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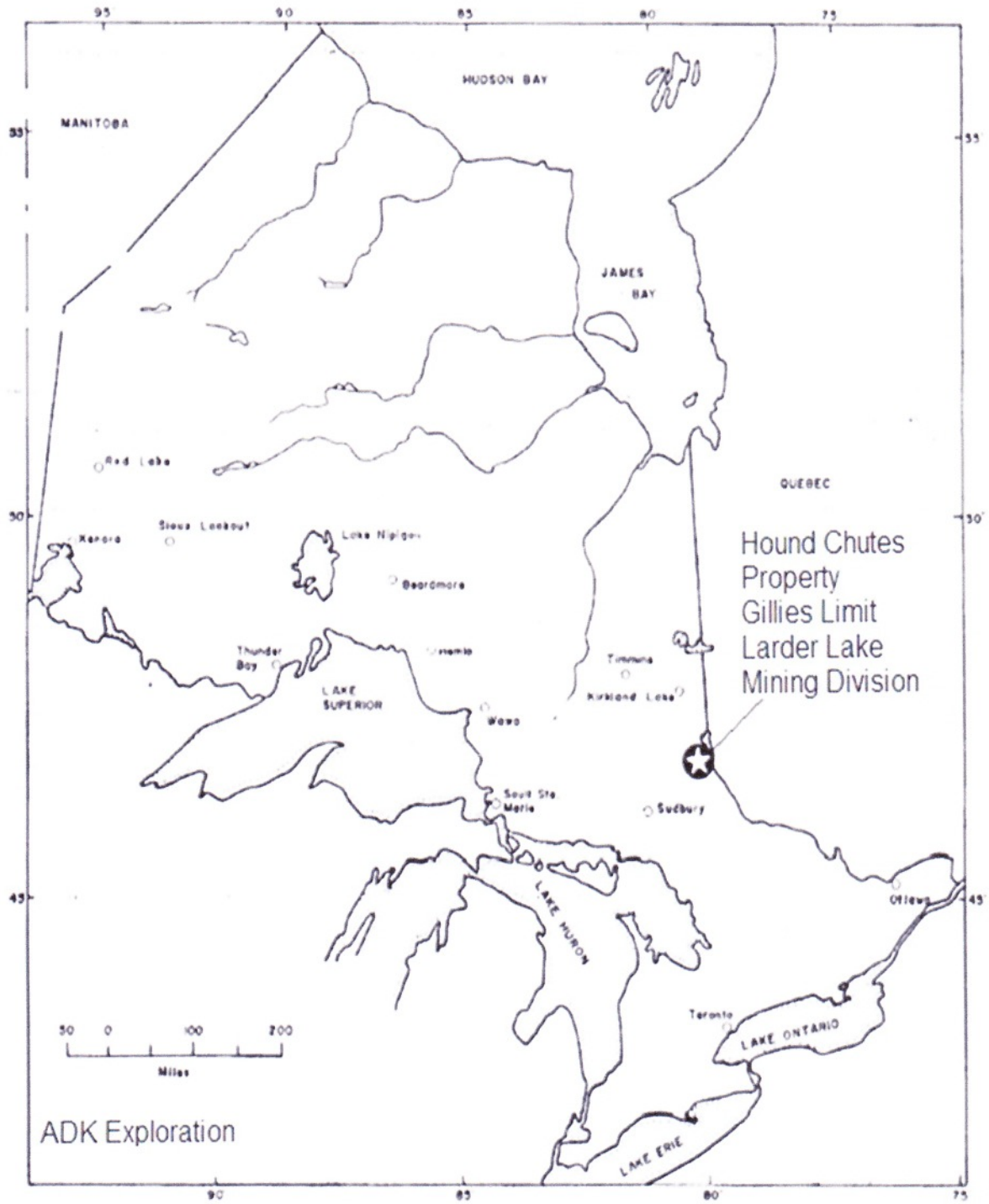
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Assessment Work Report

Prospecting, Sampling & Gamma Ray Spectrometer
Survey

By Alan Kon

October 25, 2017



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INTRODUCTION

This work report is on the Hound Chutes Claims (HCC) property and has been prepared by Alan Kon of North Cobalt/Haileybury Ontario. The HCR property is comprised of claims 3007492, 1140510, 4243947, 4262043, 4268296, 4268297, 4273067, 4273068, 4272024, 4268283 and claim 4275157.

The work program consisted of mostly follow up prospecting, some sampling and a radiometric survey. As much time as possible was spent on the Hound Chutes claims but became increasingly difficult because of other work commitments, the weather and hunting season. The work including this tech report was done from June 20 to Oct 25. Ten rock samples were taken during this year's program and sent to ALS in Timmins for ICP analysis.

A Gamma Ray-radiometric survey was done to help determine whether there is any relation between the kimberlites on claim 4243947 and the surrounding geology and to aid in identifying new anomalies and potential targets.

PROPERTY LOCATION AND ACCESS

The claims can be accessed by Hound Chutes Road, an Ontario Hydro access road that departs south west from the town of Cobalt and follows the eastern side of the Montreal River. The claims are within 1 Km of the Hound Chutes hydro power dam and the Ragged Chutes dam.

TOPOGRAPHY AND VEGETATION

Maximum relief on the property is approximately 25 metres. Topography is generally rolling hills with local steep ledges and cliffs. Giroux Creek flows south and westward through the area and into the Montreal River.

Overburden is relatively shallow over the north and south parts of the claims but of unknown depth in the center. Vegetation on the claims consists mainly of mature mixed forest and locally dense underbrush. Logging was done across much of the area and regrowth is extremely dense and in some cases impassable.

REGIONAL AND PROPERTY GEOLOGY

The claims are located in the southern part of the Cobalt mining camp. Regionally the area is underlain by an N-S trending trough of Huronian metasedimentary rocks (Cobalt Group, Gowganda Formation, and Coleman Member - conglomerates) that cover a complex. Archean mafic volcanic terrain. In the Cobalt area the Archean volcanic and overlying Huronian sediments have been intruded by extensive Nipissing aged diabase sills and dykes. There is a strong possibility that the Coleman sediments in this area are underlain by a Nipissing sill. The youngest known consolidated rocks in the area are kimberlite rocks.

Wildlife

Besides most of the residents of Cobalt, the wildlife in the area is generally much the same as other parts of northern Ontario. There are usually several different types of birds including eagles, hawks, owls, crows etc. Small mammals such as squirrels, chipmunks, otters, porcupines, the odd martin. Some moose but not very many anymore and the occasional bear here and there. There are also lynx, a cougar and a pack of wolves in the area. And bugs...far too many nightmarish blood thirsty bugs and a few new ones.

HISTORY

Extensive work has been carried out in the general Cobalt District but very little has been reported in the immediate area of the Hound Chutes claims. One drill hole was completed by E. Forbear in 1955 at a point approximately 75 m northwest of the area.

Watt-Armstrong did some work in 1969 (?) where Cobalt and Nickel was recorded in a drill hole and a pit near the Hound Chutes Dam

In December 1998, High-Sense Geophysics Limited carried out an airborne electromagnetic survey over the area on behalf of Branchwater Resources Ltd. Seymour Sears carried out geological mapping in 2003 on behalf of Cabo Mining Corp.

During the summer months of 2009, Alan Kon performed a KIM survey and prospecting over parts of the claims on behalf of Diamond Exploration Inc.

A ground Magnetometer/VLF survey carried out between January 28 and February 4, 2011 by Larder Geophysics of Larder Lake Ontario and Alan Kon who did the initial consultation, ground inspection and organized the work.

Since acquiring the claims starting in 2011, Alan Kon has done a considerable amount of preliminary exploration including prospecting and follow-up sampling, overburden stripping projects and geophysical surveys.

Chronological age dating was also performed on a kimberlite sample from the Hound Chutes Claims in 2014 and is estimated to be approximately 153.5 Ma.

Work Program I

Prospecting and Sampling

The work program began on the west side claims as follow up prospecting and to better understand the cobalt/nickel mineralization and geology in the area.

There are three old mines to the northwest on strike and the same fault structure as what is running through claim 4273067. It is believed that the cobalt/nickel mineralization is somehow related and may be an extension or source. It has been theorized that there may be more than one vein present on the east side of the Montreal River based on old reports stating cobalt/nickel occurrences in drill holes and pits.

Most of the cobalt/nickel occurs in the Nippissing Diabase in this area but some has been found in the sediments as well. Another interesting fact is the amount of Aplite found in the immediate area and the association with the metallic mineralization. The Aplite seems to be fairly abundant in the rock and especially with the cobalt. Something else to keep in mind is the similarities between the Aplite and Diabase in the area and the geology of Gowganda where the Aplite has been used as an indicator for silver and cobalt.

The prospecting routes and traverses were mostly random and no set grid. Pretty much just in wonder mode. Much of the time was spent on claim 4273067 because of the amount of cobalt and nickel present on the claim. Most of the claims were prospected although time was limited so in some cases only the areas near the roads or trails were covered. There were safety concerns as well.

Of the 10 samples, 6 returned results of fairly high cobalt and nickel mineralization including one >10000 ppm. Aplite was present in 3 of the high cobalt/nickel samples.

Cobalt Bloom (erythrite) was found in-situ on a small protruding diabase outcrop on claim 4273067 directly behind the Hound Chutes Dam. Most of the Cobalt Bloom had worn away because the host rock was in the middle of a trail and what was left was only a remnant but still enough to get a small sample which returned 3680 ppm. Chalcopyrite and nickel was also present.

A large boulder possibly a sub-crop was found with cobalt and nickel veins in it but could not be sampled because of where it was laying and was too large to move.

Prospecting maps and sample locations & results can be viewed in Appendix I of this report.

Work Program II

Radiometric Survey

A Gamma Ray-Radiometric Survey was undertaken on the Hound Chutes claim property from September 26 to October 21, using a Scintrex GIS-4 Gamma Ray Spectrometer which is older instrument and no longer in use by most companies but still very sensitive and dependable. The spectrometer was set on TC (Total Counts) at 10 counts per second (C/s). The background radiation for the area is anywhere between 200 Gamma to 600 Gamma but most days it settled out at around 350 Gamma.

The reason for the survey was to help understand the relation between the Kimberlites and surrounding rock and possibly locate new Kimberlites. It well known that in some cases, Kimberlites have shown to have low to moderate radioactive values.

The survey began with locating all the outcrops and exposed rock within the claim group. Since outcrops are somewhat few and far between across the claims, following a set grid would have taken up far too much time. It was much faster to cruise around the claims on an ATV recording the outcrops on a GPS. Oddly and only by coincidence that after recording all the outcrops and exposed rock, they appeared to be in 6 groups and on 2 parallel strikes with only a few stations scattered between the groups. There were 58 recorded GPS point stations.

After all the points were recorded, the survey began by first taking a reading of the Kimberlite Dike on claim 4243947. The highest value recorded was 1600 C/s, much higher than expected but still within safe levels. This radioactive value was used as an indicator for other possible Kimberlites.

Once the Kimberlite Dike readings were recorded the survey started in the northwest corner of claim 4273067 and then followed each previously recorded station.

Many of the readings taken were between 300 and 400 gamma, but a few shot up considerably higher especially near the cobalt/nickel occurrences on the west side claims behind the Dam. The exact reason for the higher than normal background radiation in this particular area is unknown but may help to identify new potential anomalies and hopefully a cobalt/nickel source.

The Gamma readings on the eastside claims were mostly normal background radiation except near what is believed to be the contact area of the sediments and diabase. Several Greywacke outcrops showed higher values as well.

A few diabase outcrops had rather strange values. The daily background radiation values were between 350 to 450 Gammas but as the instrument was put on the outcrops, the values dropped below the background radiation values, suggesting there may be something in the diabase interfering with the unit.

Maps and Gamma Ray data can be viewed in Appendix II.

Daily Work Log

June 20 – Hound Chutes claims recon
June 21 – Prospect claim 4273067, took one Cpy sample
June 22 – Prospect claim 4273067
July 29 – Prospect claim 4275157
July 30 – Prospect claim 4275157 & 4268297, 1 rock sample
Aug 1 – Prospect claim 4268297, prospect outcrops near dam
Aug 3 – Prospect claims 4268297 & 1140510 (W side)
Aug 8 – Prospect claims 4273067 & 3007492
Aug 9 – Prospect claim 4273067 behind dam, located Cpy & Co in Db o/c
Aug 14 – Prospect claim 4273067, took 1 Cpy & 1 Co sample from large bldr
Aug 15 – Prospect claims 4273067 & 3007492, took one Py/Cpy/Co sample from bldr
Aug 16 – Prospect claim 3007492
Aug 17 – Prospect claim 4273067 & 3007492
Aug 21 – Prospect for Db/Cng contacts on 3007492
Sept 26 - Prospect outcrops for Gamma Ray survey, data entry
Sept 30 - Prospect outcrops for Gamma Ray survey
Oct 1 - Prospect outcrops, data entry
Oct 3 - Prospect outcrops
Oct 5 - Prospect eastside claims 4268296 & 4268283
Oct 10 - Gamma Ray Survey-test
Oct 11 - Gamma Ray Survey
Oct 12 - Gamma Ray Survey
Oct 13 - Gamma Ray Survey
Oct 14 - Gamma ray Survey
Oct 21 - Gamma Ray Survey

Recommendations

A considerable amount of work needs to be performed on the Hound Chutes Claims to bring them up to the advanced exploration stage. Even though the Gamma Ray Survey showed good results in some areas of the property, an airborne radiometric survey would be far more helpful and is highly recommended.

A ground or airborne Magnetic Susceptibility is also recommended along with other geophysical surveys, such as an IP.

If possible, obtaining the results from a recent 2D Seismic Reflection survey conducted by SAExploration and the Laurentian University could be very helpful in locating the contacts between the diabase and sediments and possibly the fault that are known to run through the property.

Thank you.

A handwritten signature in blue ink that reads "Alan Kon".

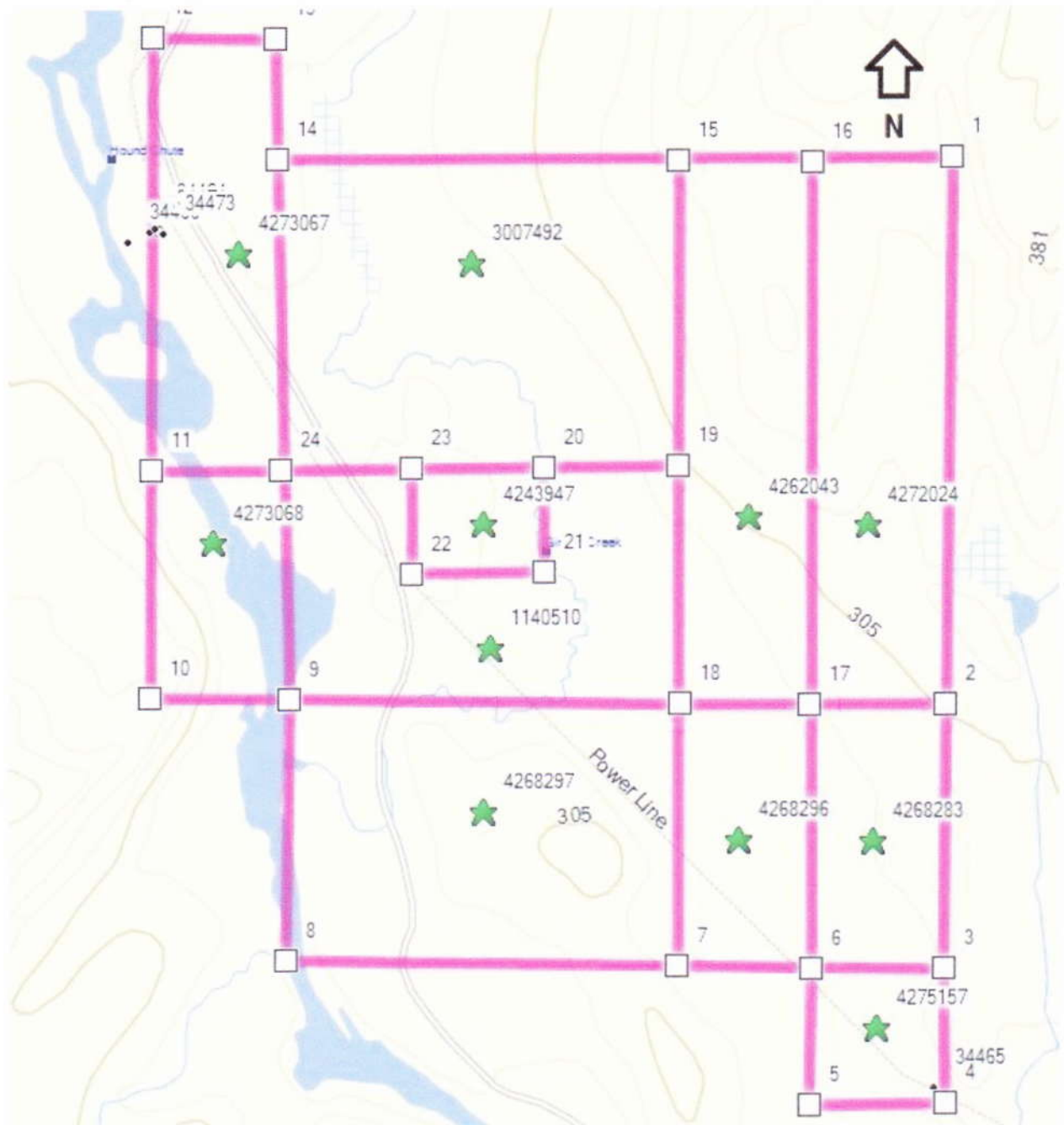
Alan Kon

APPENDIX I

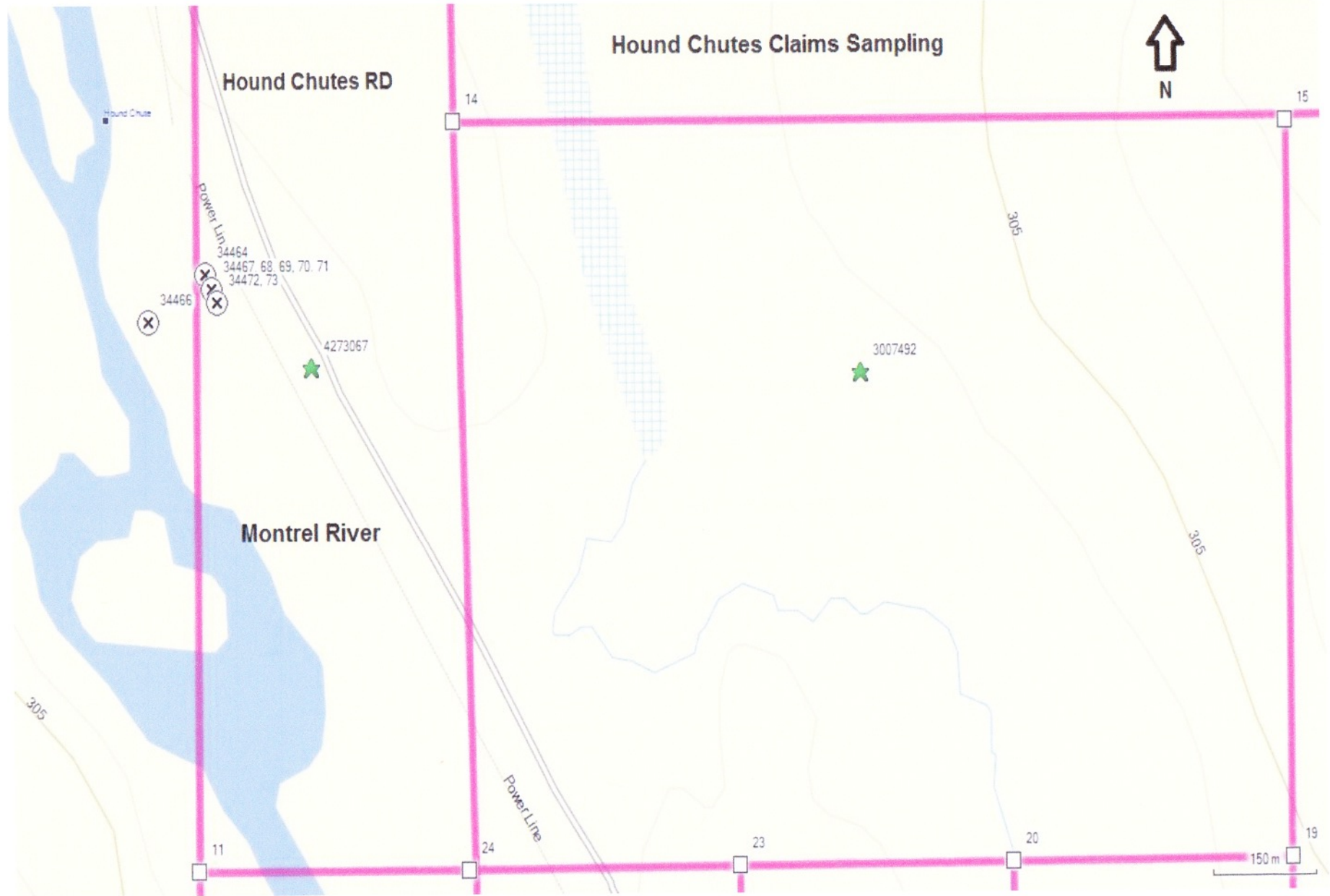
Hound Chutes Claims

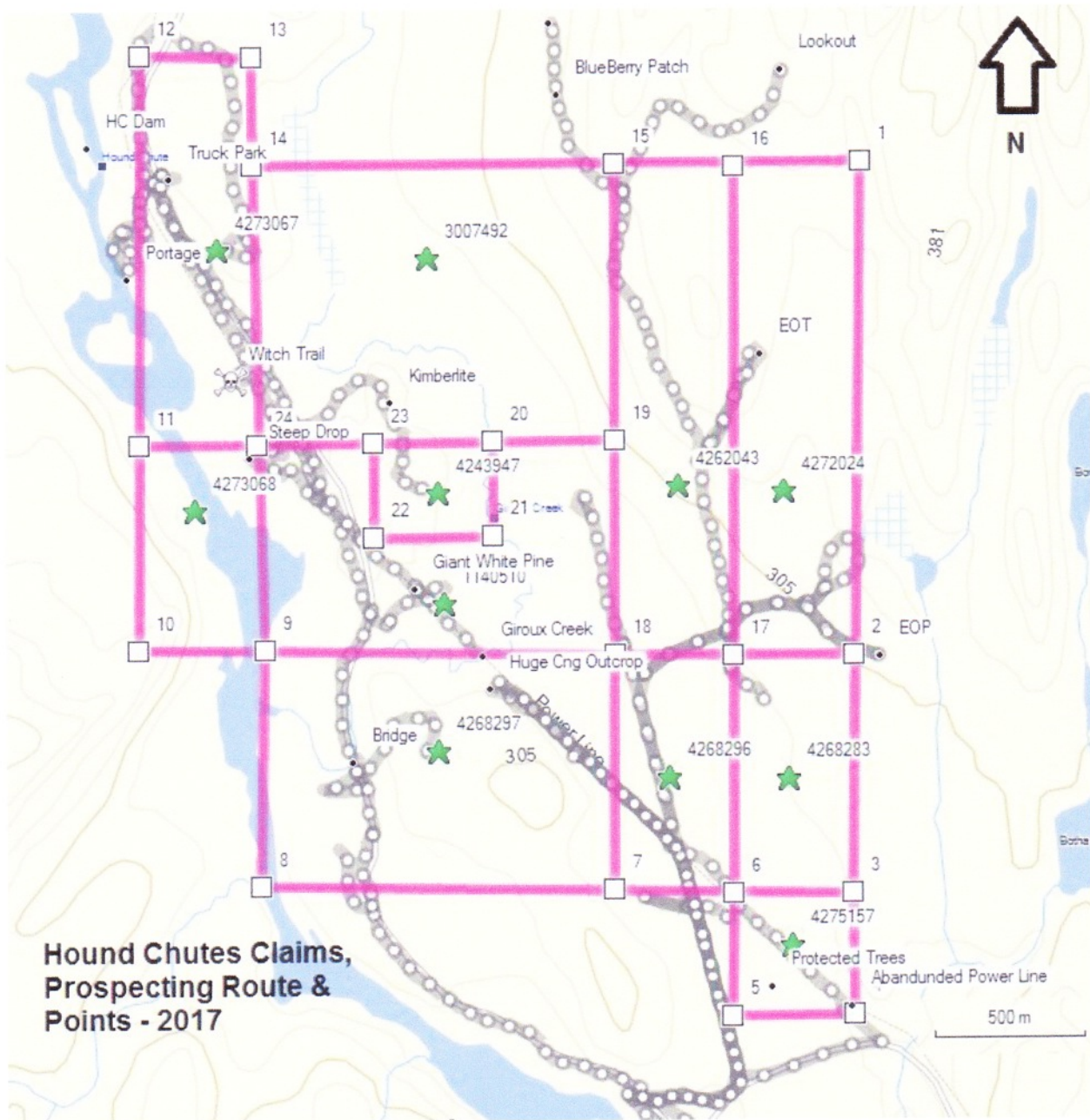
Claim	Sample #	Description	Coordinates	Elevation	Date/Time
4273067	34464	Cpy in Db Boulder	17 T 598626 5239794	286 m	7/21/2017 16:09
4275157	34465	MET IN GRYWCK	17 T 601049 5237231	292 m	7/30/2017 12:30
Crown	34466	UNKN -OFF CLM	17 T 598544 5239734	287 m	8/8/2017 15:01
4273067	34467	Cobalt in DB Boulder	17 T 598639 5239774	287 m	9/14/2017 16:25
4273067	34468	POSS VN IN DB O/C-CPY/COB	17 T 598613 5239766	297 m	8/9/2017 11:46
4273067	34469	FE IN DB	17 T 598637 5239761	296 m	8/14/2017 13:44
4273067	34470	CO IN LRG DB PRX BLDR	17 T 598641 5239766	301 m	8/14/2017 14:01
4273067	34471	PY/CPY-CO? VN BLDR	17 T 598626 5239775	295 m	8/15/2017 13:57
4273067	34472	Cobalt & Sulphs in Cc vein in large Boulder	17 T 598647 5239763	294 m	8/15/2017 14:31
4273067	34473	Co/Ni in Db/Apl Vns in small Boulders	17 T 598649 5239759	295 m	8/16/2017 15:33

Legend			
APL = Aplite	CPY = Chalcopyrite	LRG = Large	PRX = Proximity
BLDR = Boulder	DB = Diabase	MET = Metallics	SED = Sediments
Cc = Calcite	FE = Iron	Ni = Nickel	TRC/TRN = Trench
CLM = Claim	GAB = Gabbro	O/C = Outcrop	UNKN = Unknown
CNG = Conglomerate	GRY/GRYWCK = Greywacke/Wacke	POSS = Possible	Vns = Veins
CO/COB = Cobalt	KIM = Kimberlite	PRY = Pyrite	



Hound Chutes Claim Group & Sampling





Hound Chutes Claims



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Page: 1
Total # Pages: 2 (A - C)
Plus Appendix Pages
Finalized Date: 12- OCT- 2017
This copy reported on
13- OCT- 2017
Account: AKOTQHPN

CERTIFICATE TM17213538

Project: Hounds Chutes Claims

This report is for 10 Rock samples submitted to our lab in Timmins, ON, Canada on 3- OCT- 2017.

The following have access to data associated with this certificate:

ALAN KON

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: ALAN KON
ATTN: ALAN KON
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS TM17213538

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %	ME- ICP41 Ga ppm
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
34464		1.85	0.8	0.84	353	10	<10	2.9	43	17.9	<0.5	216	2	898	3.17	<10
34465		0.66	<0.2	2.13	4	<10	30	<0.5	<2	0.26	<0.5	23	60	3	4.06	10
34466		0.72	1.2	2.99	6	<10	20	<0.5	2	1.16	<0.5	44	6	54	10.00	20
34467		0.84	3.4	2.63	>10000	<10	<10	2.3	63	4.51	<0.5	7250	9	486	6.28	10
34468		0.19	11.4	2.13	6510	<10	10	<0.5	381	1.31	<0.5	3680	10	5870	8.30	10
34469		0.60	1.7	3.38	562	<10	10	5.2	31	0.98	<0.5	316	9	106	7.86	20
34470		0.67	3.0	3.60	8830	<10	10	4.6	73	0.65	<0.5	3200	8	222	8.40	20
34471		1.12	2.7	1.21	>10000	10	<10	2.6	37	9.9	<0.5	6040	5	1400	4.86	10
34472		0.53	2.0	2.43	>10000	<10	<10	1.3	505	6.96	<0.5	3320	9	461	7.48	20
34473		0.48	1.3	2.25	>10000	<10	<10	1.2	252	5.89	<0.5	>10000	7	43	6.88	10



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CERTIFICATE OF ANALYSIS TM17213538

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
34464		2	0.01	20	7.50	1375	25	0.02	72	70	66	0.39	2	16	121	<20
34465		<1	0.14	20	1.47	316	1	0.01	66	710	<2	<0.01	<2	2	7	<20
34466		<1	0.19	10	1.77	1440	1	0.03	17	470	48	0.13	<2	4	21	<20
34467		1	0.01	10	4.32	810	90	0.02	1240	460	85	0.63	3	17	24	<20
34468		1	0.16	10	1.21	666	2	0.04	1210	520	54	1.13	<2	9	17	<20
34469		<1	0.01	10	2.44	1080	32	0.02	213	650	65	0.31	<2	19	9	<20
34470		1	0.02	10	2.64	931	24	0.02	1810	640	45	0.37	<2	24	17	<20
34471		<1	0.01	20	4.77	1015	46	0.01	1135	210	47	1.16	6	18	68	<20
34472		<1	0.02	10	2.47	1255	33	0.02	7880	270	48	1.65	33	19	56	<20
34473		<1	0.02	10	1.83	978	34	0.02	>10000	330	14	2.96	46	15	51	<20



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Project: Hounds Chutes Claims

CERTIFICATE OF ANALYSIS TM17213538

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Ti	Ti	U	V	W	Zn
		%	ppm	ppm	ppm	ppm	ppm
		0.01	10	10	1	10	2
34464		0.01	<10	260	33	<10	19
34465		0.05	<10	<10	24	<10	43
34466		0.26	<10	<10	215	<10	136
34467		0.02	<10	90	312	<10	27
34468		0.23	<10	<10	310	<10	91
34469		0.02	<10	70	355	<10	33
34470		0.01	<10	70	411	<10	39
34471		0.01	<10	210	82	<10	28
34472		0.07	<10	100	306	<10	47
34473		0.09	<10	10	245	<10	61



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Account: AKOTQHPN

Project: Hounds Chutes Claims

CERTIFICATE OF ANALYSIS TM17213538

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP41

Applies to Method: Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.
CRU- 31 CRU- QC LOG- 22 PUL- 31
PUL- QC SPL- 21 WEI- 21



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To: **ALAN KON**
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INVOICE NUMBER 4037472

BILLING INFORMATION	
Certificate:	TM17213538
Sample Type:	Rock
Account:	AKOTQHPN
Date:	12- OCT- 2017
Project:	Hounds Chutes Claims
P.O. No.:	
Quote:	
Terms:	Due on Receipt C2
Comments:	

QUANTITY	CODE	ANALYSED FOR DESCRIPTION	UNIT PRICE	TOTAL
10	PREP- 31	Crush, Split, Pulverize	7.70	77.00
7.66	PREP- 31	Weight Charge (kg) - Crush, Split, Pulverize	0.75	5.75
10	ME- ICP41	35 Element Aqua Regia ICP- AES	11.50	115.00

SUBTOTAL (CAD) \$ 197.75

R100938885 GST \$ 9.89

TOTAL PAYABLE (CAD) \$ 207.64

To: **ALAN KON**
 ATTN: ALAN KON
 PO BOX 1375
 HAILEYBURY ON P0J 1K0

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name: ALS Canada Ltd.
 Bank: Royal Bank of Canada
 SWIFT: ROYCCAT2
 Address: Vancouver, BC, CAN
 Account: 003-00010-1001098
 Please send payment info to accounting.canusa@alsglobal.com

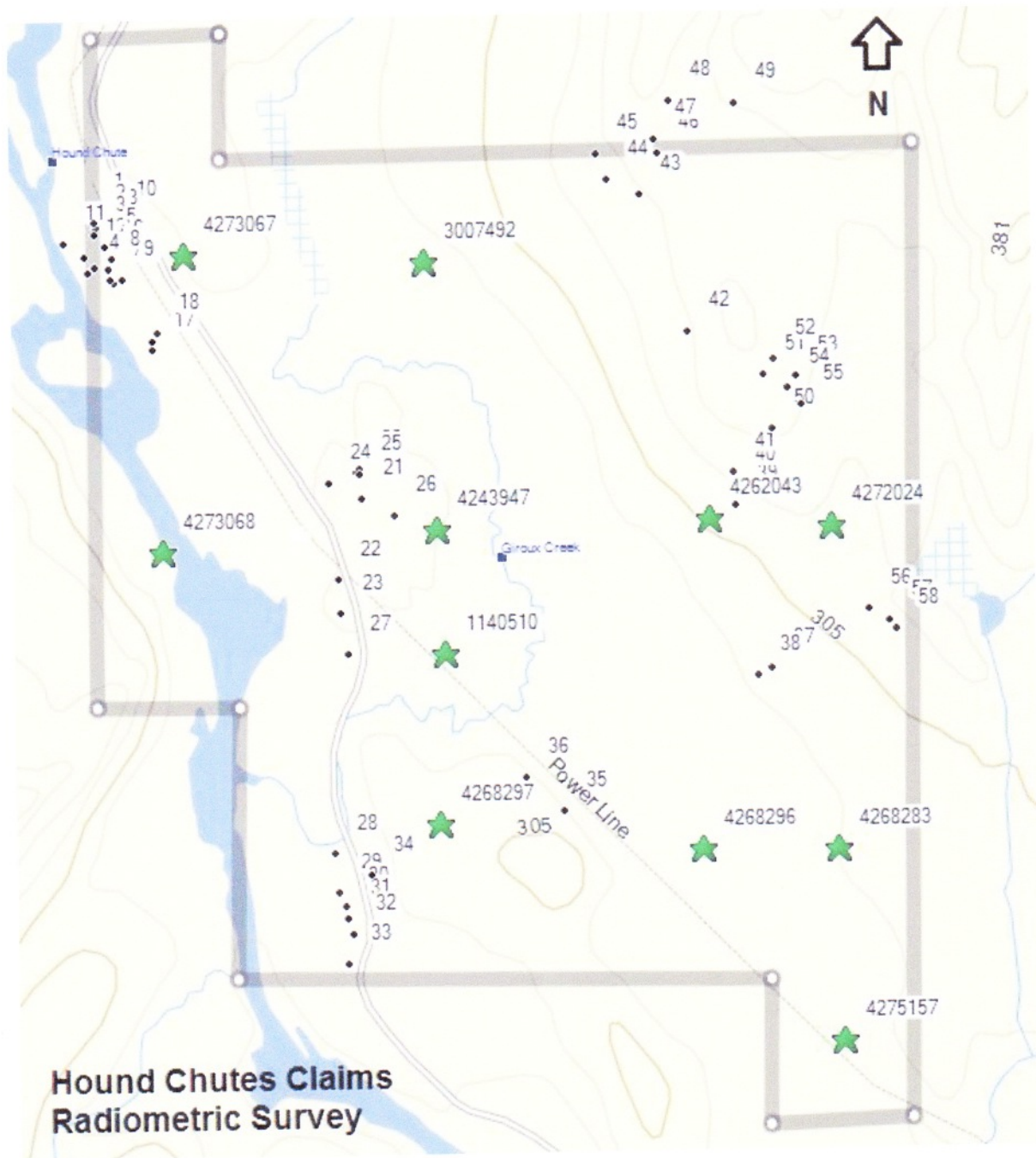
Please Remit Payments To :
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APPENDIX II

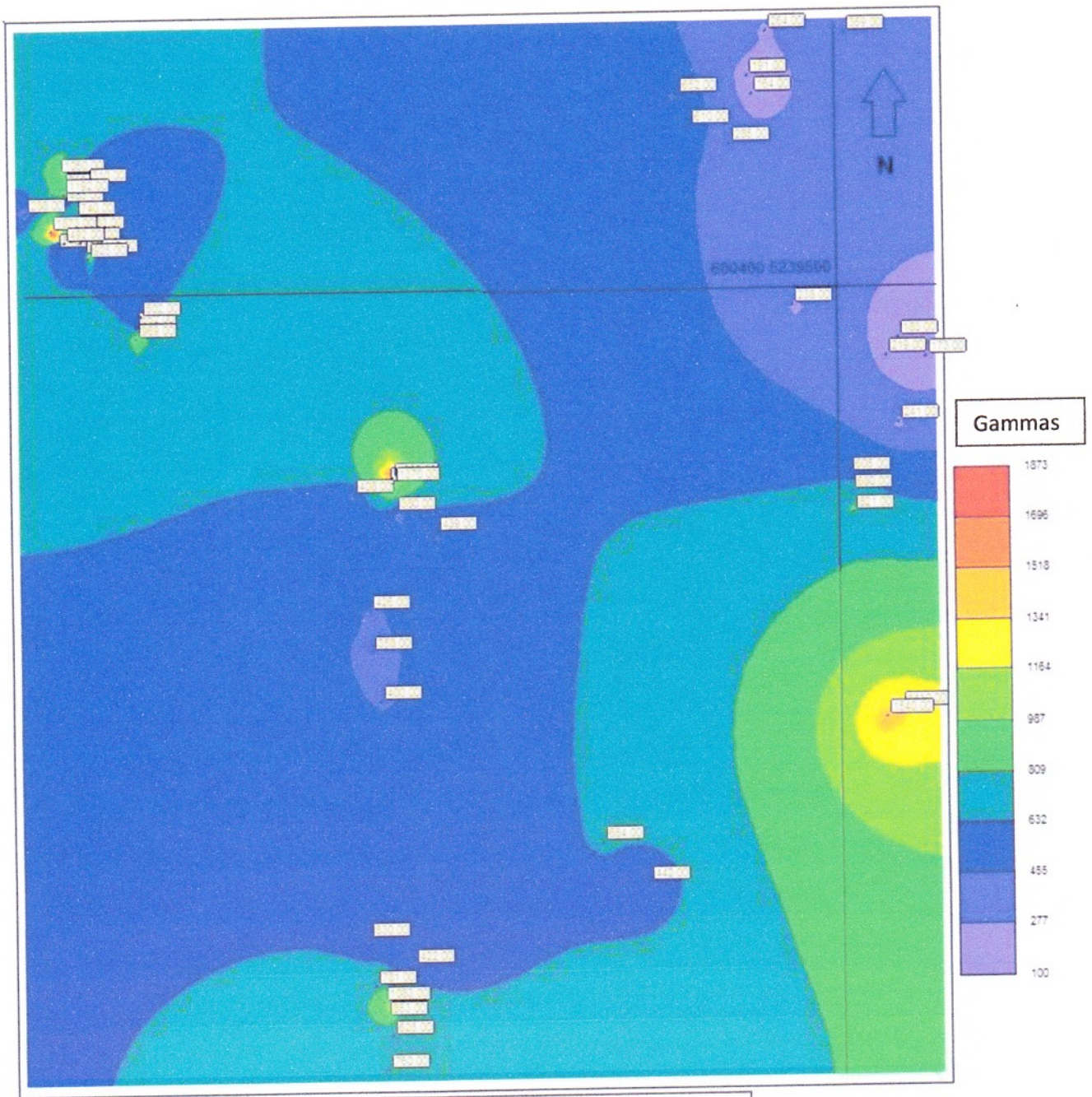
Station	Description	Reading	NAD	Easting	Northing	Elavation	Date/Time
1	DB	1050	17T	598604	5239836	299 m	9/26/2017 11:38
2	DB	752	17T	598614	5239800	298 m	9/26/2017 11:41
3	DB	483	17T	598615	5239763	299 m	9/26/2017 11:48
4	DB	543	17T	598597	5239654	288 m	9/26/2017 11:59
5	DB	740	17T	598644	5239731	298 m	9/26/2017 12:06
6	DB	633	17T	598664	5239695	301 m	9/26/2017 12:14
7	TRN	526	17T	598663	5239638	298 m	9/26/2017 12:20
8	DB	564	17T	598655	5239668	298 m	10/11/2017 14:03
9	Pit	448	17T	598697	5239638	296 m	9/26/2017 12:25
10	GAB	310	17T	598674	5239811	292 m	9/30/2017 13:02
11	FAULT	288	17T	598522	5239740	276 m	10/11/2017 13:31
12	Co bldr	1873	17T	598584	5239697	289 m	9/26/2017 11:53
13	Ni-Co bldr	1192	17T	598616	5239787	295 m	10/11/2017 12:57
14	Pit	492	17T	598615	5239668	286 m	10/11/2017 13:15
15	pit	925	17T	598674	5239628	295 m	10/11/2017 14:11
16	TRC	652	17T	598787	5239459	292 m	9/30/2017 13:16
17	TRC	969	17T	598787	5239432	293 m	10/12/2017 12:39
18	PIT	502	17T	598800	5239483	298 m	10/12/2017 12:52
19	CNG	771	17T	599394	5239073	294 m	9/30/2017 13:26
20	KIM	1690	17T	599405	5239084	295 m	9/30/2017 13:34
21	CNG	380	17T	599413	5239001	303 m	9/30/2017 13:48
22	CNG	426	17T	599347	5238763	297 m	9/30/2017 13:55
23	CNG	358	17T	599351	5238664	299 m	9/30/2017 13:58
24	CNG	408	17T	599313	5239042	300 m	10/12/2017 13:22
25	CNG	1370	17T	599409	5239072	301 m	10/12/2017 13:32
26	CNG	439	17T	599513	5238951	311 m	10/12/2017 14:10
27	CNG	400	17T	599373	5238542	299 m	10/12/2017 14:41
28	CNG	530	17T	599336	5237965	287 m	9/30/2017 14:20
29	CNG	781	17T	599350	5237851	291 m	9/30/2017 14:24

Station	Description	Reading	NAD	Easting	Northing	Elavation	Date/Time
30	CNG	1083	17T	599370	5237813	291 m	10/12/2017 14:58
31	CNG	853	17T	599378	5237777	291 m	9/30/2017 14:28
32	CNG	625	17T	599391	5237729	291 m	9/30/2017 14:31
33	CNG	760	17T	599381	5237646	294 m	9/30/2017 14:37
34	ODD	422	17T	599446	5237900	289 m	9/30/2017 14:57
35	CNG	442	17T	600019	5238092	298 m	10/1/2017 12:25
36	CNG	654	17T	599909	5238191	298 m	10/13/2017 11:34
37	WACKE	1410	17T	600637	5238506	302 m	10/1/2017 12:37
38	GRY	1540	17T	600599	5238486	299 m	10/14/2017 12:17
39	WACKE	821	17T	600525	5238986	323 m	10/1/2017 12:44
40	WACKE	680	17T	600523	5239037	327 m	10/1/2017 12:46
41	WACKE	605	17T	600519	5239080	326 m	10/14/2017 12:49
42	DB	238	17T	600382	5239490	338 m	10/14/2017 13:18
43	DB	285	17T	600236	5239887	343 m	10/1/2017 12:54
44	DB	610	17T	600139	5239930	338 m	10/1/2017 12:56
45	WACKE	652	17T	600107	5240006	330 m	10/14/2017 13:55
46	DB	164	17T	600288	5240006	345 m	10/1/2017 13:32
47	DB	191	17T	600277	5240047	348 m	10/14/2017 14:15
48	DB	264	17T	600323	5240156	350 m	10/1/2017 13:38
49	DB	359	17T	600515	5240150	358 m	10/14/2017 14:32
50	DB	241	17T	600637	5239206	304 m	10/3/2017 11:49
51	DB	219	17T	600607	5239366	324 m	10/3/2017 12:01
52	DB	183	17T	600637	5239408	329 m	10/3/2017 12:09
53	DB	173	17T	600703	5239361	330 m	10/3/2017 12:13
54	Sed	212	17T	600679	5239326	340 m	10/21/2017 12:51
55	DB	232	17T	600720	5239276	338 m	10/3/2017 12:36
56	SED	902	17T	600926	5238679	321 m	10/3/2017 13:05
57	WACKE	744	17T	600986	5238648	322 m	10/3/2017 13:13
58	WACKE	763	17T	601007	5238623	321 m	10/3/2017 13:26

Legend	
APL = Aplite	CPY = Chalcopyrite
BLDR = Boulder	DB = Diabase
Cc = Calcite	FE = Iron
CLM = Claim	GAB = Gabbro
CNG = Conglomerate	GRY/GRYWCK = Greywacke/Wacke
CO/COB = Cobalt	KIM = Kimberlite
	LRG = Large
	MET = Metallics
	Ni = Nickel
	O/C = Outcrop
	POSS = Possible
	PRY = Pyrite
	PRX = Proximity
	SED = Sediments
	TRC/TRN = Trench
	UNKN = Unknown
	Vns = Veins



Radiometric Survey Map I



· Hound Chutes Radiometric Survey

APPENDIX III

Scintrex GIS-4 Gamma Ray Spectrometer

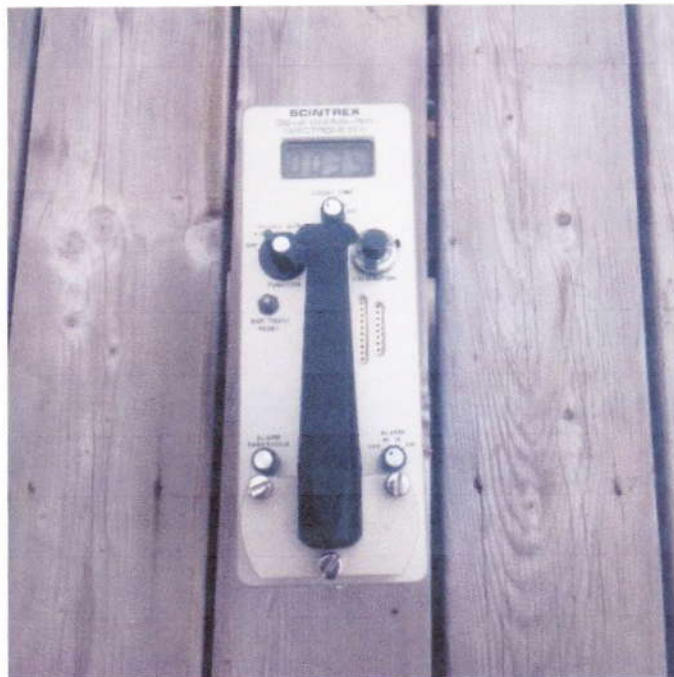
Simple to operate.

Straightforward calibration procedures using ThO_2 sources and front panel gain control.

3. SPECIFICATIONS

Detector	1.5" x 1.5" (43 cm^3) ruggedized sodium iodide crystal and photomultiplier assembly.
High Voltage Supply	Regulated electronic supply nominally 1000 volts DC, internally adjustable.
Amplifier	Gain externally adjustable through the range x1.3 to x5.
Energy Thresholds	Single discriminator internally set to 0.05 MeV (T.C.), 1.38 MeV (K + U + Th), 1.66 MeV (U + Th), 2.44 MeV (Th) and 2.62 MeV (CAL), switch selectable.
Counting Periods	1, 3, 10, 30, 100 seconds, switch selectable.
Time Base	Crystal oscillator control.
Radiation Flux Equivalence	1 mR/hr=4000 counts per second in T.C. for gamma rays from a pure thorium source.
Calibration	A ThO_2 calibration source is supplied. Calibration is carried out by front panel adjustment of a ten-turn, calibrated and lockable potentiometer.
Temperature Range	-20°C to +55°C, with ambient temperature rate change less than 5°C per hour. Storage temperature range is -30°C to +75°C.
Audio Output	Integral solid state transducer, maximum output 85 dbA with internally adjustable volume control.

	Pulse-for-pulse representation selectable at OFF, 0.1K, 1K and 10K cps levels.
Standard Accessories	ThO ₂ calibration source, carrying strap, batteries, manual.
Power Supply	4 D-cells contained in carrying handle base compartment.
Battery Life	Standard D-cells: 6 days; or, E95 alkaline cells: approximately 10 days at 20°C for continuous 8 hours/day operation.
Dimensions	Overall 260 mm x 90 mm x 190 mm.
Weight	2.3 kg including batteries.
Shipping Weight	Approximately 4.5 kg.





TESORO LOBO SUPERTRAQ

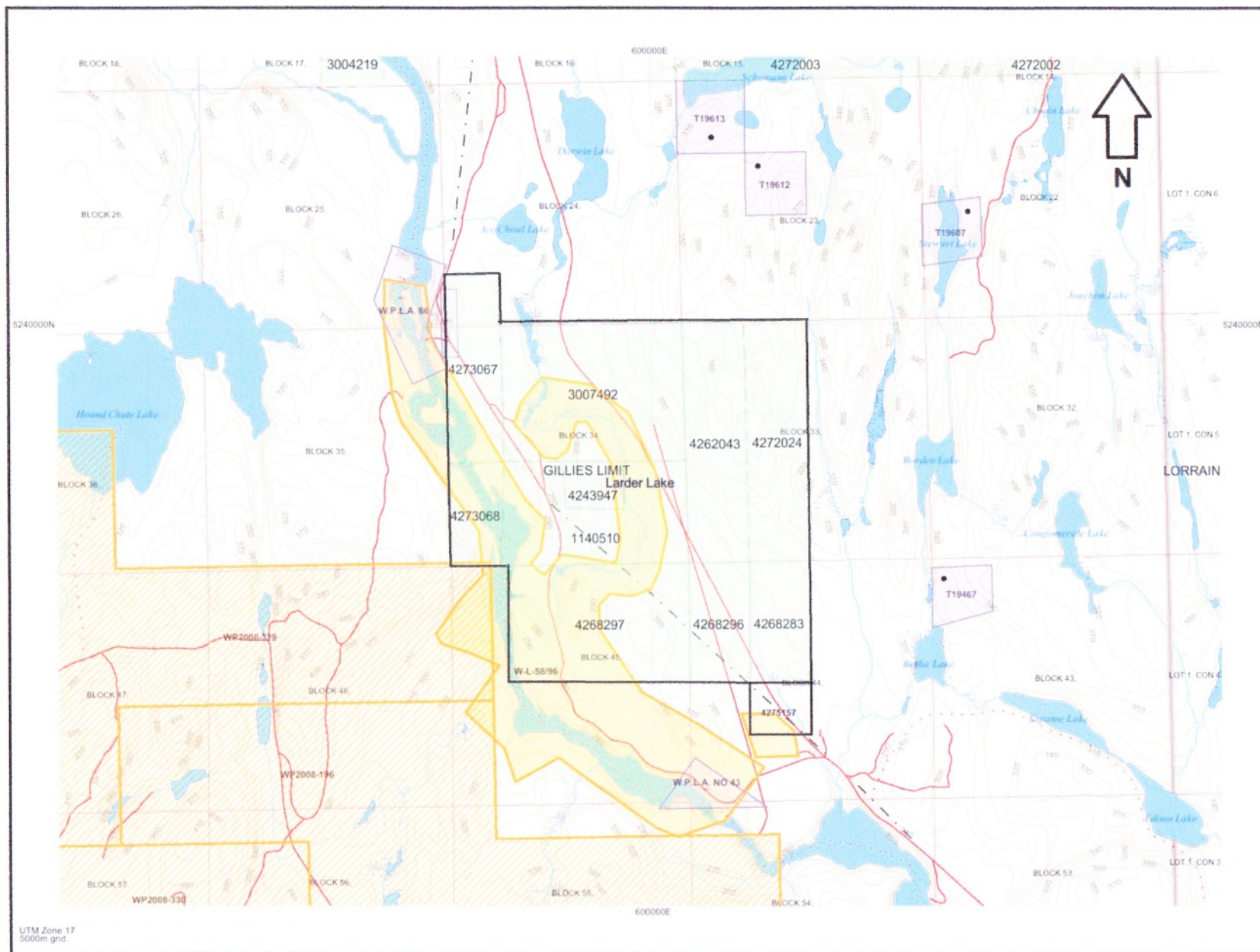
SPECIFICATIONS

Operating Frequency	17.8 kHz
Searchcoil Type	Elliptical, widescan
Searchcoil Size	10" elliptical (length)
Searchcoil Family	Delta
Cable Length	Approx. 8'
Audio Frequency	Approx. 330 Hz to 550 Hz
Audio Output	1 1/2" speaker and headphone jack
Headphone Compatibility	1/4" stereo plug
Weight (may vary slightly)	3.5 lbs
Battery Requirement	Eight AA cells (alkaline)
Battery Life (typical)	20 to 30 hours
Optimum Temp. Range	30° to 100° F
Optimum Humidity	0 to 75% R.H.
Operating Modes	All Metal (motion required) Silent Search Discriminate
All Metal Tuning Mode	Fast Auto Tune
Pinpoint Mode	No-Motion All Metal (no Auto Tune)

GARMIN GPSMAP 64S

Specifications

General	
1. Unit dimensions, WxHxD:	2.4 x 6.3 x 1.4in (6.1 x 16.0 x 3.6 cm)
2. Display size, WxH:	1.43 x 2.15 inches (3.6 x 5.5 cm); 2.6in diag (6.6 cm)
3. Display resolution, WxH:	160 x 240 pixels
4. Display type:	Transflective, 65-K color TFT
5. Weight:	8.1 oz (230 g) with batteries
6. Battery:	NIMH, Lithium or 2 AA batteries; Batteries not included
7. Battery life:	16 hours
8. Waterproof:	Yes (IPX7)
9. GPS-enabled:	Yes
10. Floats:	No
11. High-sensitivity receiver:	Yes
12. PC interface:	High-speed USB/NMEA
13. RoHS version available:	Yes
14. Preloaded maps:	Basemap
15. Ability to add maps:	Yes
16. Street Map Compatible:	Yes
17. Topographic Map Compatible:	Yes
18. Marine Software Compatible:	Yes
19. Bluechart g2 Map Compatible:	Yes
20. Bluechart g2 Vision Map Compatible:	No
21. Built-in memory:	4GB
22. Accepts data cards:	microSD data card
23. Waypoints/favorites/locations:	5000
24. Touchscreen:	No
25. Additional:	<ul style="list-style-type: none"> Smart Notifications: yes Live Tracking: yes (with Garmin Connect™ Mobile)
26. Garmin Connect™ compatible (online community where you analyze, categorize and share data):	Yes
27. Widescreen	No
28. Custom Maps Compatible	Yes



UTM Zone 17
5000m grid