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Report to:

## **BTU METALS CORP.**

### 2019 Prospecting Campaign on the Dixie Halo South Property

Ontario, CANADA

Effective Date: September 01, 2019

***Prepared by:***

*Mark Hall, P.Geo.*

*Case Lewis, P.Geo.*

*Jamal Amin*

*Mark Porasz*

## **1. INTRODUCTION**

The Halo project area is highly prospective for gold mineralization. Unfortunately, there is a paucity of outcrop due to extensive glacial cover. As a first pass examination of the property, a prospecting exercise was undertaken to locate outcrop, search for mineralization, do a cursory examination/map of the geology, and if warranted take samples for examination and analysis. Sites for possible outcrop were prioritized based on review of topography, aerial imagery, and on property observations. Prospecting located outcrops and mineralization not previously recognized and added significantly to the existing data base.

## **2. WORK CARRIED OUT**

Detailed sampling, prospecting and mapping was carried out on the property in April-June 2019.

During the April-June 2019 prospecting and mapping campaign, 41 samples from recorded locations were sent for assay.

All samples were sent to SGS Canada, red lake and SGS Canada, Vancouver (as per certificates in appendix). Results are discussed in interpretation and conclusions below.

All samples were taken from in situ outcrops unless otherwise noted. Samples were taken using a rock hammer and pick.

## **3. PROSPECTORS**

Cecil Johnson

Tom Beckler

Donny McKinnon

Supervision: Doug Hunter PGO.

#### 4. PROPERTY DESCRIPTION AND LOCATION

The Dixie Halo South Property is located in the Red Lake Mining Camp of northwestern Ontario and is centred at coordinates 456,000 mE and 5,629,000 mN, UTM Zone 15N. The site appears on NTS map sheet 52K/13. The Property is comprised of 318 unpatented mining claims located in the Red Lake Area of Ontario, Canada, covering 6196.56 hectares in a single contiguous block. Claim renewal anniversaries range from October 28, 2019 through April 11, 2020. All claims are currently held by LARRY KENNETH HERBERT (100%).

BTU has unrestricted access to the claims to perform exploration work or any other works required to investigate the land. In order to maintain the claims, \$120,600 worth of work must be applied to the Property between October 28, 2019 and April 11, 2020. There is currently \$58,471 reserve on the Property which can be applied to annual work requirements.

Property location is shown in Figures 4.1 and 6.1 below.

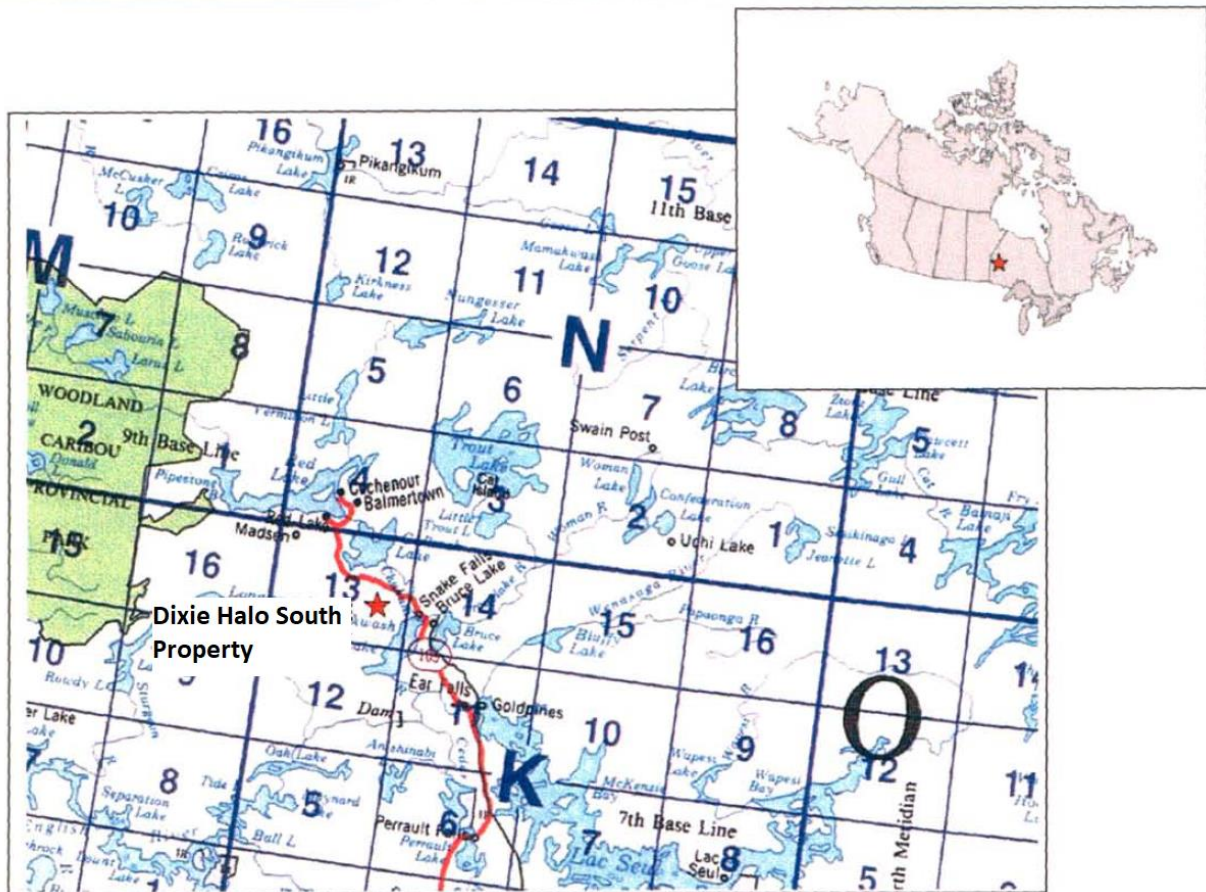


Figure 4.1 Property Location Map

## 5. PROPERTY TABLE

Tenure Number	Issue Date	Anniversary	Total Reserve (\$)	Work Requirement (\$)
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101256	4/10/2018	2020-03-29	0	400
101296	4/10/2018	2019-12-18	0	400
101722	4/10/2018	2019-12-18	0	400
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101724	4/10/2018	2019-12-18	0	400
101733	4/10/2018	2020-03-23	0	200
101734	4/10/2018	2019-12-18	0	200
101735	4/10/2018	2019-12-18	0	400
101894	4/10/2018	2019-11-10	0	400
102061	4/10/2018	2019-12-18	0	400
102140	4/10/2018	2020-03-21	0	400
102141	4/10/2018	2020-02-11	0	400
102142	4/10/2018	2020-03-21	0	400
102583	4/10/2018	2020-02-11	0	400
102589	4/10/2018	2019-12-18	0	400
102595	4/10/2018	2020-03-23	0	400
114300	4/10/2018	2020-03-23	0	400
114458	4/10/2018	2020-07-17	0	400
114996	4/10/2018	2020-03-26	0	400
116068	4/10/2018	2019-12-18	0	400
116069	4/10/2018	2019-12-18	0	400
116355	4/10/2018	2020-02-11	0	400
116829	4/10/2018	2020-03-23	0	200
116830	4/10/2018	2020-02-11	0	200
117051	4/10/2018	2020-03-29	0	400
117052	4/10/2018	2020-03-29	0	400
117053	4/10/2018	2020-03-29	0	400
117144	4/10/2018	2019-12-15	0	400
117207	4/10/2018	2019-11-10	0	400
117208	4/10/2018	2019-11-10	0	400
117209	4/10/2018	2019-11-10	0	400
117738	4/10/2018	10/18/2019	0	200
117786	4/10/2018	2019-12-18	0	400
117813	4/10/2018	10/18/2019	0	200
117816	4/10/2018	2020-03-29	0	400
117874	4/10/2018	2020-03-21	0	400
117875	4/10/2018	2020-03-21	0	400
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122382	4/10/2018	2019-12-18	0	400
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122414	4/10/2018	2020-02-11	0	400
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123770	4/10/2018	2020-03-29	0	400
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144683	4/10/2018	2020-03-26	0	400
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152281	4/10/2018	10/18/2019	0	400
152310	4/10/2018	2020-02-11	0	400
152926	4/10/2018	2020-03-21	0	400
154364	4/10/2018	2020-03-21	0	400
154365	4/11/2018	2020-07-17	0	400
157525	4/10/2018	2020-03-29	0	400
157526	4/10/2018	2020-03-29	0	400
158140	4/10/2018	2019-11-10	0	400
158141	4/10/2018	2019-11-10	0	400
158142	4/10/2018	2019-11-10	0	400
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167640	4/10/2018	2020-02-11	0	400
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270874	4/10/2018	2019-12-18	0	400
271146	4/10/2018	2020-03-23	0	200
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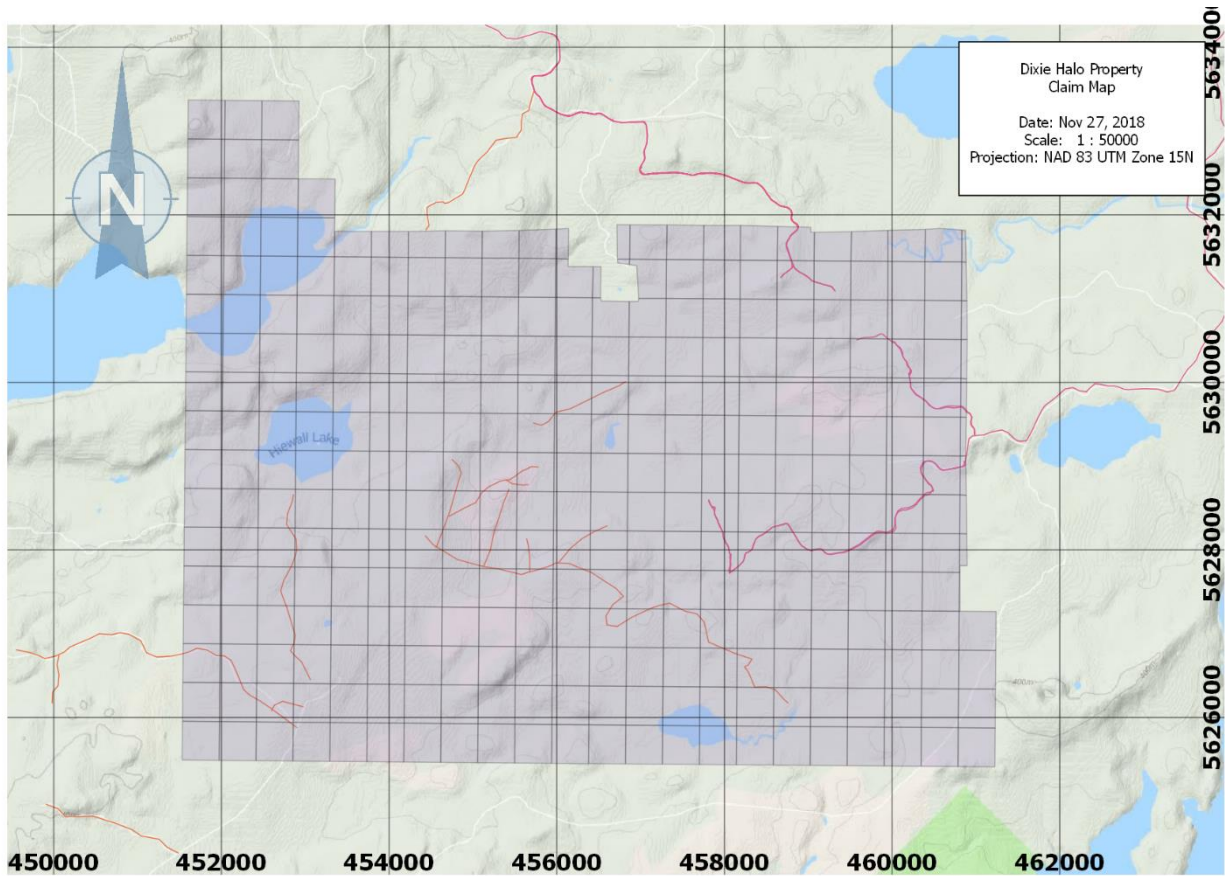
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297654	4/10/2018	2019-12-15	0	400
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299989	4/11/2018	2020-07-17	0	400
309928	4/10/2018	2020-03-23	0	200
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343333	4/10/2018	2019-12-18	0	400
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343947	4/10/2018	2020-03-21	0	400
343969	4/10/2018	2020-03-21	0	400
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513578	4/10/2018	2020-04-10	0	400
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513581	4/10/2018	2020-04-10	0	400
513745	4/10/2018	2020-04-11	0	400
513746	4/10/2018	2020-04-11	0	400
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514304	4/10/2018	2020-04-11	0	400
514305	4/10/2018	2020-04-11	0	400
514306	4/10/2018	2020-04-11	0	400
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514311	4/10/2018	2020-04-11	0	400
514312	4/10/2018	2020-04-11	0	400

## **6. ACCESSIBILITY**

The Property can be reached by vehicle, year-round, from the town of Red Lake, Ontario, by travelling 17 kilometres south along highway ON-105 to Dixie Lake Road, which encircles the Property, providing access at various points along its total length of 50 kilometres. Additional access to the northern part of the property can be achieved from an active logging road 26 kilometres south along Highway ON-105 from Red Lake.



**Figure 6.1 Claim Area.**

**Table 6.1 and Table 6.2.**

During the April-June 2019 survey, 41 samples from recorded locations were sent for assay.

All samples were sent to SGS Minerals, Red Lake. Results are discussed in interpretation and conclusions below.

**Table 6.1. Sample Locations (2019 survey)**

Sample ID	Easting	Northing	Elev	Lithology	Summary
S124205	452815	5627791	388	Mafic metavolcanic	Gossan sample in contact with pyroclastics;
S124206	460376	5629724	370	Mafic metavolcanic	Qtz vein with host; ankerite alteration
S124207	455835	5629417	354	Pillow basalt	Gossan sample with 1-2% py stringers; heavily sh; sh. 238;
S124208	452793	5627811	389	Mafic metaolcanic	Gossan sample; float near trench; 1-2% disseminated py, trace po
S124209	452776	5627803	386	Mafic metavolcanic	Gossan sample; proximal to QV striking 220; sh. 220
S124210	452470	5627795	392	Mafic metavolcanic	Gossan sample; sh. proximal to qtz vein; contains brownish-red garnets and disseminated trace py; near historic Au trenches
S124211	452672	5627786	392	Mafic metavolcanic	Strongly magnetic; hematite alteration?; 1% py
S124212	452660	5627803	395	Mafic metavolcanic	Gossan sample; heavily chloritized with 2-3% py stringers; trace asp?, vfg.; strongly magnetic
S124213	452643	5627784	393	Mafic metavolcanic	Gossan sample; same as S124212; 2% py and heavily sheared (not obtainable); strongly magnetic
S124214	452737	5628075	380	Mafic metavolcanic	Gossan sample; trace py near historic positive Au assay; sh. 238 with bull qtz vein
S124215	452750	5628075	378	Mafic metavolcanic	Qtz vein with host; lacking suflide and non-magnetic; heavily chloritized bst
S124216	452330	5629777	387	Felsic metavolcanic	Qtz vein with host; banded green and white volcanics; in sh. zone striking 250; associated ankerite;
S124217	452357	5629854	381	Mafic metavolcanic	Qtz vein with host; sh. 265 with trace py and cpy; near historic positive Au assay
S124218	452355	5629776	374	Mafic metavolcanic	Gossan sample; sh. 270; 1-2% py stringers; silicified basalt near historic targets
S124219	452337	5629768	381	Mafic intrusive	Heavily chloritized; cut by qtz stringers; 1%
S124220	452332	5629765	380	Mafic intrusive	Qtz vein cutting fine-grained mafic intrusive; finer-grained than S124219
S124221	452316	5629702	378	Mafic metavolcanic	Qtz pocket in host; trace py and cpy; strongly sheared; sh. 260; perpendicular jointing to shear
S124222	452299	5629677	383	Intermediate metavolcanic	Qtz eyes in host; foliated amphibole and silicified; 1% py
S124223	467300	5632805	371	Mafic metavolcanic	Silicified bst with 1-2% py and trace cpy; slightly foliated; high silica
S124224	454553	5629950	374	Mafic metavolcanic	Qtz vein in sh. zone; sh. 225; disseminated 1% sulfide; gossanous host; carbonatized

S124225	453743	5629584	367	Mafic intrusive	Mg. mafic intrusive with trace py; elongate and platy foliated biotite; slightly silicified
S124226	454782	5630018	363	Mafic metavolcanic	Qtz vein in sh. zone; pinch and swell; sh. 230; associated ankerite; lacking sulfide
S124227	454791	5630134	367	Mafic metavolcanic	Rusty metavolcanic in sh. zone; sh. 260; trace py
S124228	454789	5630122	369	Mafic metavolcanic	Qtz vein cutting sh. obliquely; 1% py with rusty surface weathering; associated ankerite
S124229	454821	5631651	384	Mafic metavolcanic	Qtz vein with host; rusty surface weathering but appears unmineralized; sh. 250
S124230	454744	5631504	382	Mafic metavolcanic	Gossan sample; qtz stringers cutting host with 1-2% disseminated py; highly silicified; vfg. silicified bst
S124231	454738	5631499	382	Mafic metavolcanic	Gossan sample; 2-3% py with trace asp; weakly magnetic in places; highly silicified; vfg. silicified bst
S124232	454736	5631500	386	Mafic metavolcanic	Dup. sample of S124231
S124233	454769	5631452	388	Mafic intrusive	Pyroxenite? with 2-3% py stringers in contact with IF; fg. and magnetic - visible magnetite mineralization
S124234	454766	5631455	388	Iron formation	Gossan sample of iron formation? with 3-5% py stringers in contact with S124233; striking N-S; possible asp (silver sulfide);
S124235	454734	5631514	387	Mafic metavolcanic	Gossan sample of silicified bst with 2-3% py; vfg. cut by qtz-cbn stockwork veining; ankerite associated
S124236	454768	5631489	385	Mafic metavolcanic	Gossan sample; 2-3% py; heavily sh. (unobtainable); highly silicified and cut by qtz-crb stringers with associated ankerite;
S124237	454762	5631469	377	Unknown	Gossan sample; highly weathered down/differential weathering compared to mafic metavolcanic wall rock running 170 (possibly dike or sill?); 2-3% disseminated py; greyish-beige qtz-cbn alteration; highly silicified
S124238	454783	5631492	376	Mafic metavolcanic	Highly gossanous sample; qtz stockwork veining cutting highly silicified bst; 2-5% py with trace asp? dissemination; appears banded in some areas (possibly in contact with IF); non-magnetic with brownish-red ankerite; strong sulfur smell
S124239	454783	5631491	382	Unknown	2-5% py and asp? dissemination; highly silicified
S124240	454762	5631520	378	Mafic metavolcanic	Gossan sample; highly silicified bst; qtz-cbn stockwork cutting original host; 2-3% disseminated py;

S124241	454893	5631613	384	Mafic metavolcanic	Gossan sample; heavily silicified bst; qtz-cbn stockwork cutting original host; 2-3% py and asp?;
S124242	454763	5631519	386	Mafic metavolcanic	Highly silicified bst with spider-web qtz-cbn stock; 2-3% py and asp? with trace po and cpy; violet-grey cbn veins and reddish-brown ankerite
S124243	454715	5631646	387	Mafic metavolcanic	Gossan sample; 063 foliation and almost vertical dip; amphibole and 2-3% py mineralization; strongly magnetic with slight sh.
S124244	454806	5631543	385	Mafic metavolcanic	Highly silicified bst with qtz-cbn stockwork veining; 1-2% py along microfractures; heavily oxidized with vfg. disseminated sulfides surrounding qtz-ank veins; larger 2-3 cm qtz-cbn veining; "Gossan Hole"
S124245	454783	5631491	382	Unknown	2-5% py and asp? dissemination; highly silicified - duplicate sample of S124239



**Table 6.2. Sample Assays (2019 survey)**

Sample ID	Au (ppm)	As (ppm)	Co (ppm)	Cu (ppm)	Fe (%)	Ni (ppm)	V (ppm)	Zn (ppm)
S124205	0.03	<3	172	607	>15	186	53	101
S124206	<0.005	<3	31	101	6.39	70	149	66
S124207	<0.005	9	31	135	6.89	111	184	70
S124208	<0.005	11	4	141	8.85	71	280	70
S124209	<0.005	6	13	424	>15	32	214	107
S124210	0.007	5	<1	96.6	>15	57	228	96
S124211	0.051	<3	<1	230	>15	28	47	145
S124212	0.023	<3	27	257	>15	54	93	192
S124213	0.016	5	<1	105	>15	26	32	135
S124214	<0.005	4	18	125	>15	59	282	180
S124215	<0.005	<3	3	34.8	0.61	11	7	3
S124216	<0.005	<3	19	119	2.61	26	52	16
S124217	<0.005	<3	15	81.7	2.3	37	37	19
S124218	<0.005	<3	22	217	4.62	30	74	234
S124219	<0.005	6	53	134	9.54	167	220	91
S124220	<0.005	<3	4	8.9	1.02	11	17	8
S124221	<0.005	<3	36	25	7.51	51	242	79
S124222	<0.005	4	28	2.6	6.19	55	198	81
S124223	<0.005	6	13	27	4.01	67	112	54
S124224	<0.005	4	7	27.7	1.84	17	46	15
S124225	<0.005	4	22	19.6	11.6	85	256	61
S124226	<0.005	7	9	336	2.17	30	45	14
S124227	<0.005	<3	45	18	8.59	276	227	91
S124228	<0.005	<3	5	23.5	1.33	11	22	14
S124229	<0.005	11	62	194	10.1	164	259	109
S124230	<0.005	13	61	298	10.5	122	243	110
S124231	<0.005	6	56	295	9.37	106	216	102
S124232	<0.005	<3	57	318	10.9	108	208	104
S124233	<0.005	17	31	113	>15	46	264	101
S124234	<0.005	14	159	267	13.4	46	313	212
S124235	<0.005	9	63	517	13	137	239	97
S124236	<0.005	4	56	295	11.7	116	242	106
S124237	<0.005	7	59	257	8.09	113	229	98
S124238	0.006	66	9	101	5.84	15	56	116
S124239	<0.005	14	21	136	7.12	33	226	531
S124240	<0.005	10	58	350	13.5	99	221	101
S124241	<0.005	6	59	341	10.6	102	223	81
S124242	<0.005	7	56	296	10.6	112	243	97
S124243	<0.005	<3	11	144	8.45	31	54	269
S124244	0.006	4	30	188	6.36	58	126	64
S124245	<0.005	31	34	148	10.5	52	44	369

Sampling was carried out under the supervision of Doug Hunter, P. Geo in April-June 2019. Samples were submitted to SGS Canada Inc and subjected to Fire Assay with AAS finish (Code GE\_FAA313) and 4-acid digestion ICP-AES (Code GE\_ICP40B). All samples were sent to SGS Canada, Red Lake and SGS Canada, Vancouver (as per certificates in Appendix). Results are discussed in interpretations and results below. SGS Canada is an accredited assay lab with ISO 17025 accreditation.

Assay certificates and standard certificates are shown in Appendix. All samples passed lab standard checks and QA/QC verification.

Lithologies were mapped as per the following maps. Legends are shown, with lithologies represented by coloured marks.

Sample locations are shown in Appendix 2 attached hereto.

Traverses are shown in Appendix 4 attached hereto.

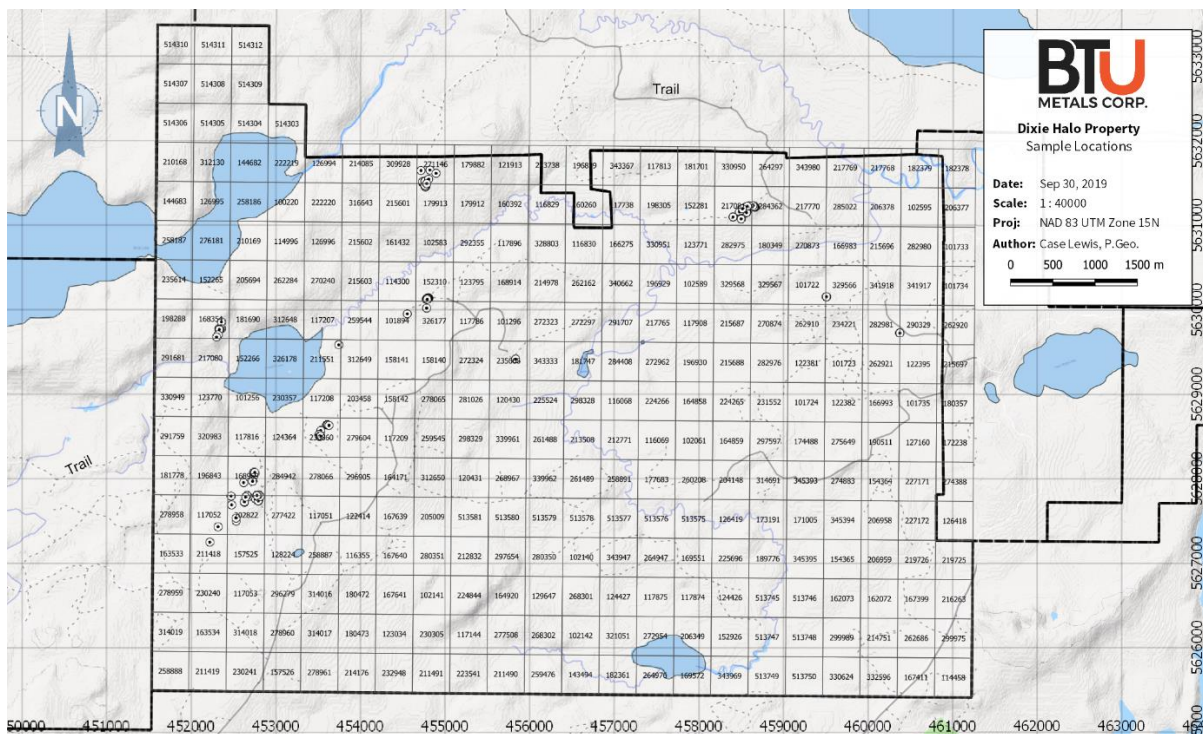


Figure 6.2. Sample locations

## 7. PERMIT NUMBER

PL-18-010992

## 8. DAILY LOG

C.Johnson, D. McKinnon and Tom Beckler Daily Work Log May 13<sup>th</sup>-May 30<sup>th</sup> 2019

MAY 13 <sup>TH</sup> , 2019	Travel Day. Sudbury to Thunder Bay 1000km. Rented hotel.
MAY 14 <sup>TH</sup> , 2019	Travel Day. Thunder Bay to Cochenour, Red Lake area. 580km Check into B&B rental.
MAY 15 <sup>TH</sup> , 2019	Hotel to Dixie Halo Property 50km, Prospecting sample collection South West target area-15U,452809E,5627792N, Map Datum WGS 84, See Track logs for total daily Traverse. Return to hotel in Cochenour. 50km Approx
MAY 16 <sup>TH</sup> , 2019	Hotel to Dixie Halo Property 50km, Prospecting sample collection South West target area-15U,452809E,5627792N See Track logs for total daily Traverse. Return to hotel in Cochenour. 50km Approx
MAY 17 <sup>TH</sup> , 2019	Hotel to Dixie Halo Property 50km, Prospecting sample collection Central target area-15U,455835E,5629420N See Track logs for total daily Traverse. Return to hotel in Cochenour. 50km Approx
MAY 18 <sup>TH</sup> , 2019	Hotel to Dixie Halo Property 50km, Prospecting sample collection Western target area-15U,452320E,5629774N See Track logs for total daily Traverse. Return to hotel in Cochenour. 50km Approx
MAY 19 <sup>TH</sup> , 2019	Hotel to Dixie Halo Property 50km, Prospecting sample collection Western target area-15U,452357E,5629852N See Track logs for total daily Traverse. Return to hotel in Cochenour. 50km Approx
MAY 20 <sup>TH</sup> , 2019	Hotel to Dixie Halo Property 50km, Prospecting sample collection Western target area, Hiewall Lake area, Ground Truth EM target- 15U,452815E,5629759N See Track logs for total daily Traverse. Return to hotel in Cochenour. 50km Approx
MAY 21 <sup>ST</sup> , 2019	Hotel to Dixie Halo Property 50km, Prospecting sample collection North East target area, Chukuni River Area-15U,468234E,5632088N See Track logs for total daily Traverse. Return to hotel in Cochenour. 50km Approx
MAY 22 <sup>ND</sup> , 2019	Hotel to Dixie Halo Property 50km, Prospecting sample collection Central target area, Old Trenches Area-15U,454987E,5630368N See Track logs for total daily Traverse. Return to hotel in Cochenour. 50km Approx
MAY 23 <sup>RD</sup> , 2019	Hotel to Dixie Halo Property 50km, Prospecting sample collection North Central target area-15U,454706E,5631375N See Track logs for total daily Traverse. Return to hotel in Cochenour. 50km Approx

MAY 24 <sup>TH</sup> , 2019	Rain Day, Data entry, Sample Prep, Household supply run.
MAY 25 <sup>TH</sup> , 2019	Hotel to Dixie Halo Property 50km, Prospecting sample collection North Central target area-15U,454782E,5631638N See Track logs for total daily Traverse. Return to hotel in Cochenour. 50km Approx
MAY 26 <sup>TH</sup> , 2019	Hotel to Dixie Halo Property 50km, Prospecting sample collection West of North Central target area-15U,454174E,5631881N See Track logs for total daily Traverse. Return to hotel in Cochenour. 50km Approx
MAY 27 <sup>TH</sup> , 2019	Rain Day, Data entry, Sample Prep, Household supply run.
MAY 28 <sup>TH</sup> , 2019	Hotel to Dixie Halo Property 50km, Prospecting sample collection South East target area-15U,455760E,5628190N See Track logs for total daily Traverse. Return to hotel in Cochenour. 50km Approx
MAY 29 <sup>TH</sup> , 2019	Travel Day, Red Lake to Thunder bay 600km, Rented hotel
MAY 30 <sup>TH</sup> , 2019	Travel Day, Thunder Bay to Sudbury 1000km
MAY 31 <sup>st</sup> , 2019	Sample Spreadsheet data entry

C. Johnson, Tom Beckler, and D. McKinnon Daily Work Log June 11<sup>th</sup> to June 23<sup>rd</sup> 2019

June 11 <sup>TH</sup> , 2019	Travel Day. Sudbury to Timmins 300km, Pick up Worker, Timmins to Thunder bay.800km. Hotel Rental
June 12 <sup>TH</sup> , 2019	Travel Day. Thunder Bay to Cochenour Ontario, 600km check into Hotel
June 13 <sup>TH</sup> , 2019	Hotel to Core Shack, multiple loads of Drill Core move to storage yard in Red lake. Core rack build. Return to hotel in Cochenour
June 14 <sup>TH</sup> , 2019	Hotel to Core Shack, Unload and rack Drill core.30km Travel to Dixie Halo Property 50km, Prospecting sample collection East Central target area- 15 U 458321E 5630241N, Map Datum WGS 84, line cutting in East Central Target area 15 U 459283E 5630510N- See Track logs for total daily Traverse. Return to hotel in Cochenour. 50km Approx.
June 15 <sup>TH</sup> , 2019	Hotel to Dixie Halo Property 50km, Prospecting sample collection North Central target area- 15 U 457536E 5631011N. See Track logs for total daily Traverse. Return to hotel in Cochenour. 50km Approx.
June 16 <sup>TH</sup> , 2019	Hotel to Dixie Halo Property 50km, Prospecting sample collection East target area- Pakwash Lake area 15 U 461845E 5629375N .See Track logs for total daily Traverse. Return to hotel in Cochenour. 50km Approx.
June 17 <sup>TH</sup> , 2019	Hotel to Dixie Halo Property 50km, Prospecting sample collection Western target area-Old trenches, Iron Formation Zone-15 U 445065 5628699N, See Track logs for total daily Traverse. Return to hotel in Cochenour. 50km Approx.
June 18 <sup>TH</sup> , 2019	Hotel to Dixie Halo Property 50km, Prospecting sample collection East target area,- Old Stripped area with Channel cuts,-15 U 461261E

	5630796N, See Track logs for total daily Traverse. Return to hotel in Cochenour. 50km Approx
June 19 <sup>TH</sup> , 2019	Hotel to Core Shack, multiple loads of Drill Core move to storage yard in Red lake. Core rack build. Return to hotel in Cochenour 20km
June 20 <sup>TH</sup> , 2019	Hotel to Government storage yard to acquire core racks and move to BTU storage yard Red lake. Multiple loads of Drill Core move to BTU storage yard from core shack in Red lake. Core rack build. Return to hotel in Cochenour 20km
June 21 <sup>ST</sup> , 2019	Hotel to Dixie Halo Property 50km, Prospecting sample collection Central target area- 15 U 455835E 5629420N, See Track logs for total daily Traverse. Return to hotel in Cochenour. 50km Approx
June 22 <sup>ST</sup> , 2019	Travel Day, Cochenour to Thunder Bay 600km, Hotel Rental
June 23 <sup>ST</sup> , 2019	Travel Day, Thunder Bay to Timmins 800km, Timmins to Sudbury Ontario 300km

## 9. INTERPRETATION AND CONCLUSIONS

Numerous low-grade gold showings were identified, particularly around structures and iron formations. These sample locations are recommended for detailed follow-up, particularly stripping or channel sampling, followed by drilling, if warranted.

# APPENDIX 1 – Assay Certificates



## Certificate of Analysis Work Order : RL1900688 [Report File No.: 0000035949]

Date: July 12, 2019

To: Doug Hunter  
COD SGS MINERALS - GEOCHEM VANCOUVER

P.O. No.: BTU METALS INC/ S124205 - 124245  
Project No.: -  
Samples: 41  
Received: Jun 17, 2019  
Pages: Page 1 to 11  
(Inclusive of Cover Sheet)

### Methods Summary

No. Of Samples	Method Code	Description
41	G_LOG02	Pre-preparation processing, sorting, logging, boxing
41	GE_ICP40B	Multi-acid (4-acid) digestion/ICP-AES package

### Storage: Pulp & Reject

PULP STORAGE : RETURN AFTER 90 DAYS

Certified By :

Gerald Chik  
Operations Manager/Chief Chemist

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at <http://www.scc.ca/en/search/palcan/sgs>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample  
n.a. = Not applicable -- = No result

\*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. \*NAA08V) were sub contracted

Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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SGS Canada Inc. Minerals Suite E - 3260 Production Way Burnaby BC t(604) 638-2349 f(604) 444-5486 [www.ca.sgs.com](http://www.ca.sgs.com)

Member of the SGS Group (Société Générale de Surveillance)



Report File No.: 0000035949

Element Method Det.Lim. Units	@Ag	@Al	@As	@Ba	@Be	@Bi	@Ca	@Cd
	GE_JCP40B 2 ppm	GE_JCP40B 0.01 %	GE_JCP40B 3 ppm	GE_JCP40B 1 ppm	GE_JCP40B 0.5 ppm	GE_JCP40B 5 ppm	GE_JCP40B 0.01 %	GE_JCP40B 1 ppm
S124205	<2	1.20	<3	3	<0.5	<5	0.84	7
S124206	<2	5.59	<3	556	0.7	8	5.97	<1
S124207	<2	7.59	9	483	<0.5	10	4.96	<1
S124208	<2	8.33	11	41	<0.5	10	4.85	<1
S124209	<2	5.65	6	17	<0.5	10	3.93	3
S124210	<2	6.44	5	181	<0.5	8	3.98	3
S124211	<2	2.61	<3	10	<0.5	<5	1.43	7
S124212	<2	4.49	<3	10	<0.5	<5	1.39	4
S124213	<2	2.42	5	15	<0.5	<5	2.06	6
S124214	<2	7.53	4	232	<0.5	<5	4.15	2
S124215	<2	0.43	<3	4	<0.5	<5	0.04	<1
S124216	<2	2.94	<3	37	<0.5	<5	1.23	<1
S124217	<2	1.00	<3	21	<0.5	<5	0.58	<1
S124218	<2	6.88	<3	171	1.0	7	1.85	1
S124219	<2	7.77	6	189	<0.5	<5	5.22	<1
S124220	<2	0.74	<3	6	<0.5	<5	0.35	<1
S124221	<2	6.25	<3	26	<0.5	<5	2.84	<1
S124222	<2	6.42	4	397	1.0	7	4.81	<1
S124223	<2	7.73	6	128	<0.5	<5	3.26	<1
S124224	<2	1.54	4	20	<0.5	<5	2.26	<1
S124225	<2	7.19	4	18	<0.5	<5	7.74	1
S124226	<2	1.99	7	11	<0.5	<5	1.13	<1
S124227	<2	6.99	<3	67	<0.5	<5	4.17	<1
S124228	<2	0.83	<3	13	<0.5	<5	0.16	<1
S124229	<2	5.82	11	78	0.5	6	6.26	1
S124230	<2	6.34	13	277	0.7	10	6.91	1
S124231	<2	5.57	6	184	0.5	<5	7.94	1
S124232	<2	5.29	<3	193	0.7	<5	6.43	1
S124233	<2	6.00	17	23	<0.5	7	7.60	2
S124234	<2	6.27	14	63	<0.5	<5	2.30	2
S124235	<2	6.09	9	348	0.7	7	8.22	2
S124236	<2	6.00	4	554	<0.5	<5	5.68	2
S124237	<2	6.17	7	76	0.6	6	6.93	<1
S124238	<2	6.95	66	182	1.1	9	1.47	<1
S124239	<2	7.09	14	101	1.3	<5	2.46	2
S124240	<2	5.20	10	210	0.8	7	7.33	2
S124241	<2	5.83	6	253	0.7	10	5.31	1
*Dup S124241	<2	5.31	6	257	0.8	<5	5.33	1
S124242	<2	5.86	7	248	0.6	<5	6.42	1
S124243	<2	3.71	<3	972	0.9	<5	0.30	2

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Report File No.: 0000035949

Element	@Ag	@Al	@As	@Ba	@Be	@Bi	@Ca	@Cd
Method	GE_JCP40B	GE_JCP40B	GE_JCP40B	GE_JCP40B	GE_JCP40B	GE_JCP40B	GE_JCP40B	GE_JCP40B
Det.Lim.	2	0.01	3	1	0.5	5	0.01	1
Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm
S124244	<2	8.05	4	67	0.6	<5	3.92	<1
S124245	<2	7.47	31	137	0.6	<5	0.76	2
*Std OREAS601	48	6.24	318	368	2.0	22	1.30	8
*Std OREAS520	<2	5.41	148	437	0.8	15	3.71	2
*Blk BLANK	<2	<0.01	<3	<1	<0.5	<5	<0.01	<1
*Rep S124244	<2	7.96	3	69	0.6	<5	3.67	<1

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Report File No.: 0000035949

Element Method Det.Lim. Units	@Co	@Cr	@Cu	@Fe	@K	@La	@Li	@Mg
	GE_JCP40B 1 ppm	GE_JCP40B 1 ppm	GE_JCP40B 0.5 ppm	GE_JCP40B 0.01 %	GE_JCP40B 0.01 %	GE_JCP40B 0.5 ppm	GE_JCP40B 1 ppm	GE_JCP40B 0.01 %
S124205	172	42	607	>15.0	0.07	5.7	3	2.75
S124206	31	481	101	6.39	3.58	23.3	37	2.69
S124207	31	185	135	6.89	0.81	14.2	18	1.66
S124208	4	366	141	8.85	0.24	1.7	11	1.55
S124209	13	277	424	>15.0	0.27	0.8	11	3.30
S124210	<1	506	96.6	>15.0	0.42	3.9	12	2.07
S124211	<1	51	230	>15.0	0.07	8.9	4	3.39
S124212	27	82	257	>15.0	0.13	12.9	9	2.19
S124213	<1	53	105	>15.0	0.10	9.5	4	3.74
S124214	18	284	125	>15.0	0.69	4.4	17	2.43
S124215	3	145	34.8	0.61	0.11	<0.5	2	0.05
S124216	19	324	119	2.61	0.18	1.3	2	0.33
S124217	15	327	81.7	2.30	0.12	1.2	3	0.33
S124218	22	182	217	4.62	0.69	16.6	15	0.99
S124219	53	228	134	9.54	1.44	13.5	32	4.54
S124220	4	198	8.9	1.02	0.13	1.3	2	0.23
S124221	36	269	25.0	7.51	0.29	3.4	16	2.75
S124222	28	335	2.6	6.19	0.90	16.9	16	3.85
S124223	13	165	27.0	4.01	0.66	4.4	18	2.11
S124224	7	177	27.7	1.84	0.15	2.5	2	0.47
S124225	22	271	19.6	11.6	0.31	3.0	12	1.83
S124226	9	304	336	2.17	0.16	1.5	3	0.41
S124227	45	1026	18.0	8.59	0.43	17.5	74	6.46
S124228	5	251	23.5	1.33	0.15	<0.5	3	0.33
S124229	62	366	194	10.1	0.43	12.1	8	3.74
S124230	61	91	298	10.5	1.05	13.9	12	3.29
S124231	56	83	295	9.37	0.91	12.3	18	2.76
S124232	57	83	318	10.9	1.20	12.3	22	2.66
S124233	31	47	113	>15.0	0.24	7.2	8	2.75
S124234	159	118	267	13.4	0.31	5.6	12	2.94
S124235	63	183	517	13.0	1.18	15.6	16	3.08
S124236	56	137	295	11.7	1.73	12.1	26	2.55
S124237	59	104	257	8.09	0.39	14.4	17	2.75
S124238	9	163	101	5.84	0.59	27.4	10	0.67
S124239	21	174	136	7.12	0.25	17.6	7	1.23
S124240	58	110	350	13.5	1.02	11.9	17	2.93
S124241	59	57	341	10.6	1.52	14.9	57	2.73
*Dup S124241	59	61	345	10.6	1.48	15.1	56	2.80
S124242	56	103	296	10.6	0.85	12.5	19	3.07
S124243	11	285	144	8.45	1.01	2.5	17	1.01

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Report File No.: 0000035949

Element Method Det.Lim. Units	@Co	@Cr	@Cu	@Fe	@K	@La	@Li	@Mg
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	1	1	0.5	0.01	0.01	0.5	1	0.01
	ppm	ppm	ppm	%	%	ppm	ppm	%
S124244	30	75	188	6.36	2.10	7.2	12	1.42
S124245	34	91	148	10.5	2.22	6.9	12	0.38
*Std OREAS601	2	38	1040	2.70	2.31	32.5	21	0.41
*Std OREAS520	196	28	2890	>15.0	3.29	80.1	17	1.08
*Bik BLANK	<1	1	0.6	0.01	<0.01	<0.5	<1	<0.01
*Rep S124244	31	76	190	6.53	2.10	7.2	12	1.40

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Report File No.: 0000035949

Element Method Det.Lim. Units	@Mn	@Mo	@Na	@Ni	@P	@Pb	@S	@Sb
	GE_JCP40B 2 ppm	GE_JCP40B 1 ppm	GE_JCP40B 0.01 %	GE_JCP40B 1 ppm	GE_JCP40B 0.01 %	GE_JCP40B 2 ppm	GE_JCP40B 0.01 %	GE_JCP40B 5 ppm
S124205	5129	<1	0.12	186	0.02	20	>5.00	17
S124206	1389	1	0.55	70	0.12	14	1.26	11
S124207	1185	<1	2.83	111	0.06	5	0.73	11
S124208	2414	<1	2.19	71	0.03	8	1.07	14
S124209	4579	<1	0.57	32	0.02	8	0.20	14
S124210	>10000	<1	0.87	57	0.03	9	0.66	14
S124211	>10000	<1	0.13	28	0.03	18	0.04	15
S124212	4996	<1	0.27	54	0.03	9	1.30	13
S124213	>10000	<1	0.22	26	0.02	16	0.02	17
S124214	3566	<1	1.19	59	0.03	9	0.55	15
S124215	74	4	0.21	11	<0.01	<2	0.01	<5
S124216	524	4	1.24	26	0.02	<2	0.05	<5
S124217	311	4	0.32	37	<0.01	<2	0.08	<5
S124218	460	3	2.62	30	0.05	10	0.99	11
S124219	1315	<1	2.32	167	0.11	6	0.02	10
S124220	104	4	0.31	11	<0.01	<2	0.02	<5
S124221	1380	1	1.49	51	0.02	4	<0.01	11
S124222	1173	<1	2.76	55	0.08	5	<0.01	11
S124223	598	<1	3.96	67	0.06	6	1.09	13
S124224	676	3	0.49	17	0.01	<2	<0.01	<5
S124225	3834	<1	0.85	85	0.03	6	0.04	13
S124226	469	3	0.64	30	<0.01	<2	0.04	<5
S124227	1635	<1	0.96	276	0.11	4	<0.01	11
S124228	188	3	0.31	11	<0.01	<2	0.06	<5
S124229	1762	<1	2.65	164	0.05	4	<0.01	7
S124230	1851	<1	2.21	122	0.05	4	0.02	8
S124231	1847	<1	1.85	106	0.05	2	0.08	7
S124232	1821	<1	1.30	108	0.04	4	0.26	6
S124233	2948	<1	0.85	46	0.07	6	0.84	11
S124234	1760	<1	2.46	46	0.07	23	>5.00	7
S124235	2150	<1	1.53	137	0.05	5	1.05	9
S124236	2644	<1	1.48	116	0.05	7	0.04	8
S124237	1876	<1	2.93	113	0.05	6	0.04	9
S124238	432	2	3.65	15	0.07	54	0.85	9
S124239	1261	1	3.37	33	0.08	46	1.47	7
S124240	2501	<1	0.92	99	0.04	4	0.49	8
S124241	2022	<1	1.29	102	0.05	2	0.14	7
*Dup S124241	1870	<1	1.30	103	0.05	5	0.14	6
S124242	1908	<1	2.22	112	0.05	<2	0.23	8
S124243	2493	4	1.84	31	0.03	8	0.58	8

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Report File No.: 0000035949

Element	@Mn	@Mo	@Na	@Ni	@P	@Pb	@S	@Sb
Method	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
Det.Lim.	2	1	0.01	1	0.01	2	0.01	5
Units	ppm	ppm	%	ppm	%	ppm	%	ppm
S124244	1367	<1	4.68	58	0.03	4	0.19	12
S124245	412	<1	4.52	52	0.02	21	>5.00	16
*Std OREAS601	500	4	1.41	25	0.05	331	1.08	40
*Std OREAS520	2243	57	1.22	69	0.08	10	0.97	16
*Blk BLANK	2	<1	<0.01	<1	<0.01	<2	<0.01	<5
*Rep S124244	1359	<1	4.65	57	0.03	3	0.19	14

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Report File No.: 0000035949

Element Method Det.Lim. Units	@Sc	@Sn	@Sr	@Ti	@V	@W	@Y	@Zn
	GE_JCP40B 0.5 ppm	GE_JCP40B 10 ppm	GE_JCP40B 0.5 ppm	GE_JCP40B 0.01 %	GE_JCP40B 2 ppm	GE_JCP40B 10 ppm	GE_JCP40B 0.5 ppm	GE_JCP40B 1 ppm
S124205	6.6	<10	3.0	0.07	53	37	9.9	101
S124206	17.3	<10	283	0.23	149	<10	14.8	66
S124207	22.3	<10	442	0.57	184	<10	15.1	70
S124208	34.1	<10	229	0.45	280	<10	11.7	70
S124209	31.3	<10	8.8	0.30	214	12	11.6	107
S124210	24.4	<10	62.6	0.37	228	19	15.3	96
S124211	9.3	<10	4.4	0.10	47	21	20.2	145
S124212	10.4	<10	3.0	0.23	93	19	12.6	192
S124213	6.6	<10	7.1	0.08	32	33	29.0	135
S124214	39.3	<10	84.1	0.47	282	18	18.4	180
S124215	0.9	<10	1.8	0.01	7	<10	<0.5	3
S124216	6.5	<10	128	0.12	52	<10	2.9	16
S124217	4.1	<10	19.0	0.11	37	<10	2.8	19
S124218	9.6	<10	230	0.26	74	<10	11.2	234
S124219	28.3	<10	294	0.93	220	<10	22.7	91
S124220	1.5	<10	9.8	0.03	17	<10	1.3	8
S124221	35.2	<10	71.9	0.43	242	<10	13.2	79
S124222	25.8	<10	313	0.42	198	<10	29.9	81
S124223	14.9	<10	408	0.17	112	<10	8.6	54
S124224	6.2	<10	53.9	0.14	46	<10	4.9	15
S124225	34.6	<10	126	0.44	256	11	17.0	61
S124226	7.7	<10	24.4	0.08	45	<10	3.2	14
S124227	33.2	<10	76.5	0.39	227	<10	21.7	91
S124228	1.9	<10	4.9	0.01	22	<10	0.8	14
S124229	31.4	<10	261	0.75	259	<10	17.1	109
S124230	27.0	<10	425	0.78	243	<10	16.8	110
S124231	23.6	<10	396	0.63	216	12	14.5	102
S124232	22.4	<10	255	0.58	208	12	13.4	104
S124233	24.4	<10	76.0	0.89	264	12	17.7	101
S124234	31.5	<10	179	1.29	313	13	15.6	212
S124235	29.9	<10	291	0.73	239	<10	16.0	97
S124236	24.9	<10	386	0.74	242	12	14.4	106
S124237	25.9	<10	293	0.63	229	<10	16.2	98
S124238	8.0	<10	227	0.30	56	<10	14.2	116
S124239	25.2	<10	358	0.83	226	<10	14.9	531
S124240	21.8	<10	189	0.62	221	17	15.6	101
S124241	23.4	<10	214	0.71	223	13	16.9	81
*Dup S124241	23.5	<10	213	0.71	233	<10	17.2	82
S124242	25.6	<10	268	0.72	243	14	17.6	97
S124243	7.3	<10	79.0	0.15	54	<10	5.6	269

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Report File No.: 0000035949

Element	@Sc	@Sn	@Sr	@Ti	@V	@W	@Y	@Zn
Method	GE_JCP40B	GE_JCP40B	GE_JCP40B	GE_JCP40B	GE_JCP40B	GE_JCP40B	GE_JCP40B	GE_JCP40B
Det.Lim.	0.5	10	0.5	0.01	2	10	0.5	1
Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
S124244	12.5	<10	109	0.38	126	<10	9.4	64
S124245	5.0	<10	86.3	0.14	44	<10	5.3	369
*Std OREAS601	4.7	<10	235	0.18	28	<10	11.5	1342
*Std OREAS520	15.8	<10	96.0	0.38	244	56	19.3	19
*Blk BLANK	<0.5	<10	<0.5	<0.01	<2	<10	<0.5	<1
*Rep S124244	12.2	<10	106	0.37	126	<10	9.3	62

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Report File No.: 0000035949

Element	@Zr
Method	GE_ICP40B
Det.Lim.	0.5
Units	ppm
S124205	23.3
S124206	65.0
S124207	39.8
S124208	25.5
S124209	26.8
S124210	39.5
S124211	55.9
S124212	73.5
S124213	61.5
S124214	25.5
S124215	1.0
S124216	7.1
S124217	7.8
S124218	159
S124219	94.7
S124220	2.7
S124221	32.3
S124222	120
S124223	58.3
S124224	10.5
S124225	10.7
S124226	2.8
S124227	84.7
S124228	1.9
S124229	64.2
S124230	55.8
S124231	47.2
S124232	44.9
S124233	69.0
S124234	104
S124235	51.2
S124236	62.4
S124237	64.1
S124238	234
S124239	119
S124240	50.5
S124241	26.1
*Dup S124241	25.7
S124242	44.0
S124243	79.3

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SGS Canada Inc. Minerals Suite E - 3260 Production Way Burnaby BC t(604) 638-2349 f(604) 444-5486 [www.ca.sgs.com](http://www.ca.sgs.com)

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Final : RL1900688 Order: BTU METALS INC/ S124205 - 124245

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Report File No.: 0000035949

Element	@Zr
Method	GE_ICP40B
Det.Lim.	0.5
Units	ppm
S124244	43.6
S124245	44.8
*Std OREAS601	159
*Std OREAS20	128
*Blk BLANK	<0.5
*Rep S124244	37.3

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**Certificate of Analysis**  
**Work Order : RL1900688**  
**[Report File No.: 0000031164]**

Date: June 13, 2019

To: **Accounts Payable**  
**COD SGS MINERALS - GEOCHEM LAKEFIELD**  
 16A YOUNG ST  
 RED LAKE ON P0V 2M0

P.O. No.: BTU METAL CORP - DIXIE  
 Project No.: -  
 Samples: 41  
 Received: May 31, 2019  
 Pages: Page 1 to 3  
 (Inclusive of Cover Sheet)

**Methods Summary**

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
41	G_WGH79	Sample Weight & Reporting of weights
41	CRU21	Crush to 75% passing 2mm
41	PUL45	Pulv, Cr Steel, 75µm, 250g
41	GE_FAA313	@Au, FAS, AAS, 30g-5ml
41	PRP89	Dry, Crush to 75% at 2mm, Split to 250g, Pulv to 85%, 75µ

Certified By :



Dennis Dykin  
 Acting Operations Manager

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample  
 n.a. = Not applicable -- = No result  
 \*INF = Composition of this sample makes detection impossible by this method  
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion  
 Methods marked with an asterisk (e.g. \*NAA08V) were sub contracted  
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Final : RL1900688 Order: BTU METAL CORP - DIXIE

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Report File No.: 0000031164

Element Method Det.Lim. Units	WKg	Au@	Au@	Au@	Au@	Au@	Aupp
	G_WGH79 0.01 kg	GE_FAA313 0.005 g/t	GE_FAA313 5 ppb	GE_FAA313 0.001 oz/t	GO_FAG303 0.03 oz/t	GO_FAG303 1 g/t	GO_FAG303 1,000 ppb
S124205	2.25	0.030	30	<0.001	N.A.	N.A.	N.A.
S124206	1.05	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124207	1.42	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124208	1.45	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124209	0.89	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124210	0.62	0.007	7	<0.001	N.A.	N.A.	N.A.
S124211	1.66	0.051	51	0.001	N.A.	N.A.	N.A.
S124212	1.07	0.023	23	<0.001	N.A.	N.A.	N.A.
S124213	1.32	0.016	16	<0.001	N.A.	N.A.	N.A.
S124214	1.12	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124215	1.08	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124216	0.79	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124217	1.15	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124218	0.88	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124219	0.98	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124220	0.58	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124221	0.18	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124222	0.51	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124223	0.86	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124224	0.90	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124225	0.84	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124226	0.67	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124227	0.65	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124228	0.54	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124229	1.13	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124230	0.96	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124231	0.96	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124232	0.93	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124233	1.07	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124234	0.62	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124235	0.81	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124236	0.86	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124237	1.11	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124238	0.89	0.006	6	<0.001	N.A.	N.A.	N.A.
S124239	0.49	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124240	0.31	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124241	0.85	<0.005	<5	<0.001	N.A.	N.A.	N.A.
*Dup S124241	N.A.	0.012	12	<0.001	N.A.	N.A.	N.A.
S124242	0.50	<0.005	<5	<0.001	N.A.	N.A.	N.A.
S124243	0.55	<0.005	<5	<0.001	N.A.	N.A.	N.A.

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Element	WtKg	Au@	Au@	Au@	Au@	Au@	Au@	Au@
Method	G_WGH79	GE_FAA313	GE_FAA313	GE_FAA313	GO_FAG303	GO_FAG303	GO_FAG303	GO_FAG303
Det.Lim.	0.01	0.005	5	0.001	0.03	1	1,000	
Units	kg	g/t	ppb	oz/t	oz/t	g/t	ppb	
S124244	0.99	0.006	6	<0.001	N.A.	N.A.	N.A.	
S124245	0.55	<0.005	<5	<0.001	N.A.	N.A.	N.A.	
*Rep S124220		<0.005	<5	<0.001				
*Rep S124222					N.A.	N.A.	N.A.	

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APPENDIX 2 Sample Locations

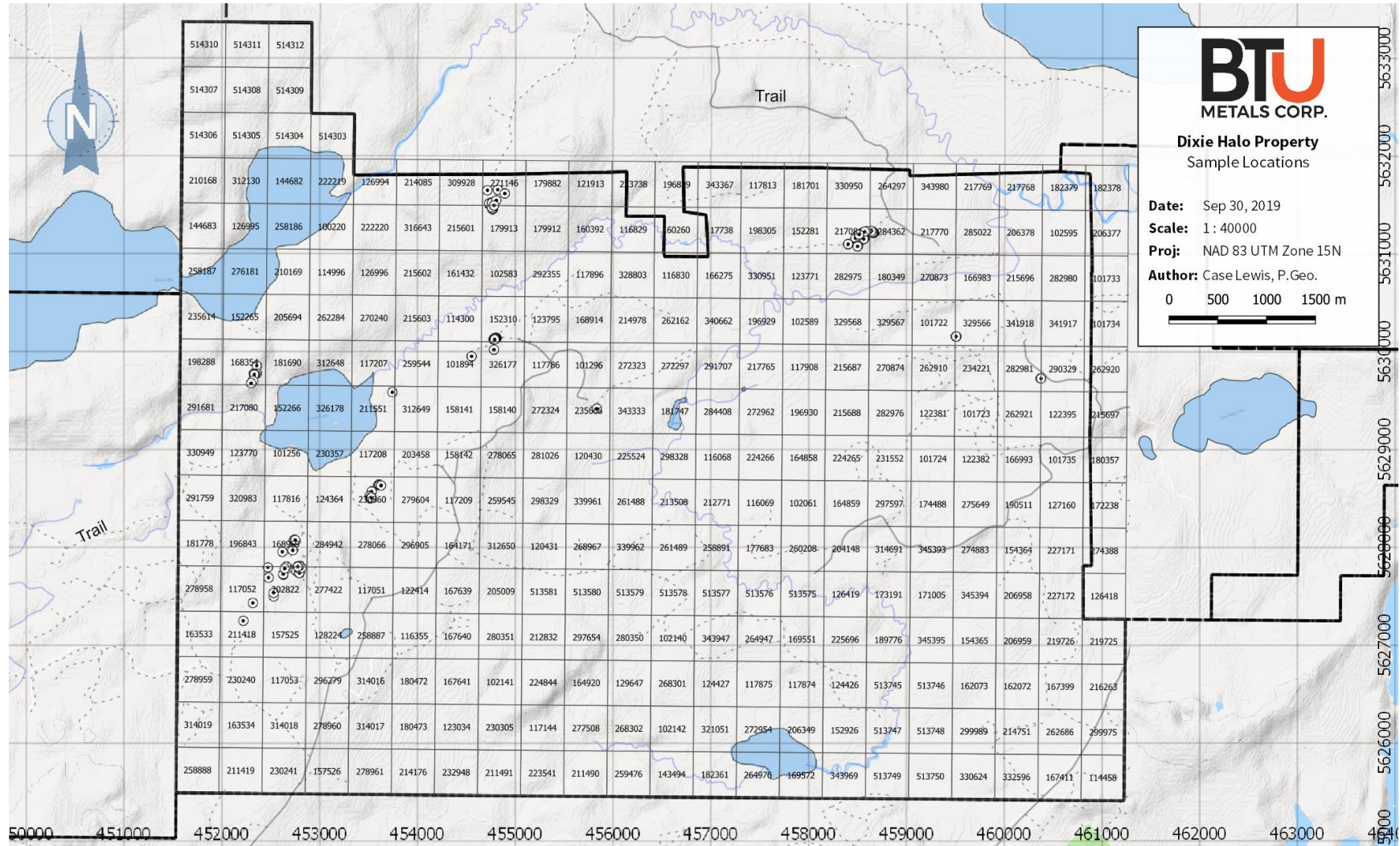


Figure A2.1. Sample locations

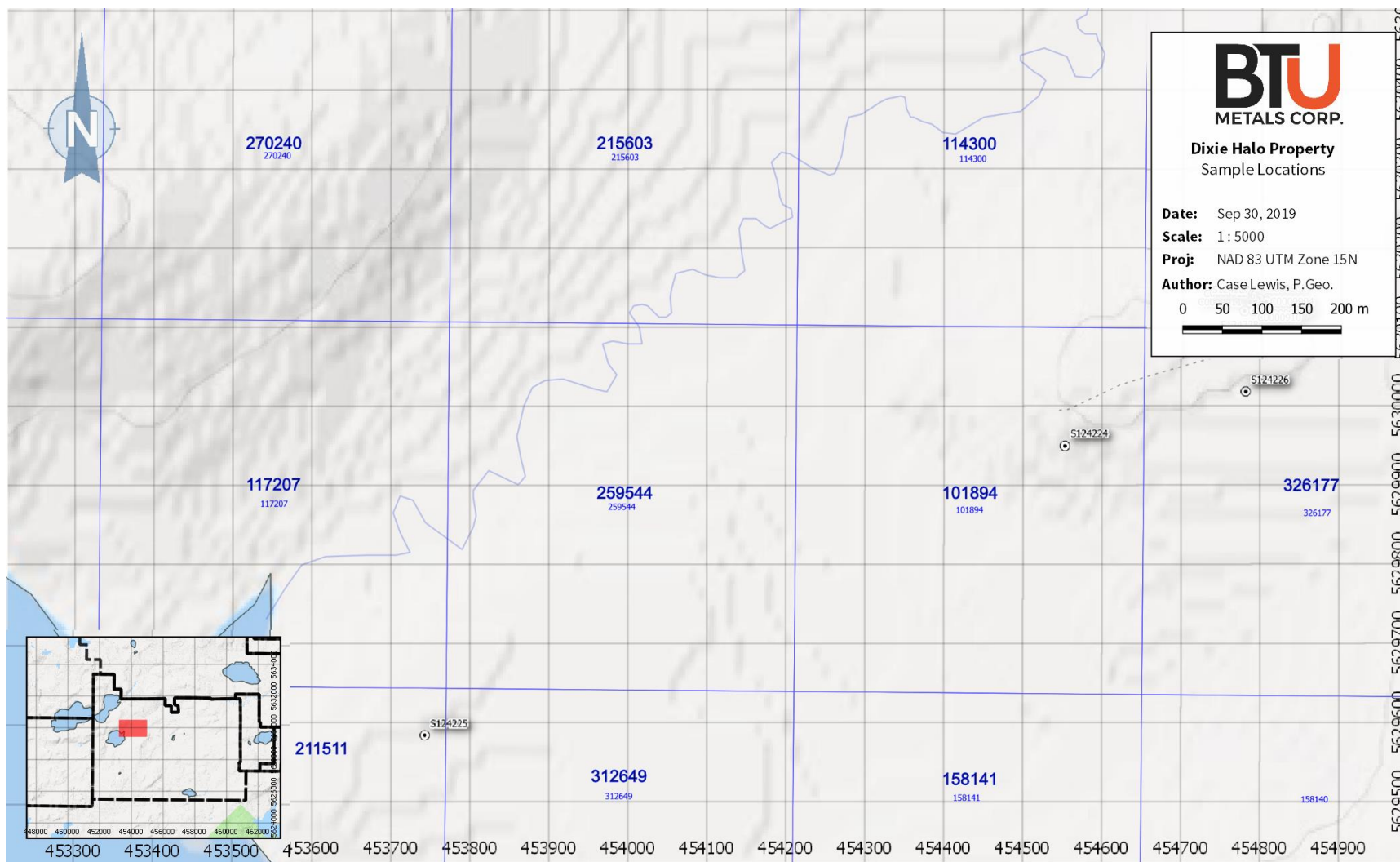


Figure A2.2. Sample locations.

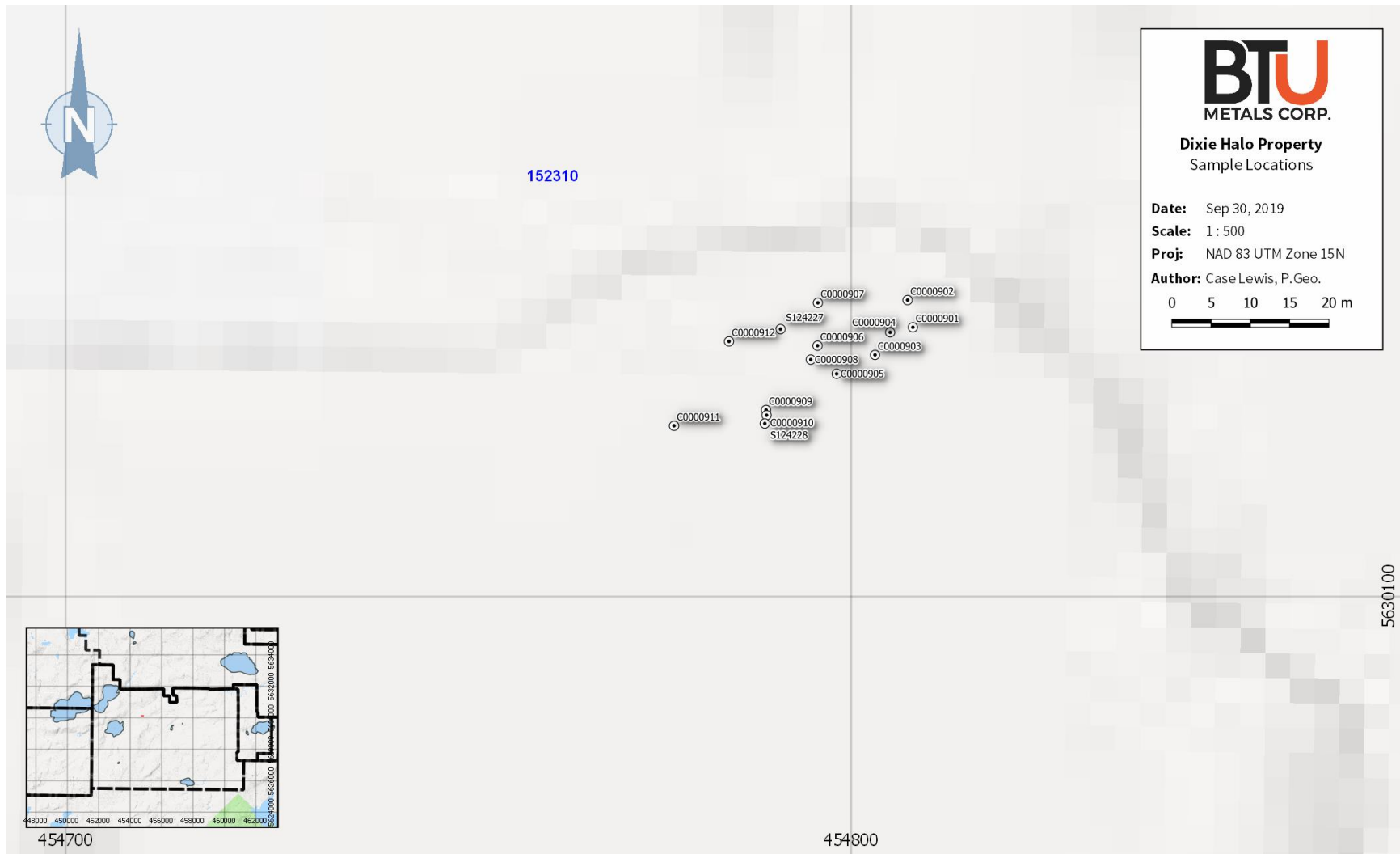


Figure A2.3. Sample locations.

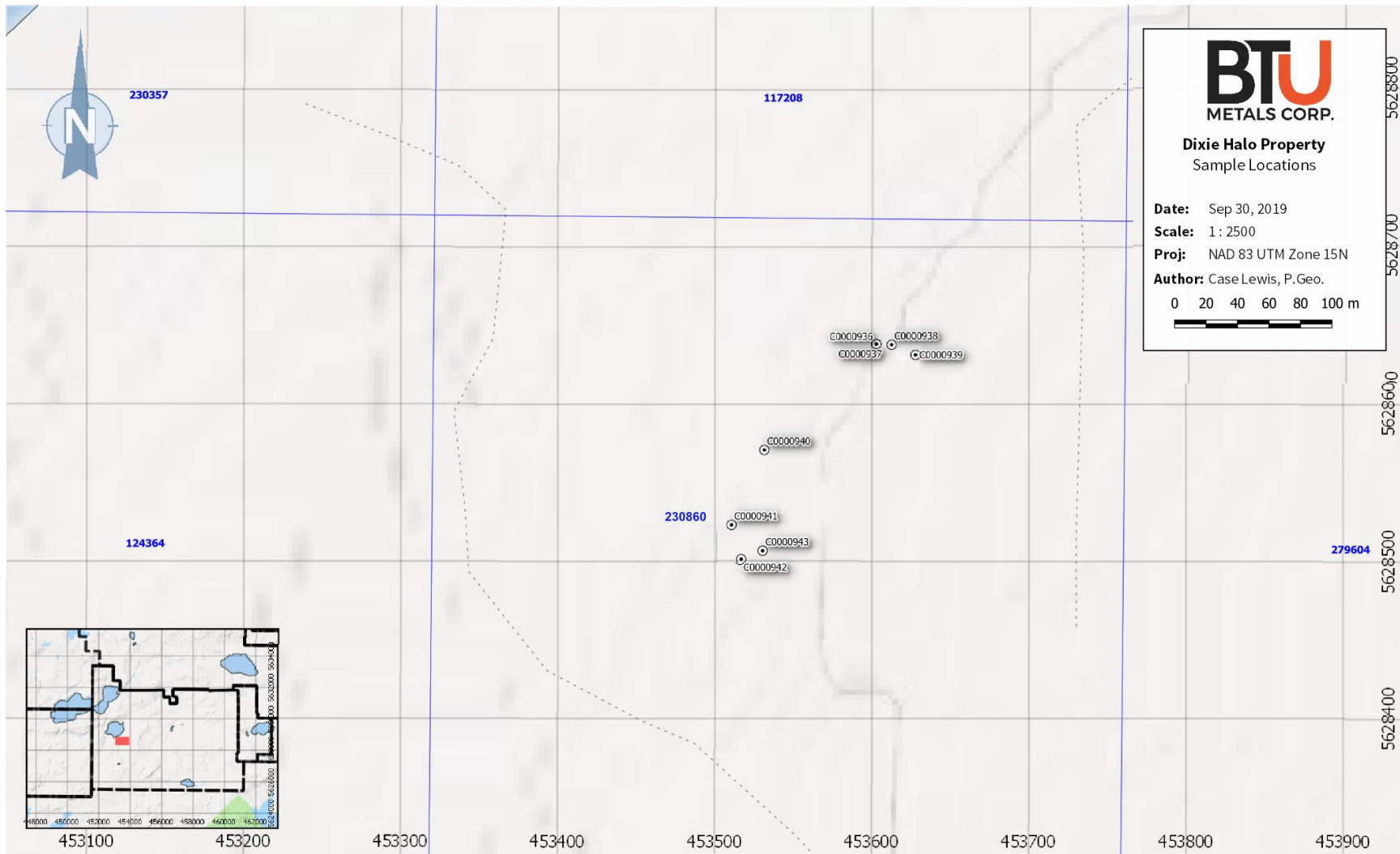


Figure A2.4. Sample locations.

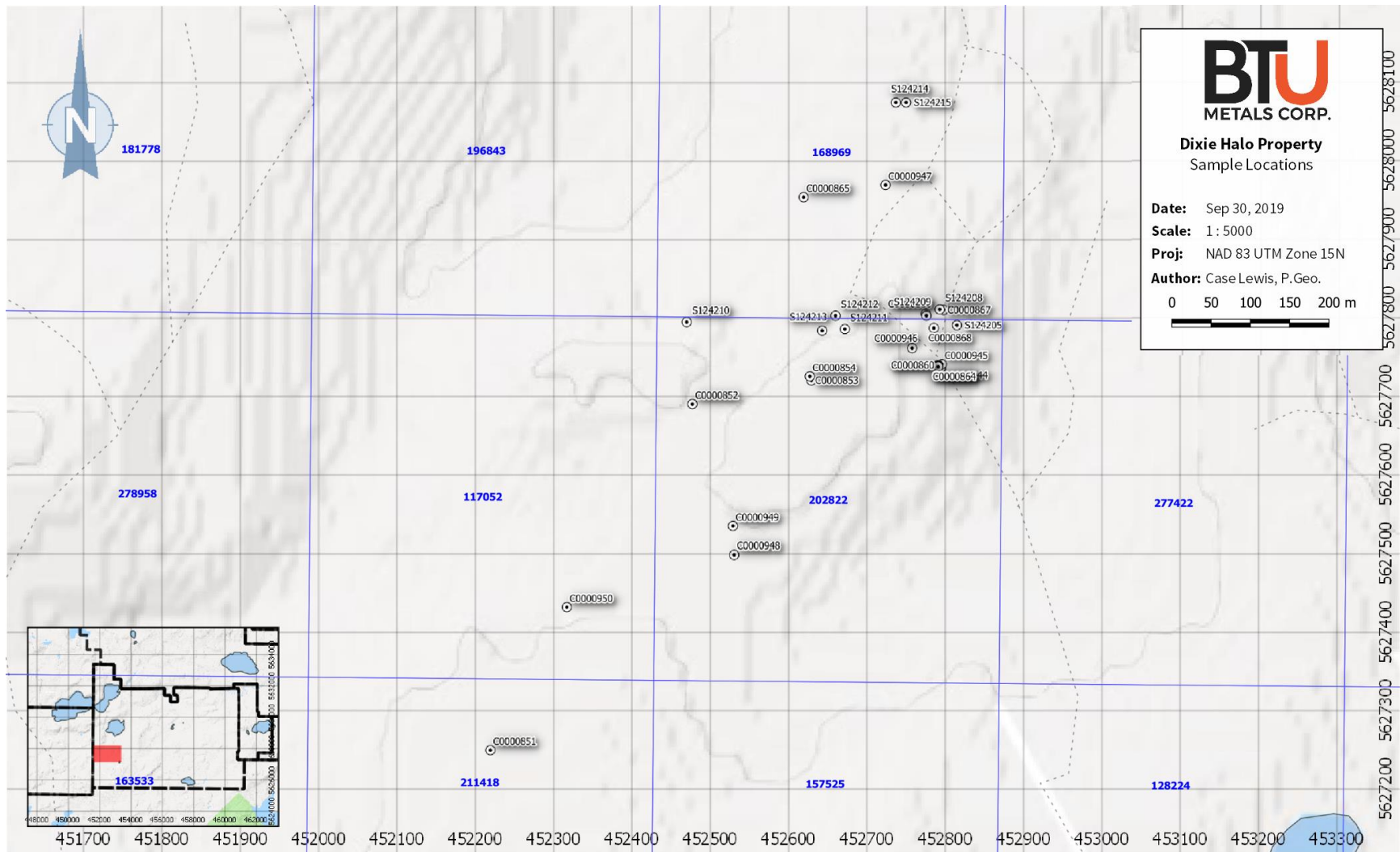


Figure A2.5. Sample locations.



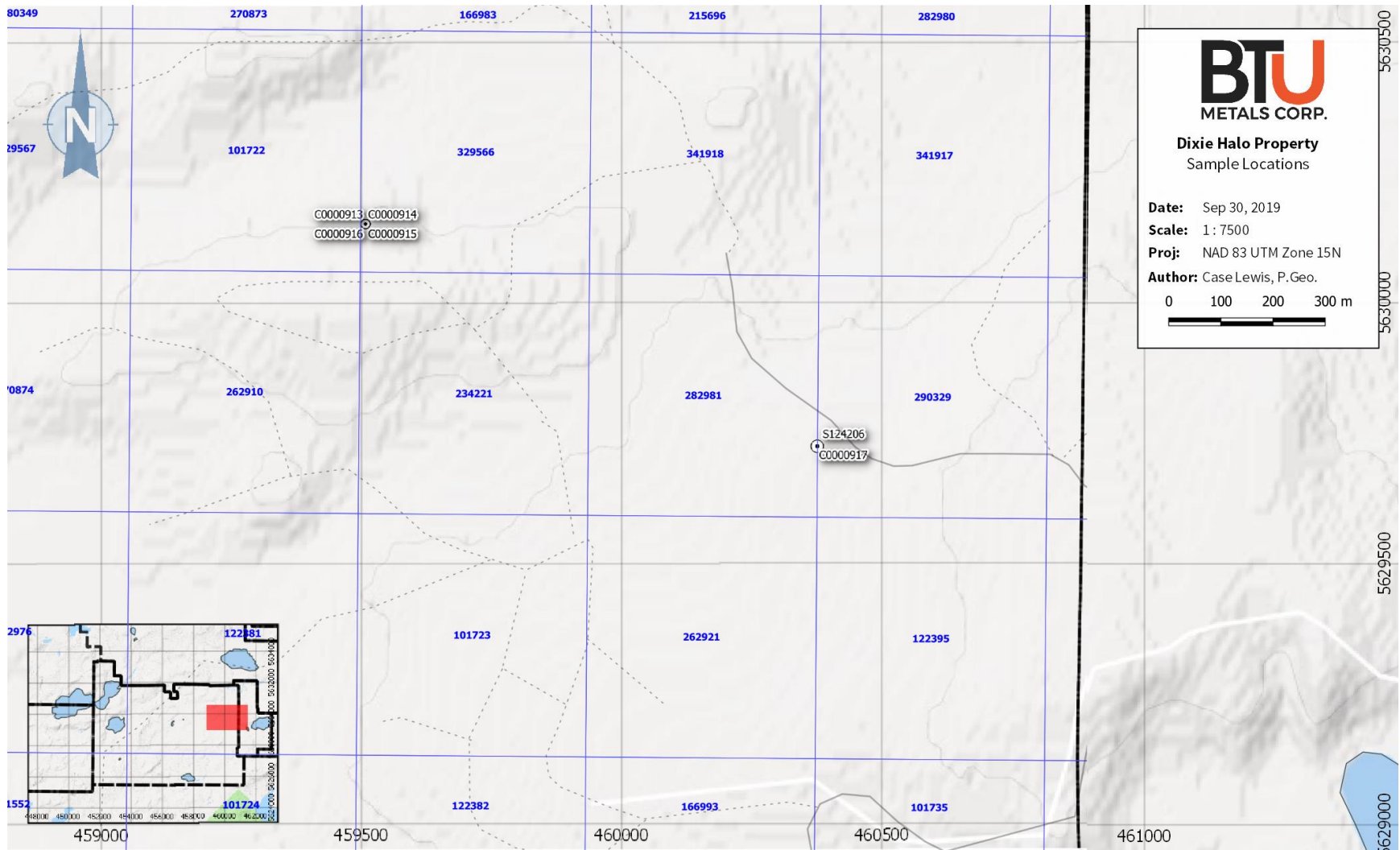


Figure A2.6. Sample locations.

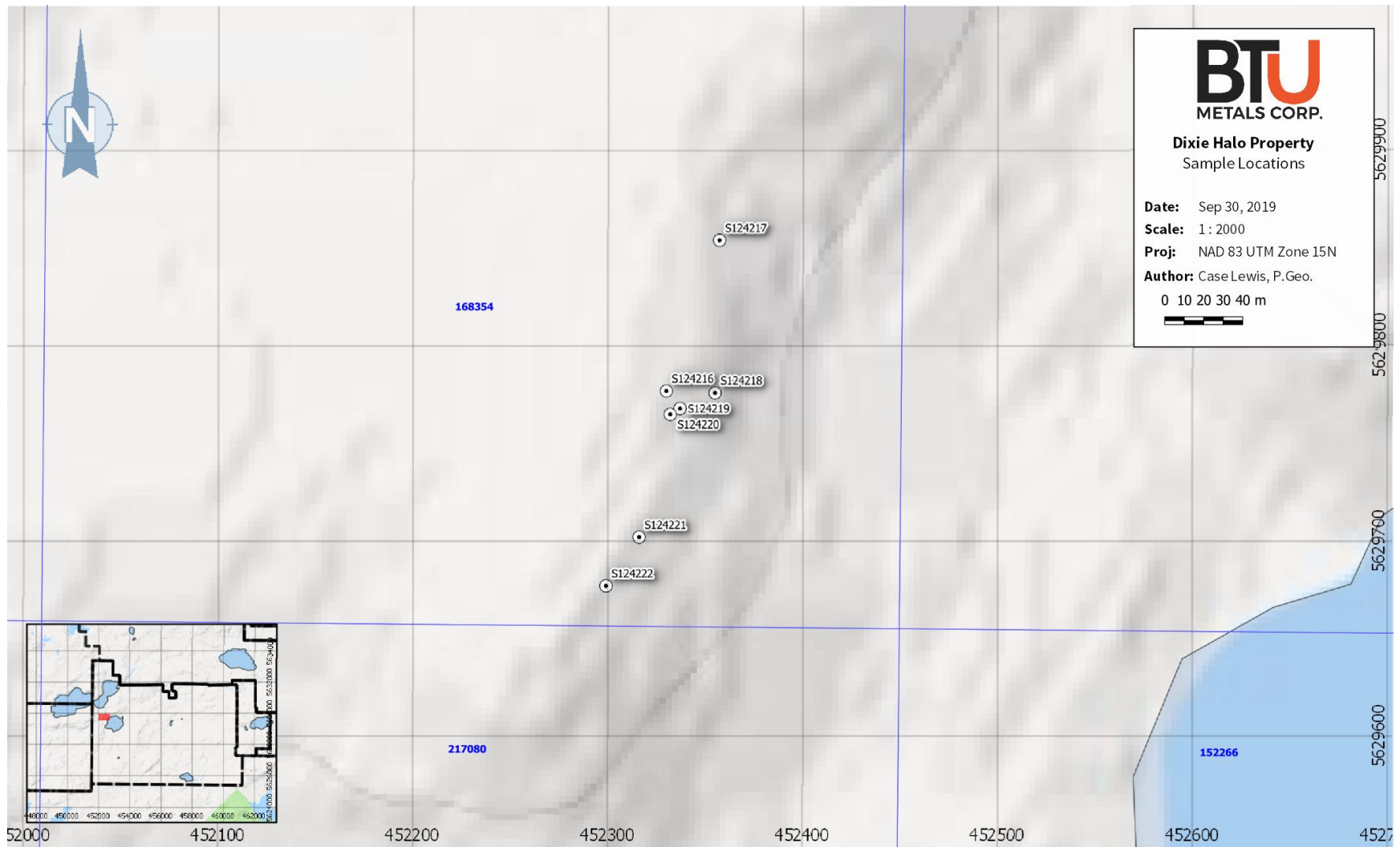


Figure A2.7. Sample locations.

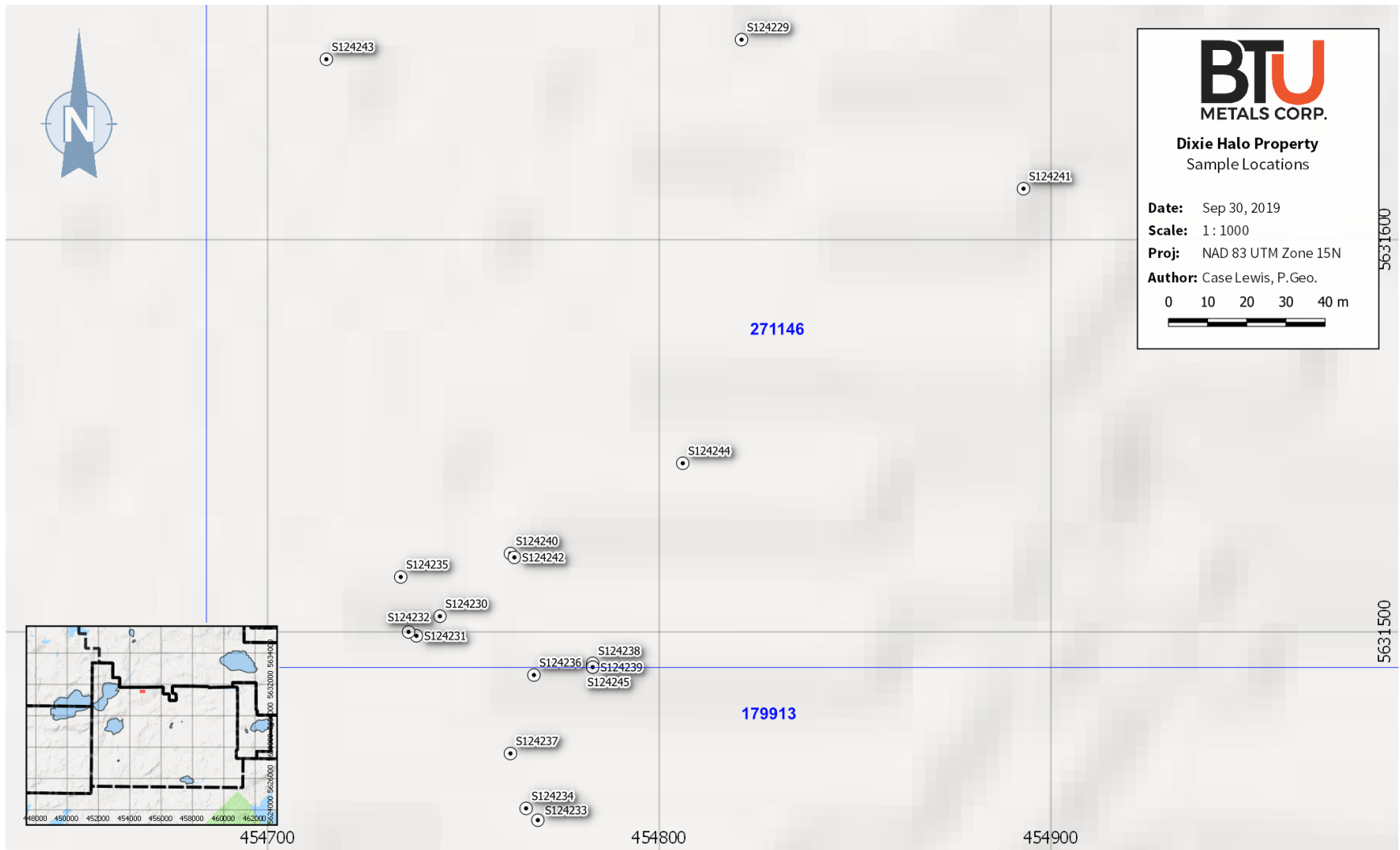


Figure A2.8. Sample locations.

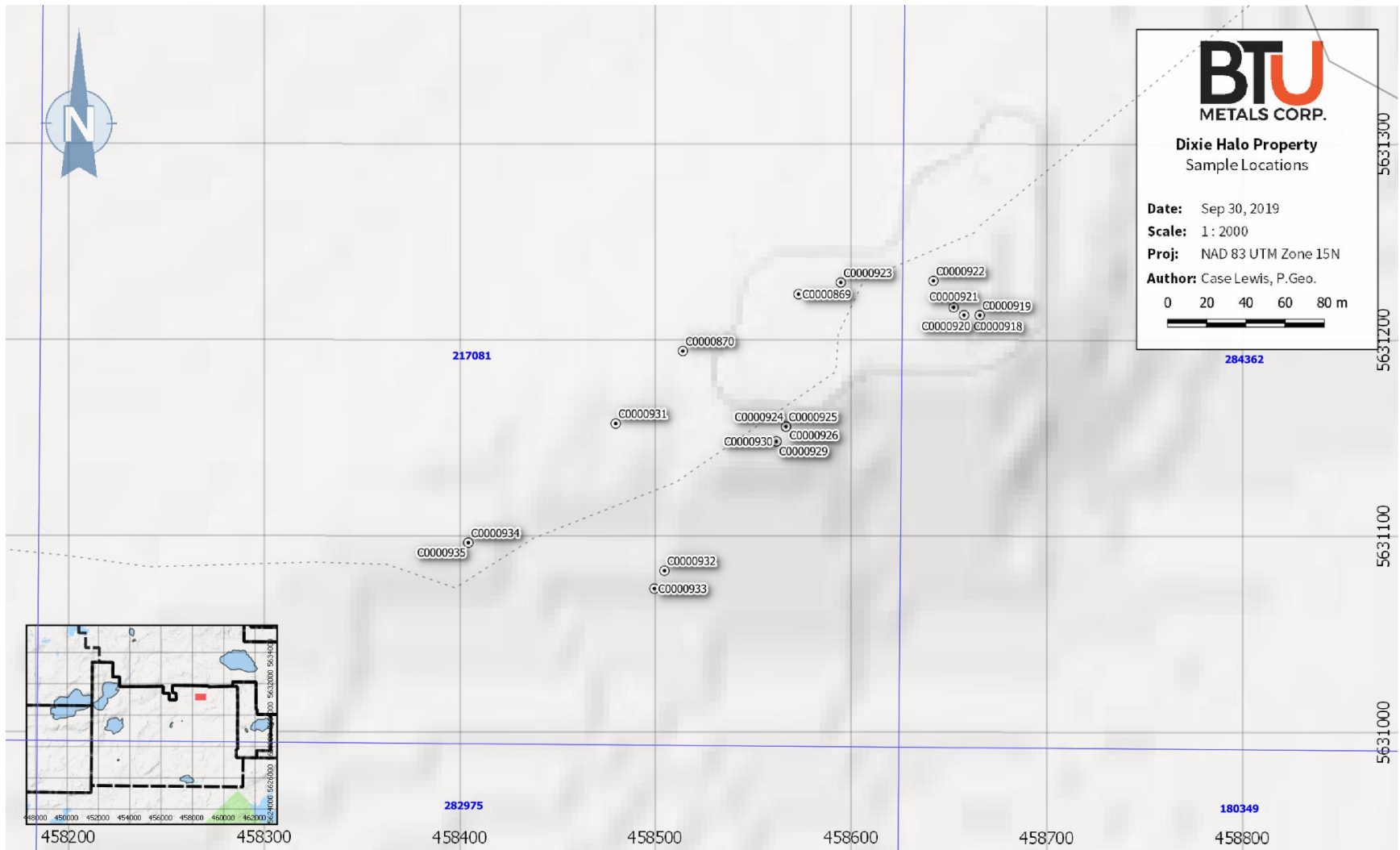


Figure A2.9. Sample locations.

APPENDIX 3 Mapped Lithologies

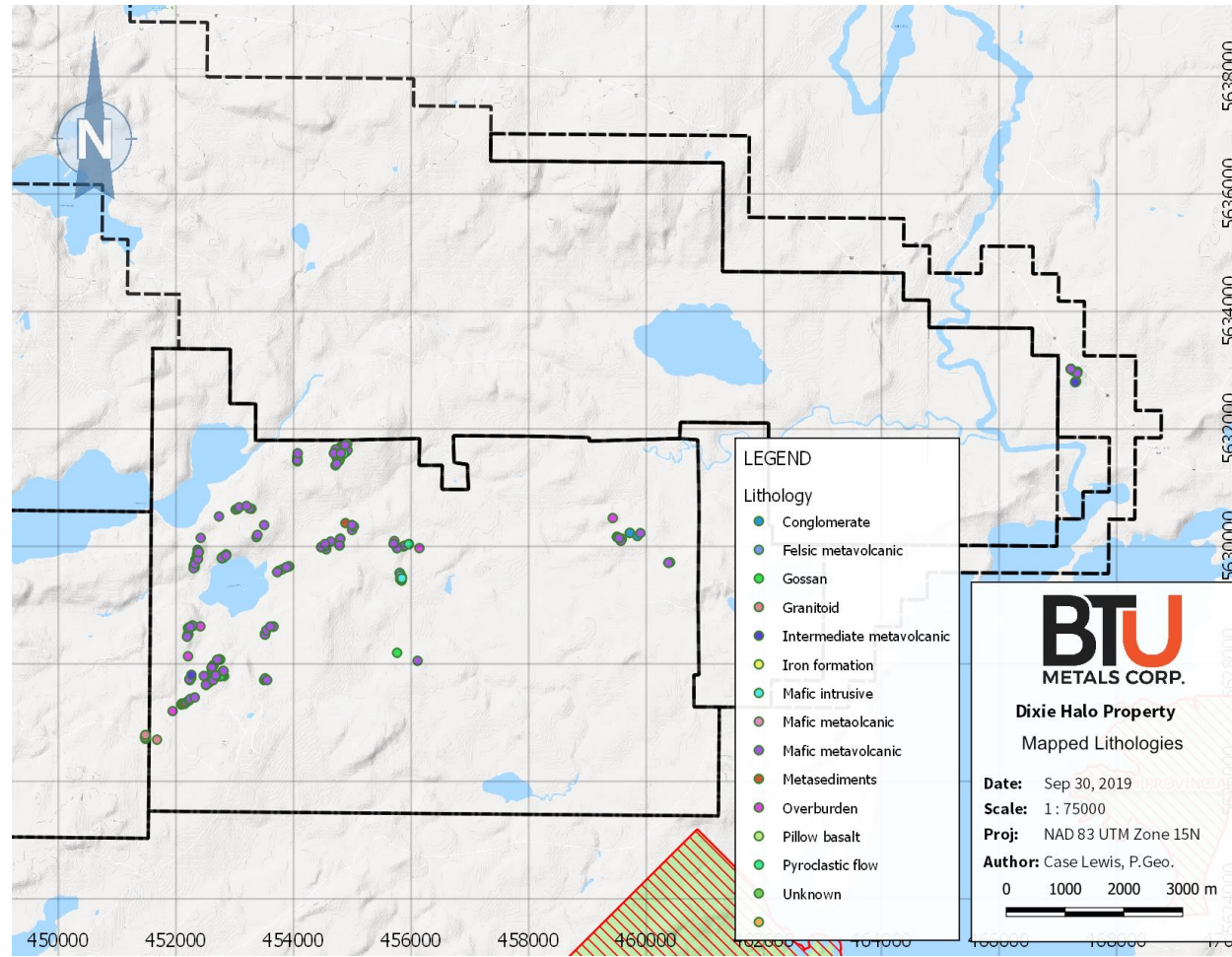


Figure A3.10. Mapped lithologies.

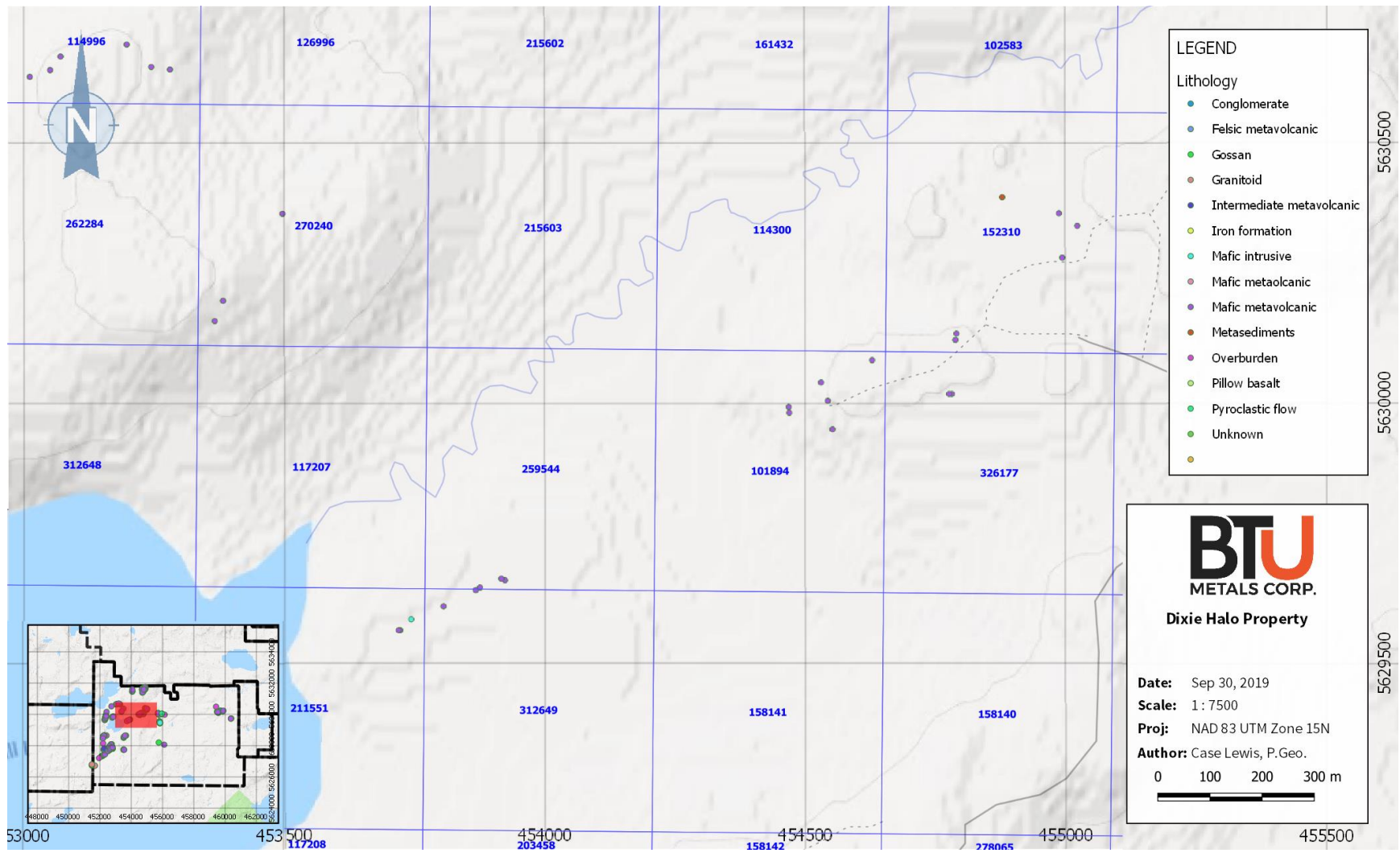


Figure A3.2. Mapped lithologies.

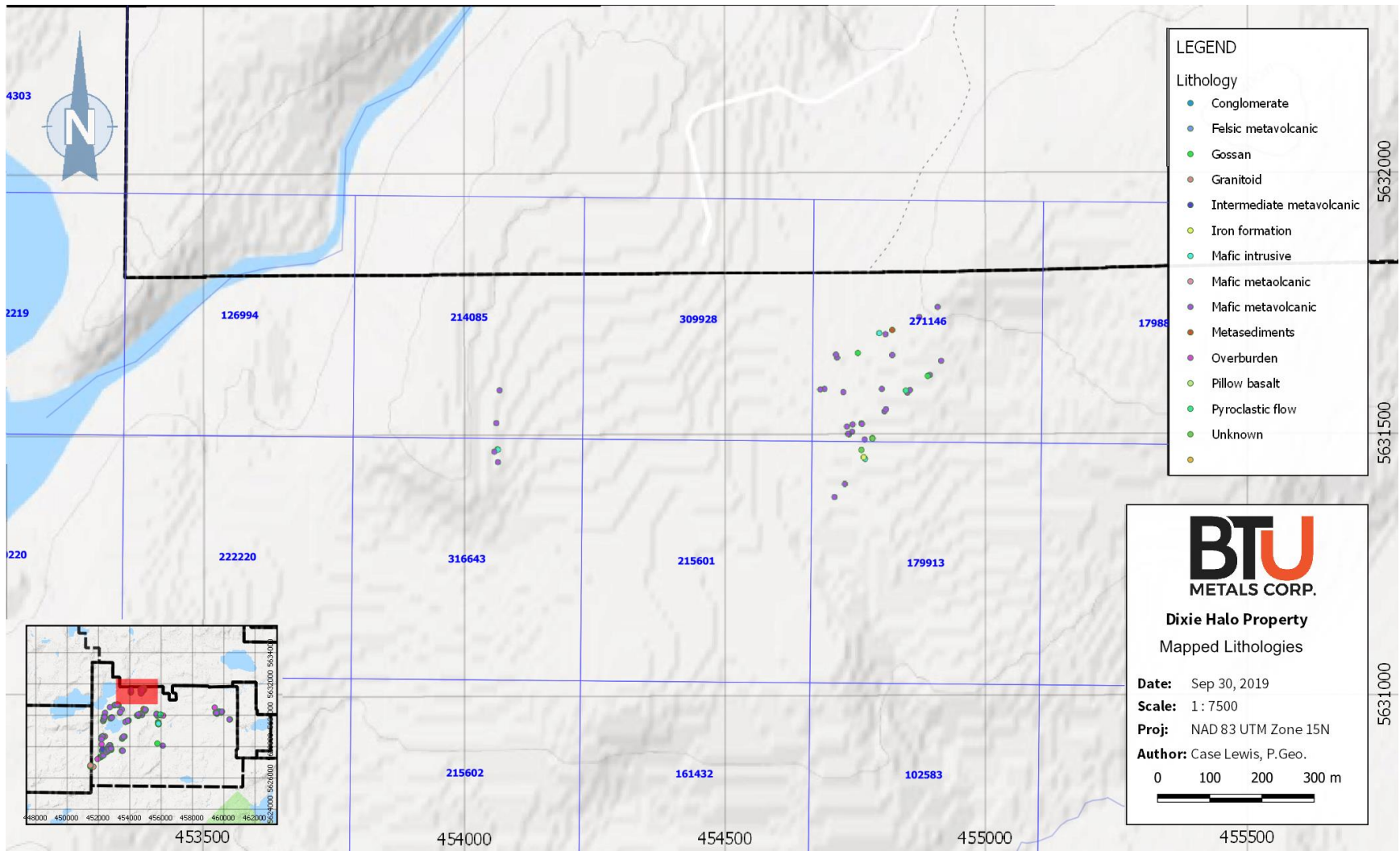


Figure A3.3. Mapped lithologies.

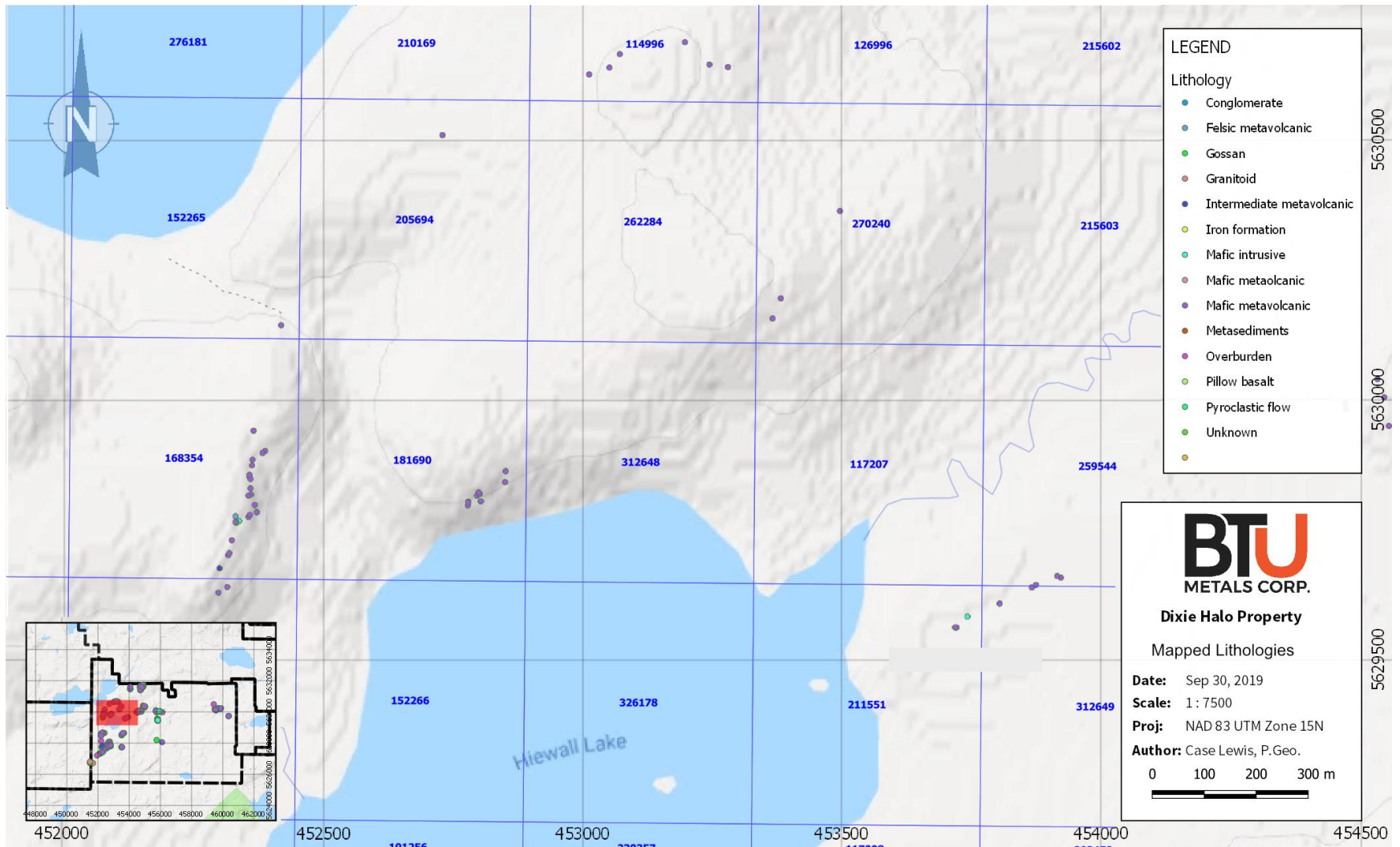


Figure A3.4. Mapped lithologies.



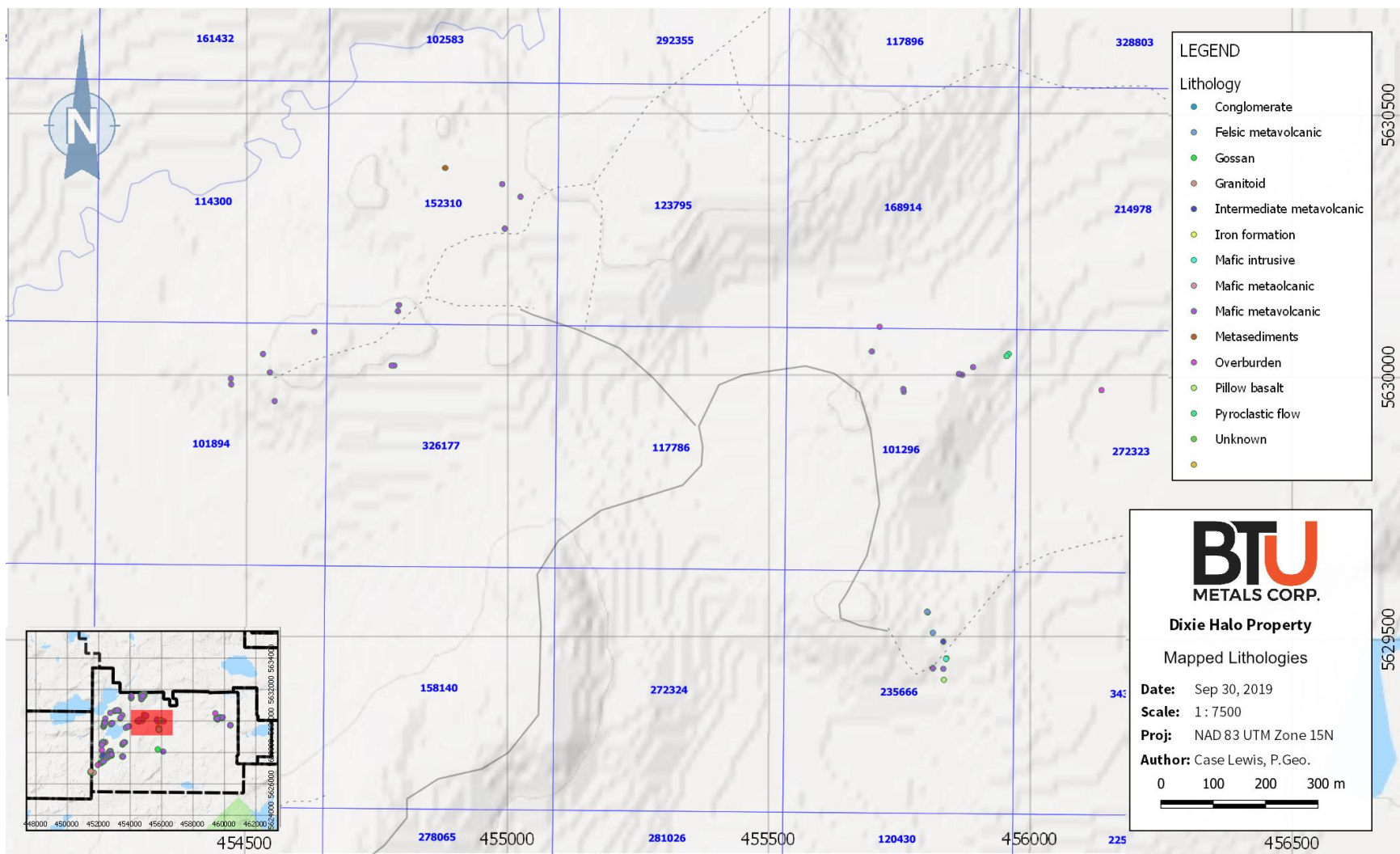


Figure A3.5. Mapped lithologies.



Figure A3.6. Mapped lithologies.

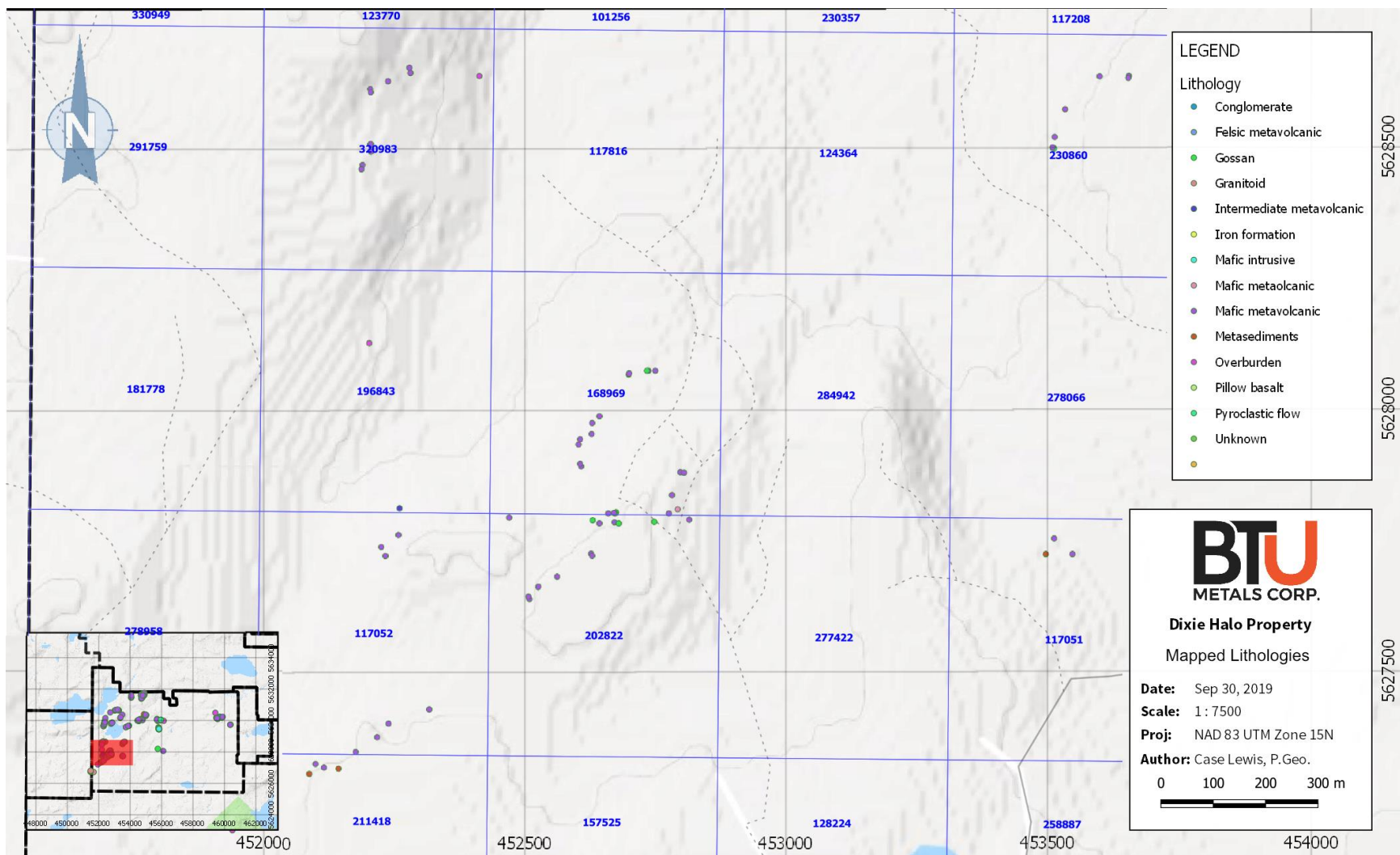


Figure A3.7. Mapped lithologies.

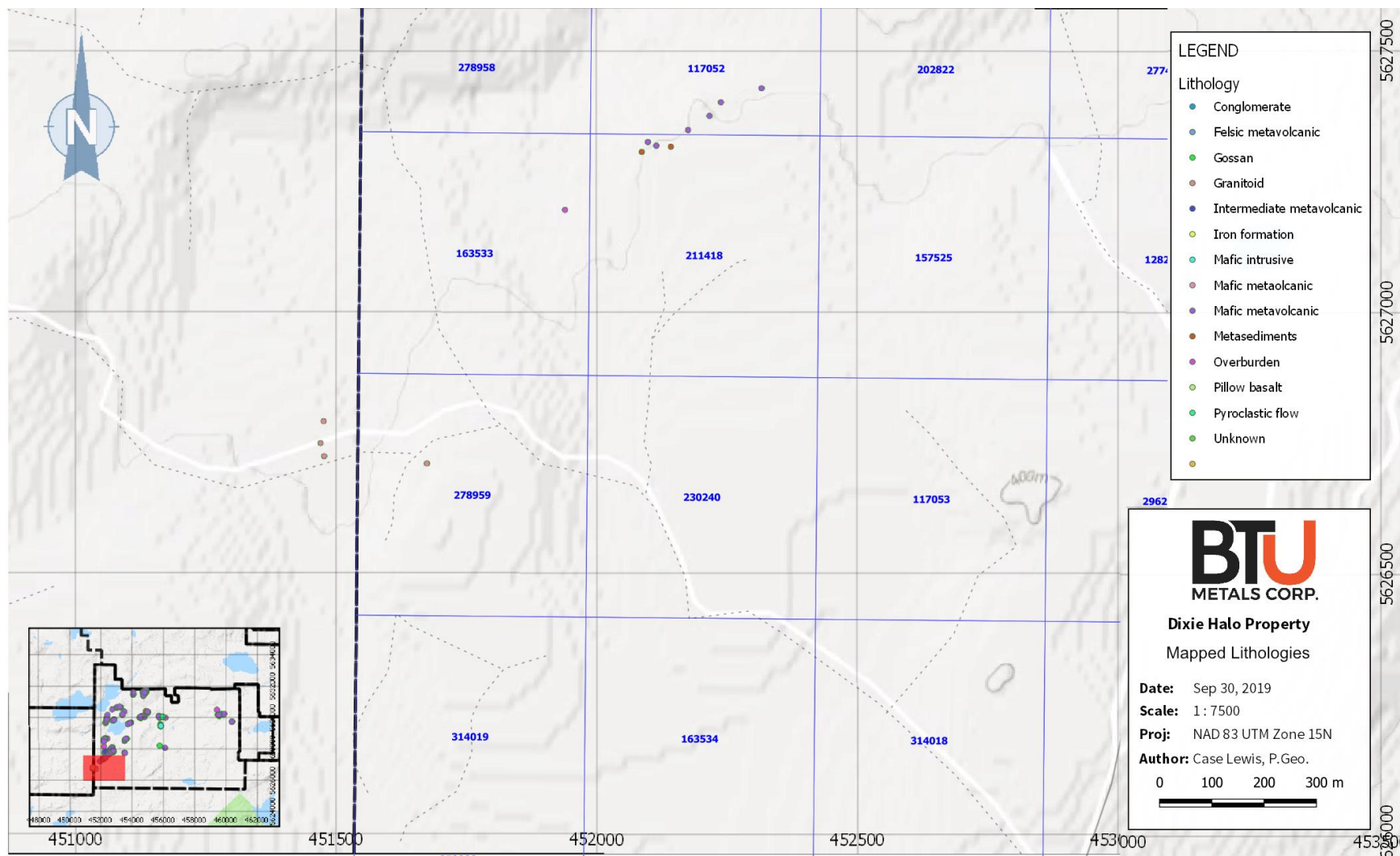


Figure A3.8. Mapped lithologies.

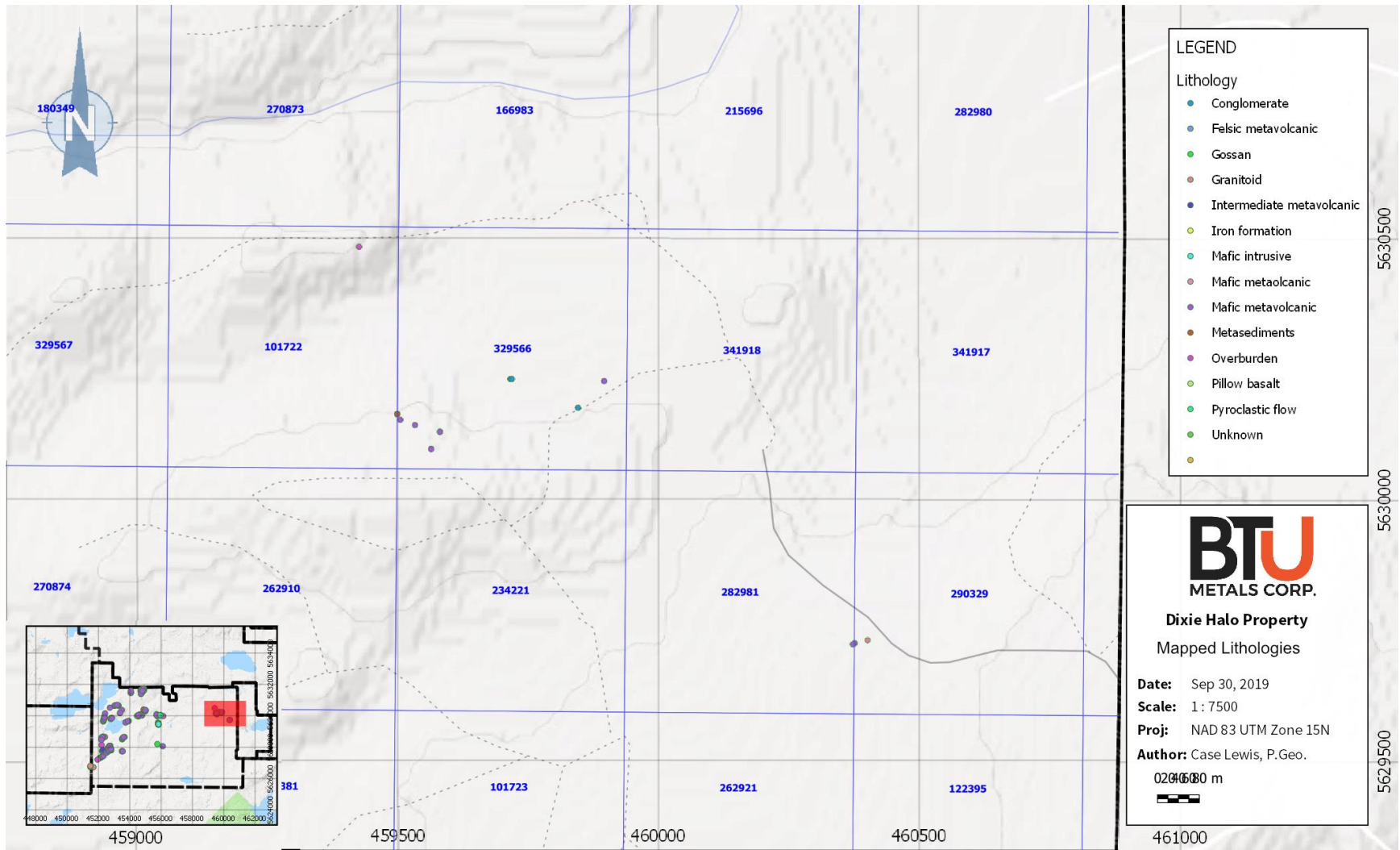


Figure A3.9. Mapped lithologies

# APPENDIX 4 Traverses

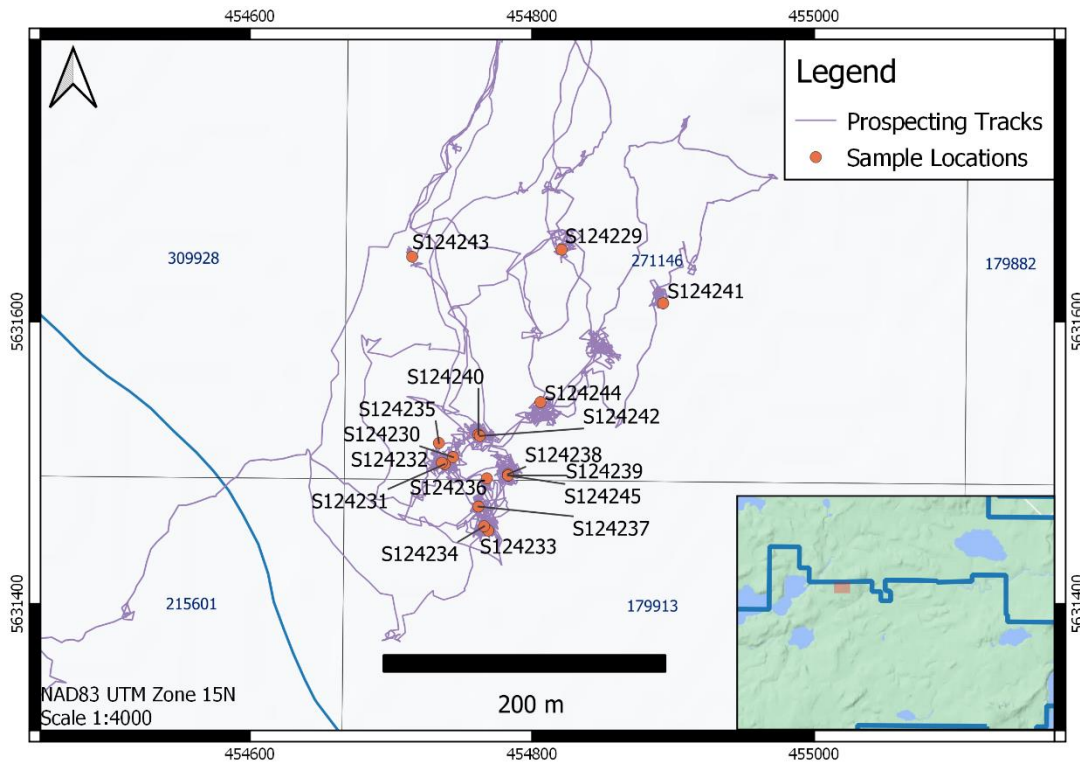


Figure A4.1. Traverses.

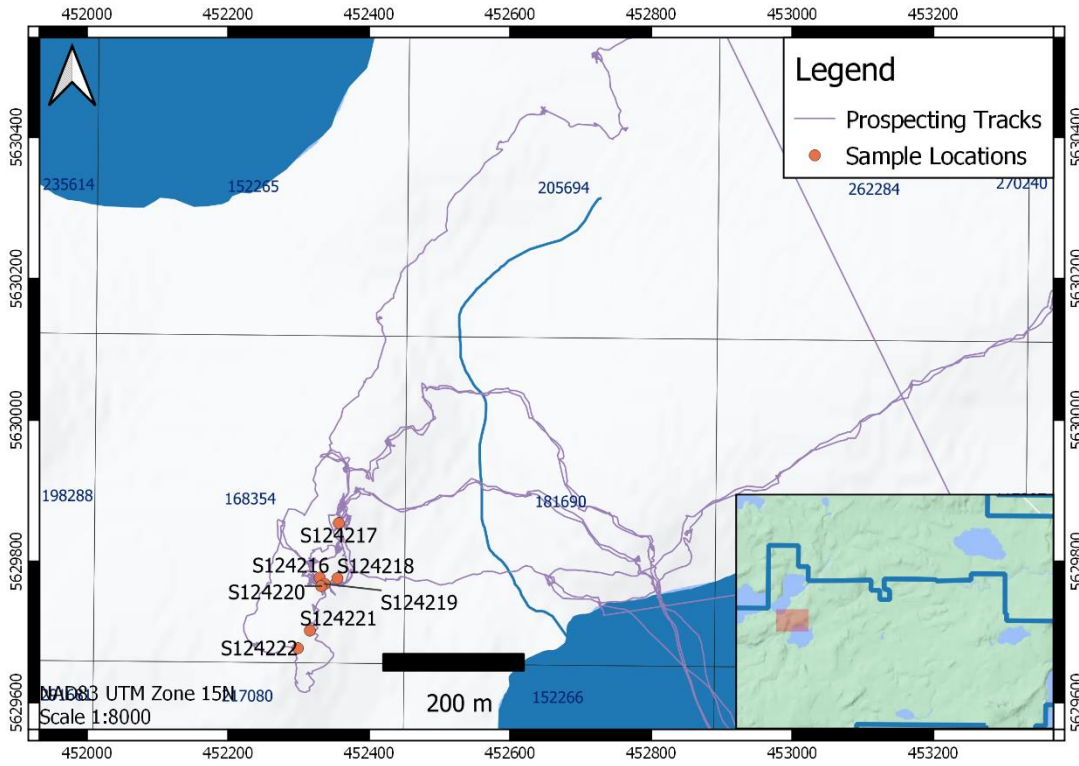


Figure A4.2. Traverses.

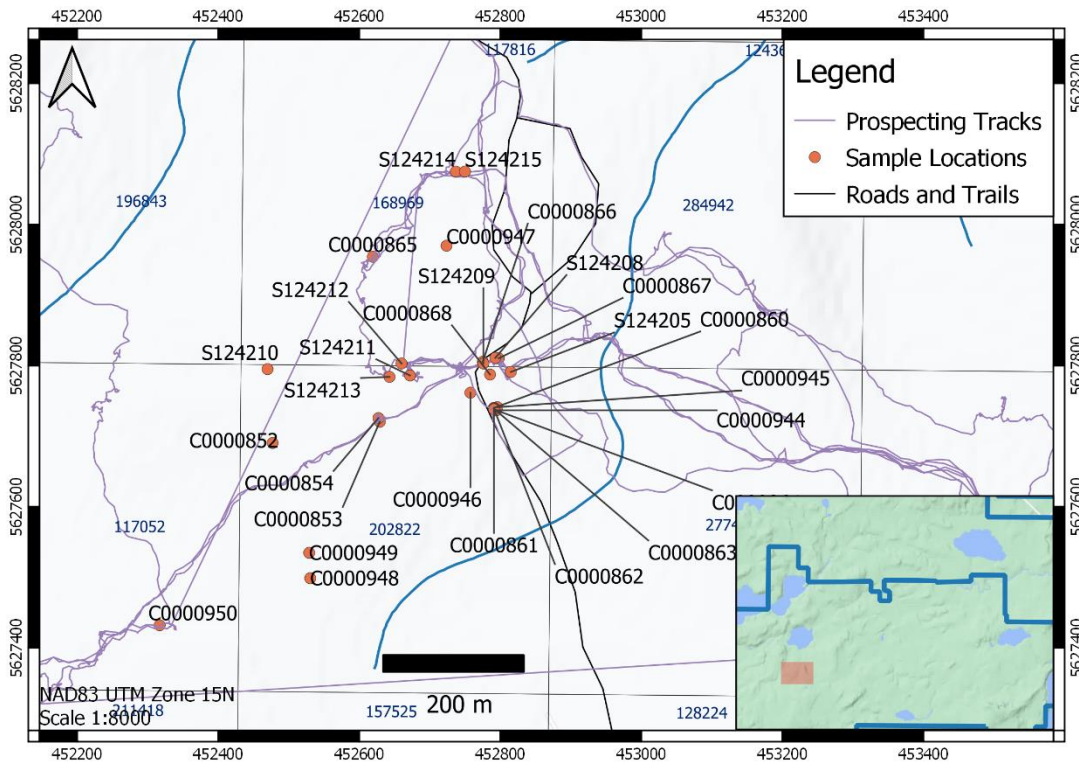


Figure A4.3. Traverses.

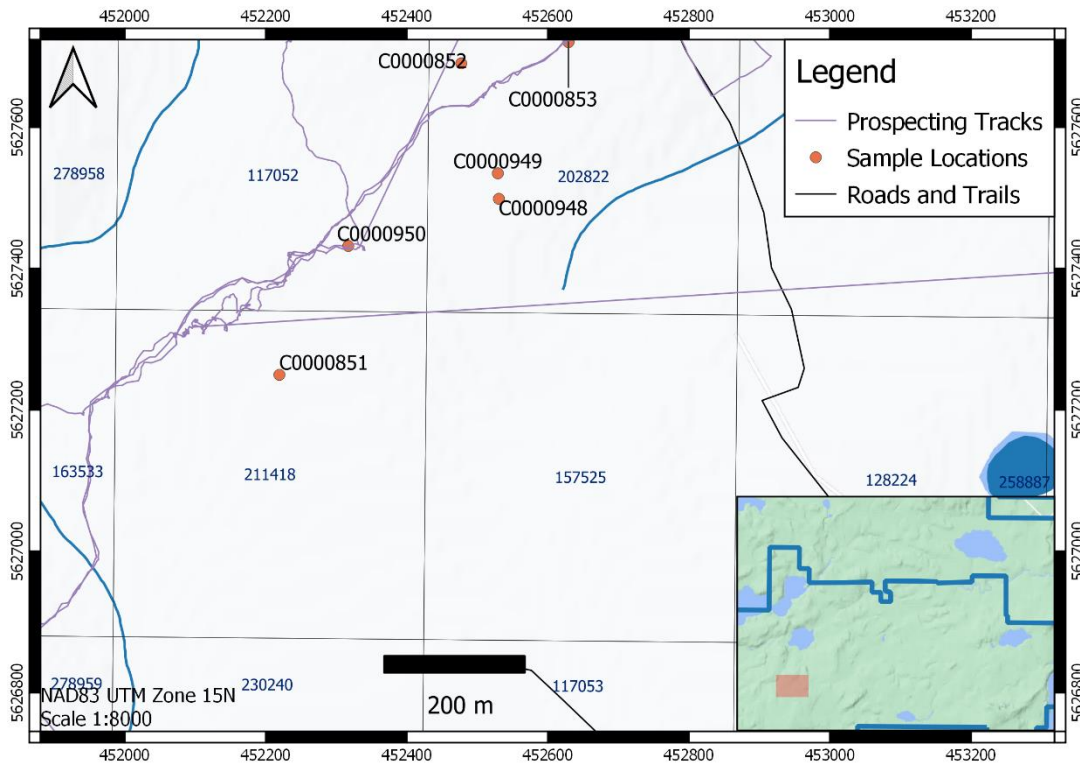


Figure A4.4. Traverses.

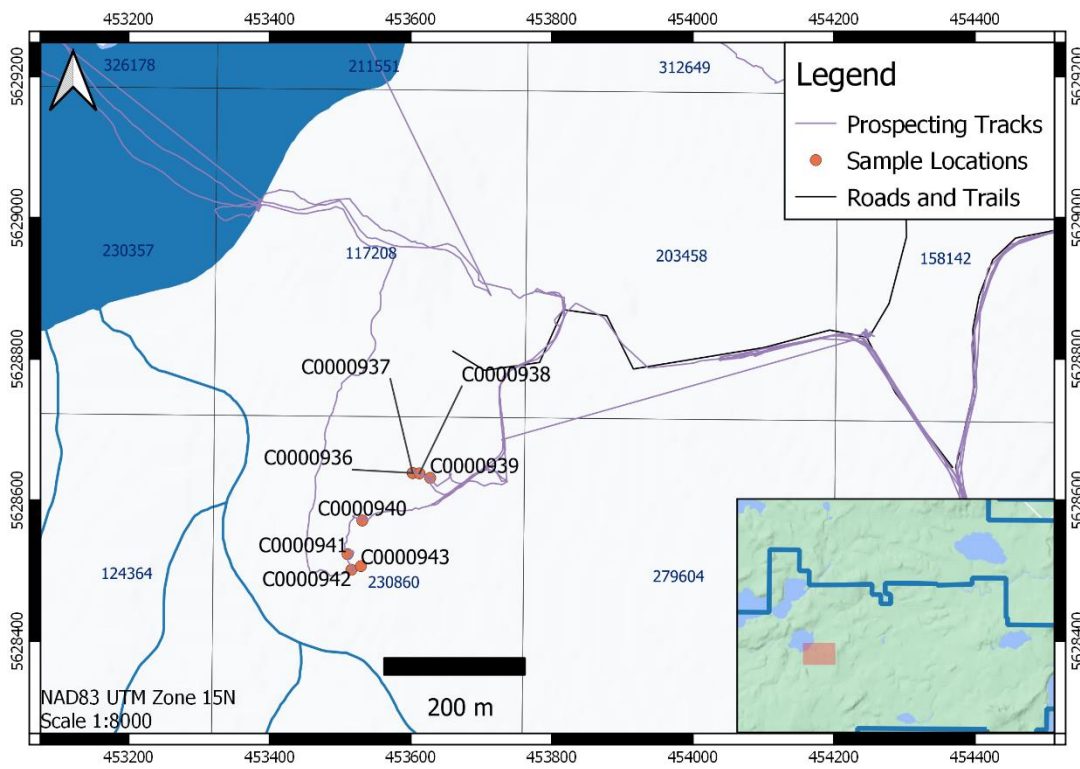


Figure A4.5. Traverses.



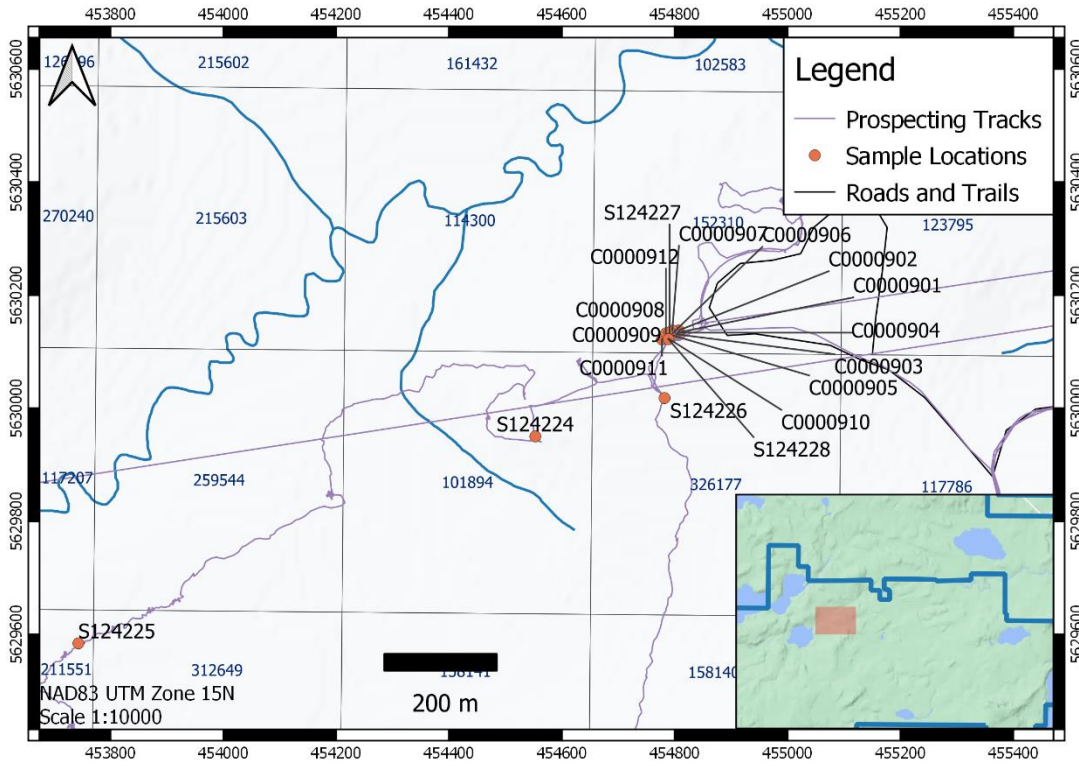


Figure A4.6. Traverses.

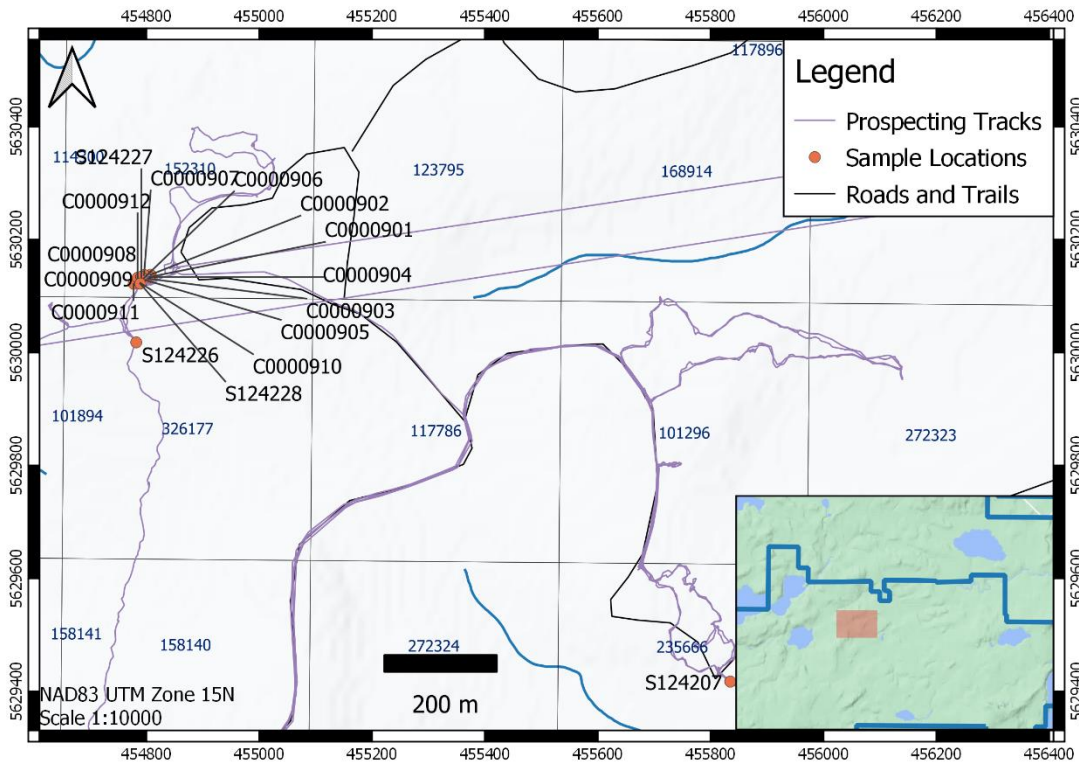


Figure A4.7. Traverses.

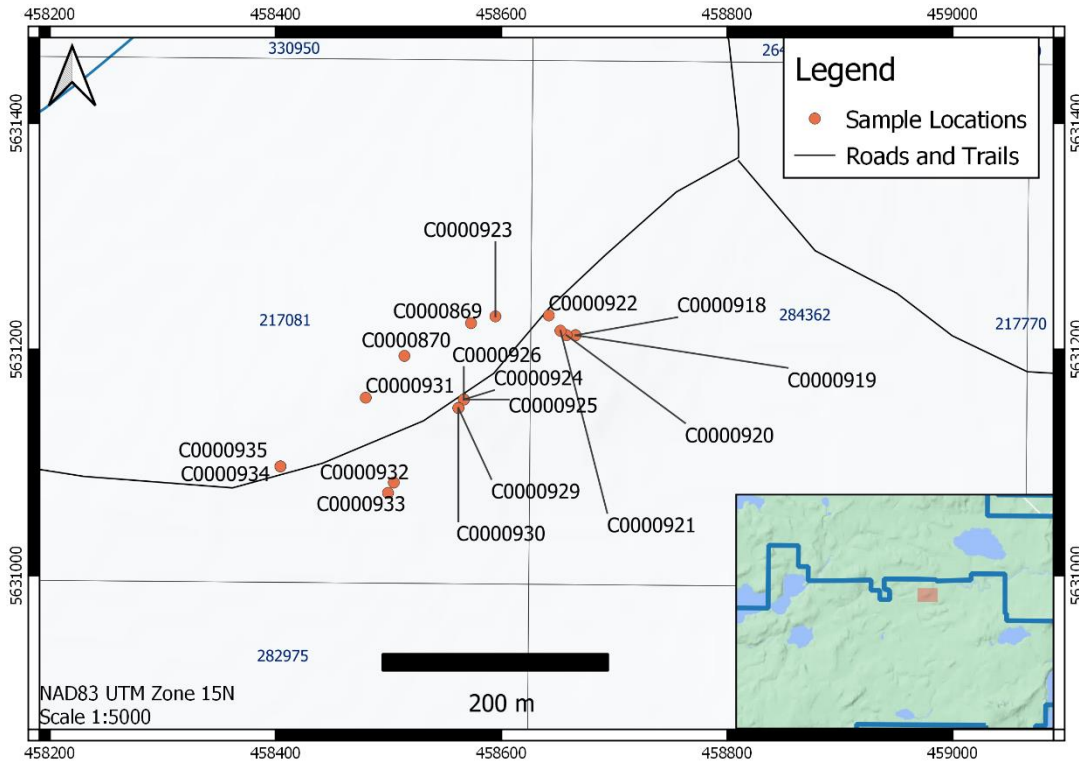


Figure A4.8. Traverses.

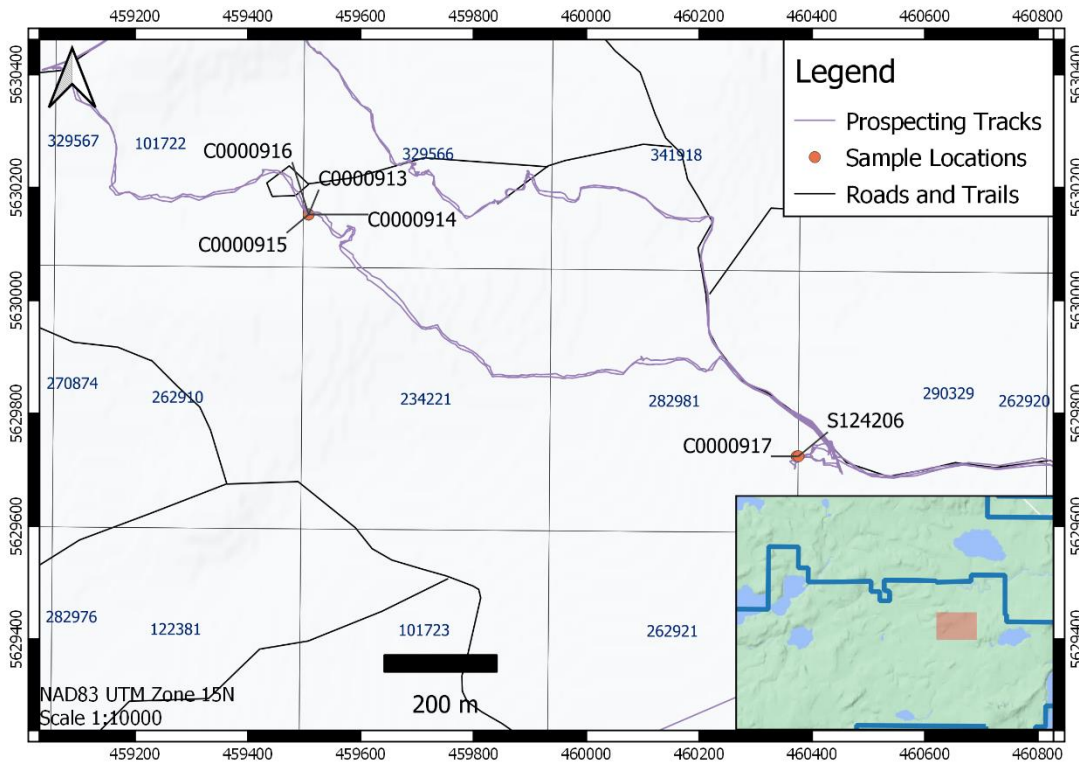
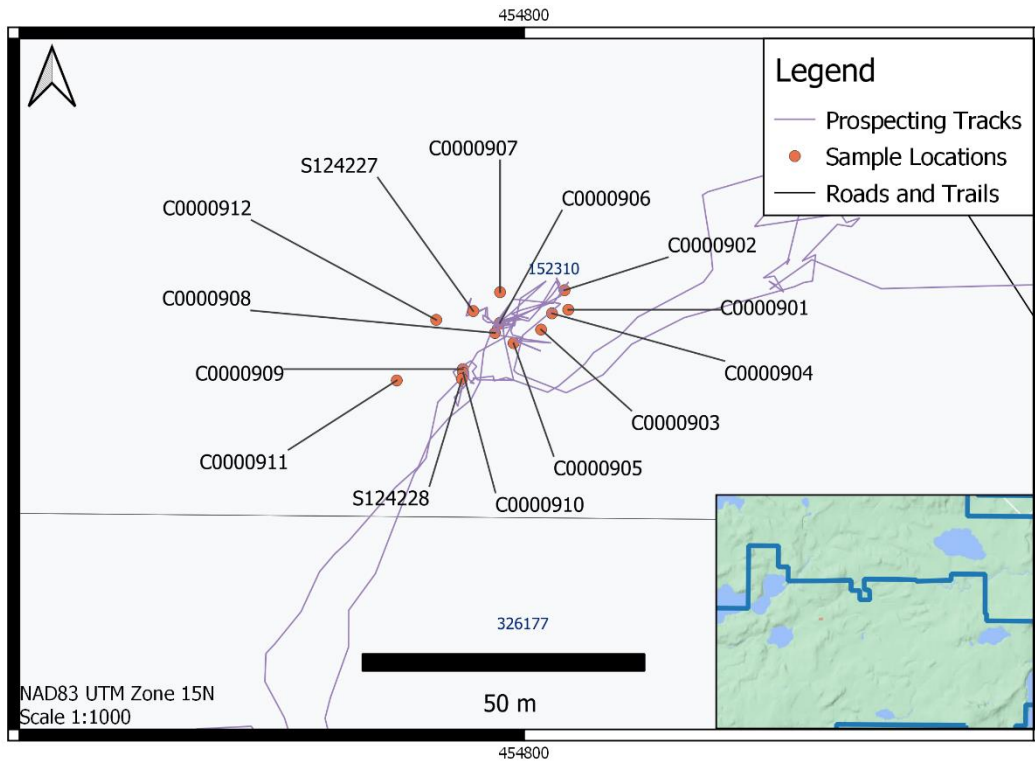


Figure A4.9. Traverses.



**Figure A4.10. Traverses.**