

We are committed to providing [accessible customer service](#).
If you need accessible formats or communications supports, please [contact us](#).

Nous tenons à améliorer [l'accessibilité des services à la clientèle](#).
Si vous avez besoin de formats accessibles ou d'aide à la communication, veuillez [nous contacter](#).

**HOTSTONE PROSPECTING REPORT
AND
RIDEOUT LAKE SEDIMENT SURVEY
ON CLAIMS
4268775, 4268776, and 1163944.
IN
GREENLAW TWP.
For
GIBSON AND ASSOCIATES INC.
WRITTEN BY
D. GIBSON
April 11, 2016**

This report will discuss the Hotstone Prospecting and Rideout Lake Sediment survey performed, along with related activities, on the Hotstone Property by D. Gibson and J. Savard. The Hotstone Prospecting and Rideout Lake Sediment survey were conducted on mining claims 4268775, 4268776, and 1163944, during the period from September 3rd 2015 to September 12th 2015 and from February 29th 2016 to March 12th 2016 within Greenlaw Township, Porcupine Mining Division. The Mining Claims are held by Gibson and Associates Incorporated and David Lawrence Gibson.

Schedule of Events

Hotstone Prospecting Program September 2015

- On August 21st 2015 to August 25th 2015 D. Gibson traveled from Calgary, Alberta to Bonfield, Ontario.
- During the Week of August 25th, 2015 D. Gibson and J. Savard of Bonfield, Ontario, collected supplies, provisions and readied the equipment for departure to the Hotstone Property in Greenlaw Twp., south-east of Chapleau, Ontario.
- On September 3rd, 2015 D. Gibson and J. Savard travelled from Bonfield, Ontario to Kormak, Ontario, south-east of Chapleau, Ontario.
- On September 4th, 2015, D. Gibson and J. Savard setup camp at Minnow Lake, 1km north of the Train Crossing at Kormak Station and scouted the access into Hotstone Lake.
- On September 5th 2015, D. Gibson and J. Savard traversed claim 4268775 and collected one sample #1001, Acc# 50546. See Hotstone Traverse Map for details.
- On September 6th 2015 D. Gibson and J. Savard traversed claim 4268775 and collected one sample #1002, Acc# 50547. See Hotstone Traverse Map for details.
- On September 7th 2015, Rain during the night and morning, truck stuck most of the day locating access. Unable to traverse due to wet bush conditions, D. Gibson and J. Savard returned to camp.
- On September 8th D. Gibson and J. Savard traversed old high-grade pits in south-central portion of claim 1163944, collected one sample from easterly pit, sample #1003, Acc# 50548. See Hotstone Traverse Map for details.

- On September 9th 2015 D. Gibson and J. Savard traversed old high-grade pits in south-central portion of claim 1163944. One sample collected from westerly pit, sample #1004, Acc #50549. See Hotstone Traverse Map for details.
- On September 10th 2015, D. Gibson and J. Savard traversed claim 4268775 and collected one sample #1005, Acc# 50550. See Hotstone Traverse Map for details.
- On September 11th 2015 D. Gibson and J. Savard traversed old high-grade pits in south-central portion of claim 1163944. One sample collected from central pit, sample #1006, Acc #50551. See Hotstone Traverse Map for details.
- On September 12th 2015 D. Gibson and J. Savard loaded up camper, trucks and equipment and mobilized back to BonField, Ontario.
- On September 14th 2015 to September 18th 2015 D. Gibson traveled From Bonfield, Ontario to Calgary, Alberta.

Lake Sediment Sampling Program, March 2016

- On February 8th, 2016 to February 12th 2016 D. Gibson travelled from Calgary, Alberta to Bonfield, Ontario.
- On February 29th 2016, D. Gibson and J. Savard travelled from Bonfield, Ontario to Kormak train crossing and unloaded snow machines and equipment and began skidooring into Rideout Lake. One Snow machine broke down 20 km in, and returned to spend the night in the trucks and Kormak Station.
- On March 1, 2016 D. Gibson and J. Savard travelled in 20km and repaired snowmachine and continued down Hotstone road on snowmachine. Encountered heavy blowdown across trail and began cutting. Dropped the sleighs and equipment and began breaking trail and cutting our way in with chainsaw. Arrived at trappers cabin on Rideout lake at 3am, up all night.
- On March 2 2016, at 4:30am D. Gibson and J. Savard skidooed from the trappers cabin on Rideout Lake back 10 km to retrieve the sleighs with equipment and supplies dropped the night before. Brought in sleighs, cut firewood, readied camp and went to sleep. Spent the day in camp recovering from long trip in.
- On March 3, 2016 D. Gibson and J. Savard began laying out grid on the west end of Rideout Lake and over portions of land in the area, within claim 4268776. See Rideout Lake sediment Grid Layout Map.

-From March 4 2016 to March 6, 2016 D. Gibson and J. Savard began drilling holes on lake at established grid points and collecting lake sediment samples.

-From March 7, 2016 to March 8, 2016 heavy rain, D. Gibson and J. Savard unable to skidoo down lake with heavy rain and slush. Camp days in Trappers Cabin on Rideout Lake.

-On March 9, 2016 D. Gibson and J. Savard completed lake sediment survey and collecting samples.

-On March 10, 2016, D. Gibson and J. Savard loaded up snowmachines and sleighs and travelled from Rideout Lake to trucks and Kormak Station. Raining during the day, and arrived to trucks after dark and began driving to Bonfield, Ontario. Slept in trucks in Chelmsford, Ontario

-On March 11, 2016, D. Gibson and J. Savard completed driving to Bonfield, Ontario.

-On March 12, 2016 to March 15, 2016 D. Gibson travelled from Bonfield, Ontario to Calgary, Alberta.

Personnel

D. Gibson and J. Savard were the personnel involved in performing the prospecting and lake sediment sampling on the Hotstone Property in Greenlaw township during the September 2015 prospecting program and the March 2016 Rideout Lake Sediment Program.

Property

The mining claims 4268775, 4268776, and 1163944 were located approximately 65 km south-east of the town of Chapleau, Ontario, within the central portion of Greenlaw Township, Sudbury District, Porcupine Mining division.

Access

Access to the property from Bon Field, Ontario was by way of highway 17 west to Sudbury, then north along highway 144 to the Watershed turnoff onto the Sultan Industrial Road. From there, travel west along the Sultan Industrial Road for 80km to the town of Sultan and highway 667. Then proceed west for 30km along highway 667 to the Kormak Road turnoff. Then proceed north along the Kormak road, to the train access

and settlement of Kormak. From there proceed North along the Betty Lake Road for 20 km to a small gravel road leading east in toward Hotstone and Rideout Lakes. Hotstone lake and the Hotstone Property are found approximately 6km east, and Rideout Lake another 4km east by trails.

Hotstone Prospecting Program September 2015

Discussions

The prospecting program on the Hotstone property was performed in September 2015 from the 3rd to the 12th.

The purpose of the Hotstone Prospecting program was to expand upon the results of the 2014 prospecting program and to identify additional or new geological packages for gold mineralization.

During the program there were two areas of interest that were focused on, the area in the central part of claim 4268775, where the historic Granges base-metals showing is found and the high-grade gold pits in the south-central portion of claim 1163944.

A total of 6 samples were collected during the prospecting program. See "Hotstone Prospecting Traverse Map Sept 2015", for traverses, sample numbers and collection locations.



Sampling wall rock along main quartz vein in westerly high-grade pit. See Hotstone Prospecting Traverse Map for location details.



Sampling of wall rock of central high-grade pit. See Hotstone Prospecting Traverse Map for location details.

Accessing around the Hotstone property for the prospecting program was by way of quad, boat and on foot.

A camper trailer was placed just outside of Kormak, 1km north from the train crossing, at a site on Minnow Lake. See Google Earth Map for location of camp and property. This was used for the base camp and main accommodations for the prospecting program. Travel was back and forth from the Hotstone property to the camp via truck along the Kormak/Betty Lake road, approximately 42km round trip each day. Meals and field supplies were supplied by D. Gibson.

Sample Description

A total of 6 samples were collected during the prospecting program conducted on the Hotstone property in September of 2015. All the samples were assayed for gold using a fire assay with a AA finish, by Accurassay Laboratories in Thunder Bay, Ontario. See assay certificate for results.

The following is a brief description of the individual samples collected within the Hotstone property.

-Sample 1001 was a chip sample of quartz vein material with minor sulfide mineralization. The sample was collected from a small 10cm quartz vein found in an outcrop in the central portion of claim 4268775 east of the vicinity of the historic Granges Base-metals showing. See "Hotstone Prospecting Traverse Map Sept 2015".

-Sample 1002 was a chip sample of quartz-carbonate vein material with sulfide mineralization. The sample was collected from a small 20cm quartz vein found protruding out of the ground, within the central portion of claim 4268775 east of the vicinity of the historic Granges Base-metals showing. See "Hotstone Prospecting Traverse Map Sept 2015".

-Sample 1003 was a sample of quartz-carbonate alteration with minor amounts of sulfides collected from the wall rock within the easterly pit of the main high-grade quartz vein. The sample was collected in the easterly high-grade pit is found within the large east-west trending alteration shear zone that spans over 1000m within the Greenlaw property, located in the central portion of claim 1163945. See "Hotstone Prospecting Traverse Map Sept 2015".

-Sample 1004 was a sample of quartz-carbonate alteration with minor amounts of sulfides collected from the wall rock within the westerly pit of the main high-grade quartz vein. The sample was collected from the westerly high-grade pit is found within the large east-west trending alteration shear zone that spans over 1000m within the Greenlaw property, located in the central portion of claim 1163945. See "Hotstone Prospecting Traverse Map Sept 2015".

-Sample 1005 was a grab sample of material consisting of quartz-alteration with minor sulfides and magnetite iron formation, within the central portion of claim 4268775 east of the vicinity of the historic Granges Base-metals showing. See "Hotstone Prospecting Traverse Map Sept 2015".

-Sample 1006 was a sample of quartz-carbonate alteration with minor amounts of sulfides collected from the wall rock within the central pit of the main high-grade quartz vein. The sample collected from the central high-grade pit is found within the large east-west trending alteration shear zone that spans over 1000m within the Greenlaw property, located in the central portion of claim 1163945. See "Hotstone Prospecting Traverse Map Sept 2015".

See assay certificates for results.

Findings, Conclusion and Recommendations

The samples collected during the Hotstone Prospecting program, for the majority, returned very insignificant amounts of gold. The sampling showed that the host rock or wall rock of the alteration zone in contact with the main high-grade vein in claim 1163944, contains very little to no gold. Thus being that the gold is carried mainly by the quartz infilling and flooding the emplaced during the alteration.

The prospecting program also showed that there is very little gold found in the quartz veining, associated with the historic Granges Base-metals occurrence.

The following are recommendations for future work on the Hotstone Property.

It is recommended that additional sampling or bulk sampling of the main high-grade vein be performed to assess the overall gold content of these quartz emplacements. A specific quartz vein sampling program is recommended to determine which quartz infilling events are carrying the gold.

Lastly, it is recommended that additional follow-up of the identified iron formation outcroppings found in the central portions of claims 4268775 and 4268776, be pursued with the focus on sampling for base metals as there appears to be little to no gold found within these structures at surface to date.

Overall the September Hotstone prospecting program proved to be quite a success.

Rideout Lake Sediment Sampling Survey March 2016

Discussions

The purpose of the lake sediment sampling program, at the west end of Rideout Lake on claim 4268776, was to determine the possible mineral extent, down-strike of the historical Granges Base-metals showing.

The Trappers Cabin located about 4 km east of claim 4268776 on Rideout Lake was used as the Base Camp location and accommodations for the Rideout Lake Sediment program.

The grid for the program was 50 meter line spacing's with 50 meter station separations.

A seismic numbering system was used for the layout and the points were created in Ozi Explorer and uploaded into Garmin Hand-held GPS's. The grid was laid out at 1-2 meter station accuracy with the Hand-Held GPS's. A total of 4.7 km of Ribbon Grid lines was established on the West end of Rideout Lake and Vicinity. See Rideout Lake Sediment Grid Layout Map for details.





Stations were staked out on the lake and in the bush, from uploaded preplots, with the Hand-held Garmin's. The stations were marked with ribbons and sticks on the ice and ribbon and metal tags in the bush areas.



The locations on the lake were then drilled with an 8 inch Gas powered ice auger.

A lake sediment probe designed and developed by the OGS was supplied and used for the Rideout Lake Sediment sampling Program.

The probe, connected by a long cable, was lowered into the hole in the ice and allowed to impact on the bottom of the lake.





Pulling up the probe



The probe was retrieved and each sample was collected and sealed in a numbered heavy-duty zip-lock bag. Care was taken in the handling and transportation of the samples to prevent damage and cross contamination.

Each sample collected had the depth recorded, numbered, cataloged and a sample description recorded. See Rideout Lake Sediment Sample Log Spreadsheet for details.

The samples were delivered to Accurassay Labs in Thunder Bay, Ontario and assayed for a base-metals suite of AG, CO, CU, NI, PB and ZN. See Assay certificates for results.

There were a number of unforeseen issues in completing and performing the Rideout Lake sediment sampling program. Firstly there were a number of break down issues with the snow machines in getting into and out of Rideout Lake from Kormak Station. Upon the first night one snow machine was left in the bush and we returned to Kormak station to sleep in the trucks. The next day we travelled back down the Betty Lake road to the broken down machine and was able to get it running only to have the second machine break down. The second machine was fixed and we began our way down the Hotstone road, leading east off of Betty Lake road only to encounter heavy blowdown from a January ice storm. Prolonged cutting and clearing with a chainsaw after 20 hours of work enabled us to reach the trappers cabin on Rideout Lake.

Rain and warm temperatures above freezing were encountered on March 7 and March 8 delaying the completion of the Lake sediment sampling. Rain ensued on March the 9th yet it was light and we were able to complete the sampling program.

Upon leaving Rideout Lake on March 10, warm temperatures and additional light rain made demobilizing from Rideout Lake to the trucks at Kormak Station a very long days event and we arrived at the trucks after dark. We then loaded the trucks and began travelling to Bonfield, Ontario.

While on route, about 80km from Kormak, on the Sultan Industrial road, the one vehicle, 2009 GMC 2500 HD encountered a transfer case issue, which required about 4 hours of mechanical inspection and manipulation to somewhat correct the issue and limp the vehicle to Chelmsford, Ontario.

Arriving at nearly 5 am into Chelmsford we slept in the trucks once again and completed the mobilization to Bonfield that next day.

Sample Description

See Rideout Lake Sediment Sampling Log Spreadsheet for details.

Findings, Conclusion and Recommendations

From the Rideout Lake Sediment Sampling Program, a number of base-metals lake sediment anomalies were discovered, within in the western extent of the Rideout Lake Deformation Zone. These anomalies are also interpreted to be along strike from the historic Granges Base-metals Occurrence.

There were notable Cu and Zn anomalies with an interesting Ni anomaly nearby. Also found within the sampling area were minor Co and Pb anomalies. The Silver values were negligible and therefore were not contoured. See Rideout Lake Sediment Contours and Assay Certificates in the Appendix.

There exists a north-east/south-west Cu and Zn trend as noted by the contours on the Cu and Zn contour maps.

A small Ni trend was noted in the westerly end of Rideout Lake, likely associated with the Granges Base metals showing. Also the minor Pb and Co anomalies, can be seen on the contours. See Rideout Lake Sediment Contours and Assay Certificates in the Appendix.

As a result of the success of the Rideout lake sediment sampling program, it is recommended that additional soil geochemistry sampling be performed throughout claims 4268775 and 4268776 to further delineate the base-metals trend in the area.

Overall the Rideout Lake Sediment Sampling Program was a great success in providing additional information into the occurrence of base-metals mineralization within the Hotstone Property.

Listing of Expenditure

Hotstone Prospecting Program September 2015

D. Gibson Travel from Manitoba Border to Bonfield, Ontario August 21-25,2015, return September 14-18,2015 1660 km one way, 3320km return at \$.45/km	\$1494.00
D. Gibson Travel from Bonfield, Ontario to Hotstone Property, for September 3, 2015, From Hotstone Property to Bonfield, Ontario September 12, 2015, 658 km one Way, 1316 km return at \$.45/km	\$592.20
J. Savard Travel from Bonfield, Ontario to Hotstone Property, for September 3, 2015, From Hotstone Property to Bonfield, Ontario September 12, 2015, 658 km one Way, 1316 km return at \$.45/km	\$592.20
D. Gibson and J. Savard daily travel from Minnow Lake to Hostone Property from September 4 th 2015 to September 11 th 2015 inclusive, 42km per day, 8 days, 336km total at \$.45/km	\$336.00
D. Gibson Prospecting Days and travel from Sept 3 to Sept 12 Incl. 10 Days at \$250/day	\$2500.00
J. Savard Prospecting Days and travel from Sept 3 to Sept 12 Incl. 10 Days at \$250/day	\$2500.00
Assays, 6 samples for gold performed by Accurassay of Thunder Bay	\$101.70
Subsistence for meals, propane, field supplies for September Hotstone Prospecting programs, \$50/day/man for 10days	\$1000.00
D. Gibson mapping and report writing, 2 days at \$750/day	<u>\$1500.00</u>
Total Expenditures for Hotstone Prospecting Program	\$10,616.10

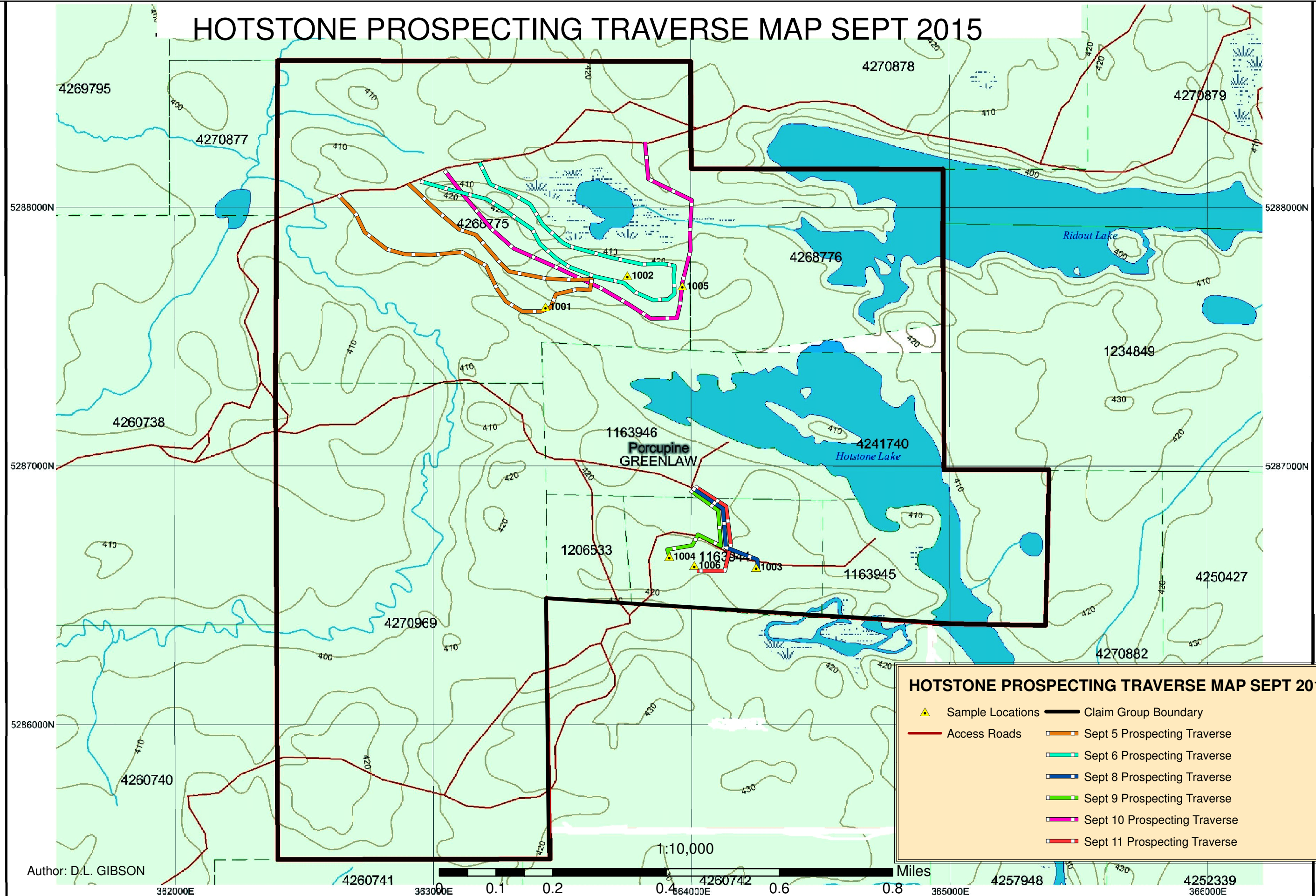
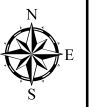
Rideout Lake Sediment Program

D. Gibson Travel from Manitoba Border to Bonfield, Ontario February 8-12, 2016, return March 12-15, 2016, 1660 km one way, 3320km return at \$.45/km	\$1494.00
D. Gibson Travel from Bonfield, Ontario to Hotstone Property, for February 29, 2016, From Hotstone Property to Bonfield, Ontario March 10-11, 2016, 658 km one Way, 1316 km return at \$.45/km	\$592.20
J. Savard Travel from Bonfield, Ontario to Hotstone Property, for February 29, 2016,, From Hotstone Property to Bonfield, Ontario March 10-11, 2016, 658 km one Way, 1316 km return at \$.45/km	\$592.20
D. Gibson Performing Lake Sediment sampling and grid Layout Days and travel from February 29, 2016 to March 12, 2016 Incl. 13 Days at \$250/day	\$3250.00
J. Savard Performing Lake Sediment sampling and grid Layout Days and travel from February 29, 2016 to March 12, 2016 Incl. 13 Days at \$250/day	\$3250.00
Assays, 42 samples for Base-metals suite performed by Accurassay of Thunder Bay	\$522.06
Subsistence for meals, propane, field supplies for September Hotstone Prospecting programs, \$50/day/man for 13days	\$1300.00
D. Gibson mapping and report writing, 3 days at \$750/day	<u>\$2250.00</u>
Total Expenditure for Rideout Lake Sediment Sampling	\$13,250.46
Total Expenditure for Hotstone Prospecting program	
And Rideout Lake Sediment Program	<u>\$23,866.56</u>

Appendix

- Hotstone Prospecting Traverse Map Sept 2015
- HOTSTONE CLAIM MAP APR 2016
- Google Map of Camp and Hotstone Property Locations
- Rideout Lake Sediment Layout Map March 2016
- Rideout Lake Sediment Grid Station Listing
- Rideout Lake Sediment Sampling Log Spreadsheet
- Rideout Lake Sediment Copper Contours
- Rideout Lake Sediment Cobalt Contours
- Rideout Lake Sediment Lead Contours
- Rideout Lake Sediment Nickel Contours
- Rideout Lake Sediment Zinc Contours
- Hotstone Prospecting Assay Certificate
- Rideout Lake Sediment Assay Certificate
- gibson 123819 assay invoice
- gibson 123844 assay invoice

HOTSTONE PROSPECTING TRAVERSE MAP SEPT 2015

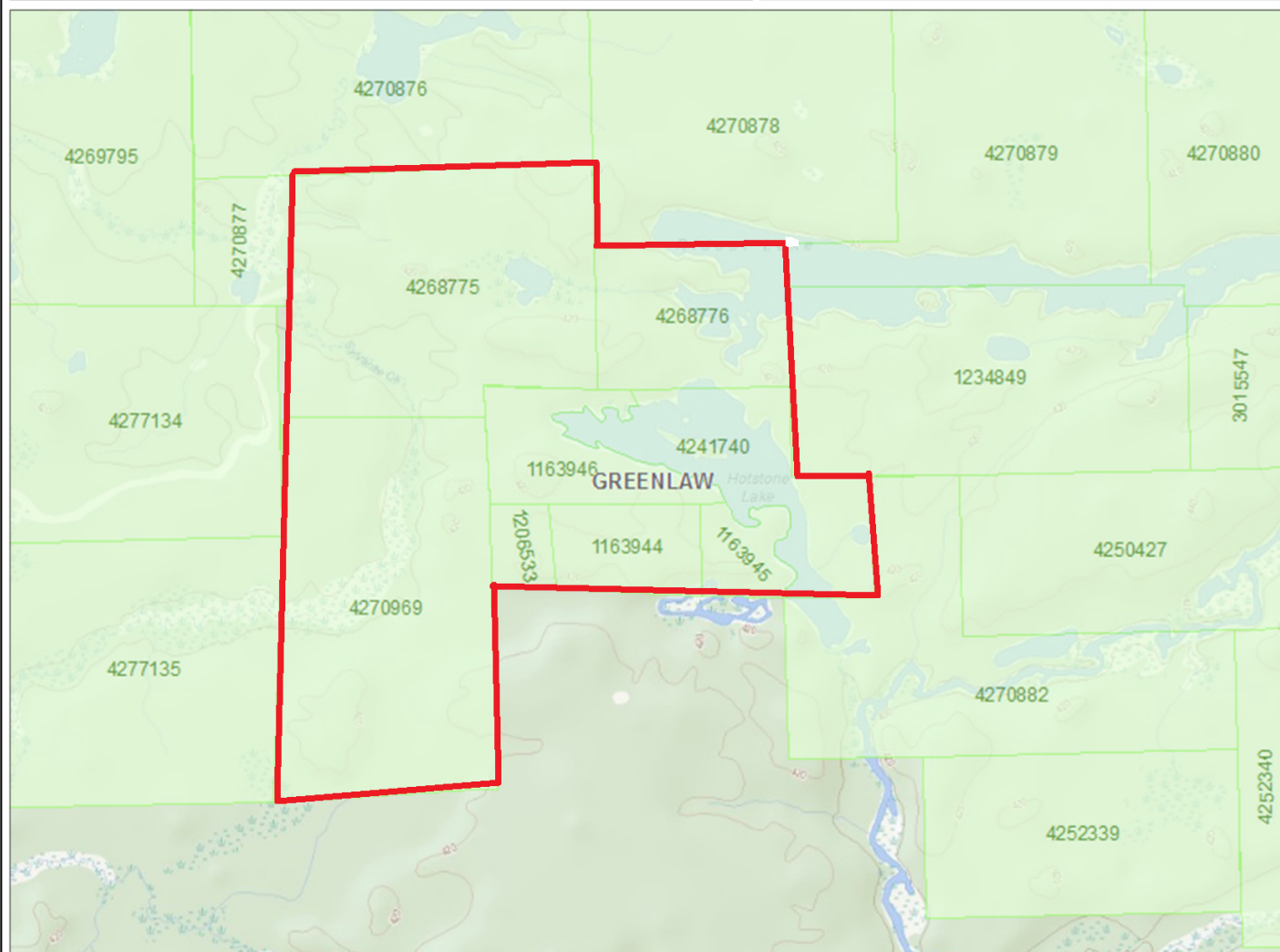


HOTSTONE PROSPECTING TRAVERSE MAP SEPT 2015

Sample Locations	Claim Group Boundary
Access Roads	Sept 5 Prospecting Traverse
	Sept 6 Prospecting Traverse
	Sept 8 Prospecting Traverse
	Sept 9 Prospecting Traverse
	Sept 10 Prospecting Traverse
	Sept 11 Prospecting Traverse

Author: D.L. GIBSON

UTM Zone 17
1000m grid



Legend

Administration Boundaries

- Mining Divisions
- Resident Geologist District
- Townships and Areas

Mineral Tenure Grid

- OMTG Tenure Grid

Alienations

- Withdrawal
- Notice

Unpatented Claim

- Active
- Pending

Disposition

- Disposition

Disposition Symbols

- Camp
- Disposition Unknown/Pending
- Freehold Patent Mining Rights Only
- Freehold Patent Surface Rights Only
- Freehold Patent Surface and Mining Rights
- Land Use Permit
- Leasehold Patent Mining Rights Only
- Leasehold Patent Surface Rights Only
- Leasehold Patent Surface and Mining Rights
- License of Occupation Mining Use Only
- License of Occupation Surface Use Only
- License of Occupation Surface and Mining Rights
- License of Occupation Uses Not Specified
- Order in Council
- Tower
- WPLA

Geology Layers

- AMIS Sites
- AMIS Features
- Drill Holes
- Mineral Occurrences

HOTSTONE PROPERTY CLAIM GROUP

0 1.5 km

Projection: Web Mercator



The Ontario Ministry of Northern Development and Mines shall not be liable in any way for the use of, or reliance upon, this map or any information on this map. This map should not be used for: navigation, a plan of survey, routes, nor locations.

© Queen's Printer for Ontario, 2016

Imagery Copyright Notices: Ontario Ministry of Natural Resources and Forestry; NASA Landsat Program; First Base Solutions Inc.; Aéro-Photo (1961) Inc.; DigitalGlobe Inc.; U.S. Geological Survey.

© Copyright for Ontario Parcel data is held by Queen's Printer for Ontario and its licensors and may not be reproduced without permission.





Ontario Geological Survey

GOOGLE EARTH OF SEPT. 2015 CAMP AND HOTSTONE PROPERTY LOCATION

Hotstone Gold Property

Kinogama

Kormak

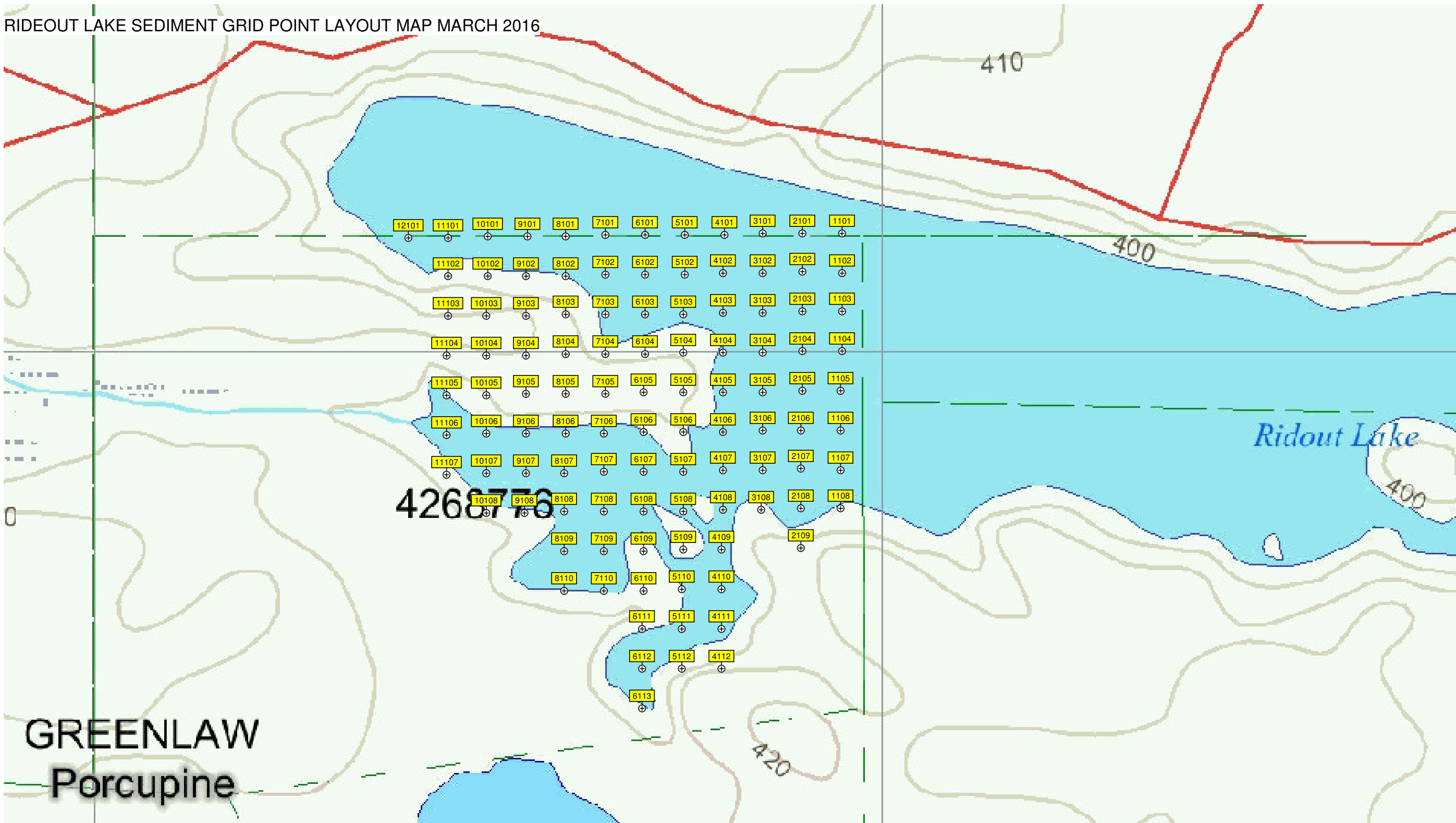
Camp at Minnow Lake

© 2016 Google

Image © 2016 DigitalGlobe

Google earth

Imagery Date: 9/7/2011 17 T 358269.49 m E 5282120.59 m N elev 424 m eye alt 21.12 km



Rideout Lake Sediment Grid Station Listing		
WGS 84, UTM Zone 17		
Station	Easting	Northing
1101	364950	5288150
1102	364949	5288100
1103	364949	5288050
1104	364949	5288000
1105	364948	5287950
1106	364948	5287900
1107	364948	5287850
1108	364947	5287800
2101	364900	5288150
2102	364899	5288100
2103	364899	5288050
2104	364899	5288000
2105	364898	5287950
2106	364898	5287900
2107	364898	5287850
2108	364897	5287800
2109	364897	5287750
3101	364850	5288149
3102	364849	5288099
3103	364849	5288049
3104	364849	5287999
3105	364848	5287949
3106	364848	5287899
3107	364848	5287849
3108	364847	5287799
4101	364800	5288148
4102	364799	5288098
4103	364799	5288048
4104	364799	5287998
4105	364798	5287948
4106	364798	5287898
4107	364798	5287848
4108	364797	5287798
4109	364797	5287748
4110	364797	5287698
4111	364797	5287648
4112	364796	5287598
5101	364749	5288148
5102	364749	5288098
5103	364749	5288048
5104	364749	5287998
5105	364748	5287948
5106	364748	5287898

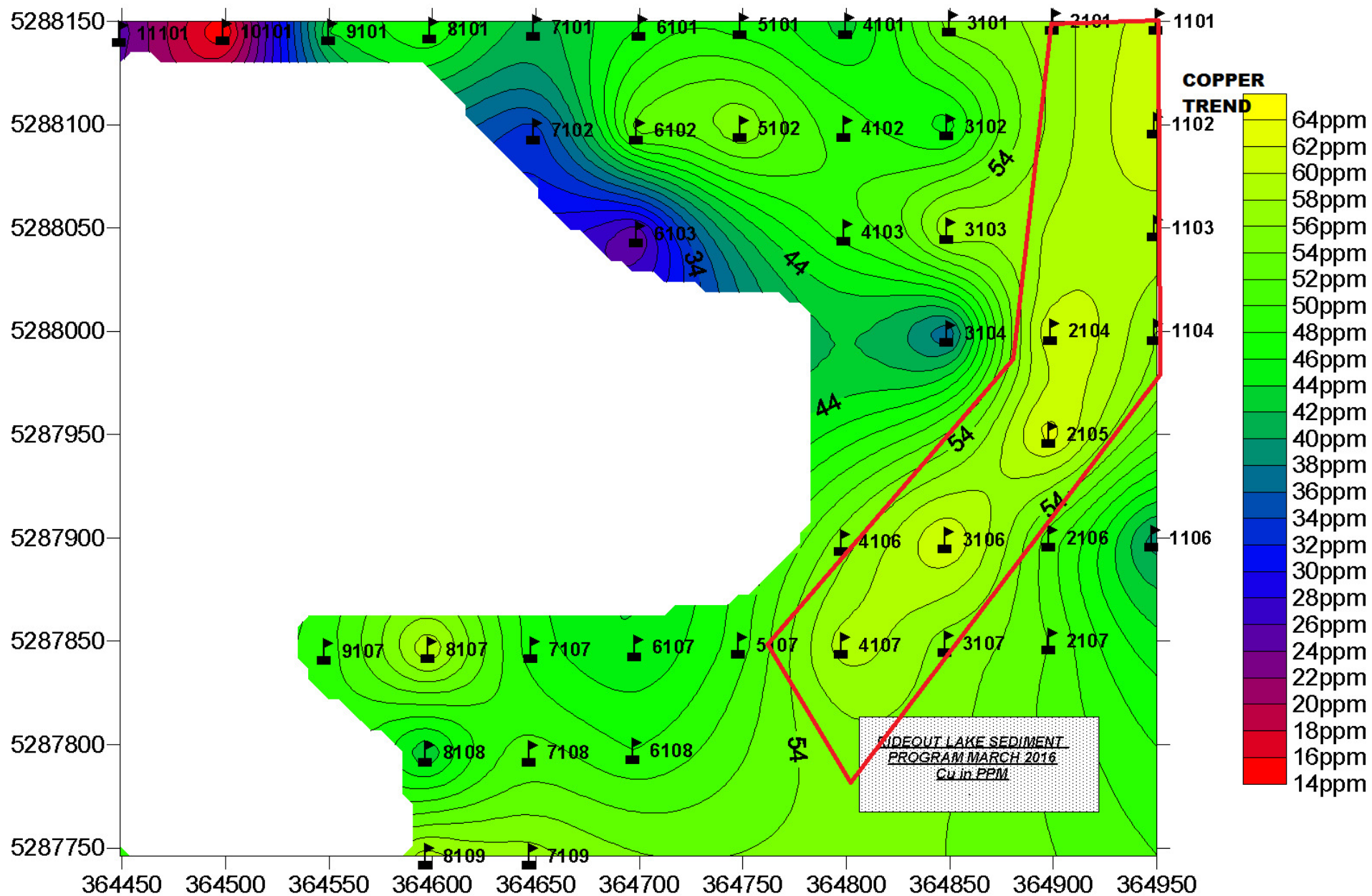
5107	364748	5287848
5108	364747	5287798
5109	364747	5287748
5110	364747	5287698
5111	364747	5287648
5112	364746	5287598
6101	364700	5288147
6102	364699	5288097
6103	364699	5288047
6104	364699	5287997
6105	364698	5287947
6106	364698	5287897
6107	364698	5287847
6108	364697	5287797
6109	364697	5287747
6110	364697	5287697
6111	364697	5287647
6112	364696	5287597
6113	364696	5287547
7101	364649	5288147
7102	364649	5288097
7103	364649	5288046
7104	364649	5287997
7105	364648	5287947
7106	364648	5287897
7107	364648	5287846
7108	364647	5287796
7109	364647	5287746
7110	364647	5287696
8101	364599	5288146
8102	364599	5288096
8103	364599	5288046
8104	364599	5287996
8105	364598	5287946
8106	364598	5287896
8107	364598	5287846
8108	364597	5287796
8109	364597	5287746
8110	364597	5287696
9101	364550	5288145
9102	364549	5288095
9103	364549	5288045
9104	364549	5287995
9105	364548	5287945
9106	364548	5287895
9107	364548	5287845
9108	364547	5287795

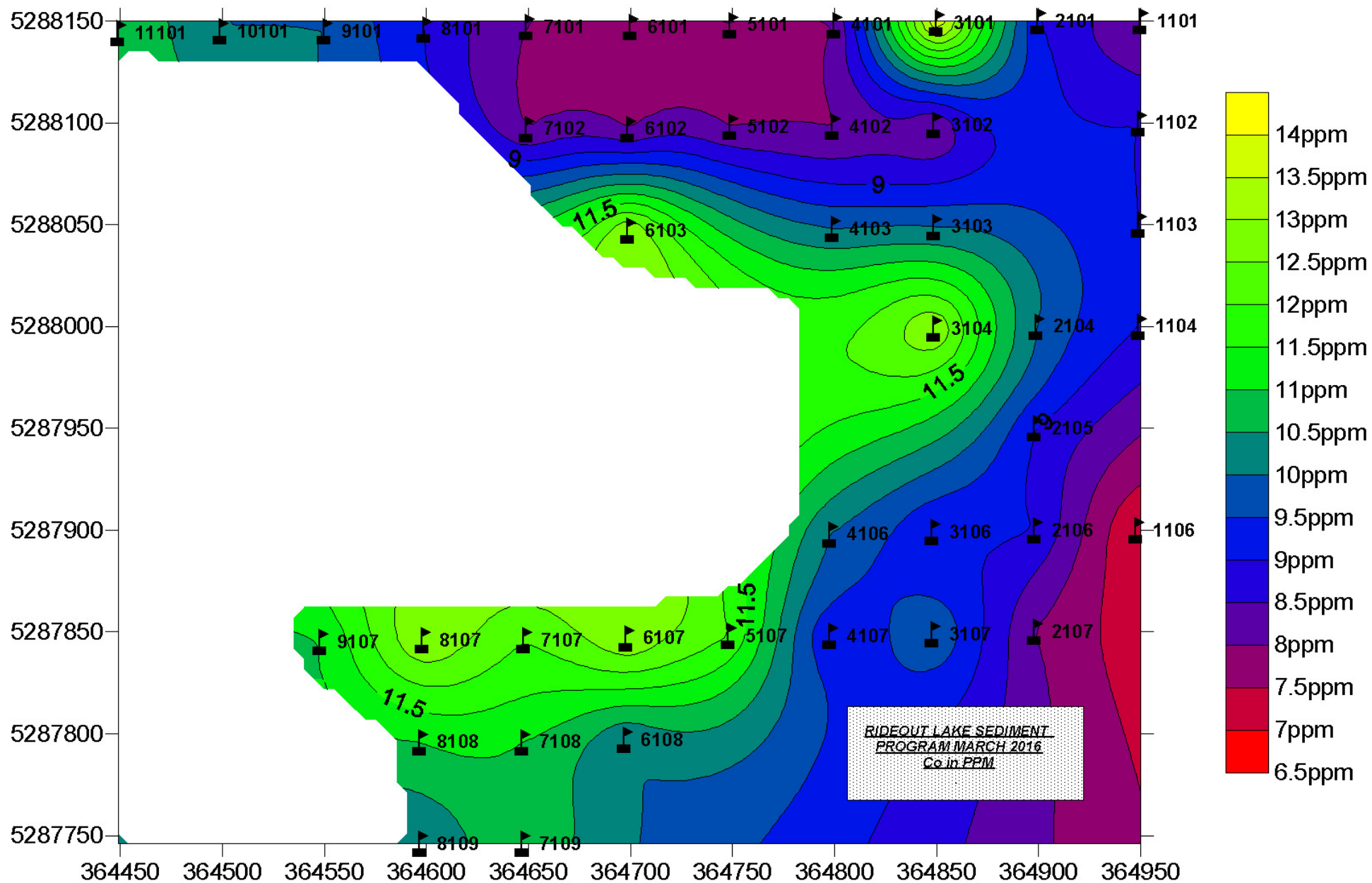
10101	364499	5288145
10102	364499	5288095
10103	364499	5288045
10104	364499	5287995
10105	364498	5287945
10106	364498	5287895
10107	364498	5287845
10108	364497	5287795
11101	364449	5288144
11102	364449	5288094
11103	364449	5288044
11104	364449	5287994
11105	364448	5287944
11106	364448	5287894
11107	364448	5287844
12101	364399	5288144

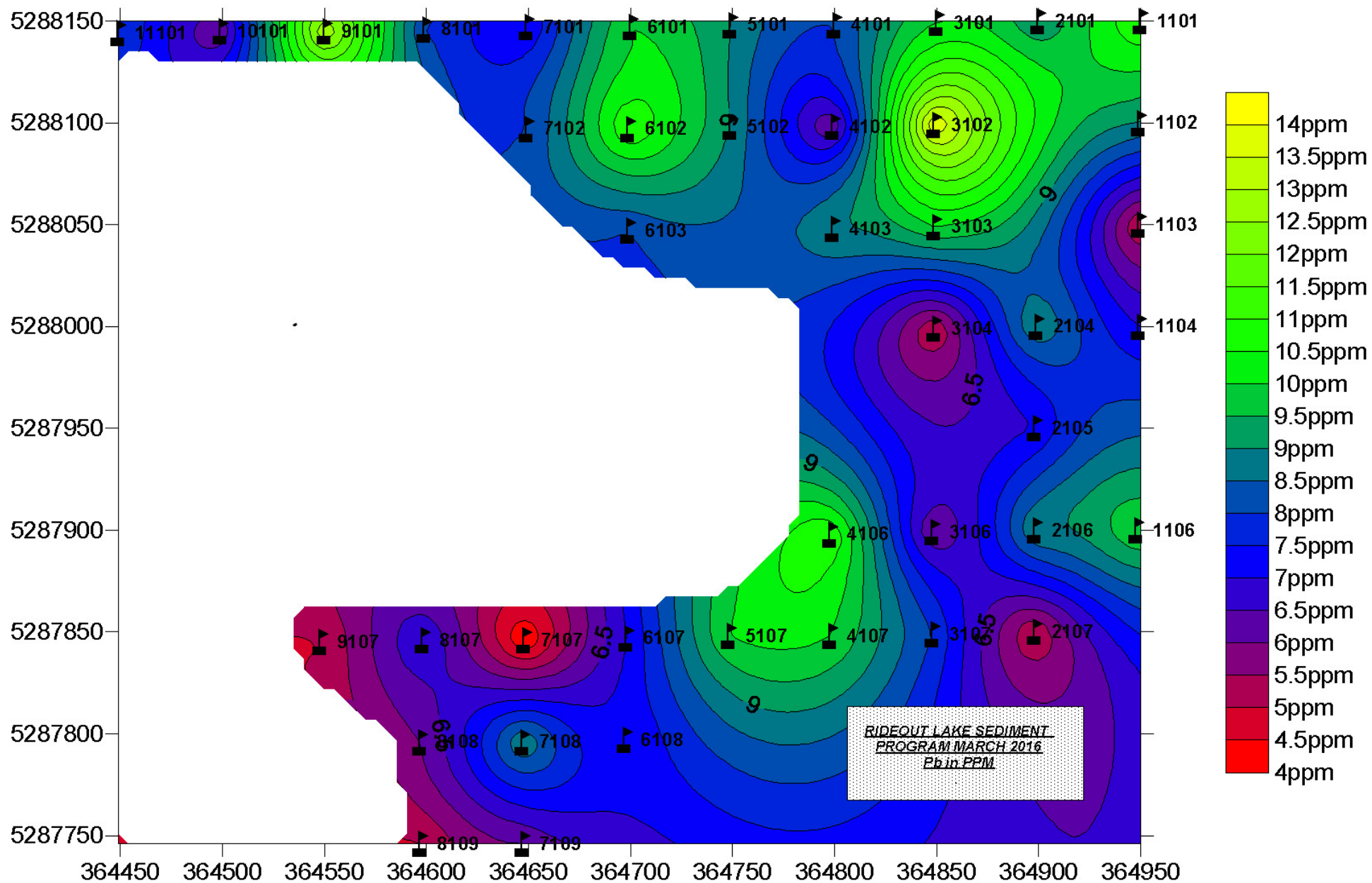
Rideout Lake Sediment Sampling Log Spreadsheet

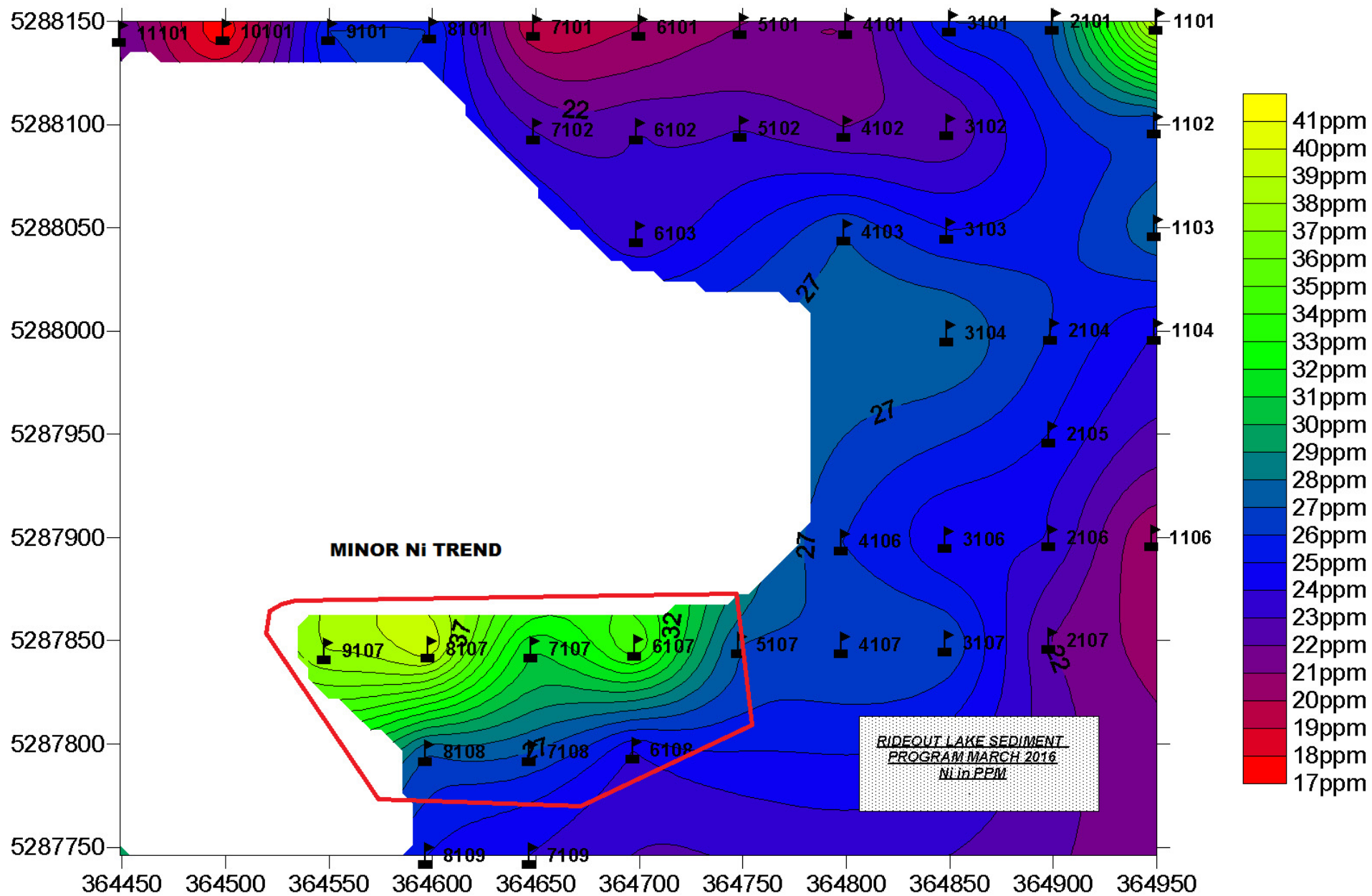
Station	Depth (m)	Description
1101	6	Dark Brwn. Silt
1102	9	Black Fine Silt
1103	8	Black Fine Silt
1104	13	Black Fine Silt
1105	12	No Sample Hard Bttm.
1106	13	Black Fine Silt
1107	18	No Sample Hard Bttm.
2101	6	Dark Brwn. Silt
2102	8	No Sample Hard Bttm.
2103	9	No Sample Hard Bttm.
2104	8	Black Fine Silt
2105	10	Black Fine Silt
2106	11	Black Fine Silt
2107	11	Black Fine Silt
2108	2	No Sample Hard Bttm.
3101	10	Black Fine Silt
3102	12	Black Fine Silt
3103	7	Brwn. Silt with Fine Grey Clay
3104	8	Brwn. Silt with Fine Grey Clay
3105	4	No Sample Hard Bttm.
3106	8	Black Fine Silt
3107	12	Black Fine Silt
4101	9	Dark Brwn. Silt
4102	8	Dark Brwn. Silt
4103	6	Black Fine Silt
4104	1	No Sample Hard Bttm.
4105	1	No Sample Hard Bttm.
4106	7	Dark Brwn. Silt
4107	5	Dark Brwn. Silt
4108	1	No Sample Hard Bttm.
4109	1	Weeds Loose Organic Bttm. No Sample
4110	1	Weeds Loose Organic Bttm. No Sample
4111	1	Weeds Loose Organic Bttm. No Sample
5101	13	Dark Brwn. Silt
5102	10	Dark Brwn. Silt
5103	1	No Sample Hard Bttm.
5107	3	Black Fine Silt
6101	10	Dark Brwn. Silt
6102	8	Dark Brwn. Silt
6103	4	Dark Brwn. Silt
6107	3	Grey Clay Fine Sand
6108	3	Dark Brwn. Silt
7101	9	Dark Brwn. Silt

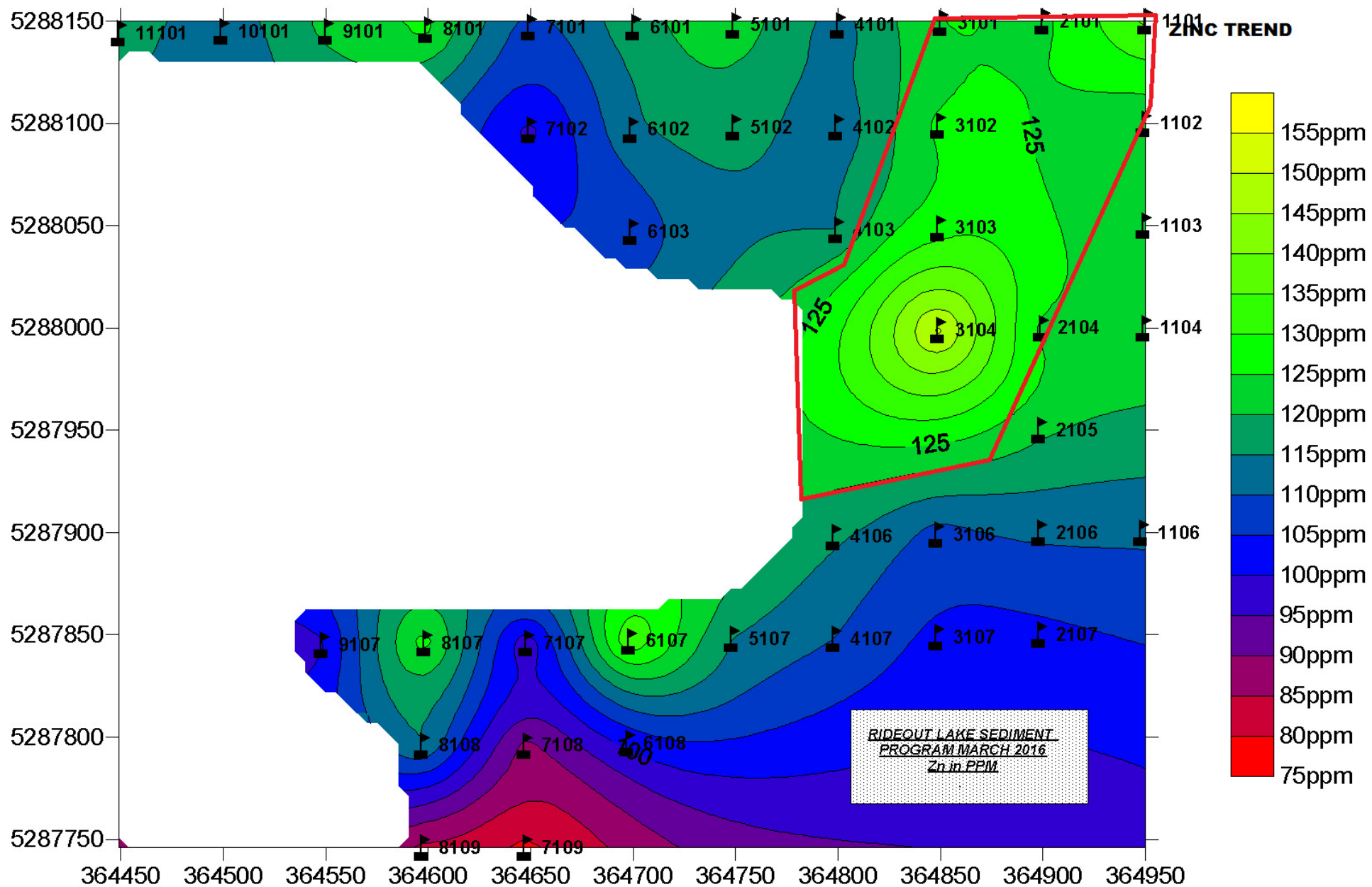
7102	9	Dark Brwn. Silt
7103	1	No Sample Hard Bttm.
7106	1	No Sample Hard Bttm.
7107	2	Dark Brwn. Silt
7108	3	Dark Brwn. Silt
7109	2	Dark Brwn. Silt
8101	6	Dark Brwn. Silt
8107	2	Dark Brwn. Silt
8108	3	Dark Brwn. Silt
8109	3	Dark Brwn. Silt
9101	5	Black Fine Silt
9106	1	No Sample Hard Bttm.
9107	2	Dark Brwn. Silt
10101	5	Drk Brn Clay and Sand
10106	1	Weeds Loose Organic Bttm. No Sample
10107	1	Weeds Loose Organic Bttm. No Sample
11101	4	Drk Brn Clay and Sand
11105	1	Weeds Loose Organic Bttm. No Sample
11106	1	Weeds Loose Organic Bttm. No Sample
12101	1	Sand, Hard Bttm. No Sample











Wednesday, March 16, 2016

Final Certificate

Gibson & Associates
258 Mount Douglas Circle SE
Calgary, AB, CAN
T2Z3N9
Email: dl Gibson5150@gmail.com

Date Received: 03/10/2016
Date Completed: 03/16/2016
Job #: 201640492
Reference:
Sample #: 6

Acc #	Client ID	Au g/t (ppm)
50546	1001	<0.005
50547	1002	<0.005
50548	1003	<0.005
50549	1004	<0.005
50550	1005	<0.005
50551	1006	0.010
50552	1006 Dup	0.009

APPLIED SCOPES: ALP1, ALFA1

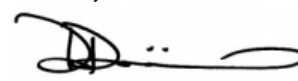
Validated By:


Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:


Andrew Oleski
Lab Manager - Thunder Bay

Authorized By:


Derek Demianiuk, VP Quality**The results included on this report relate only to the items tested.****The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.**

Wednesday, March 16, 2016

Final Certificate

Gibson & Associates
258 Mount Douglas Circle SE
Calgary, AB, CAN
T2Z3N9
Email: dl Gibson5150@gmail.com

Date Received: 03/10/2016
Date Completed: 03/16/2016
Job #: 201640492
Reference:
Sample #: 6

Control Standards

QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
---------	---------	----------------------	------------	---------------

APPLIED SCOPES: ALP1, ALFA1


Validated By:


Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:


Andrew Oleski
Lab Manager - Thunder Bay

Authorized By:


Derek Demianiuk, VP Quality**The results included on this report relate only to the items tested.****The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.**

Thursday, March 31, 2016

Final Certificate

 Gibson & Associates
 258 Mount Douglas Circle SE
 Calgary, AB, CAN
 T2Z3N9
 Email: dgibson5150@gmail.com

 Date Received: 03/10/2016
 Date Completed: 03/31/2016
 Job #: 201640491
 Reference:
 Sample #: 42

Acc #	Client ID	Ag ppm	Co ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
50500	1101	<0.5	8	61	40	11	136
50501	1102	<0.5	9	62	26	9	121
50502	1103	<0.5	9	59	28	5	121
50503	1104	<0.5	9	56	24	7	125
50504	1106	<0.5	7	39	20	10	111
50505	2101	<0.5	9	57	27	9	124
50506	2104	<0.5	10	62	26	9	124
50507	2105	<0.5	9	63	25	7	121
50508	2106	<0.5	9	51	24	9	111
50509	2107	<0.5	8	52	22	5	104
50510	2107 Dup	<0.5	7	54	22	9	112
50511	3101	<0.5	14	55	26	10	125
50512	3102	<0.5	8	45	22	14	126
50513	3103	<0.5	10	58	25	10	128
50514	3104	<0.5	13	36	28	5	151
50515	3106	<0.5	9	62	24	6	108
50516	3107	<0.5	10	55	27	8	104
50517	4101	<0.5	8	43	21	8	113
50518	4102	<0.5	8	49	22	6	112
50519	4103	<0.5	10	49	27	9	115
50520	4106	<0.5	10	55	26	11	116
50521	4106 Dup	<0.5	11	56	27	7	122
50522	4107	<0.5	9	59	27	10	110
50523	5101	<0.5	8	47	21	9	123
50524	5102	<0.5	8	56	23	9	118

APPLIED SCOPES: ALP1, ALAgAR1, ALCoAR1, ALCuAR1, ALNiAR1, ALZnAR1, ALPbAR1

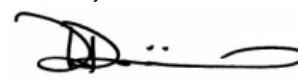
Validated By:


 Jesse Deschutter
 Assistant Manager - Thunder Bay

Certified By:


 Andrew Oleski
 Lab Manager - Thunder Bay

Authorized By:


 Derek Demianiuk, VP Quality

The results included on this report relate only to the items tested.

The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

Thursday, March 31, 2016

Final Certificate


 Gibson & Associates
 258 Mount Douglas Circle SE
 Calgary, AB, CAN
 T2Z3N9
 Email: dgibson5150@gmail.com

 Date Received: 03/10/2016
 Date Completed: 03/31/2016
 Job #: 201640491
 Reference:
 Sample #: 42

Acc #	Client ID	Ag ppm	Co ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
50525	5107	<0.5	12	49	27	10	115
50526	6101	<0.5	8	46	20	10	118
50527	6102	<0.5	8	53	23	11	114
50528	6103	<0.5	13	24	23	8	107
50529	6107	<0.5	13	44	35	7	134
50530	6108	<0.5	10	48	24	7	101
50531	7101	<0.5	8	41	19	7	108
50532	7101 Dup	<0.5	8	43	21	10	117
50533	7102	<0.5	8	33	23	8	99
50534	7107	<0.5	12	47	31	4	97
50535	7108	<0.5	11	51	27	9	89
50536	7109	<0.5	11	57	24	6	79
50537	8101	<0.5	9	48	26	8	126
50538	8107	<0.5	13	60	40	7	127
50539	8108	<0.5	11	42	27	6	115
50540	8109	<0.5	10	59	25	5	84
50541	9101	<0.5	10	44	26	13	121
50542	9107	<0.5	11	49	38	5	99
50543	9107 Dup	<0.5	11	48	33	7	90
50544	10101	<0.5	10	14	17	6	111
50545	11101	<0.5	11	25	22	8	118

APPLIED SCOPES: ALP1, ALAgAR1, ALCoAR1, ALCuAR1, ALNiAR1, ALZnAR1, ALPbAR1

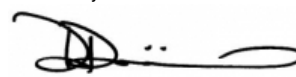
Validated By:


 Jesse Deschutter
 Assistant Manager - Thunder Bay

Certified By:


 Andrew Oleski
 Lab Manager - Thunder Bay

Authorized By:


 Derek Demianiuk, VP Quality

The results included on this report relate only to the items tested.

The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

Thursday, March 31, 2016

Final Certificate

 Gibson & Associates
 258 Mount Douglas Circle SE
 Calgary, AB, CAN
 T2Z3N9
 Email: dlgibson5150@gmail.com


 Date Received: 03/10/2016
 Date Completed: 03/31/2016
 Job #: 201640491
 Reference:
 Sample #: 42

Control Standards

QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
ABLK	Ag	<0.005	<0.005	1
A600	Ag	27	<0.005	<0.005
A601	Ag	55	<0.005	<0.005
ABLK	Co	<0.005	<0.005	<0.005
ABLK	Cu	3	<0.005	10
ABLK	Ni	<0.005	<0.005	<0.005
ABLK	Pb	<0.005	<0.005	<0.005
ABLK	Zn	<0.005	<0.005	<0.005
A600	Co	6	7	1
A600	Cu	470	488	19
A600	Ni	15	15	2
A600	Pb	153	157	5
A600	Zn	574	598	35
A601	Co	3	5	<0.005
A601	Cu	1006	1010	30
A601	Ni	25	24	3
A601	Pb	288	283	10
A601	Zn	1249	1293	79

APPLIED SCOPES: ALP1, ALAgAR1, ALCoAR1, ALCuAR1, ALNiAR1, ALZnAR1, ALPbAR1

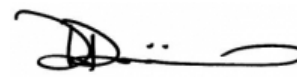
Validated By:


 Jesse Deschutter
 Assistant Manager - Thunder Bay

Certified By:


 Andrew Oleski
 Lab Manager - Thunder Bay

Authorized By:


 Derek Demianiuk, VP Quality

The results included on this report relate only to the items tested.

The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.