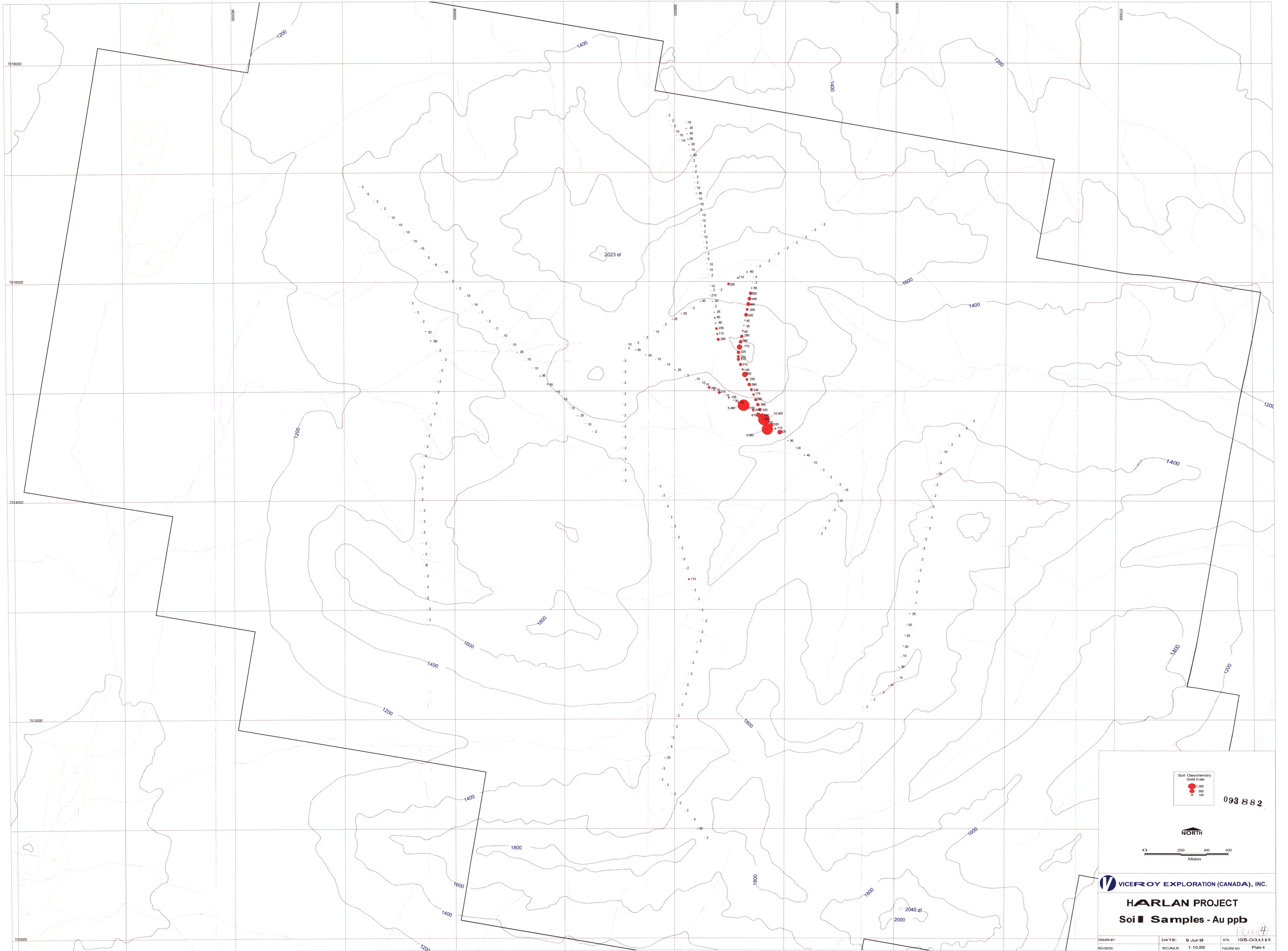
NORTH



VICEROY EXPLORATION (CANADA), INC.

HARLAN PROJECT
Rock Samples - Au ppb

DRAWN BY: DATE: 9 Jun 98 NTS: 105-03, 4.5 & 6
REVISION: SCALE: 1:10,000 FIGURE NO: Plate 3



093 882

NORTH

0 200 400 600
Meters

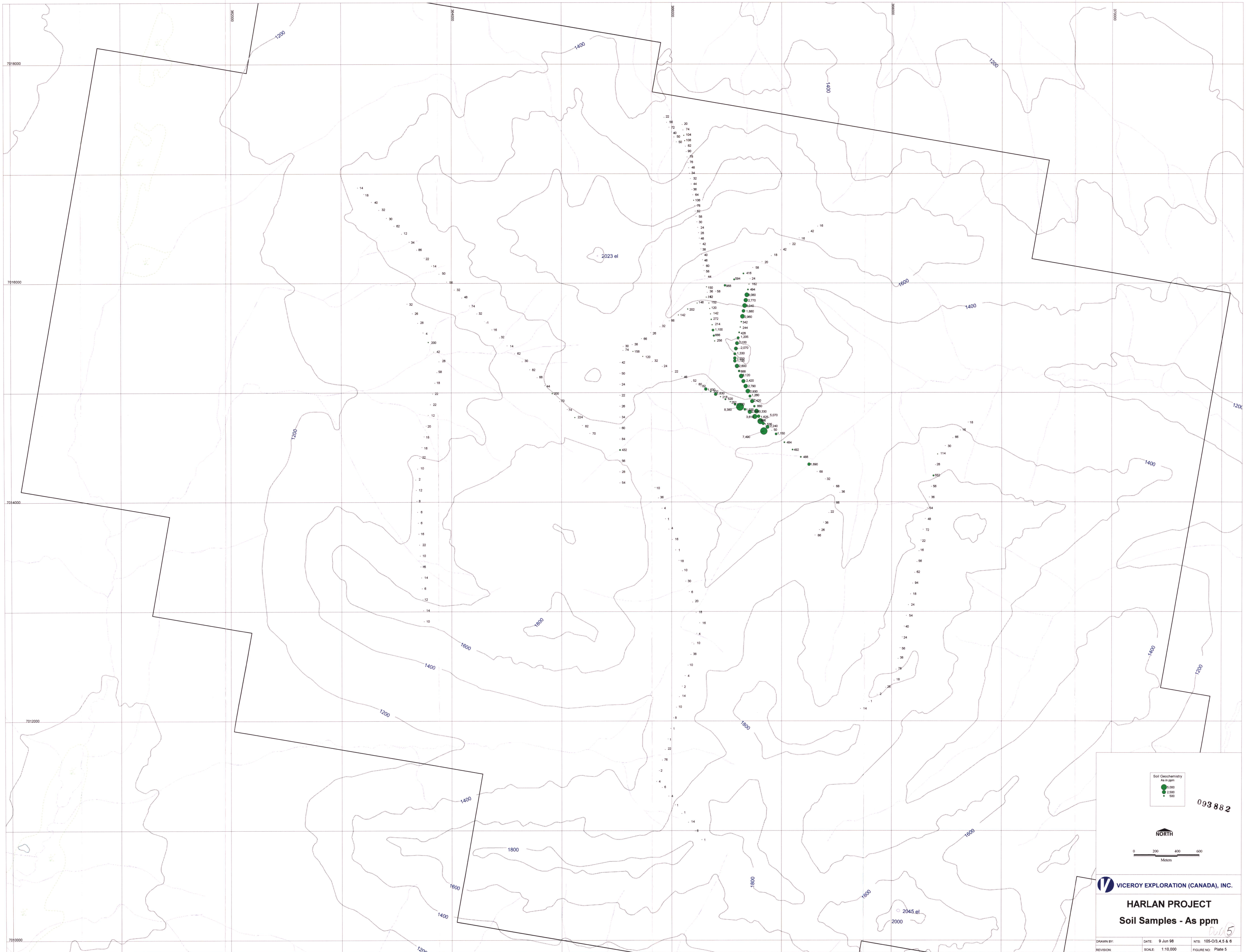
VICEROY EXPLORATION (CANADA), INC.

HARLAN PROJECT

Soil Samples - Au ppb

DRAWN BY:	DATE: 9 Jun 98	NTR: 105-O/3,4,5 & 6
REVISION:	SCALE: 1:10,000	FIGURE NO: Plate 4

Page 4



093882

NORTH

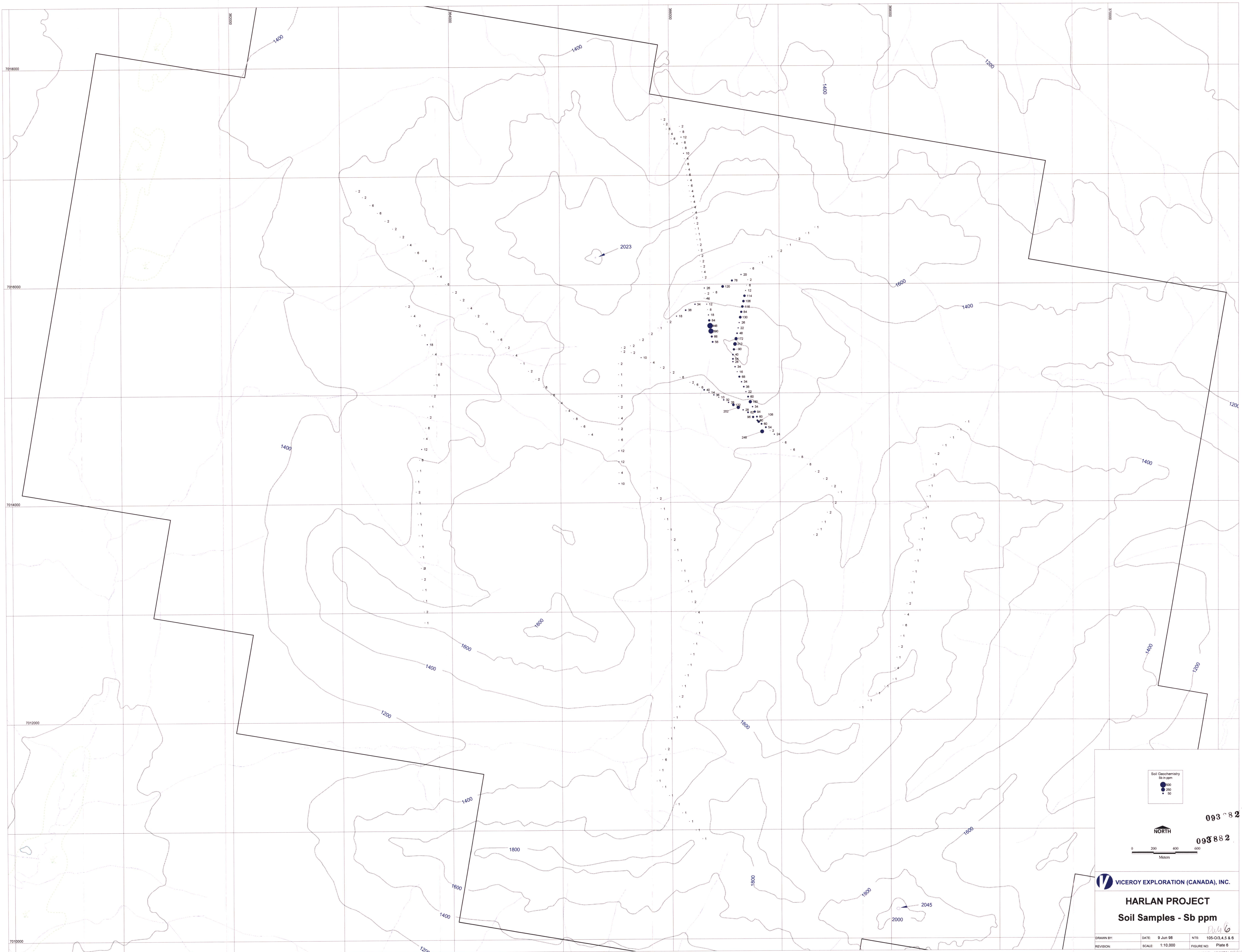
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Meters

VICEROY EXPLORATION (CANADA), INC.

HARLAN PROJECT
Soil Samples - As ppm

DRAWN BY:	DATE: 9 Jun 98	NTS: 105-O3,4,5 & 6
REVISION:	SCALE: 1:10,000	FIGURE NO: Plate 5

LAND - YUKON REGION LIBRARY



Soil Geochemistry
Sb in ppm

- 1000
- 250
- 50

NORTH

0 200 400 600
Meters

093 882

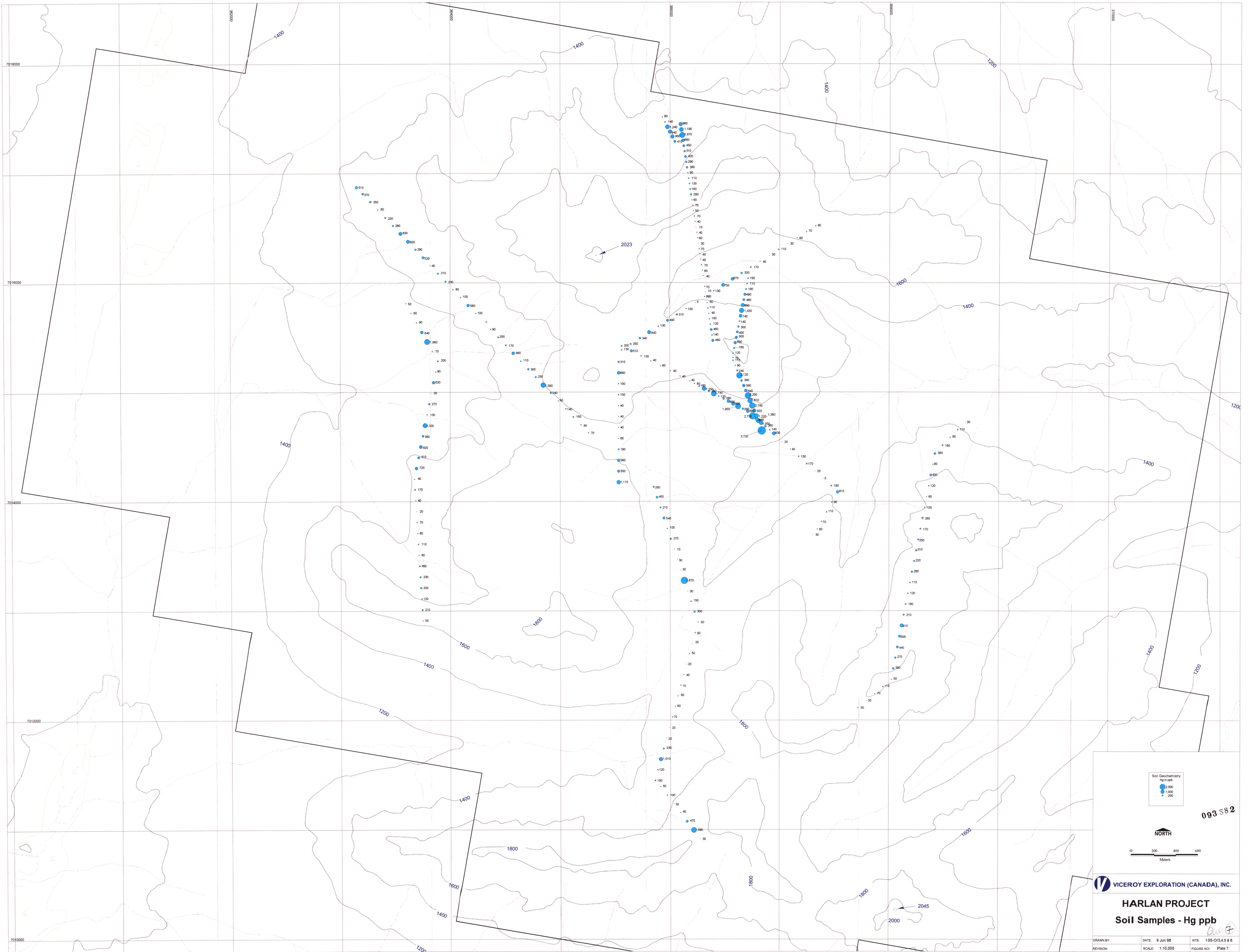
093 882

VICEROY EXPLORATION (CANADA), INC.

HARLAN PROJECT
Soil Samples - Sb ppm

Drawn by: [Signature]
Date: 9 Jun 98
Scale: 1:10,000
NTE: 105-034.5.5.6
Figure No: Plate 6

DIAMOND - YUKON REGION, LIBRARY



093 88 2

NORTH

0 200 400 600
Meters

VICEROY EXPLORATION (CANADA), INC.

HARLAN PROJECT
Soil Samples - Hg ppb

DRAWN BY:	DATE: 9 Jun 98	NTS: 105-O/3,4,5 & 6
REVISION:	SCALE: 1:10,000	FIGURE NO: Plate 7

DIAND - YUKON REGION, LIBRARY