GEOCHEMICAL, GEOPHYSICAL PROSPECTING REPORT

on the

DK 1-3 CLAIMS

NTS Map Sheets 094C003 and 093N093

by

D.K. BRAGG
OWNER-OPERATOR-AUTHOR
Vancouver, B.C.

July 10, 2011

TABLE OF CONTENTS

SUMMARY AND INTRODUCTION

During the summer of 2005, it was recognized that an area of 1030.79 ha remained open between the area held by Lysander Minerals Corporation and the Lorraine Project to the south. This area was acquired by the writer on December 1, 2005 as the DKB 1-3 claims. These claims were transferred to Lysander Minerals Corporation.

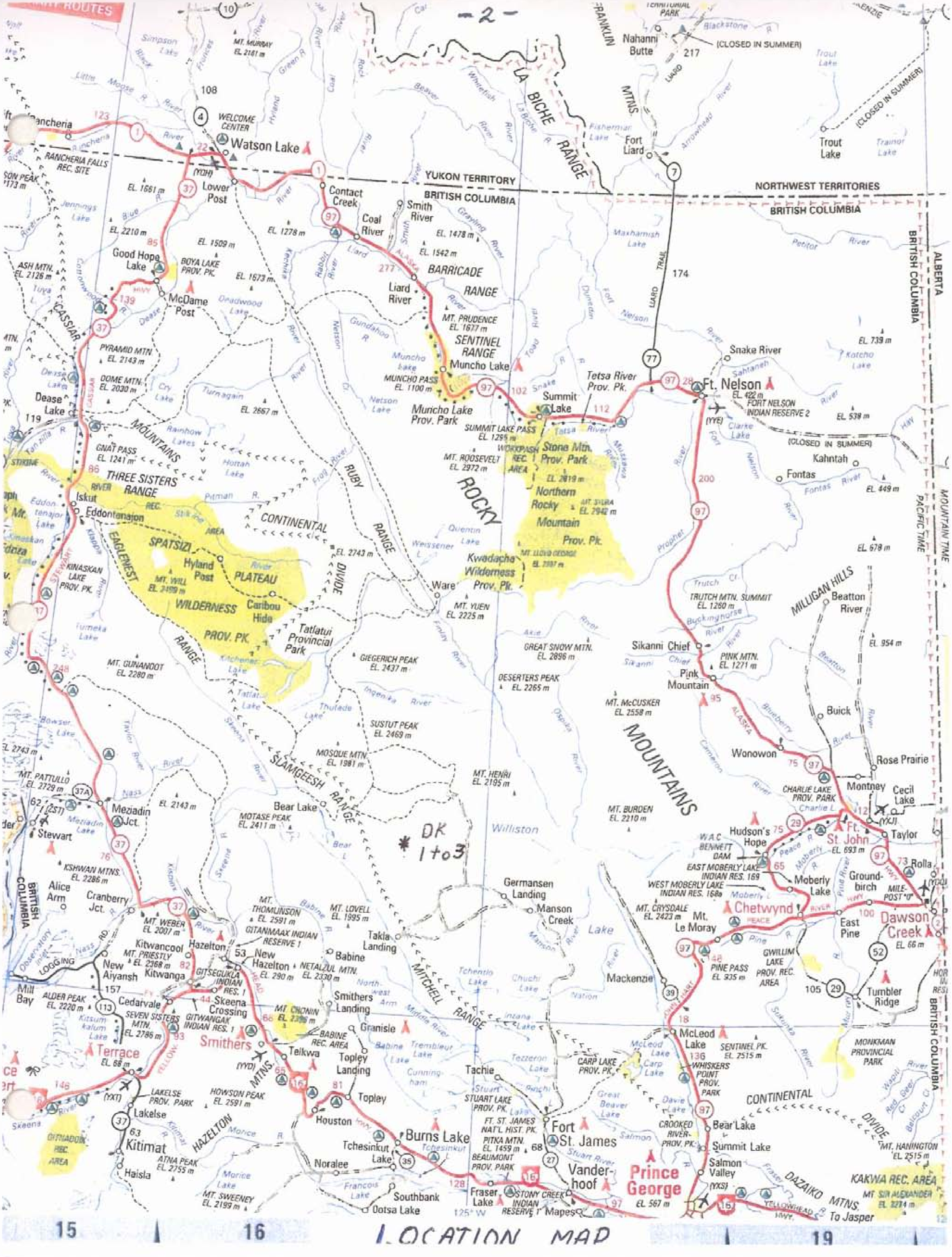
Inadvertently, these claims were allowed to lapse and were again located by D.K. Bragg on June 27, 2008 as the DK 1-3, tenure numbers 586990, 586991 and 586992.

During the 2009 field season, the area of the DK 1-3 and surrounding area was mapped in limited detail. (See Prospecting, Topographical and Geological Mapping Report on the DK 1 to 3 claims by D.K. Bragg, dated September 11, 2009.)

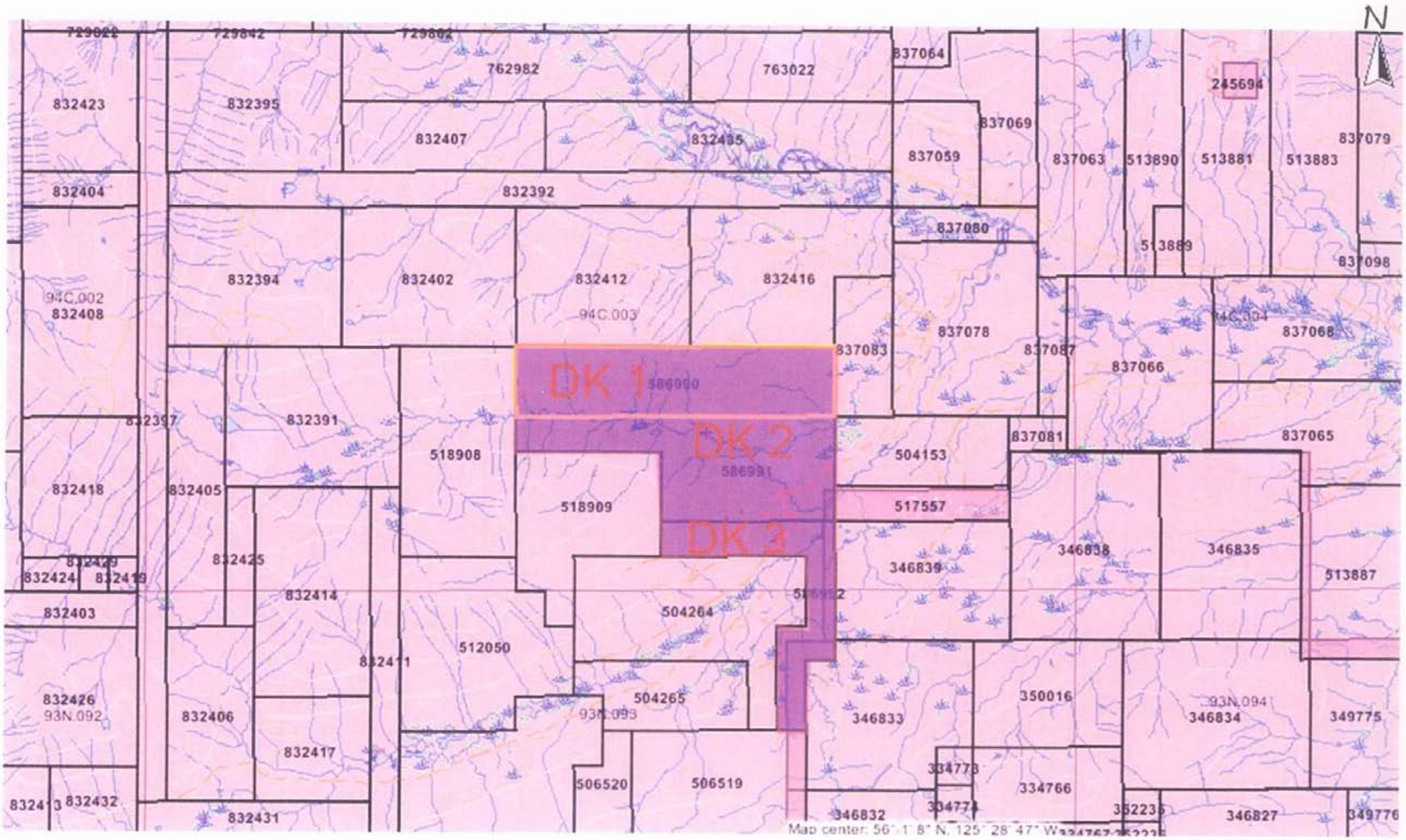
LOCATION AND ACCESSIBILITY

The DK 1-3 claims lie 260 km by road north-northwest of Prince George via the Hart Highway to the McKenzie cutoff, across the Williston Lake Causeway and thence via the Kemess Haul Road to the Osilinka Camp. At the Osilinka Camp, the road runs southerly past Usilinka Lake and over Osilinka Bridge 3. Just past Osilinka Bridge 3, the Osilinka Upper Main travels westerly to Ha Ha Creek.

Much of the claims can be reached via logging roads. (See Figure 3, Google of area surrounding DK 1-3.)

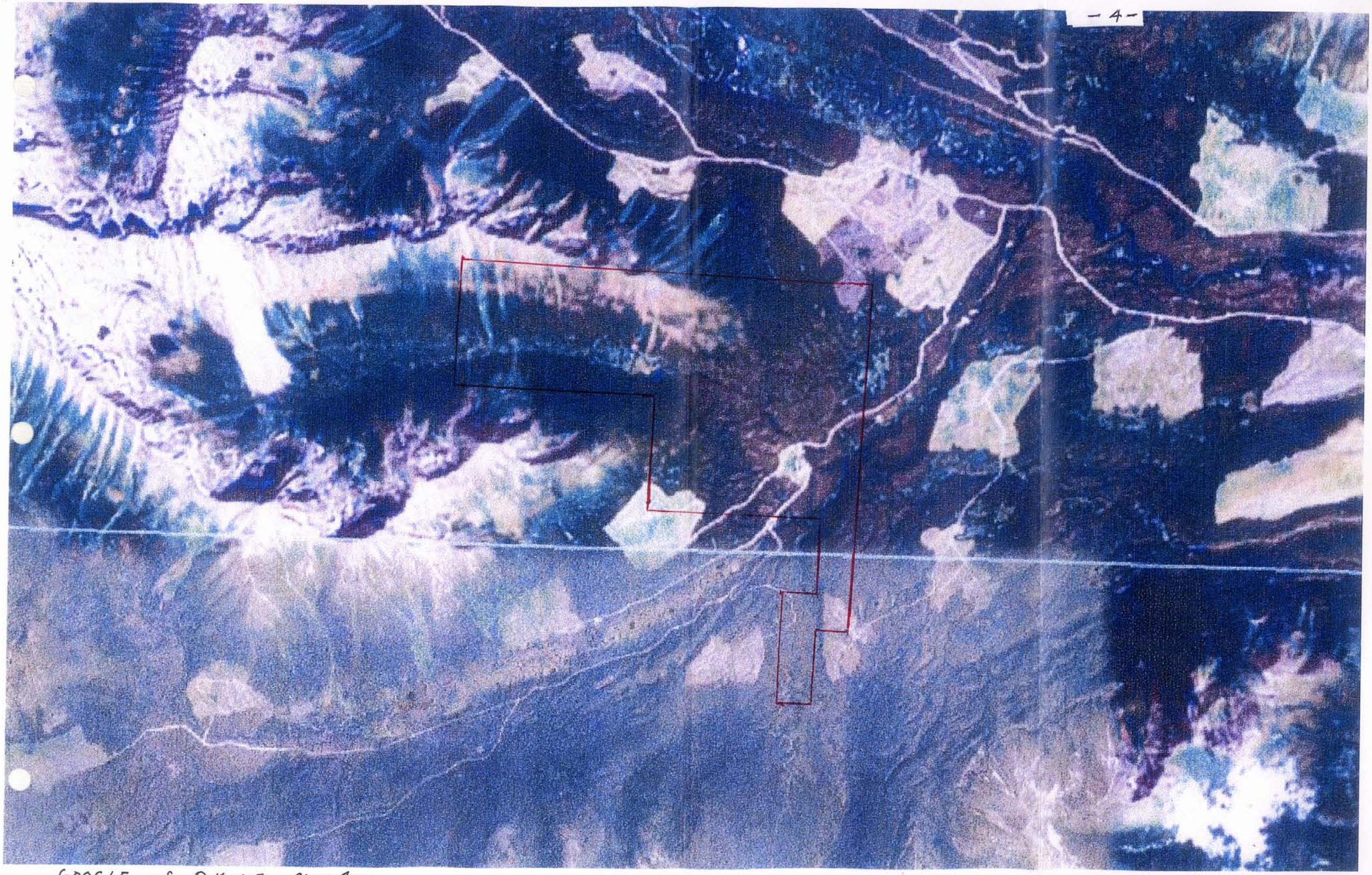


LOCATION MAP



CLAIM MAP

1-31



GOOGLE of DK 1-3 Claim Area

Fig 3

GEOLOGY

The geology of the Hogem Batholith, and , in particular, the deposits of the Lorraine and Cat Mountain and many other showings of the area, ie., Slide Tam, Boundary, etc., have been well described by H.D. Meade, G.L. Garnet., D.K. Mustard, Peter Fox, B.J. Price, and many others. (See References and Bibliography.) (See also Figure 4, Geology of the Hogem Batholith and surrounding area by H.D. Meade.) With this background of information, the writer will not include a summary of the geology in this report. (See also Figure 5, Regional Geology.)

However, of particular interest to this current investigation, is the occurrence of the Duckling Creek Complex to the southeast of the DK 1-3 claims in the Steel Creek area which has a finger extending northwesterly towards the DK 1-3 claims. The Duckling Creek Complex includes pyroxenites, altered syenite, megacrystic porphyry and metasomatite (protolith unknown) and has been subjected in places to extreme alkali metamorphism.

An area of outcropping rocks measuring 50 metres by 100 metres was found within 1000 metres of the boundary of the DK 1-3 claims. As this outcrop was thought to be Duckling Creek Complex, a grab sample was taken from the area. This sample returned an assay for copper of 1064 ppm.

Also of importance is the fault running north-nertheasterly through the DK 1-3 claims that intersects the Ha Ha Creek fault. Many of the numerous showings within the Hogem Batholith are located along fault or at fault intersects within the Duckling Creek Complex.

The regional magnetics outline the faults and lineaments as well as Duckling Creek Complex. (See Figure 6 Regional Magnetics Map.)

With the regional magnetics are a series of northwesterly trending faults that are suggested by the magnetics. From the west and the Pinachi Fault is the West Fault, Central Fault, East Fault and the Osilinka Fault. Somewhere in the vicinity of 0346650E 6209550N, it was thought that the Osilinka Fualt might intersect the HaHa Feult and an unnamed fault from the south. This might be a perfect locus for a mineral showing. The REM Showing is just to the north of this locus. In the past, showings such as the SLIDE and Tam have been found where these northwesterly trending faults cross the HaHa Fault.

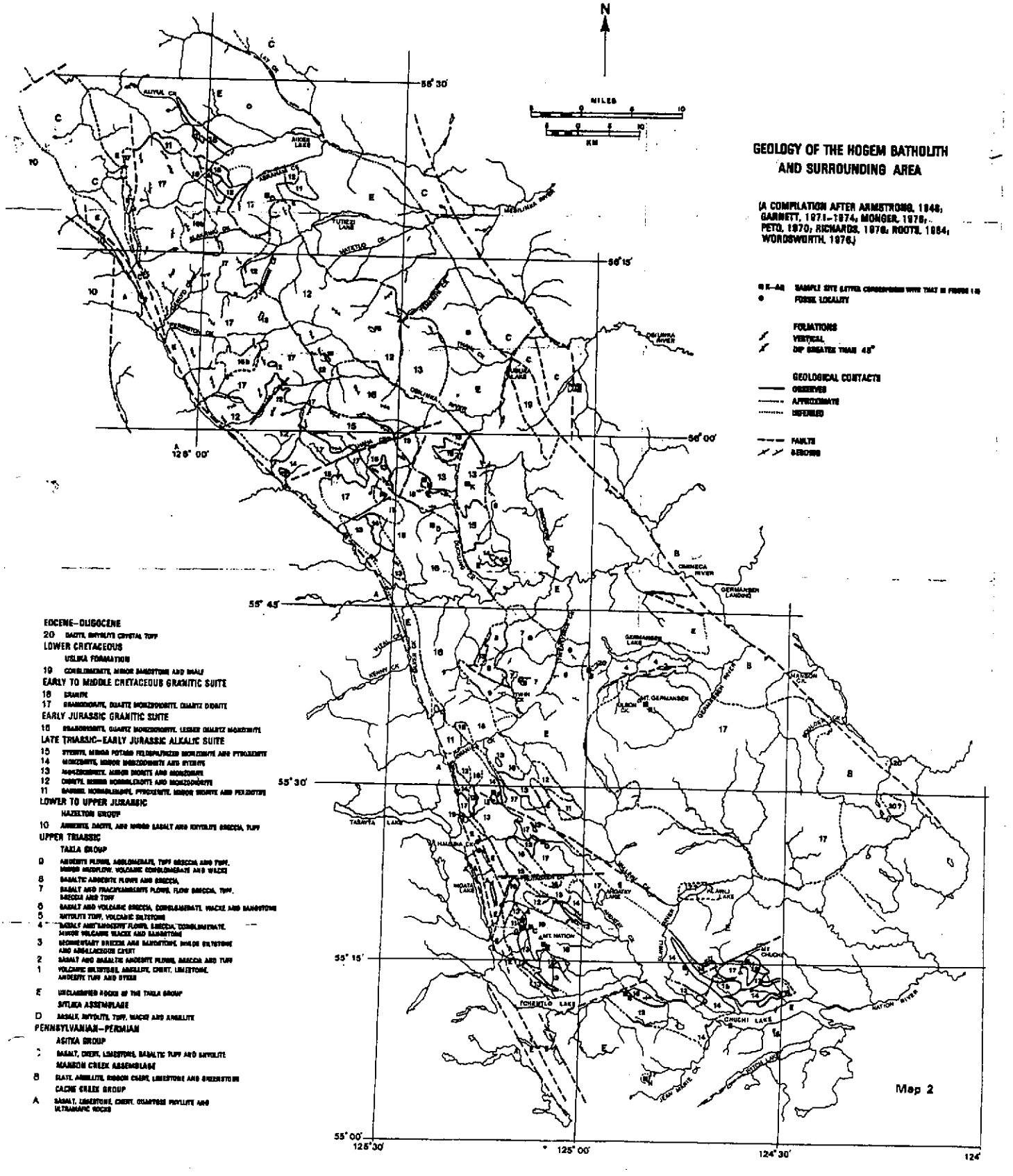
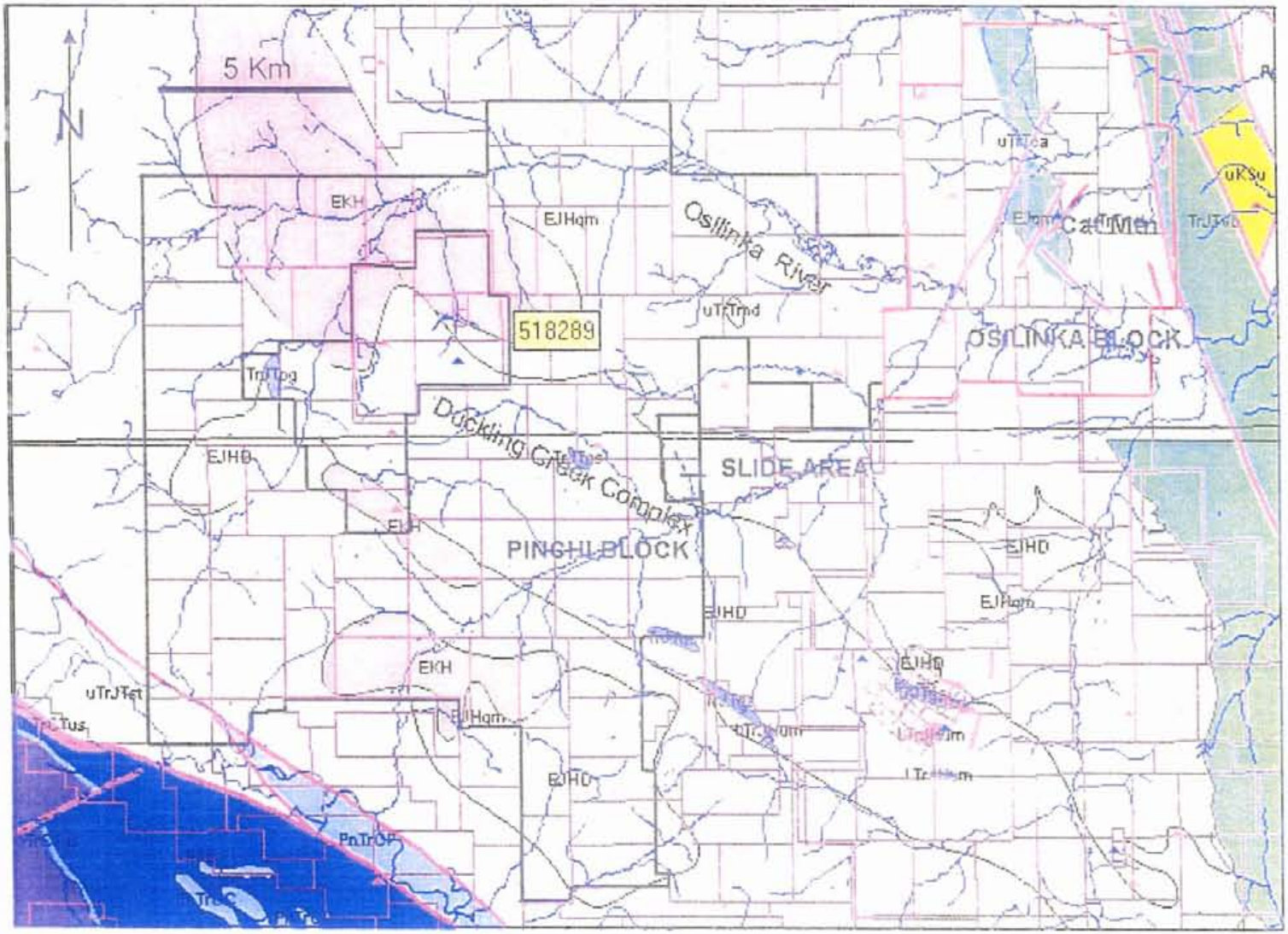

N
MILES
KM
GEOLOGY OF THE HOGEM BATHOLITH AND SURROUNDING AREA
(A COMPILATION AFTER ARMSTRONG, 1949; GARNETT, 1971–1974; MONGER, 1975; PETO, 1970; RICHARDS, 1976; ROOTS, 1954; WORDSWORTH, 1976)
FOLIATIONS
VERTICAL
DIP GREATER THAN 45°
GEOLOGICAL CONTACTS
OBSERVED
APPROXIMATE
INFERRED
FAULTS
EOCENE–OLIGOCENE
20 DACITE, RHYOLITE CRYSTAL TUFF
LOWER CRETACEOUS
USLIKA FORMATION
19 CONGLOMERATE, MINOR SANDSTONE AND SHALE
EARLY TO MIDDLE CRETACEOUS GRANITIC SUITE
18 GRANITE
17 GRANODIORITE, QUARTZ MONZODIORITE, QUARTZ DIORITE
EARLY JURASSIC GRANITIC SUITE
16 GRANODIORITE, QUARTZ MONZODIORITE, LESSER QUARTZ MONZONITE
LATE TRIASSIC–EARLY JURASSIC ALKALIC SUITE
15 SYENITE, MINOR POTASH FELDSPATHIZED MONZONITE AND PYROXENITE
14 MONZONITE, MINOR MONZODIORITE AND SYENITE
13 MONZODIORITE, MINOR DIORITE AND MONZONITE
12 DIORITE, MINOR HORNBLENDITE AND MONZODIORITE
11 GABBRO, HORNBLENDITE, PYROXENITE, MINOR DIORITE AND PERIDOTITE
LOWER TO UPPER JURASSIC
HAZELTON GROUP
10 ANDESITE, DACITE, AND MINOR BASALT AND RHYOLITE BRECCIA, TUFF
UPPER TRIASSIC
TAKLA GROUP
9 ANDESITE FLOWS, AGGLOMERATE, TUFF BRECCIA AND TUFF, MINOR MUDFLOW, VOLCANIC CONGLOMERATE AND WACKE
8 BASALTIC ANDESITE FLOWS AND BRECCIA
7 BASALT AND TRACHYANDESITE FLOWS, FLOW BRECCIA, TUFF, BRECCIA AND TUFF
6 BASALT AND VOLCANIC BRECCIA, CONGLOMERATE, WACKE AND SANDSTONE
5 RHYOLITE TUFF, VOLCANIC SILTSTONE
4 BASALT AND TRACHYTE FLOWS, BRECCIA, CONGLOMERATE, MINOR VOLCANIC WACKE AND SANDSTONE
3 SEDIMENTARY BRECCIA AND SANDSTONE, MINOR SILTSTONE AND ARGILLACEOUS CHERT
2 BASALT AND BASALTIC ANDESITE FLOWS, BRECCIA AND TUFF
1 VOLCANIC SILTSTONE, ARGILLITE, CHERT, LIMESTONE, ANDESITE TUFF AND SYENITE
E UNCLASSIFIED ROCKS OF THE TAKLA GROUP
SITLIKA ASSEMBLAGE
D BASALT, RHYOLITE, TUFF, WACKE AND ARGILLITE
PENNSYLVANIAN–PERMIAN
ASITKA GROUP
C BASALT, CHERT, LIMESTONE, BASALTIC TUFF AND RHYOLITE
MANSON CREEK ASSEMBLAGE
B SLATE, ARGILLITE, RIBBON CHERT, LIMESTONE AND GREENSTONE
CACHE CREEK GROUP
A BASALT, LIMESTONE, CHERT, QUARTZOSE PHYLLITE AND ULTRAMAFIC ROCKS
55° 30'
55° 15'
55° 00'
56° 30'
56° 15'
56° 00'
55° 45'
128° 00'
125° 30'
125° 00'
124° 30'
124°
Map 2

Figure 4



Cretaceous to Tertiary

KTO — Ustlin Formation: undivided sedimentary rocks

Upper Cretaceous

Sutter Group

uKSu — coarse clastic sedimentary rocks

Early Cretaceous

Hogem Plutonic Suite

EKH — granite, alkali feldspar granite intrusive rocks

Lower Cretaceous

lKcg — conglomerate, coarse clastic sedimentary rocks

Jurassic

Takla Group

TrJTgs — greenstone, greenschist metamorphic rocks

Early Jurassic

EJqm — quartz monzonite intrusive rocks

Hogem Plutonic Suite

EJHqm — quartz monzonite intrusive rocks

EJHD — Duckling Creek Syenite Complex: syenite to monzonite intr

Triassic to Jurassic

Takla Group

TrJTvb — basaltic volcanic rocks

TrJTpg — pyrogneiss metamorphic rocks

Late Triassic to Early Jurassic

uTrJTst — argillite, greywacke, wacke, conglomerate t

Late Triassic

uTrTW — Witch Lake Formation: volcaniclastic rock

Upper Triassic

uTrTca — calc-alkaline volcanic rocks

uTrTmd — mudstone/laminite fine clastic sedimentary

Early to Late Permian

Lay Range Assemblage

PL — volcaniclastic rocks

Permian

Pgb — gabbroic to dioritic intrusive rocks

PL — volcaniclastic rocks

Mississippian to Pennsylvanian

MPuLus — serpentinite ultramafic rocks

Figure 5

Regional Geology

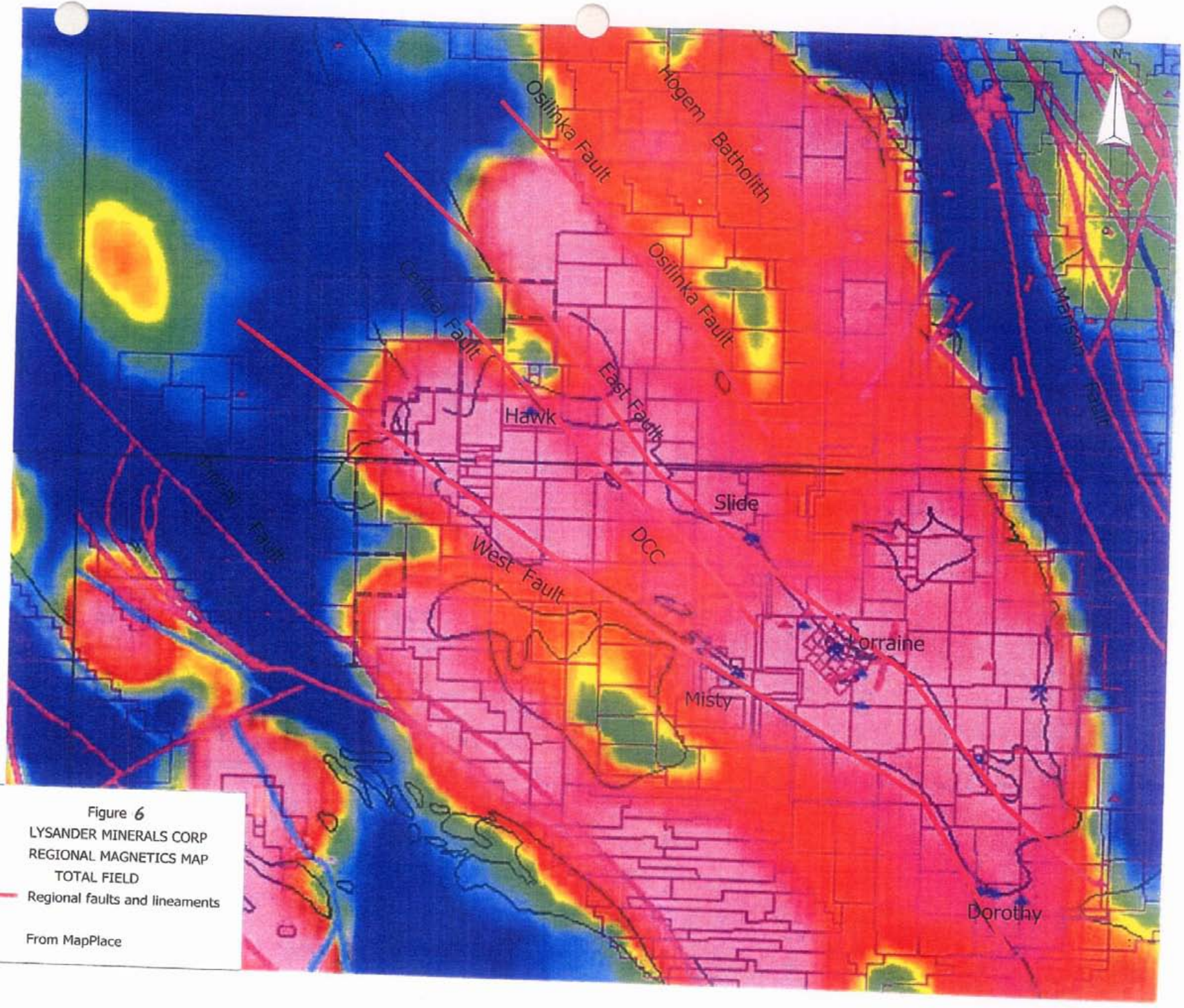


Figure 6
LYSANDER MINERALS CORP
REGIONAL MAGNETICS MAP
TOTAL FIELD
Regional faults and lineaments

From MapPlace

FIELD WORK AND REPORT PREPARATION

A 1:5000 base map, with limited detail, was prepared during the 2009 field season. On this map the claim boundaries have been plotted. While in the field, roads, topographical features, streams, outcrops, etc., were plotted using a Garmin GPS Map 60CS.

The purpose of this current investigation was to do a limited magnetometer survey along existing roads to see if there was a magnetic signature from the Osilinka Fault and the HaHa Fault and at a possible intersecting locus. Stations were measured along the roads every 25 metres using a topo chain for control and the GPS for further control. A total of 4425 metres of line were established with a total of 179 individual stations.

A base station was set up on the grid and numerous readings were taken at this base station before the survey was commenced and during the survey in order to establish an average base station reading to calibrate the instrument to the lower range of readings and to maintain control over diurnal fluctuations. During the survey, four duplicate readings were taken. Also during the survey, any cultural magnetic objects such as culverts and other iron objects were noted.

A Scintrex Model MF1 fluxgate magnetometer was used for this survey.

The magnetometer readings were then to be corrected for diurnal fluctuations using straight line time calculations. These results were taken to be plotted on a scale of 1:2500.

During the time in the field, six stream samples, two soil samples, and eleven combination stream and seep samples were taken for analysis, and one rock sample of a well-mineralized boulder that was sitting on top of the glacial drift. As it was only float, it was not sent for analysis. The sample was mostly magnetite with chalcopyrite of the Duckling Creek Complex.

RESULTS

With only 179 individual stations and only four duplicate readings being made, there was insufficient data sets to establish a formula for diurnal calculations. The duplicate readings were within 100 nano teslins on two different days with no diurnal corrections, which is within the limit of being able to duplicate readings.

There were only 17 readings made at the base stations which were again insufficient to establish a diurnal pattern and an average for that base station. Also, there was a problem during the morning of October 14, 2010 when the average of five readings were three times the average of fourteen subsequent readings. This suggested that there was a minor magnetic storm that morning that had subsided later in the morning allowing three duplicate readings to be made with a difference of less than 100 nano teslins and one was duplicated. The two others were duplicated within 40 nano teslins.

Because of this, it was decided to just plot the raw data to see if there was some magnetic pattern to suggest a location for the Osilinka Fault.

On this limited survey, the range of anomalies was only -100 to +2225 nano teslins with, for the most part, a relatively flat magnetic range with nothing strikingly significant. There were three areas of interest that might warrant some follow up.

Between W975 station and W1200, a difference of 1340 nano teslins was recorded over 225 metres. Between W2400 station and W2700 station was a difference of 750 nano teslins over a broad area of 300 metres. Both of these should be followed up. The third area of interest was between S150 station and S225 station with a range of 1725 nano teslins over 75 metres. It was suspected that cultural iron may have been buried in the road fill but this should be followed up.

At W1525 station, the reading of -4250 on the bridge over the unnamed creek would be the result of the cultural contamination of the iron bridge stringers. However the minus readings of W1475 and W1450 are far enough away from the iron stringers of the bridge to be affected by them. These readings might indicate a fault zone but it would not be the

Osilinka Fault. The Osilinka Fault is mis-plotted on Figure 6. It should be moved to the east of this schematic cartoon.

Of the 19 stream sediment samples, seep samples and soil samples submitted for analysis, none return anomalous results. Two samples returned elevated results for some minerals.

DK2919-16 returned elevated results for Mo, Co, Mn and Fe.

DK2010-17 returned elevated results for Cu, Zn, Ag, Y, Sc and Li.

RECOMMENDATIONS

A trail should be established to the REM Showing within the block and further up this stream to enable detailed prospecting and sampling of all the lateral streams.

The area up slope from the two seep samples of DK2010-16 and DK2010-17 should be prospected and sampled.

CONCLUSION

The DK 1-3 claims remain a viable prospect.

STATEMENT OF COSTS

October 7, 13, 14, 15, 2010

Wages - D.K. Bragg	38 hours @ $35/hr	$ 1,330.00
Prorated transportation costs including gas,, meals, and D.K. Bragg time		745.00
Hotel	1 night	100.00
Truck	4 days @ $80/day	320.00
Gas		100.00
Equipment rental & camp supplies	4 days @ $15/day	60.00
Food	4 days @ $40/day	160.00
Assays	19 samples @ $22/ea	420.00
Report preparation		700.00
	TOTAL COST	**$ 3,935.00**
Debit D.K. Bragg	**PAC 30% of $3,935.00**	1,180.50
		$ 5,115.50

QUALIFICATIONS OF DONALD K. BRAGG

I, Donald K. Bragg, Prospector, state as follows:

- Graduated Armstrong High School, Armstrong, B.C.
- Attended U.B.C. from 1958 to 1962, Faculty of Arts and Science, in Honours Geology.
- Worked in mineral exploration since 1956.
- Worked for Kenco Explorations during the summers of 1956, 1957 and 1959 in the Yukon and Northern B.C. as an assistant prospector, head prospecter and geochemical sampler under the direction of Dr. R. Cambell and R. Woodcock.
- Worked as head prospector for the Nahanni Syndicate in the Northwest Territories in 1960 under the direction of Doug Wilmont.
- Worked as head prospector in the Yukon for Dualco in 1961 under the direction of E. Wozniak.
- Worked as head prospector for Mining Corp. of Canada, Southwestern B.C. in 1962 under J.S. Scott and Dr. K. Northcote.
- Worked as head prospector during the summer of 1963 for the Francis River Syndicate in central Yukon under the direction of Dr A. Aho.
- Worked as field geologist in the Greenwood area of B.C. for Scurry Rainbow Oil in 1965 under the direction of Bill Quinn.
- Worked as field supervisor for Alrae Explorations Ltd. from September 1965 to April 1967 under the direction of Rae Jury.
- Since 1956, self-employed contractor hired by various mining companies in the following fields: prospecting, property examination, claim staking, line cutting, topographical mapping, geological mapping, reconnaissance mineral sampling, draughting, air photo interpretation, geochemistry, geophysics, supervising property exploration programs, setting up bush camps, and camp manager.
- Since 1956, self-employed prospector working in various areas in British Columbia and on self-owned properties.

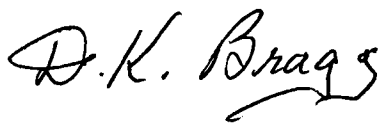
- Assisted in teaching field procedures for Geochemical Explorations Section of the Ministry of Energy, Mines and Petroleum Resources Mineral Exploration Course For Prospectors under the direction of Dr. S. Hoffman in 1984, 1985, 1986, 1987, 1988.

- Received the B.C. Provincial Grubstake Award for the years 1964, 1968, 1969, 1970, 1980, 1981, 1982, 1983, 1984, 1986, 1987, and 1988.

- Worked in the Rossland Camp from 1971 to 1991 as prospector/miner on the Snowdrop and Blue Bird Claims, and mining exploration contractor.

- Worked in the Osilinka and Cut Mountain area with Lysander Mining Corporation during the 2004, 2005, 2006, 2007, 2008 field seasons under the direction of Peter E. Fox, Ph.D., P.Eng., in setting up and managing the camp, prospecting, and mapping the area.

Respectfully submitted,



D. K. Bragg

July 10, 2011

Vancouver, B.C.

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Prospecting, Topographical and Geological Mapping Report on the DK 1 to 3 Claims by D.K. Bragg dated Sept. 11, 2009

APPENDIX I

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Bragg, Don**
6588 152nd Street
Surrey BC V3S 3L1 Canada

Submitted By: Don Bragg
Receiving Lab: Canada-Vancouver
Received: February 04, 2011
Report Date: February 09, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN11000600.1

CLIENT JOB INFORMATION

Project:	DK 1-3
Shipment ID:	
P.O. Number	
Number of Samples:	19

SAMPLE DISPOSAL

RTRN-PLP	Return
RTRN-RJT	Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	19	Dry at 60C sieve 100g to -80 mesh			VAN
RJSV	19	Saving all or part of Soil Reject			VAN
Dry at 60C	19	Dry at 60C			VAN
1EX	19	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bragg, Don
6588 152nd Street
Surrey BC V3S 3L1
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.
"**" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Bragg, Don**
6588 152nd Street
Surrey BC V3S 3L1 Canada

Project: DK 1-3
Report Date: February 09, 2011

CERTIFICATE OF ANALYSIS VAN11000600.1

	Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.001
DK 2010 001	Soil	3.4	59.0	9.3	55	<0.1	9.6	15.2	954	6.44	2	3.5	<0.1	4.0	735	0.1	0.5	0.1	233	3.27	0.172
DK 2010 002	Soil	4.5	37.3	7.7	50	<0.1	6.8	18.6	1582	10.50	5	3.7	0.2	6.9	736	<0.1	0.3	0.2	283	3.42	0.173
DK 2010 003	Soil	1.4	50.9	9.0	46	<0.1	5.6	14.2	1016	6.34	3	2.8	<0.1	4.7	787	0.1	0.3	0.1	217	3.27	0.164
DK 2010 004	Soil	1.5	94.4	8.2	49	<0.1	8.4	12.9	797	5.17	3	1.7	<0.1	3.2	843	<0.1	0.3	<0.1	198	3.05	0.149
DK 2010 005	Soil	1.6	56.5	8.3	40	0.2	4.9	10.5	867	3.42	1	2.1	<0.1	3.5	752	0.2	0.3	<0.1	124	2.71	0.135
DK 2010 006	Soil	0.8	24.0	10.5	46	0.1	5.8	9.6	606	5.95	3	1.8	<0.1	4.0	782	0.1	0.3	0.1	201	2.16	0.404
DK 2010 007	Soil	1.5	24.1	10.5	41	0.2	5.0	7.0	545	4.93	3	1.7	<0.1	4.3	720	0.1	0.4	0.1	165	1.97	0.305
DK 2010 008	Soil	1.9	45.7	10.3	46	<0.1	5.9	10.2	730	3.43	2	1.4	<0.1	3.0	909	<0.1	0.3	<0.1	129	2.29	0.097
DK 2010 009	Soil	1.3	40.2	9.2	46	<0.1	4.9	8.3	674	2.89	1	1.8	<0.1	3.5	818	0.1	0.4	<0.1	134	2.30	0.126
DK 2010 010	Soil	1.7	48.5	10.4	57	0.1	6.5	12.3	1007	4.73	2	2.3	<0.1	6.9	872	0.1	0.4	<0.1	171	2.56	0.127
DK 2010 011	Soil	6.2	61.9	11.1	55	0.1	7.9	14.8	1257	5.04	2	2.4	<0.1	4.1	858	0.1	0.4	0.1	181	2.58	0.115
DK 2010 012	Soil	11.5	56.8	11.9	58	0.3	6.5	20.6	3735	7.80	2	2.8	<0.1	4.0	669	0.3	0.3	<0.1	180	2.49	0.127
DK 2010 013	Soil	3.0	65.8	11.1	66	0.2	6.7	14.5	1211	6.35	2	1.7	<0.1	3.3	810	0.1	0.3	<0.1	222	2.59	0.114
DK 2010 014	Soil	2.8	53.7	11.5	70	0.3	8.4	18.8	1783	9.26	2	3.6	<0.1	7.1	824	0.2	0.3	<0.1	317	3.25	0.142
DK 2010 015	Soil	5.7	60.8	10.9	56	<0.1	5.9	14.8	1426	7.75	3	1.5	<0.1	3.1	877	0.2	0.4	<0.1	210	2.50	0.130
DK 2010 016	Soil	39.9	65.3	5.1	17	0.2	2.4	23.8	5196	28.52	3	1.9	<0.1	4.6	225	0.2	0.1	<0.1	180	1.08	0.062
DK 2010 017	Soil	7.4	102.5	9.3	73	0.6	7.8	16.4	2611	5.94	<1	6.8	<0.1	4.4	783	0.6	0.4	<0.1	193	3.66	0.175
DK 2010 018	Soil	1.0	54.1	8.1	60	<0.1	15.8	20.0	1262	7.08	3	1.5	<0.1	3.6	729	<0.1	0.5	<0.1	261	3.38	0.142
DK 2010 019	Soil	0.8	69.3	22.2	55	<0.1	8.4	12.3	815	3.91	<1	1.3	<0.1	2.7	898	<0.1	0.4	<0.1	167	3.01	0.156

AcmeLabs
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Client: **Bragg, Don**
6588 152nd Street
Surrey BC V3S 3L1 Canada

Project: DK 1-3
Report Date: February 09, 2011

CERTIFICATE OF ANALYSIS VAN11000600.1

	Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S	Rb
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	MDL	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1	0.1
DK 2010 001	Soil	16.5	23	1.08	1495	0.382	7.83	2.754	1.75	2.1	36.8	35	1.2	19.5	8.7	0.6	2	10	11.2	<0.1	36.5
DK 2010 002	Soil	24.1	18	1.08	1434	0.443	7.20	2.416	1.72	1.4	45.9	50	1.2	28.3	10.6	0.7	1	10	9.6	<0.1	41.1
DK 2010 003	Soil	17.9	13	0.99	1616	0.366	8.01	2.721	1.80	1.3	32.3	36	1.1	21.2	8.4	0.6	1	9	10.1	<0.1	39.6
DK 2010 004	Soil	14.5	15	0.95	1561	0.377	7.58	2.949	2.08	1.1	34.1	30	1.1	17.5	8.2	0.5	<1	9	12.6	<0.1	39.6
DK 2010 005	Soil	14.4	12	0.75	1599	0.293	7.61	2.685	1.88	0.9	28.0	27	1.0	16.0	6.8	0.4	2	7	9.5	<0.1	37.5
DK 2010 006	Soil	12.3	17	0.65	1350	0.319	10.00	2.433	2.00	1.2	39.5	27	1.0	14.8	8.3	0.6	2	8	11.1	<0.1	46.7
DK 2010 007	Soil	12.0	17	0.58	1383	0.353	10.37	2.356	1.80	1.3	53.3	25	1.1	13.8	9.7	0.6	2	8	12.7	<0.1	41.5
DK 2010 008	Soil	12.3	12	0.74	1772	0.285	8.32	3.022	2.34	1.1	28.3	25	1.0	12.7	6.5	0.4	1	7	12.8	<0.1	46.5
DK 2010 009	Soil	13.8	11	0.74	1578	0.333	7.62	2.761	2.33	1.1	34.3	28	1.1	15.4	7.8	0.5	1	7	9.5	<0.1	44.4
DK 2010 010	Soil	13.8	13	0.78	1669	0.339	7.98	2.999	2.29	1.0	41.4	30	1.1	16.0	8.4	0.5	1	7	12.7	<0.1	46.2
DK 2010 011	Soil	16.5	16	0.87	1609	0.371	7.89	2.671	3.20	1.4	41.4	33	1.2	18.7	8.8	0.5	2	8	17.8	<0.1	60.9
DK 2010 012	Soil	19.3	15	0.82	1196	0.314	6.29	1.880	2.03	0.9	36.3	36	0.9	16.7	7.0	0.4	2	8	14.5	<0.1	44.7
DK 2010 013	Soil	15.6	17	0.90	1470	0.367	7.52	2.685	1.87	1.0	41.6	33	1.1	17.7	8.8	0.6	2	8	14.0	<0.1	38.9
DK 2010 014	Soil	20.9	28	0.87	1360	0.409	6.56	2.205	1.97	0.9	57.0	42	1.4	24.8	10.1	0.6	1	9	15.3	<0.1	40.2
DK 2010 015	Soil	17.2	15	0.79	1585	0.326	7.69	2.602	2.00	0.9	40.8	40	0.9	16.3	7.7	0.5	1	7	13.5	<0.1	38.3
DK 2010 016	Soil	20.1	10	0.16	573	0.055	1.58	0.367	0.53	0.4	16.0	52	0.2	10.9	1.5	<0.1	<1	3	2.5	<0.1	12.2
DK 2010 017	Soil	23.5	18	0.97	1224	0.344	6.43	1.793	2.03	1.5	54.6	37	1.0	26.9	7.1	0.4	2	11	23.4	<0.1	40.2
DK 2010 018	Soil	15.5	52	1.26	1307	0.403	7.07	2.495	1.51	1.0	39.4	35	1.0	18.6	8.3	0.5	1	11	11.8	<0.1	27.6
DK 2010 019	Soil	14.3	21	1.04	1503	0.345	8.16	3.021	2.29	1.1	41.1	30	1.1	16.2	7.9	0.5	1	9	13.4	<0.1	39.4

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Project: DK 1-3
Report Date: February 09, 2011

CERTIFICATE OF ANALYSIS

VAN11000600.1

		Method	1EX
		Analyte	Hf
		Unit	ppm
		MDL	0.1
DK 2010 001	Soil		1.4
DK 2010 002	Soil		1.6
DK 2010 003	Soil		1.2
DK 2010 004	Soil		1.2
DK 2010 005	Soil		1.0
DK 2010 006	Soil		1.4
DK 2010 007	Soil		1.5
DK 2010 008	Soil		1.0
DK 2010 009	Soil		1.2
DK 2010 010	Soil		1.3
DK 2010 011	Soil		1.5
DK 2010 012	Soil		1.3
DK 2010 013	Soil		1.4
DK 2010 014	Soil		1.8
DK 2010 015	Soil		1.4
DK 2010 016	Soil		0.4
DK 2010 017	Soil		1.7
DK 2010 018	Soil		1.4
DK 2010 019	Soil		1.3

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Surrey BC V3S 3L1 Canada

Project: DK 1-3
Report Date: February 09, 2011

QUALITY CONTROL REPORT VAN11000600.1

	Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S	Rb
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	MDL	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1	0.1
Pulp Duplicates																					
DK 2010 007	Soil	12.0	17	0.58	1383	0.353	10.37	2.356	1.80	1.3	53.3	25	1.1	13.8	9.7	0.6	2	8	12.7	<0.1	41.5
REP DK 2010 007	QC	13.8	17	0.59	1418	0.351	11.53	2.358	1.94	1.3	60.4	28	1.1	14.6	9.7	0.6	<1	8	12.6	<0.1	45.8
Reference Materials																					
STD OREAS24P	Standard	18.6	182	4.16	304	1.100	8.01	2.479	0.72	0.4	138.9	37	1.7	22.6	19.8	1.1	1	18	8.4	<0.1	21.2
STD OREAS24P	Standard	18.4	186	4.21	302	1.105	7.95	2.501	0.73	0.4	139.6	37	1.8	22.7	19.7	1.1	1	18	8.3	<0.1	20.9
STD OREAS24P Expected		17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7		22.4
BLK	Blank	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1	<0.1

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Client: **Bragg, Don**
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Project: DK 1-3
Report Date: February 09, 2011

QUALITY CONTROL REPORT VAN11000600.1

		Method	1EX
		Analyte	Hf
		Unit	ppm
		MDL	0.1
Pulp Duplicates			
DK 2010 007	Soil		1.5
REP DK 2010 007	QC		1.4
Reference Materials			
STD OREAS24P	Standard		3.4
STD OREAS24P	Standard		3.4
STD OREAS24P Expected			3.6
BLK	Blank		<0.1

PROJECT DK 2010 001
SAMPLER D.K. Bragg
DATE Oct 15 /2010
PROPERTY
UTM N 6210067 ± 5
UTM E 0346394
GRID N
GRID E

TYPE: Soil (Silt) Grab Chip Water Pan

MATERIAL: Till (Gravel) (Silt) (Sand) Talus (Organic) Bedrock Float

~~HORIZON: A B C Topsoil Humus Caliche~~

~~COLOUR: White (Black) Brown Orange Red~~ Grey Green

~~TOPOGRAPHY: Hilltop (Hillside) Gulley~~ Flat ~~Dry Creek Bog~~

REMARKS: Seep 1 m N of 1675 - The coordinates are of 1673

PROJECT DK 2010 002
SAMPLER D.K. Bragg
DATE Oct 15 2010
PROPERTY
UTM N 6210001 ± 5
UTM E 0346333
GRID N
GRID E

TYPE: Soil (Silt) Grab Chip Water Pan

MATERIAL: Till (Gravel) Silt Sand Talus (Organic) Bedrock Float

~~HORIZON: A B C Topsoil Humus Caliche~~

~~COLOUR: White Black (Brown) Orange Red~~ Grey Green Rusty

~~TOPOGRAPHY: Hilltop (Hillside) Gulley~~ Flat ~~Dry Creek Bog~~

REMARKS: Stream = Rd + Seep 1675 the coordinates are of 1675 Sample taken 1 m NE of culvert

PROJECT DK 2010 003
SAMPLER D.K. Bragg
DATE Oct 15 /2010
PROPERTY
UTM N 6209942 ± 5
UTM E 0346290
GRID N 290
GRID E

TYPE: Soil (Silt) Grab Chip Water Pan

MATERIAL: Till (Gravel) Silt Sand Talus (Organic) Bedrock Float

~~HORIZON: A B C Topsoil Humus Caliche~~

~~COLOUR: White Black (Brown) Orange Red~~ Grey Green Rusty

~~TOPOGRAPHY: Hilltop (Hillside) Gulley~~ Flat ~~Dry Creek Bog~~

REMARKS: Stream = Rd 1870 Coordinates Sample taken 4 m N

PROJECT DK 2010 004
SAMPLER D.K. Bragg
DATE Oct. 15 /2010
PROPERTY

UTM N 6209476 ± 5
UTM E 0345894
GRID N
GRID E

TYPE: Soil (Silt) Grab Chip Water Pan

MATERIAL: Till (Gravel Silt Sand) Talus (Organic) Bedrock Float

HORIZON: A B C Topsoil Humus Caliche

COLOUR: White Black (Brown) (Orange) Red Grey Green
Rusty

TOPOGRAPHY: Hilltop (Hillside) Gulley Flat Dry Creek Bog

REMARKS: Stream & Seep
Halfway between 2450 & 2475
Stream .3 m x 1cm x .5 m/sec
Sampled before ?

PROJECT DK 2010 005
SAMPLER D.K. Bragg
DATE Oct. 15 /2010
PROPERTY

UTM N 6209353 ± 4
UTM E 0345660
GRID N
GRID E

TYPE: Soil (Silt) Grab Chip Water Pan

MATERIAL: Till (Gravel Silt Sand) Talus Organic Bedrock Float

HORIZON: A B C Topsoil Humus Caliche

COLOUR: White (Black Brown Orange) Red Grey Green

TOPOGRAPHY: Hilltop (Hillside) Gulley Flat Dry Creek Bog

REMARKS: Stream
.25 m x 2 cm x .3 m/sec
Sample 6 m NW of 2725
coordinates of 2725

PROJECT DK 2010 006
SAMPLER D.K. Bragg
DATE Oct. 15 /2010
PROPERTY

UTM N 6209316 ± 2
UTM E 0345617
GRID N
GRID E

TYPE: (Soil) Silt Grab Chip Water Pan

MATERIAL: Till Gravel Silt Sand Talus Organic Bedrock Float

HORIZON: A (B) C Topsoil Humus Caliche

COLOUR: White Black Brown (Orange) Red Grey Green

TOPOGRAPHY: Hilltop (Hillside) Gulley Flat Dry Creek Bog

REMARKS: Soil Taken 8 m North of 2775
Coordinates are of 2775
Depth 20 cm
4" of ash layer

007

PROJECT DK 2010
SAMPLER D K Bragg
DATE Oct 15 /2010
PROPERTY

UTM N 6209163
UTM E 0345413
GRID N
GRID E

TYPE: ~~Soil~~ Silt Grab Chip Water Pan

MATERIAL: Till ~~Gravel~~ Silt ~~Sand~~ Talus
Organic Bedrock Float

HORIZON: A B C Topsoil Humus Caliche

COLOUR: White Black ~~Brown~~ Orange Red
Grey Green Rusty

TOPOGRAPHY: Hilltop ~~Hillside~~ Gulley
Flat Dry Creek Bog

REMARKS: Soil taken 3 m N of 3025
coordinates of 3025

Depth 20 cm
Ash layer 10 cm deep

008

PROJECT DK 2010
SAMPLER D K Bragg
DATE Oct 15 2010
PROPERTY

UTM N 6209064
UTM E 0345266
GRID N
GRID E

TYPE: Soil ~~Silt~~ Grab Chip Water Pan

MATERIAL: Till ~~Gravel~~ Silt ~~Sand~~ Talus
Organic Bedrock Float

HORIZON: A B C Topsoil Humus Caliche

COLOUR: White ~~Black~~ ~~Brown~~ Orange Red
Grey Green

TOPOGRAPHY: Hilltop ~~Hillside~~ ~~Gulley~~
Flat Dry Creek Bog

REMARKS: 5 m N of 3200
.3 m x 2cm x .3 m/sec

009

PROJECT DK 2010
SAMPLER D K Bragg
DATE Oct 15 /2010
PROPERTY

UTM N ~~6209163~~ 6208941
UTM E 0345134 18
GRID N
GRID E

TYPE: Soil ~~Silt~~ Grab Chip Water Pan

MATERIAL: Till ~~Gravel~~ Silt ~~Sand~~ Talus
~~Organic~~ Bedrock Float

HORIZON: A B C Topsoil Humus Caliche

COLOUR: White ~~Black~~ ~~Brown~~ Orange ~~Red~~
Grey Green Rusty

TOPOGRAPHY: Hilltop Hillside Gulley
Flat Dry Creek Bog

REMARKS: 15 m E of 3400
Cr ≈ Rd & Seep
0.3 m x 1 cm x .1 m/sec

Sampled before ?

010

PROJECT DK 2010
SAMPLER D.K. Bragg
DATE Oct. 15 /2010
PROPERTY

UTM N 6208902 ± 9
UTM E 0345074
GRID N
GRID E

TYPE: Soil (Silt) Grab Chip Water Pan

MATERIAL: Till (Gravel) Silt (Sand) Talus
(Organic) Bedrock Float

~~HORIZON: A B C Topsoil Humus Caliche~~

~~COLOUR: White~~ (Black) (Brown) ~~Orange~~ (Red)
Grey Green Rusty

~~TOPOGRAPHY: Hilltop~~ (Hillside) (Gulley)
Flat ~~Dry Creek Bog~~

REMARKS: at 3450
1 m x 2cm x .5/sec
Creek + Seep

Sampled before?

011

PROJECT DK 2010
SAMPLER D.K. Bragg
DATE Oct. 15 2010
PROPERTY

UTM N 6208718 ± 5
UTM E 0344653
GRID N
GRID E

TYPE: Soil (Silt) Grab Chip Water Pan

MATERIAL: Till (Gravel) Silt (Sand) Talus
(Organic) Bedrock Float

~~HORIZON: A B C Topsoil Humus Caliche~~

~~COLOUR: White~~ (Black) (Brown) ~~Orange~~ (Red)
Grey Green Rusty

~~TOPOGRAPHY: Hilltop~~ (Hillside) ~~Gulley~~
Flat ~~Dry Creek Bog~~

REMARKS: at 3500
.3m x 1 cm x .3 sec
Creek + Seeps
in to road

012

PROJECT DK 2010
SAMPLER D.K. Bragg
DATE /2010
PROPERTY

UTM N 6208857
UTM E 0344980
GRID N
GRID E

TYPE: Soil (Silt) Grab Chip Water Pan

MATERIAL: Till (Gravel) Silt (Sand) Talus
(Organic) Bedrock Float

~~HORIZON: A B C Topsoil Humus Caliche~~

~~COLOUR: White~~ (Black) (Brown) ~~Orange~~ (Red)
Grey Green Rusty

~~TOPOGRAPHY: Hilltop~~ (Hillside) ~~Gulley~~
Flat ~~Dry Creek Bog~~

REMARKS: Sample Site 4m W
of 3550
Dry Seep + Stream

013

PROJECT DK 2010

SAMPLER D K Bragg
DATE Oct 15 /2010
PROPERTY

UTM N 6208824 ±7
UTM E 0344909
GRID N
GRID E

TYPE: Soil (Silt) ~~Grab~~ ~~Chip~~ ~~Water~~ ~~Pan~~

MATERIAL: ~~Till~~ (Gravel) ~~Silt~~ ~~Sand~~ ~~Talus~~ (Organic) ~~Bedrock~~ ~~Float~~

HORIZON: ~~A~~ ~~B~~ ~~C~~ ~~Topsoil~~ ~~Humus~~ ~~Caliche~~

COLOUR: ~~White~~ ~~Black~~ ~~Brown~~ ~~Orange~~ ~~Red~~ ~~Grey~~ ~~Green~~ Rusty

TOPOGRAPHY: ~~Hilltop~~ ~~Hillside~~ ~~Gulley~~ ~~Flat~~ ~~Dry Creek~~ ~~Bog~~

REMARKS: Cr ≈ to Rd + Seeps .5m x 1cm x .3 m/sec

014

PROJECT DK 2010

SAMPLER D K Bragg
DATE Oct 15 2010
PROPERTY

UTM N 6208783 ±5
UTM E 0344821
GRID N
GRID E

TYPE: Soil (Silt) ~~Grab~~ ~~Chip~~ ~~Water~~ ~~Pan~~

MATERIAL: ~~Till~~ (Gravel) ~~Silt~~ ~~Sand~~ ~~Talus~~ (Organic) ~~Bedrock~~ ~~Float~~

HORIZON: ~~A~~ ~~B~~ ~~C~~ ~~Topsoil~~ ~~Humus~~ ~~Caliche~~

COLOUR: ~~White~~ ~~Black~~ ~~Brown~~ ~~Orange~~ ~~Red~~ ~~Grey~~ ~~Green~~ Rusty

TOPOGRAPHY: ~~Hilltop~~ ~~Hillside~~ ~~Gulley~~ ~~Flat~~ ~~Dry Creek~~ ~~Bog~~

REMARKS: Cr from N .5m x 1cm x .3 m/sec Seeps ≈ to rd at 3B25

015

PROJECT DK 2010

SAMPLER D K Bragg
DATE Oct 15 /2010
PROPERTY

UTM N 6208747 ±7
UTM E 0344735
GRID N
GRID E

TYPE: Soil (Silt) ~~Grab~~ ~~Chip~~ ~~Water~~ ~~Pan~~

MATERIAL: ~~Till~~ (Gravel) ~~Silt~~ ~~Sand~~ ~~Talus~~ (Organic) ~~Bedrock~~ ~~Float~~

HORIZON: ~~A~~ ~~B~~ ~~C~~ ~~Topsoil~~ ~~Humus~~ ~~Caliche~~

COLOUR: ~~White~~ ~~Black~~ ~~Brown~~ ~~Orange~~ ~~Red~~ ~~Grey~~ ~~Green~~ Rusty

TOPOGRAPHY: ~~Hilltop~~ ~~Hillside~~ ~~Gulley~~ ~~Flat~~ ~~Dry Creek~~ ~~Bog~~

REMARKS: Seeps + Wat ≈ to Rd .3m x 4cm x .5m/sec at 3B15

016

PROJECT ...DK...2010...

SAMPLER DK Bragg
DATE ...Oct 15.....2010
PROPERTY .....

UTM N....6208752....
UTM E...0344697.....
GRID N.....
GRID E.....

TYPE: Soil (Silt) Grab Chip Water Pan

MATERIAL: Till Gravel Silt Sand Talus
(Organic) Bedrock Float

HORIZON: A B C Topsoil Humus Caliche

COLOUR: White Black Brown (Orange Red)
Grey Green
Rusty

TOPOGRAPHY: Hilltop (Hillside) Gulley
Flat Dry Creek Bog

REMARKS: Seep
20 m N of 12 + station
3650

017

PROJECT ...DK...2010...

SAMPLER DK Bragg
DATE ...Oct 15.....2010
PROPERTY .....

UTM N....6208716.....±5
UTM E...0344622.....
GRID N.....
GRID E.....

TYPE: Soil (Silt) Grab Chip Water Pan

MATERIAL: Till (Gravel Silt Sand) Talus
Organic Bedrock Float

HORIZON: A B C Topsoil Humus Caliche

COLOUR: White (Black Brown) Orange Red
Grey Green

TOPOGRAPHY: Hilltop (Hillside) Gulley
Flat Dry Creek Bog

REMARKS: At 3925
.2 m x 2cm x .5 in/sec

018

PROJECT ...DK...2010...

SAMPLER DK Bragg
DATE ...Oct 15.....2010
PROPERTY .....

UTM N....6210306 ± 4
UTM E...0346904.....
GRID N.....
GRID E.....

TYPE: Soil (Silt) Grab Chip Water Pan

MATERIAL: Till (Gravel Silt Sand) Talus
Organic Bedrock Float

HORIZON: A B C Topsoil Humus Caliche

COLOUR: White (Black Brown) Orange Red
Grey Green

TOPOGRAPHY: Hilltop (Hillside) Gulley
Flat Dry Creek Bog

REMARKS: At 1050
Stream from gully on east
side of Moraine
.2 x 1cm x .2 cm/sec

219

PROJECT DK 1-3

SAMPLER D.K. Bragg
DATE Oct. 15 /2010
PROPERTY

UTM N 6210466 Sample 7 m
UTM E 0347130 North & West
GRID N of this
GRID E

TYPE: Soil (Silt) Grab Chip Water Pan

MATERIAL: Till Gravel Silt Sand Talus
Organic Bedrock Float

HORIZON: A B C Topsoil Humus Caliche

COLOUR: White Black Brown Orange Red
Grey Green

TOPOGRAPHY: Hilltop Hillside Gulley
Flat Dry Creek Bog

REMARKS:
775 0347130 Hatta Line +
6210466 -7
Sample Taken 7 m NW
grassy Swale to NNW

PROJECT

SAMPLER
DATE /2010
PROPERTY

UTM N
UTM E
GRID N
GRID E

TYPE: Soil Silt Grab Chip Water Pan

MATERIAL: Till Gravel Silt Sand Talus
Organic Bedrock Float

HORIZON: A B C Topsoil Humus Caliche

COLOUR: White Black Brown Orange Red
Grey Green

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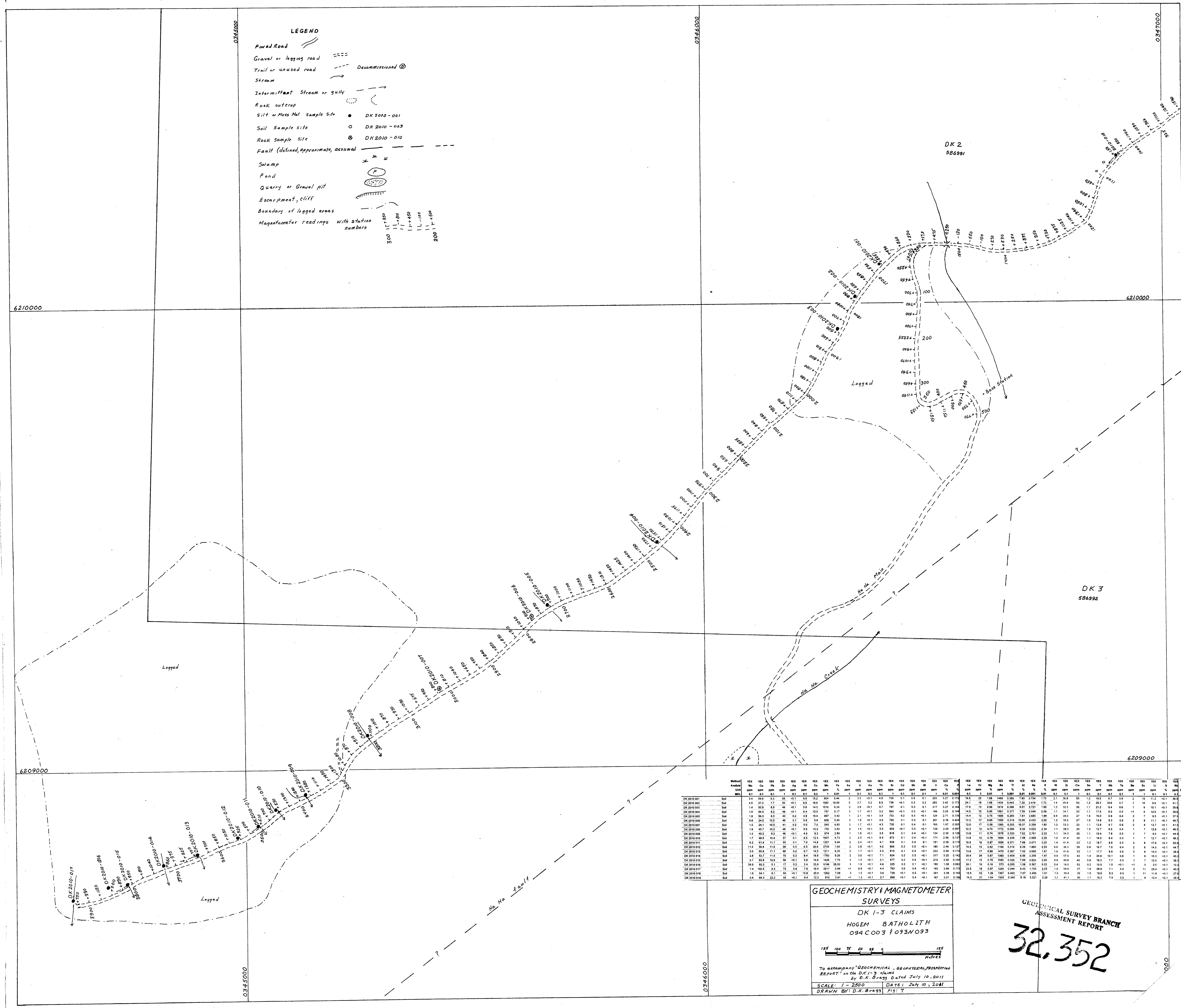
REMARKS:

Date	Line	Station	Mag Reading in NANO Teslins	Time	Scale	Comments	Straight Line Time	Correction	Corrected Reading in NANO TESLINS
Oct 14	Camp	Base	+ 1800	9:36	3K				
	"	"	+ 1900	9:47	3K				
	"	"	+ 2000	9:56	3K				
	"	"	+ 2040	10:04	3K				
	"	"	+ 1950	10:17	3K				
	Ha Ha Main	W 0	+ 1300	10:56	3K				
		W 25	+ 900		3K				
		W 50	+ 950		3K				
		W 75	+ 1150		3K				
		W 100	+ 1075	11:00	3K				
		W 125	+ 820		1K				
		W 150	+ 750		1K				
		W 175	+ 850		1K				
		W 200	+ 850	11:04	1K				
		W 225	+ 975		1K				
		W 250	+ 1100		3K				
		W 275	+ 900		1K				
		W 300	+ 800	11:07	1K				
		W 325	+ 900		1K				
		W 350	+ 1050		3K				
		W 375	+ 870		1K				
		W 400	+ 725	11:11	1K				
		W 425	+ 950		1K				
		W 450	+ 1075		3K				
		W 475	+ 1100		3K				
		W 500	+ 1160	11:14	3K				
		W 525	+ 1040		3K				
		W 550	+ 1100		3K				
		W 575	+ 1250		3K				
		W 600	+ 975	11:18	1K				
		W 625	+ 860		1K				
		W 650	+ 900		1K				
		W 645	+ 1200		3K				
		W 700	+ 900	11:23	3K	iron sign post 3 m to the west			

Date	Line	Station	Mag Reading in NANO Teslins	Time	Scale	Comments	Straight Line Time	Correction	Corrected Readings in NANO TESLINS
Oct 14	Ha Ha Main	W 725	+200		1K				
		W 750	+1050		3K				
		W 775	+750		1K				
		W 800	+800	11:28	3K				
		W 825	+780		1K				
		W 850	+1090		3K				
		W 875	+1540		3K				
		W 900	+1240	11:32	3K				
		W 925	+1100		3K				
		W 950	+960		3K				
		W 975	+1090		3K				
		W 1000	+1000	11:35	1K				
		W 1025	+520		1K				
		W 1050	+150		1K				
		W 1075	0		1K				
		W 1100	0	11:40	1K				
		W 1125	+650		1K				
		W 1150	+800		1K				
		W 1175	+1050		3K				
		W 1200	+1340	11:44	3K				
		W 1225	+1040		3K				
		W 1250	+1125		3K				
		W 1275	+875		1K				
		W 1300	+760	11:48	1K				
		W 1325	+950		1K				
		W 1350	+825		1K				
		W 1375	+250		1K				
		W 1400	+510	11:52	1K				
	Camp	Base	+520	12:04	1K				
Oct 14	"	"	+520	12:11	1K				
Oct 15	"	"	+1125	8:45	3K				
	"	"	+920	9:04	1K				
	"	"	+810	9:25	1K				
	"	"	+800	9:32	1K				
	"	"	+800	9:56	1K				

Date	Line	Station	Mag Reading in NANO Teslins	Time	Scale	Comments	Straight Line Time	Correction	Corrected Readings in NANO TESLINS
Oct 15	Ha Ha Main	W 1350	+850	10:12	3K				
		W 1375	+ 250		3K				
		W 1400	+ 550	10:15	3K				
		W 1425	+ 270		1K				
		W 1450	- 100		1K				
		W 1450	- 550		1K				
		W 1500	- 120	10:19	1K				
		W 1525	- 4250		10K	Bridge Iron Stringers			
		W 1550	+ 475		3K				
	Ha Ha Main Branch to West	W 1575	+ 120		3K				
		W 1600	+ 220	10:24	3K	≈ to Ha Ha Main 0 South			
		W 1625	+ 860		1K				
		W 1650	+ 490		1K				
		W 1675	+ 525		1K				
		W 1700	+ 550	10:28	1K				
		W 1725	+ 850		1K				
		W 1750	+ 650		1K				
		W 1775	+ 890		1K				
		W 1800	+ 1040	10:33	3K				
		W 1825	+ 700		1K				
		W 1850	+ 500		1K				
		W 1875	+ 600		1K				
		W 1900	+ 910	10:37	1K				
		W 1925	+ 800		1K				
		W 1950	+ 1100		3K				
		W 1975	+ 780		3K				
		W 2000	+ 800	10:41	3K				
		W 2025	+ 1100		3K				
		W 2050	+ 870		3K				
		W 2075	+ 780		1K				
		W 2100	+ 550	10:45	1K				
		W 2125	+ 840		1K				
		W 2150	+ 600		1K				
		W 2175	+ 825		1K				
Oct 15	West	W 2200	+ 800	10:48	1K				



	Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.001
DK 2010 001	Soil	3.4	59.0	9.3	55	<0.1	9.6	15.2	954	6.44	2	3.5	<0.1	4.0	735	0.1	0.5	0.1	233	3.27	0.172
DK 2010 002	Soil	4.5	37.3	7.7	50	<0.1	6.8	18.6	1582	10.50	5	3.7	0.2	6.9	736	<0.1	0.3	0.2	283	3.42	0.173
DK 2010 003	Soil	1.4	50.9	8.0	46	<0.1	5.6	14.2	1016	6.34	3	2.8	<0.1	4.7	787	0.1	0.3	0.1	217	3.27	0.164
DK 2010 004	Soil	1.5	94.4	8.2	49	<0.1	6.4	12.9	797	5.17	3	1.7	<0.1	3.2	843	<0.1	0.3	<0.1	198	3.05	0.149
DK 2010 005	Soil	1.6	56.5	8.3	40	0.2	4.9	10.6	867	3.42	1	2.1	<0.1	3.5	752	0.2	0.3	<0.1	124	2.71	0.135
DK 2010 006	Soil	0.8	24.0	10.5	46	0.1	5.8	9.6	606	5.95	3	1.8	<0.1	4.0	782	0.1	0.3	0.1	201	2.16	0.404
DK 2010 007	Soil	1.5	24.1	10.5	41	0.2	5.0	7.0	545	4.93	3	1.7	<0.1	4.3	720	0.1	0.4	0.1	165	1.97	0.305
DK 2010 008	Soil	1.9	45.7	10.3	46	<0.1	5.9	10.2	730	3.43	2	1.4	<0.1	3.0	909	<0.1	0.3	<0.1	129	2.29	0.097
DK 2010 009	Soil	1.3	40.2	9.2	46	<0.1	4.9	8.3	674	2.89	1	1.8	<0.1	3.5	818	0.1	0.4	<0.1	134	2.30	0.126
DK 2010 010	Soil	1.7	48.5	10.4	57	0.1	6.5	12.3	1007	4.73	2	2.3	<0.1	6.9	872	0.1	0.4	<0.1	171	2.56	0.127
DK 2010 011	Soil	6.2	61.9	11.1	55	0.1	7.9	14.8	1257	5.04	2	2.4	<0.1	4.1	858	0.1	0.4	0.1	181	2.58	0.115
DK 2010 012	Soil	11.5	56.8	11.9	58	0.3	6.5	20.6	3735	7.60	2	2.8	<0.1	4.0	669	0.3	0.3	<0.1	180	2.49	0.127
DK 2010 013	Soil	3.0	65.6	11.1	66	0.2	6.7	14.5	1211	6.35	2	1.7	<0.1	3.3	810	0.1	0.3	<0.1	222	2.59	0.114
DK 2010 014	Soil	2.8	53.7	11.5	70	0.3	8.4	18.8	1783	9.26	2	3.6	<0.1	7.1	824	0.2	0.3	<0.1	317	3.25	0.142
DK 2010 015	Soil	5.7	60.8	10.9	56	<0.1	5.9	14.8	1426	7.75	3	1.5	<0.1	3.1	877	0.2	0.4	<0.1	210	2.50	0.130
DK 2010 016	Soil	39.9	65.3	5.1	17	0.2	2.4	23.8	5196	28.52	3	1.9	<0.1	4.6	225	0.2	0.1	<0.1	180	1.08	0.062
DK 2010 017	Soil	7.4	102.5	9.3	73	0.8	7.8	16.4	2611	5.94	<1	6.8	<0.1	4.4	783	0.6	0.4	<0.1	193	3.66	0.175
DK 2010 018	Soil	1.0	54.1	8.1	60	<0.1	15.8	20.0	1262	7.08	3	1.5	<0.1	3.6	729	<0.1	0.5	<0.1	261	3.38	0.142
DK 2010 019	Soil	0.6	69.3	22.2	55	<0.1	8.4	12.3	815	3.91	<1	1.3	<0.1	2.7	898	<0.1	0.4	<0.1	167	3.01	0.156

	Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S	Rb	Hf
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1	0.1	0.1
DK 2010 001	Soil	16.5	23	1.08	1495	0.382	7.83	2.754	1.75	2.1	36.8	35	1.2	19.5	8.7	0.6	2	10	11.2	<0.1	36.5	1.4
DK 2010 002	Soil	24.1	18	1.08	1434	0.443	7.20	2.416	1.72	1.4	45.9	50	1.2	28.3	10.6	0.7	1	10	9.6	<0.1	41.1	1.6
DK 2010 003	Soil	17.9	13	0.99	1616	0.366	8.01	2.721	1.80	1.3	32.3	36	1.1	21.2	8.4	0.6	1	9	10.1	<0.1	39.6	1.2
DK 2010 004	Soil	14.5	15	0.95	1561	0.377	7.58	2.949	2.08	1.1	34.1	30	1.1	17.5	8.2	0.5	<1	9	12.6	<0.1	39.6	1.2
DK 2010 005	Soil	14.4	12	0.75	1599	0.293	7.61	2.685	1.88	0.9	28.0	27	1.0	16.0	6.8	0.4	2	7	9.5	<0.1	37.5	1.0
DK 2010 006	Soil	12.3	17	0.65	1350	0.319	10.00	2.433	2.00	1.2	39.5	27	1.0	14.8	8.3	0.6	2	8	11.1	<0.1	46.7	1.4
DK 2010 007	Soil	12.0	17	0.58	1383	0.353	10.37	2.356	1.80	1.3	53.3	25	1.1	13.8	9.7	0.6	2	8	12.7	<0.1	41.5	1.5
DK 2010 008	Soil	12.3	12	0.74	1772	0.285	8.32	3.022	2.34	1.1	28.3	25	1.0	12.7	6.5	0.4	1	7	12.8	<0.1	46.5	1.0
DK 2010 009	Soil	13.8	11	0.74	1578	0.333	7.62	2.761	2.33	1.1	34.3	28	1.1	15.4	7.8	0.5	1	7	9.5	<0.1	44.4	1.2
DK 2010 010	Soil	13.8	13	0.78	1669	0.339	7.98	2.999	2.29	1.0	41.4	30	1.1	16.0	8.4	0.5	1	7	12.7	<0.1	46.2	1.3
DK 2010 011	Soil	16.5	16	0.87	1609	0.371	7.89	2.671	3.20	1.4	41.4	33	1.2	18.7	8.8	0.5	2	8	17.8	<0.1	60.9	1.5
DK 2010 012	Soil	19.3	15	0.82	1196	0.314	6.29	1.880	2.03	0.9	36.3	36	0.9	16.7	7.0	0.4	2	8	14.5	<0.1	44.7	1.3
DK 2010 013	Soil	15.6	17	0.90	1470	0.367	7.52	2.685	1.87	1.0	41.6	33	1.1	17.7	8.8	0.6	2	8	14.0	<0.1	38.9	1.4
DK 2010 014	Soil	20.9	28	0.87	1360	0.409	6.56	2.205	1.97	0.9	57.0	42	1.4	24.8	10.1	0.6	1	9	15.3	<0.1	40.2	1.8
DK 2010 015	Soil	17.2	15	0.79	1585	0.326	7.69	2.602	2.00	0.9	40.8	40	0.9	16.3	7.7	0.5	1	7	13.5	<0.1	38.3	1.4
DK 2010 016	Soil	20.1	10	0.16	573	0.055	1.58	0.367	0.53	0.4	16.0	52	0.2	10.9	1.5	<0.1	<1	3	2.5	<0.1	12.2	0.4
DK 2010 017	Soil	23.5	18	0.97	1224	0.344	6.43	1.793	2.03	1.5	54.6	37	1.0	28.9	7.1	0.4	2	11	23.4	<0.1	40.2	1.7
DK 2010 018	Soil	15.5	52	1.26	1307	0.403	7.07	2.495	1.51	1.0	39.4	35	1.0	18.6	8.3	0.5	1	11	11.8	<0.1	27.6	1.4
DK 2010 019	Soil	14.3	21	1.04	1503	0.345	8.16	3.021	2.29	1.1	41.1	30	1.1	16.2	7.9	0.5	1	9	13.4	<0.1	39.4	1.3

GEOCHEMISTRY & MAGNETOMETER SURVEYS

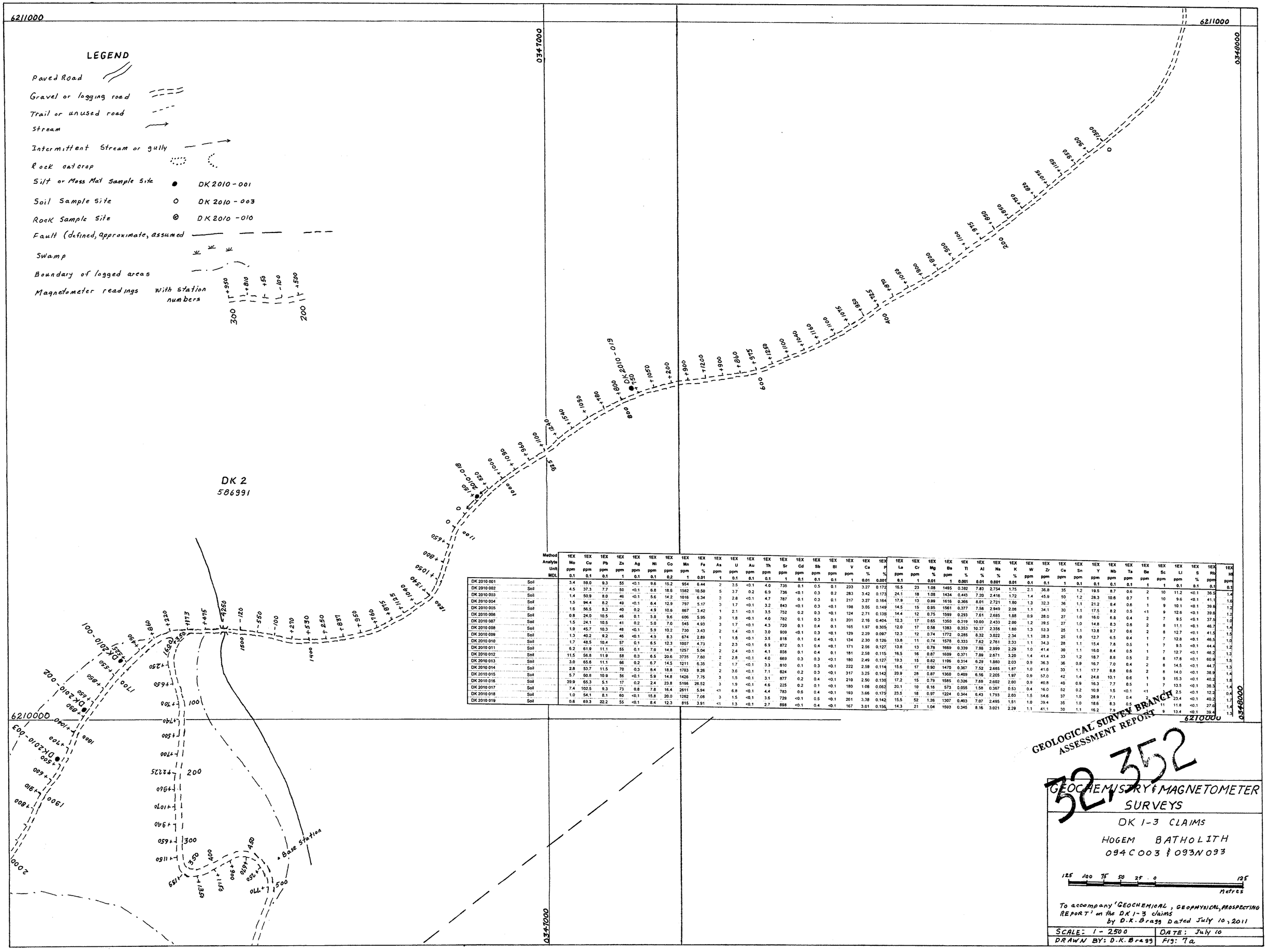
DK 1-3 CLAIMS

HOGEM BATHOLITH
094C003 & 093N093

125 100 75 50 25 0 125
Metres

To accompany 'GEOCHEMICAL, GEOPHYSICAL, PROSPECTING REPORT' on the DK 1-3 claims by D.K. Bragg Dated July 10, 2011

SCALE: 1 - 2500	DATE: July 10, 2011
DRAWN BY: D.K. Bragg	Fig: 7



	Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S	Rb	Hf
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1	0.1	0.1
DK 2010 001	Soil	3.4	59.0	9.3	55	<0.1	9.6	15.2	954	6.44	2	3.5	<0.1	4.0	735	0.1	0.5	0.1	233	3.27	0.172	16.5	23	1.08	1495	0.382	7.83	2.754	1.75	2.1	36.8	35	1.2	19.5	8.7	0.6	2	10	11.2	<0.1	36.5	1.4
DK 2010 002	Soil	4.5	37.3	7.7	50	<0.1	6.8	18.6	1582	10.50	5	3.7	0.2	6.9	736	<0.1	0.3	0.2	283	3.42	0.173	24.1	18	1.08	1434	0.443	7.20	2.416	1.72	1.4	45.9	50	1.2	28.3	10.6	0.7	1	10	9.6	<0.1	41.1	1.6
DK 2010 003	Soil	1.4	50.9	8.0	46	<0.1	5.6	14.2	1016	6.34	3	2.8	<0.1	4.7	787	0.1	0.3	0.1	217	3.27	0.164	17.9	13	0.99	1616	0.368	8.01	2.721	1.80	1.3	32.3	36	1.1	21.2	8.4	0.6	1	9	10.1	<0.1	39.6	1.2
DK 2010 004	Soil	1.5	94.4	8.2	49	<0.1	6.4	12.9	797	5.17	3	1.7	<0.1	3.2	843	<0.1	0.3	<0.1	198	3.05	0.149	14.5	15	0.95	1561	0.377	7.58	2.949	2.08	1.1	34.1	30	1.1	17.5	8.2	0.5	<1	9	12.6	<0.1	39.6	1.2
DK 2010 005	Soil	1.6	56.5	8.3	40	0.2	4.9	10.6	867	3.42	1	2.1	<0.1	3.5	752	0.2	0.3	<0.1	124	2.71	0.135	14.4	12	0.75	1599	0.293	7.61	2.685	1.88	0.9	28.0	27	1.0	16.0	6.8	0.4	2	7	9.5	<0.1	37.5	1.0
DK 2010 006	Soil	0.8	24.0	10.5	46	0.1	5.8	9.6	606	5.95	3	1.8	<0.1	4.0	782	0.1	0.3	0.1	201	2.16	0.404	12.3	17	0.65	1350	0.319	10.00	2.433	2.00	1.2	39.5	27	1.0	14.8	8.3	0.5	2	8	11.1	<0.1	46.7	1.4
DK 2010 007	Soil	1.5	24.1	10.5	41	0.2	5.0	7.6	545	4.93	3	1.7	<0.1	4.3	720	0.1	0.4	0.1	165	1.97	0.305	12.0	17	0.58	1383	0.353	10.37	2.356	1.60	1.3	53.3	25	1.1	13.8	9.7	0.6	2	8	12.7	<0.1	41.5	1.5
DK 2010 008	Soil	1.9	45.7	10.3	48	<0.1	5.9	10.2	730	3.43	2	1.4	<0.1	3.0	909	<0.1	0.3	<0.1	129	2.29	0.097	12.3	12	0.74	1772	0.285	8.32	3.022	2.34	1.1	28.3	25	1.0	12.7	6.5	0.4	1	7	12.8	<0.1	46.5	1.0
DK 2010 009	Soil	1.3	40.2	9.2	46	<0.1	4.9	8.3	674	2.89	1	1.8	<0.1	3.5	818	0.1	0.4	<0.1	134	2.30	0.126	13.8	11	0.74	1578	0.333	7.82	2.761	2.33	1.1	34.3	28	1.1	15.4	7.8	0.5	1	7	9.5	<0.1	44.4	1.2
DK 2010 010	Soil	1.7	48.5	10.4	57	0.1	6.5	12.3	1007	4.73	2	2.3	<0.1	6.9	872	0.1	0.4	<0.1	171	2.56	0.127	13.8	13	0.78	1669	0.339	7.98	2.999	2.29	1.0	41.4	30	1.1	16.0	8.4	0.5	1	7	12.7	<0.1	46.2	1.3
DK 2010 011	Soil	5.2	61.9	11.1	55	0.1	7.9	14.8	1257	5.04	2	2.4	<0.1	4.1	856	0.1	0.4	0.1	181	2.58	0.115	16.5	16	0.87	1609	0.371	7.89	2.671	3.20	1.4	41.4	33	1.2	18.7	8.8	0.5	2	8	17.8	<0.1	60.9	1.5
DK 2010 012	Soil	11.5	56.8	11.9	58	0.3	6.5	20.6	3735	7.60	2	2.8	<0.1	4.0	669	0.3	0.3	<0.1	180	2.49	0.127	19.3	15	0.82	1186	0.314	6.29	1.880	2.03	0.9	36.3	36	0.9	16.7	7.0	0.4	2	8	14.5	<0.1	44.7	1.3
DK 2010 013	Soil	3.0	65.6	11.1	66	0.2	6.7	14.5	1211	6.35	2	1.7	<0.1	3.3	810	0.1	0.3	<0.1	222	2.58	0.114	15.6	17	0.90	1470	0.367	7.52	2.665	1.87	1.0	41.6	33	1.1	17.7	8.8	0.6	2	8	14.0	<0.1	38.9	1.4
DK 2010 014	Soil	2.8	53.7	11.5	70	0.3	8.4	18.8	1783	9.26	2	3.6	<0.1	7.1	824	0.2	0.3	<0.1	317	3.25	0.142	20.9	28	0.87	1360	0.409	6.56	2.205	1.97	0.9	57.0	42	1.4	24.6	10.1	0.6	1	9	15.3	<0.1	40.2	1.8
DK 2010 015	Soil	5.7	60.8	10.9	56	<0.1	5.9	14.8	1426	7.75	3	1.5	<0.1	3.1	877	0.2	0.4	<0.1	210	2.50	0.130	17.2	15	0.79	1585	0.326	7.68	2.602	2.00	0.9	40.8	40	0.9	16.3	7.7	0.5	1	7	13.5	<0.1	38.3	1.4
DK 2010 016	Soil	39.9	65.3	5.1	17	0.2	2.4	23.8	5196	26.52	3	1.9	<0.1	4.6	225	0.2	0.1	<0.1	180	1.08	0.062	20.1	10	0.16	573	0.055	1.58	0.367	0.53	0.4	16.0	52	0.2	10.9	1.5	<0.1	<1	2	5.0	<0.1	12.2	0.4
DK 2010 017	Soil	7.4	102.5	9.3	73	0.6	7.8	16.4	2611	5.94	<1	6.8	<0.1	4.4	783	0.6	0.4	<0.1	193	3.66	0.179	23.5	18	0.97	1224	0.344	6.43	1.793	2.03	1.5	54.6	37	1.0	28.9	7.1	0.4	2	11	23.4	<0.1	40.2	1.7
DK 2010 018	Soil	1.0	54.1	8.1	60	<0.1	15.8	20.0	1262	7.08	3	1.5	<0.1	3.6	729	<0.1	0.5	<0.1	261	3.38	0.142	15.5	52	1.26	1307	0.403	7.07	2.495	1.51	1.0	39.4	35	1.0	18.6	8.3	0.5	1	11	11.8	<0.1	27.6	1.4
DK 2010 019	Soil	0.6	69.3	22.2	55	<0.1	8.4	12.3	815	3.91	<1	1.3	<0.1	2.7	898	<0.1	0.4	<0.1	167	3.01	0.156	14.3	21	1.04	1503	0.345	8.16	3.021	2.29	1.1	41.1	30	1.1	16.2	7.9	0.5	1	9	13.4	<0.1	39.4	1.3

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

52,352

GEOCHEMISTRY & MAGNETOMETER SURVEYS

DK 1-3 CLAIMS

HOGEM BATHOLITH

094C003 & 093N093

125 100 75 50 25 0 125
Metres

To accompany 'GEOCHEMICAL, GEOPHYSICAL, PROSPECTING REPORT' on the DK 1-3 claims by D.K. Bragg Dated July 10, 2011

SCALE: 1 - 2500	DATE: July 10
DRAWN BY: D.K. Bragg	FIG: 7a