

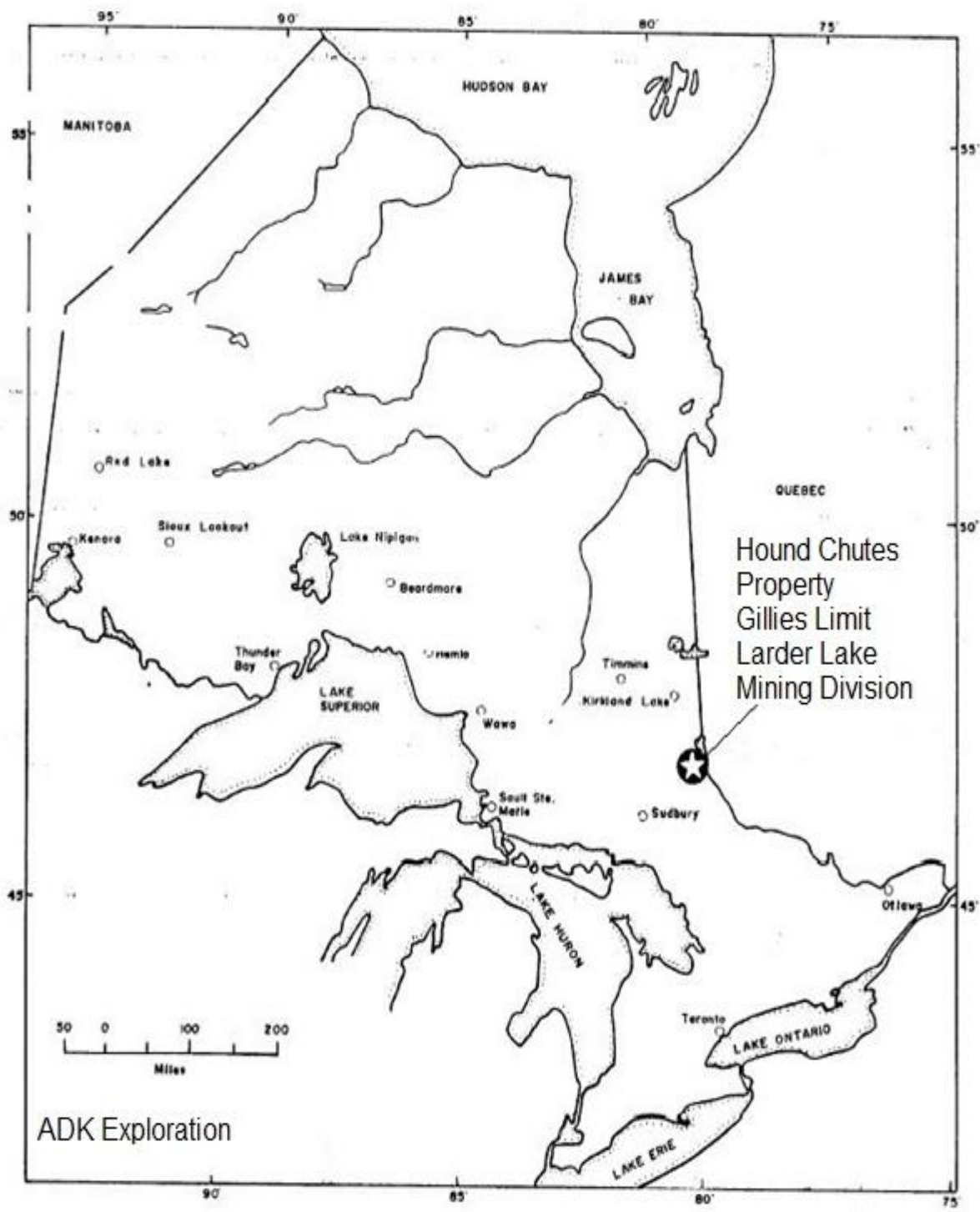
# **Assessment Work Report**

**On Claim #4273067**

First Part of Phase II

By Alan Kon

July 15, 2015



ADK Exploration

# Index

Introduction .....	1
Access & Location	
Topographical & Vegetation.....	2
Regional Geology, Property Geology.....	2
Wildlife & Historical work .....	3
Work Program.....	4
Daily Log.....	5
Line Log.....	5
Recommendations.....	6
Sample Results.....	Appendix I
Maps.....	Back Pages

## **INTRODUCTION**

This work report is on the Hound Chutes Road (HCR) 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.

This work program is the first part of Phase II of a program to be under taken by Alan Kon of North Cobalt/Haileybury Ontario that will be conducted over the course of the summer and fall of 2015.

The work program will consist of implementing GPS/flagged grid followed by mapping, prospecting, and sampling.

A final summary report will also be written following the end of this year's exploration program.

### **\*Special Note\***

This prospecting program was cut short because of the suspicious activity taking place in the area. The MNR recommended that prospecting and other ground work stay within close proximity of Hound Chutes road and the dam.

The exploration project will continue once the MNR deem it safe to proceed.

## **PROPERTY LOCATION AND ACCESS**

The claims can be accessed by the 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 centre. Vegetation on the claims consists mainly of mature mixed forest and locally dense underbrush. Logging was done across much of the area and re-growth 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, 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 at about 153.5 Ma.

## **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 and a cougar. And way too many bugs.

## **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 north/west 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

The original work program was to continue on with the second phase of the exploration project but since that got cut short, only a minimal amount of work was completed.

The prospecting and grid flagging started on line LN 1900N across from Hound Chutes Dam.

Flagging and prospecting would follow pre-plotted GPS points in the same direction and pattern as the first phase did. Right from the start a pile of mineralized broken rock/muck (?) was located close to LN 1900 about 20 metres NE of station #068. The exact source of the mineralized diabase boulders has not been located although it is suspected that they may be from a blasted outcrop inside the OPG fence. Three samples were taken there.

Each line from LN1900N to LN 1700N was prospected, flagged and mapped but only going as far as the clear cut re-growth. *See map*

Another sample was taken near the base line at about grid1725N. The sample was only about fist sized or smaller but the greenish paste like mush on the rock pretty much gave it away as to what it was. The sample is most likely a nickel/cobalt rock and the greenish paste is likely arsenic.

This sample was very similar to another sample taken last year.

All samples were sent to AGAT Labs in Sudbury on July 2<sup>nd</sup>, 2015 and analysed for base metal ICP + gold. Sample results can be viewed in Appendix I.

Sample Number	Description	Type	Coordinates
PS-15-01	Db/Sulphides	Boulder/muck	598659E,5239965N
PS-15-02	Db/Sulphides	Boulder/muck	598677E,5239942N
PS-15-03	Db/Sulphides	Boulder/muck	598671E,5239936N
PS-15-04	Cu,Co,Ni	rock	598626E,5239740N

## Daily Log

<b>June 29 - Follow up prospecting clm 4373067</b>
<b>June 30 - Flag baseline grid, prospecting clm 4373067</b>
<b>July 2 - Prospect claim 4273067, data entry, plot gps grid, ship samples</b>
<b>July 8 - Prospect claim 4273067, data entry, flag grid</b>

## Line Log Notes

**1900N** - Mostly clear, very little vegetation, long wide trench most likely dug by OPG from road to station #068, sand and boulders.

**1850N** - Beside Dam entrance, no outcrop from baseline to Stn #088, semi heavy bush from #088 to #089, no exposed rock or outcropping. Aplite in gabbro rock outcrop 10 metres west of claim line.

**1800N** - Thick heavy bush from baseline to road and power line, some outcropping and exposed rock, mostly gabbro with some aplite intrusions, gabbro/diabase outcropping on power line, heavy bush from east side of road to clear cut re-growth.

**1750N** - Base line point beside large round boulder pile, heavy bush from baseline to road with minimum outcrops, mostly diabase and gabbro. Open area with trail on east side of road at Stn #107, semi heavy bush along trail, no exposed rock

**1700N** - Base line point beside trail to Montreal River, long blasted trench parallels Line for about 30m, large boulders in trench, gabbro/diabase outcropping on baseline.

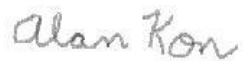


## **Recommendations**

The only recommendation at this time is to continue with the phase 2 exploration program and also locate the source of the high grade nickel cobalt sample although that may be difficult since the rock has been moved from its original source.

If access to the rock inside the OPG Dam fence can be obtained, that would be a good place to start as there have been reports of nickel cobalt gossan on the rock.

Thank you.

A handwritten signature in cursive script that reads "Alan Kon".

Alan Kon

# **APPENDIX I**



5828 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4L 1N9  
TEL (905) 501-9999  
FAX (905) 501-0539  
http://www.agatlab.com

CLIENT NAME: A DK EXPLORATION  
PO BOX 1375  
HAILEYBURY, ON P0J1K0  
(705) 648-9680

ATTENTION TO: ALAN KON

PROJECT:

AGAT WORK ORDER: 15U991523

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Jul 15, 2015

PAGES (INCLUDING COVER): 7

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

**NOTES**

All sample care covered at no charge for 90 days. Please contact the lab if you require additional sample storage time.



# Certificate of Analysis

AGAT WORK ORDER: 15U991523  
PROJECT:

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905) 811-9998  
FAX (905) 811-0589  
http://www.agatlabs.com

CLIENT NAME: ADK EXPLORATION

ATTENTION TO: ALAN KON

## (201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 02, 2015	DATE RECEIVED: Jul 02, 2015	DATE REPORTED: Jul 15, 2015	SAMPLE TYPE: Rock												
Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.01	0.2	0.01	1	0.01	5	1	0.5	1	0.01	0.5	1	0.5	0.5	
Sample ID (AGAT ID)															
PS-15-01 (8705071)	3.12	0.8	1.21	>10000	0.03	<5	2	0.7	44	1.84	<0.5	14	679	27.2	
PS-15-02 (8705072)	2.58	<0.2	1.91	249	<0.01	6	9	0.7	<1	1.13	<0.5	25	82.2	31.3	
PS-15-03 (8705073)	2.00	<0.2	1.28	56	<0.01	<5	15	0.6	<1	0.81	<0.5	58	150	36.7	
PS-15-04 (8705074)	0.44	5.1	0.27	>10000	1.10	28	<1	0.7	638	4.93	>1000	28	>10000	8.8	
Analyte:	Cu	Fe	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	
Unit:	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	
RDL:	0.5	0.01	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	
Sample ID (AGAT ID)															
PS-15-01 (8705071)	18.2	3.40	5	1	<1	0.02	6	13	1.39	488	7.3	0.06	>10000	183	
PS-15-02 (8705072)	865	8.39	12	2	<1	0.14	12	13	1.36	621	9.5	0.06	104	626	
PS-15-03 (8705073)	93.4	6.99	8	<1	<1	0.31	32	11	0.97	466	8.1	0.05	30.4	560	
PS-15-04 (8705074)	36.1	2.13	40	8	78	<0.01	12	3	1.80	510	27.1	0.01	>10000	19	
Analyte:	Pb	Rb	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	
RDL:	0.5	10	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	
Sample ID (AGAT ID)															
PS-15-01 (8705071)	7.9	<10	0.982	52	13.0	<10	<5	15.2	<10	<10	<5	0.04	<5	<5	
PS-15-02 (8705072)	9.9	23	0.434	15	8.2	21	11	29.0	<10	<10	<5	0.27	<5	5	
PS-15-03 (8705073)	25.3	43	0.742	12	6.9	<10	8	21.8	<10	<10	<5	0.23	<5	<5	
PS-15-04 (8705074)	28.5	<10	6.60	473	11.1	81	<5	12.1	64	<10	91	<0.01	<5	37	
Analyte:	V	W	Y	Zn	Zr	As-OL	Cd-OL	Ni-OL	Co-OL						
Unit:	ppm	ppm	ppm	ppm	ppm	%	%	%	%						
RDL:	0.5	1	1	0.5	5	0.01	0.01	0.01	0.01						
Sample ID (AGAT ID)															
PS-15-01 (8705071)	46.5	<1	16	29.1	41	1.86		1.89							
PS-15-02 (8705072)	323	<1	12	79.8	14										
PS-15-03 (8705073)	322	<1	11	92.0	19										
PS-15-04 (8705074)	27.9	<1	26	7.0	<5	25.8	0.201	12.3	5.81						

Comments: RDL - Reported Detection Limit

Certified By:



Quality Assurance - Replicate  
 AGAT WORK ORDER: 15U991523  
 PROJECT:

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)801-9938  
 FAX (905)801-0589  
 http://www.agatlab.com

CLIENT NAME: ADK EXPLORATION

ATTENTION TO: ALAN KON

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1			RPD																
	Sample ID	Original	Replicate																	
Ag	6705071	0.8	0.8	0.0%																
Al	6705071	1.21	1.18	2.5%																
As	6705071	>10000	>10000	0.0%																
Au	6705071	0.0334	0.0309	7.8%																
B	6705071	<5	<5	0.0%																
Ba	6705071	2	2	0.0%																
Be	6705071	0.7	0.7	0.0%																
Bi	6705071	44	44	0.0%																
Ca	6705071	1.84	1.81	1.6%																
Cd	6705071	< 0.5	< 0.5	0.0%																
Ce	6705071	14	14	0.0%																
Co	6705071	679	667	1.8%																
Cr	6705071	27.2	27.2	0.0%																
Cu	6705071	18.2	17.5	3.9%																
Fe	6705071	3.40	3.36	1.2%																
Ga	6705071	5	6	18.2%																
Hg	6705071	1	< 1																	
In	6705071	< 1	< 1	0.0%																
K	6705071	0.02	0.02	0.0%																
La	6705071	6	6	0.0%																
Li	6705071	13	13	0.0%																
Mg	6705071	1.39	1.37	1.4%																
Mn	6705071	488	474	2.9%																
Mo	6705071	7.3	7.1	2.8%																
Na	6705071	0.06	0.06	0.0%																
Ni	6705071	>10000	>10000	0.0%																
P	6705071	163	181	10.5%																
Pb	6705071	7.9	6.6	17.9%																
Rb	6705071	< 10	< 10	0.0%																
S	6705071	0.982	0.954	2.9%																
Sb	6705071	52	56	7.4%																



Quality Assurance - Replicate  
 AGAT WORK ORDER: 15U991523  
 PROJECT:

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL: (905) 801-4998  
 FAX: (905) 801-0589  
<http://www.agatlbs.com>

CLIENT NAME: ADK EXPLORATION

ATTENTION TO: ALAN KON

Sc	6705071	13.0	13.2	1.5%														
Se	6705071	< 10	< 10	0.0%														
Sn	6705071	< 5	< 5	0.0%														
Sr	6705071	15.2	14.8	2.7%														
Ta	6705071	< 10	< 10	0.0%														
Te	6705071	< 10	< 10	0.0%														
Th	6705071	< 5	< 5	0.0%														
Ti	6705071	0.04	0.04	0.0%														
Tl	6705071	< 5	< 5	0.0%														
U	6705071	< 5	< 5	0.0%														
V	6705071	46.5	46.6	2.0%														
W	6705071	< 1	< 1	0.0%														
Y	6705071	16	16	0.0%														
Zn	6705071	29.1	25.9	11.6%														
Zr	6705071	41	43	4.8%														



Quality Assurance - Certified Reference materials  
 AGAT WORK ORDER: 15U991523  
 PROJECT:

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL: (905) 801-9998  
 FAX: (905) 801-0589  
<http://www.agatlab.com>

CLIENT NAME: ADK EXPLORATION

ATTENTION TO: ALAN KON

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref. CDN-ME-1303)														
	Expect	Actual	Recovery	Limits											
Ag	152	153	101%	90% - 110%											
Cu	3440	3585	104%	90% - 110%											
Pb	12200	12156	100%	90% - 110%											
Zn	9310	9492	102%	90% - 110%											

## Method Summary

CLIENT NAME: ADK EXPLORATION

AGAT WORK ORDER: 15099 1523

PROJECT:

ATTENTION TO: ALAN KON

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analytes			
Sample Logbook Weight	MIN-12009		BALANCE
Ag	MIN-200-1.2020		ICP/OES
Al	MIN-200-1.2020		ICP/OES
As	MIN-200-1.2020		ICP/OES
At			ICP-MS
B	MIN-200-1.2020		ICP/OES
Ba	MIN-200-1.2020		ICP/OES
Be	MIN-200-1.2020		ICP/OES
Bi	MIN-200-1.2020		ICP/OES
Ca	MIN-200-1.2020		ICP/OES
Cd	MIN-200-1.2020		ICP/OES
Ce	MIN-200-1.2020		ICP/OES
Co	MIN-200-1.2020		ICP/OES
Cr	MIN-200-1.2020		ICP/OES
Cu	MIN-200-1.2020		ICP/OES
Fe	MIN-200-1.2020		ICP/OES
Ga	MIN-200-1.2020		ICP/OES
Hg	MIN-200-1.2020		ICP/OES
In	MIN-200-1.2020		ICP/OES
K	MIN-200-1.2020		ICP/OES
La	MIN-200-1.2020		ICP/OES
Li	MIN-200-1.2020		ICP/OES
Mg	MIN-200-1.2020		ICP/OES
Mn	MIN-200-1.2020		ICP/OES
Mo	MIN-200-1.2020		ICP/OES
Na	MIN-200-1.2020		ICP/OES
Ni	MIN-200-1.2020		ICP/OES
P	MIN-200-1.2020		ICP/OES
Pb	MIN-200-1.2020		ICP/OES
Pd	MIN-200-1.2020		ICP/OES
S	MIN-200-1.2020		ICP/OES
Sb	MIN-200-1.2020		ICP/OES
Sc	MIN-200-1.2020		ICP/OES
Se	MIN-200-1.2020		ICP/OES
Si	MIN-200-1.2020		ICP/OES
Sr	MIN-200-1.2020		ICP/OES
Ta	MIN-200-1.2020		ICP/OES
Tc	MIN-200-1.2020		ICP/OES
Tl	MIN-200-1.2020		ICP/OES
Ti	MIN-200-1.2020		ICP/OES
U	MIN-200-1.2020		ICP/OES
V	MIN-200-1.2020		ICP/OES
W	MIN-200-1.2020		ICP/OES
Y	MIN-200-1.2020		ICP/OES
Zn	MIN-200-1.2020		ICP/OES
Zr	MIN-200-1.2020		ICP/OES
As-OL	MIN-200-1.2002/1.2020		ICP/OES
NiOL	MIN-200-1.2002/1.2020		ICP/OES





### Method Summary

CLIENT NAME: ADK EXPLORATION

AGAT WORK ORDER: 15 US9 1523

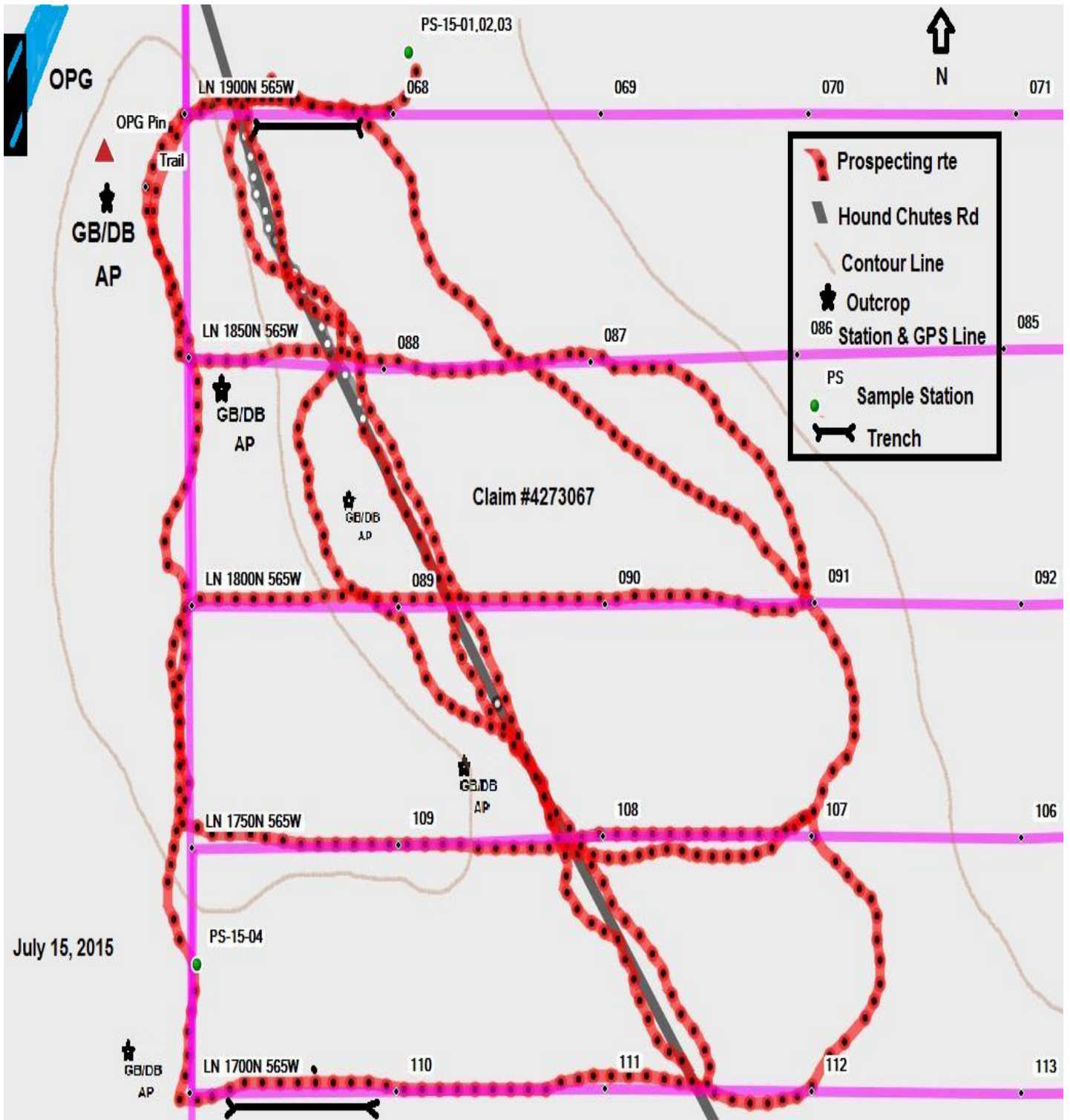
PROJECT:

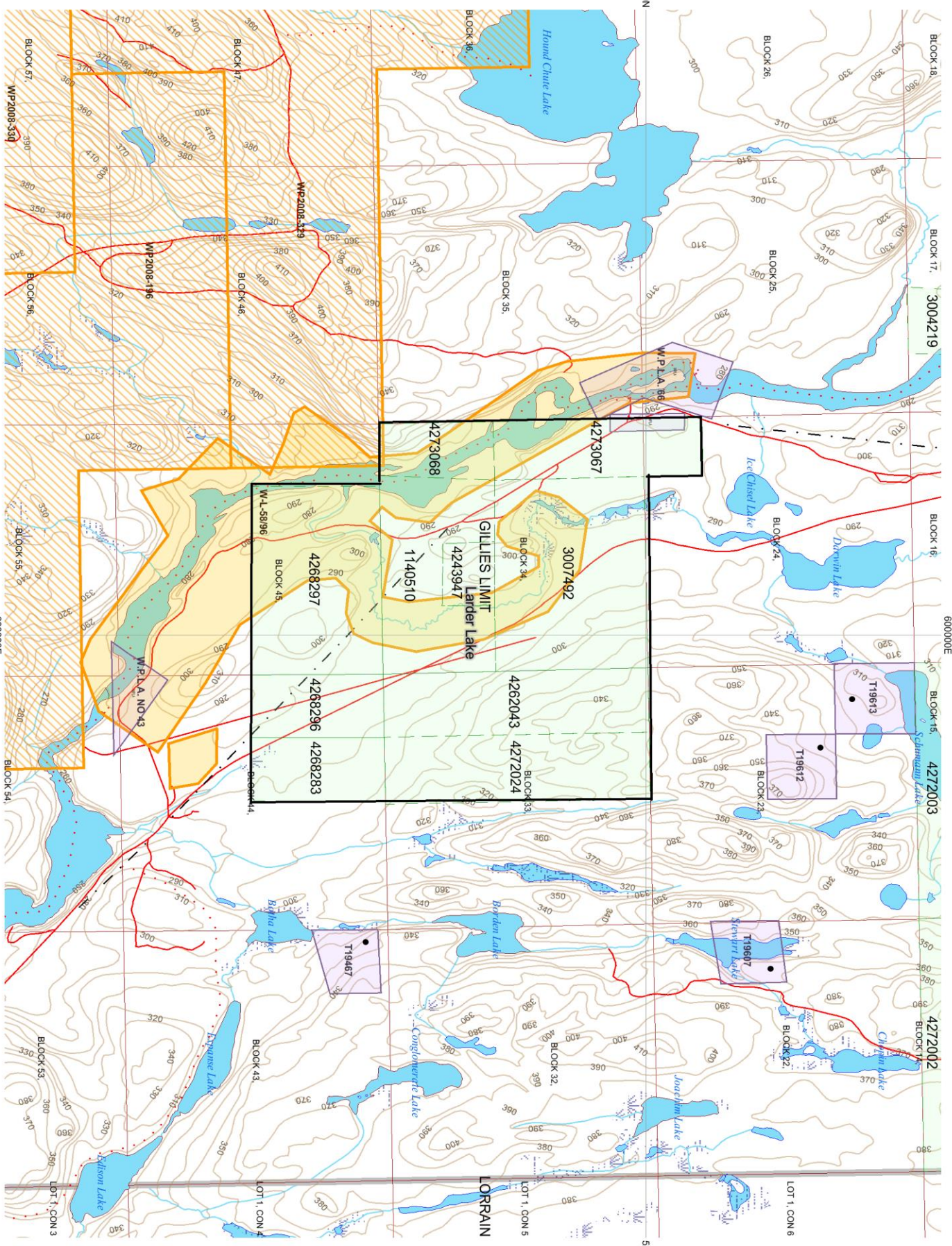
ATTENTION TO: ALAN KON

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Co-OL	MIN-200-1 2002/12020		ICP/OES
Co-OL	MIN-200-1 2002/12020		ICP/OES





5240000N

5240000N

600000E

600000E

UTM Zone 17  
5000m grid