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Grass Roots Prospecting

2021-22

Holmes Lake – Triumph Properties

Haycock Township

Kenora Mining Division

George R. Zebruck
Richard Zebruck
December, 2022

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Introduction:

Grass roots prospecting was carried out on the Holmes Lake – Triumph Property by George Zebruck of Kenora Ontario and Richard Zebruck of Dawson City Yukon beginning on April 17, 2021 to December 15, 2022. The claims are held jointly with a 50% interest each.

Description of the property:

The Holmes Lake Property and the Triumph Property were historically separate entities at the turn of the century. The Holmes Lake Property includes a portion of the area covered by the original mining leases of the past producing Champion Mine. The Triumph Property is located about 2.5 kilometres to the south of the Champion Mine. At present they are part of a contiguous group of 28 mining claims containing 41 cells all located in Haycock township.

Claim No.	555833	Cell No.	52E09K010
	555834		52E09K029
	555835		52E09K028
	555836		52E09K027
	555837		52E09K026
	555838		52E09K030
	556491		52E09K047
	556492		52E09K048
	556493		52E09K049

Claim No.	630663	Multi Cell	52E16C289	52E16C290	52E16C291
			52E16C292	52E16C293	52E16C294
			52E16C311	52E16C312	52E16C313
			52E16C331	52E16C332	52E16C333
			52E16C334		

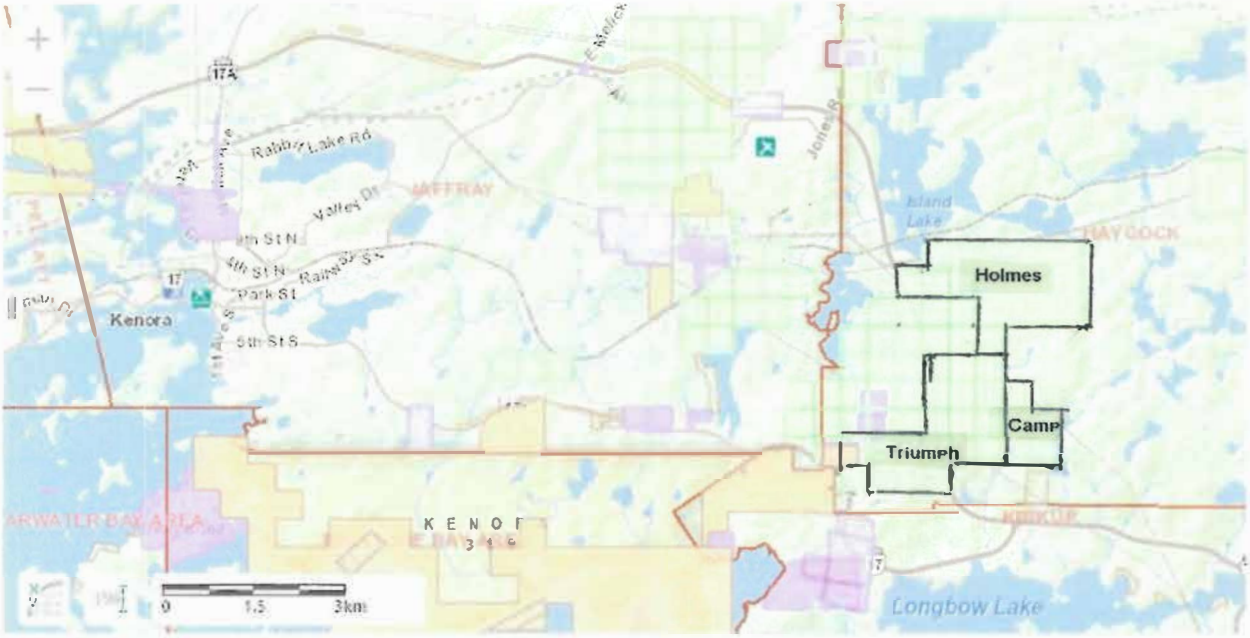
Claim No.	635941	Cell No.	52E16C308
	635942		52E16C309
	635943		52E16C310
	650622		52E16C371
	650623		52E16C390
	650624		52E16C370
	650625		52E16C389
	650626		52E16C391
	650627		52E16C369
	650628		52E16C351
	650629		52E09K031
	659630		52E09K011
	670451		52E09K009

Claim No.	760640	Cell No.	52E09K013
	760641		52E16C392
	760642		52E09K032
	760643		52E09K012
	760644		52E09K033

Location and Access:

The Holmes Lake – Triumph Property is located approximately 11 kilometres east of the city of Kenora and about 5.5 kilometres east of the Kenora Airport. The property is bisected by Highway 17A the Kenora Bypass and 3 high voltage hydro transmission lines. Numerous ATV trails provide good access to this claim group. The CPR main rail line runs within a few hundred metres of the north boundary of the property.

Location Map: Fig. 1



Purpose of the Exploration Program:

- Locate and accurately map historical old workings, pits trenches, shafts and adits, and where practical take rock samples to assess their economic potential.
- To prospect the claims for new showings, accurately document their location using GPS and take samples.
- Prospect for not only the minerals that were historically searched for in the past such as gold but be aware of and on the lookout for other commodities such as the battery minerals.

Traverses:

- Traverses were recorded using a Garmin GPS with tracks recorded on a Google Earth Satellite Image. On some images claim boundary corners were marked by small red flags. Other information was also recorded such as the location of shafts, pits, trenches, quartz veining, aplite dikes, sampling locations etc. When accessing an area using the same trail multiple blue lines are shown so that it was necessary to mark the traverse for that day using a black dashed line. It was not possible to put all these traverses on one map because the tracks are so erratic and the scale on the satellite image varies from traverse to traverse.

Vegetation:

- The vegetation encountered within the boundaries of the property consist of the typical boreal forest tree species. Jackpine is the predominant conifer species. It occurs in areas of shallow soils over bedrock (high ground, hilltops) and on sandy flats. It is accompanied on these locations by scattered or small stands of white and red pine and some deciduous trees where the soil is deeper. Deciduous species poplar and birch generally occupy areas of deeper soils as in gullies and the side slope of hills. Here you can find mixed forest mostly poplar and birch with a component of conifer including the pines, white and upland black spruce and balsam fir.
- Wet lowlands support four distinct types of vegetation.
  Grassy swamps are a product of the activity of beavers.
  Black Spruce, Tamarack, Labrador tea usually found growing on wet peaty bogs
  White Cedar grows mostly in pure stands
  Black Ash also grows mostly in pure stands but can be accompanied by alder and sometimes white cedar which grows around the edges of the swamp.

Composite Geology Map:

- There was no geology map which that we could find covering the entire Holmes Lake – Triumph Property. There are three maps which cover small portions of the property all produced in early part of 1980's. They include OGS Map P.2830 Bigstone Bay Area, northern part and OGS Map P.2618 Kenora – Keewatin Area, eastern part at a scale of 1:15840 and Lincoln Resources Inc. Haycock Township Claim Group at a scale of 1:4690.
- A 1:10,000 base map was obtained from Miisun Integrated Resource Management Co. We used this to create a composite map that incorporated the geology from the three existing maps as well as the GPS locations of the old mine shafts and other workings that we found on our claim group.
- With the differences in map scale and lacking sophisticated imaging equipment the geological information was plotted by hand and while every effort was made to do this accurately there will be some discrepancies. This map will be useful to us in the future as we add geological information on the 50% of the map having no coverage.

Prospecting Field Notes:

April 17, 2021 George Zebruck ½ day

- Prospected the area that included the old workings of the Champion Mine and took GPS readings of their location so that they could be accurately mapped. The host rock is felsic intrusive predominately granodiorite or quartz diorite. Gold mineralization occurs in quartz veins and aplite dikes that filled fractures in the host rock. Following are GPS coordinates of the old workings found on this day.

  Shaft UTM: 0404902 mE 5513459 mN Zone 15

  Adit UTM: 0404930 mE 5513459 mN

  Pit south of Adit UTM: 0404934 mE 5513441 mN

  Trench UTM: 0404834 mE 5513548 mN

  A 2.5 metre wide rusty shear zone strikes 258 degrees. The host rock is granodiorite. An aplite dike is located on the south wall along with quartz veining and sulphide mineralization – we believe this feature to be the eastern extension of the Norway Vein.

May 21,2021 George Zebruck and Richard Zebruck ½ day

- The Champion mine is located on the west side of a swamp and creek that runs for more than 3 kilometres in a north south direction. There is a quad trail (formerly a road) to the mine and a make-shift bridge crossing the creek. Beavers had built a dam at the bridge and flooded the swamp up to the mine site. Part of the afternoon was spent trying to find a way across this swamp to access our claims lying to the east.

- The rest of the afternoon was spent prospecting the east side of Mining Claim 635941 and all of claim 635942 west of the swamp. Here the topography is a series of high hills with considerable rock exposure predominately quartz diorite and or granodiorite. In the gullies between the hills there is enough soil to support forest growth of poplar, white birch and conifers.

- The following old workings or geologic features were found:

  Trench 23 metres long, striking 13 degrees, debris covered bottom requires cleaning and sampling. We believe this feature may be the Hilltop Vein.

  UTM: 0404810 mE 5513569 mN to UTM: 0404815 mE 5513591 mN

Shearing	Is located at the base of a cliff that drops into the swamp. UTM: 0404837mE 5513588 mN This shear in granodiorite contains stringers of quartz and pegmatite patches. It continues on the top of the cliff but requires some stripping to achieve better exposure before sampling.
Pit	Small pit at bottom of cliff UTM: 0404833 mE 5513577 mN
Aplite Dike	UTM: 0404780 mE 5513663 mN

May 24, 2021 Richard Zebruck 1 day

- Todays project was to determine what access was available via old quad trails to our claims to the east of the swamp. Once across the swamp north of the Champion mine a quad trail leads 1 kilometre in a northerly direction to a hydro transmission line and from there east along the line for a distance of 2 kilometres where it exits the claim block north of cell 52E16C292. Travel was difficult due to the many swamp or otherwise muddy wet spots that required traversing as well as deadfall that needed to be removed. Along the way the rock types encountered were noted, but no detailed prospecting was undertaken. Rocks were predominately felsic to intermediate intrusive rocks granodiorite and or quartz diorite. The location of two small pegmatite veins were noted as follows:

  5 inch wide pegmatite vein – quartz + potassium feldspar
  UTM: 0405707 mE 5514262 mN

  7 inch wide pegmatite vein – smoky quartz + feldspar
  UTM: 0405397 mE 5514224mN

- After returning to the Champion Mine site the quad trail goes for the most part in a southerly direction for a distance of about 5 kilometers. It goes through mining claims 650628, 650622, and cuts the northeast corner of 650626. It then heads in a southeast direction just to the east of claim 650630 then turns to the southwest passing through claim 650629. From here the trail goes southeast and ends at Highway 17.

- The rocks encountered on this southern leg were very interesting. A contact between the quartz diorite intrusive rocks and mafic volcanic rock is located on the trail at UTM: 0405390 mE 5512801 mN. From this point south along the trail the predominant rock type is mafic volcanic to UTM: 0405928 mE 5510815 mN the southern contact with granodiorite.

- These areas of mafic volcanic rocks warrant further prospecting

June 6, 2021 George Zebruck, Richard Zebruck 1 day

- In 2015 Canstar Resources conducted Soil Gas Hydrocarbon (SGH) surveys over an area which included the Holmes Lake Area. The surveys interpreted a shallow gold anomaly (within 50 meters of surface) at a location near UTM: 0406495 mE 5513736 mN. They also predicted a deeper copper anomaly centered near UTM: 0406684 mE 5513480 mN
- Our objective was to traverse to these locations and look at the surface rock for any evidence of mineralization. Unfortunately the gold anomaly was found to be in a wet spruce swamp with not a lot of nearby rock outcrop. Rock over the copper anomaly was principally quartz diorite with no encouraging sulphide mineralization. No samples were taken.
- There were numerous patches of volcanic rock within the quartz diorite intrusive. A sharp contact between the mafic volcanic rock and quartz diorite was observed at UTM: 0406452 mE 5513841 mN. Fine grained quartz diorite with patchy potassic alteration was found at UTM: 0406280 mE 5514241 mN.
- We were not encouraged by what we observed and conclude that the only way to test the gold anomaly would be through drilling.

June 27, 2022 George Zebruck 1 day

- Accompanied Ethan Amyotte, Kenora District Geologist on a property visit to the Triumph Mine site and to look at the outcrops along Highway 17A Kenora Bypass.
- Examined the fractured quartz veins and the many shear zones around the Triumph shaft. Looked at the massive tourmaline outcrop – he took a large sample chunk of material having long black radiating tourmaline crystals. We discussed the possibilities of MNDM obtaining samples from the waste rock dump of the Triumph Mine for mineral inventory purposes.
- Ethan took a sample from the waste dump at UTM: 404364 mE 5511197 nN for gold and multielement analysis.
- We looked at the multitude of quartz veins, quartz tourmaline veins, shearing, sulphide mineralization, and folding encountered in the rocks along Highway 17A trying to determine why previous sampling results for gold was so poor.
- Ethan took two samples at the following location - UTM: 404779 mE 5511468 mN again for gold and multielements.

August 15, 2022 Richard Zebruck ½ day

- Conducted further prospecting on claim 635942 north of the aplite dike found last year on May 21, 2021 at UTM: 0404780 mE 5513663 mN. The intent was to try to locate the continuation of this dike to the northeast.
- A debris filled pit with broken quartz around it was located at UTM: 0404703 mE 5513573 mN. The pit needs cleaning before sampling.

- The rock to the north of the pit was quartz diorite but about 75 metres to the north turned more pinkish due to a more abundant content of potassium feldspar and pink aplite dikes running throughout.
- Small 4 inch wide quartz vein found at UTM: 0404718 mE 5513727 mN

August 17,2022 George Zebruck, Richard Zebruck 1 day

- Searched for the Holmes and David veins west of Holmes Lake. We found two debris filled trenches which we believe are the location of both veins. GPS coordinates were taken at the location of the workings including cross trenches. The average depth of overburden is about 2 feet. The trenches are covered by mostly balsam fir and poplar.

Holmes vein trench	UTM: 0405104 mE 5513558 mN	to	UTM: 0405160 mE 5513587 mN
David vein trench	UTM: 0405122 mE 5513584 mN	to	UTM: 0405186 mE 5513593 mN
David vein west cross trench	UTM: 0405132 mE 5513586 mN	to	UTM: 0405136 mE 5513589 mN
David vein east cross trench	UTM: 0405172 mE 5513597 mN	to	UTM: 0405168 mE 5513584 mN

- The trenches are debris filled and will require cleaning before they can be sampled. Three samples were taken from outcrop near Holmes Lake.

Sample No.	Location
247001	UTM: 0405136 mE 5513589 mN Zone 15
247005	UTM: 0405182 mE 5513584 mN
247006	UTM: 0405188 mE 5513603 mN

- Figure 1 shows the location of the trenches and samples taken on August 17th and August 22nd.

- Later in the afternoon we resampled a sulphide rich zone along Highway 17A for multi elements previously only sampled for gold. Sample numbers and location are as follows

Sample No.	Location
247002	UTM: 0404868 mE 5510650 mN Zone 15
247003	UTM: 0404868 mE 5510648 mN
247004	UTM: 0404868 mE 5510652 mN

August 22, 2022 Richard Zebruck ½ day

- Parked quad on the east side of the swamp just across from the Champion mine. Proceeded northeast and found a number of level pits which looked like building foundations likely from the old mine site. Here were many little vertical embankments of very coarse-grained glassy quartz diorite.
- An old trail led to a shear at 0404994 mE 5513704 mN exposed on a cliff face. The shear had a strike of 80 degrees. In the horizontal plane the rock composition varies from granodiorite at the top to quartz diorite and then quartz diorite with inclusions of andesite at the bottom.
- Proceeded east uphill over granodiorite and found an aplite dike, 9 inches wide at location UTM: 0405082 mE 5513601 mN, striking 45 degrees and dipping 85 degrees south.
- Proceeded northeast and found a 1 metre wide aplite dike at UTM: 0405122 mE 5513668 mN having a strike of 82 degrees hosted in coarse grained quartz diorite.
- Travelled to the west edge of Holmes Lake to the location of a quartz vein within a 75 centimetre wide shear in andesite. This shear is located beside a 1.5 metre aplite dike striking 60 degrees.
- Took 2 samples:

1035400	UTM: 0405201 mE 5513607 mN
247007	UTM: 0405189 mE 5513604 mN

August 25, 2022 Richard Zebruck 1 day

- Prospected northward in proximity to the west boundary of mining claim 635942.
- 20 metres north of access trail located a quartz vein striking 325 degrees. Hand stripped an area 2metres by 7 metres on the 2metre wide vein that pinches and swells along strike. It follows the contour of a cliff and disappears under overburden.
- Took 3 samples across a 2 metre section at UTM: 0404639 mE 5513592 mN.

Sample	Description
247008	Quartz 5 ft. from granodiorite wall rock
247009	Quartz mixed with aplite or rhyolite 1 foot away from wall rock
247010	Quartz plus aplite or rhyolite 3.5 ft from wall rock

- Followed strike of quartz vein at 325 degrees for 60 metres finding spots of quartz mixed with aplite or rhyolite in granodiorite host rock along a cliff wall. Found 2 parallel 4 inch wide quartz veins 1 foot apart mixed with aplite or rhyolite. Veins run on strike but appear to dip at 80 degrees northeast. Took sample 247011 at UTM: 0404651 mE 5513649 mN
- 17 metres to the northwest a cross cutting shear zone strikes 45 degrees. It hosts an aplite dike and quartz veining in sheared basalt.

  Sample 247012 taken at UTM: 0404608 mE 5513664 mN

October 26, 2022 George Zebruck 1 day

- Prospected along a series of quad trails that begin on Highway 17A at a location UTM: 0406320 mE 5509772 mN and in a general northern direction. These quad trails were formerly narrow roads that accessed the hydro transmission lines that cross this area. For the first approximately 2 kilometres along the trail the rock is predominately granodiorite from the most westerly extent of the Dryberry Batholith. At UTM: 0405928 mE 5510815 mN there is a contact between the granodiorite and metavolcanic rocks that lie to the north. Mafic metavolcanic rocks are found along the entire side trail that progresses northeast between Camp Lake and Puma Lake. The trail runs close to a small pond and at location 0406159 mE 551100 mN a rusty shear zone can be found on the north side of the old road. Large chunks of rusty quartz and sheared wall rock can be found buried in the roadbed. A grab sample of this material was taken (247013).
- A rusty shear striking 60 degrees was found at location UTM: 0406255 mE 5511607 mN. Minor stripping and use of a diamond bladed sampling saw will be required to obtain a suitable sample.
- A quartz vein striking 90 degrees in mafic volcanic rock was found on the main quad trail at UTM: 0406130 mE 5511657 mN. Stripping and use of a diamond bladed sampling saw will again be required to obtain a proper sample.
- A short side road to the north hydro transmission line ends at UTM: 0406070 mE 5512086 mN. A contact between the metavolcanic rocks and quartz diorite was found here.
- Quartz Diorite was also found on the main road going north at UTM: 0405881 mE 5512072 mN.
- Mafic volcanic rock on road at UTM: 0405390mE 5512801 mN is very close to the contact with the Island Lake quartz diorite intrusion which can be observed on the hydro line at UTM: 0405332 mE 5512792 mN.

November 1, 2022 George Zebruck 1 day Stripping and Sampling

- Stripping and sampling were carried out on the rusty shear and the quartz vein located on October 26th. About 2 square metres of stripping was carried out in to expose the shear zone and sample no. 247014 was cut using a diamond bladed sampling saw.
- Similarly about 2 square metres of dirt was removed from the surface of the quartz vein and two samples 247015 and 347016 were removed

Description of Samples

Sample No. 1035399

- Location – West side of Kenora Bypass – Highway 17A Triumph
  UTM: 0404950 mE 5510350 mN Zone 15

- Description – Coarse grained granodiorite with blue, green, and clear quartz, pink feldspar, biotite, unidentified black mineral and pyrite. Sample taken near the contact of the Dryberry Batholith and greenstone.

- Assay Results: Au <5 ppb

Sample No. 10353400

- Location – Holmes Lake
  UTM: 0405201 mE 5513607 mN

- Description – Reddish brown rhyolite with odd fine crystal of pyrite

- Assay Results: Au 6 ppb

Sample No. 247001

- Location: North side of westernmost cross trench Holmes vein
  UTM: 0405136 mE 5513589 mN

- Description – Rhyolite with rare cubed pyrite

- Assay Results: Au <5 ppb

Sample No. 247002

- Location – West side of Highway 17A Kenora Bypass
  UTM: 0404868 mE 5510650 mN

- Description – Semi massive sulphides 40% estimate silvery looking with odd patches of chalcopyrite in a milky to smoky quartz matrix – rusty gossan patches

- Assay Results: Au 16 and 27 ppb Pd 5 ppb

Sample No. 247003

- Location – in sulphide zone on west side of Highway 17A Kenora Bypass
  UTM: 0404868 mE 5510648 mN

- Description – Fine sulphides in highly sheared rusty grey rock

- Assay Results: Au 12 and <5 ppb Cr 210 ppm Zn 240 ppm

Sample No. 247004

- Location – in sulphide zone on west side of Highway 17A Kenora Bypass
  UTM: 0404868 mE 5510652 mN

- Description – 1-2% fine sulphides in dark smoky quartz with lesser sugary to clear quartz rusty fracture planes.

- Assay Results: Au 21 and 27 ppb

Sample No. 247005

- Location – South of Holmes Vein at Holmes Lake
  UTM: 0405182 mE 5513584 mN

- Description – 20 centimetre wide barren looking quartz in narrow shear in sheared diorite.

- Assay Result: Au < 5 ppb

Sample No. 247006

- Location – 10 metres north of where Holmes Vein enters Holmes Lake
  UTM: 0405188 mE 5513603 mN

- Description – Combination of two rock types 1) sheared mafic intrusive rock with fine pyrite and small quartz phenocrysts (looks like porphyry), 2) Mafic to intermediate intrusive rock with magnetite and imbedded quartz crystals.

- Assay Results: Au < 5 and 8 ppb

Sample No. 247007

- Location – Champion Mine Holmes Lake area
  UTM: 0405189 mE 5513606 mN

- Description – Sheared diorite with fine disseminated sulphides and purple garnet

- Assay Results: Au 21 and 27 ppb

Sample No. 247008

- Location – Champion Mine Holmes Lake Area – quartz vein by trail
  UTM: 0404639 mE 5513592 mN

- Description – Predominately barren looking white quartz with some black quartz and rusty inclusions.

- Assay Results: Au < 5 ppb

Sample No. 247009

- Location – Champion Mine Holmes Lake area – vein 30 cm. away from wall rock
  UTM: 0404639 mE 5513592 mN

- Description – Unidentified black mineral with inclusions of glassy – smoky quartz, pink feldspar, odd speck of sulphides.

- Assay Results: Au < 5 ppb

Sample No. 247010

- Location – Champion Mine Holmes Lake area – 1 metre from foot wall rock.
  UTM: 0404639 mE 5513592 mN

- Description – Similar to sample 247009 but more pink feldspar and odd speck of sulfides, speck of bornite.

- Assay Results: Au < 5 ppb

Sample No. 247011

- Location – Champion Holmes Lake area.
  UTM: 0404615mE 5513649 mN

- Description – Quartz vein, barren looking mixture of white quartz and dark silicious looking black quartz or other unidentified black mineral and some fine sulphides.

- Assay Results: Au < 5 ppb

Sample No. 247012

- Location – Champion Holmes Lake area.
  UTM: 0404608 mE 5513664 mN

- Description – Fractured vein carrying clear and smoky quartz, chunks of rhyolite, unidentified black mineral and odd fine pyrite

- Assay Results: Au < 5 ppb

Sampling Record -2022

Camp Lake Area

Sample No. 247013

- Location - UTM: 0406159 mE 5511001 mN Zone 15

- Description – Sugary to smoky quartz with disseminated and stringy sections of pyrite and silvery looking sulphides with brown and purple gossan on broken surfaces and fracture planes. Vein is hosted in sheared volcanic rocks. Grab sample

- Assay Results:

Sample No. 247014

- Location - UTM: 0406255 mE 5511607 mN Zone 15

- Description – Rusty sheared volcanic rocks strike 60 degrees and dips steeply southsoutheast. Matrix looks felsic with bands of mafic material running through it. Pyrite is in long stringers parallel to the shear direction and is predominantly confined to the mafic material. Saw sample 50 cm.

- Assay Results:

Sample No. 247015

- Location – UTM: 0406130 mE 5511657 mN Zone 15

- Description – Glassy white to smoky quartz vein in andesite strikes 90 degrees. No sulphides observed in the sample. Saw sample 55 cm. but vein width is not known as hanging wall dips under overburden.

- Assay results:

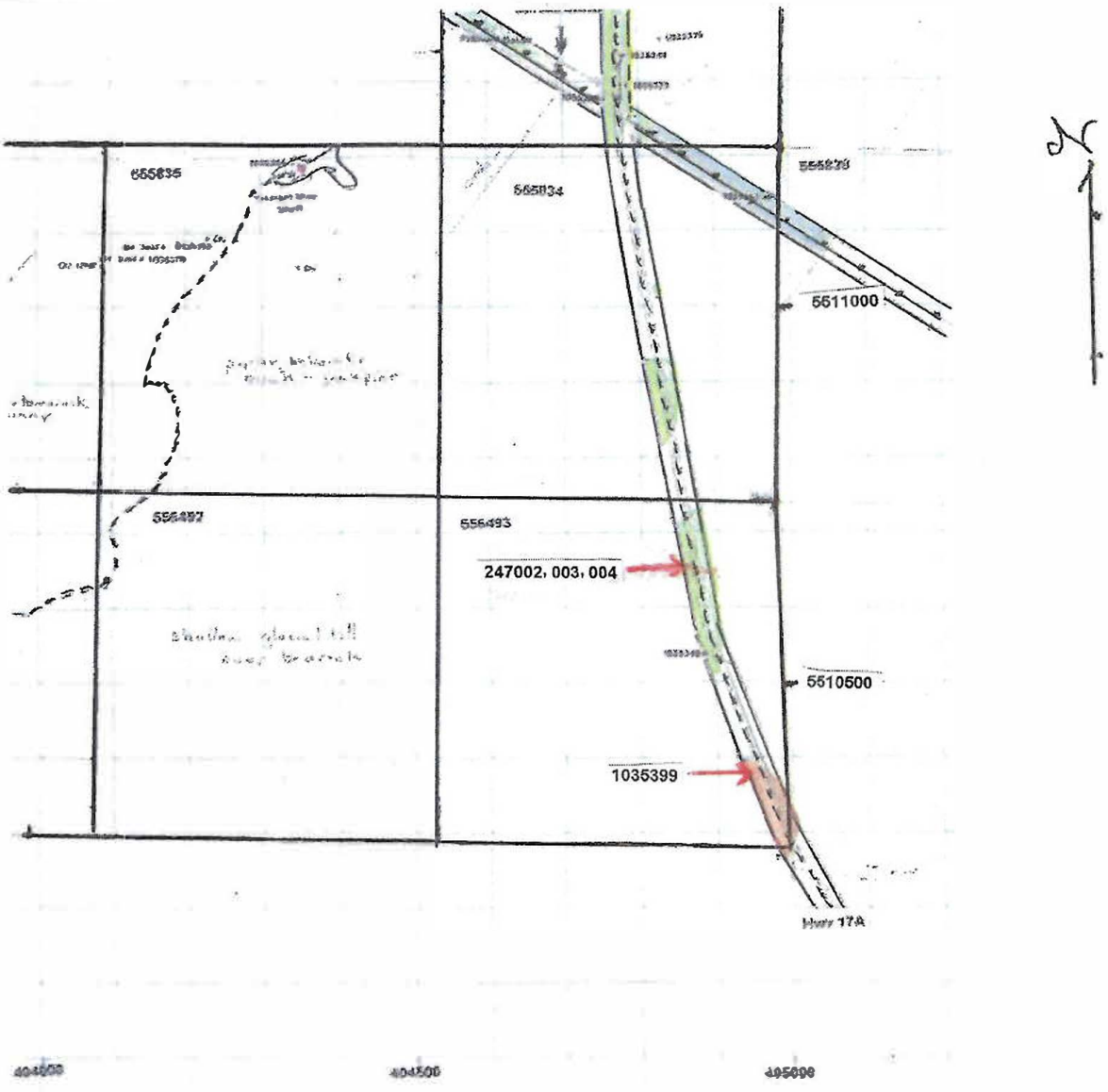
Sample No. 247016

- Location - UTM: same as sample 247015

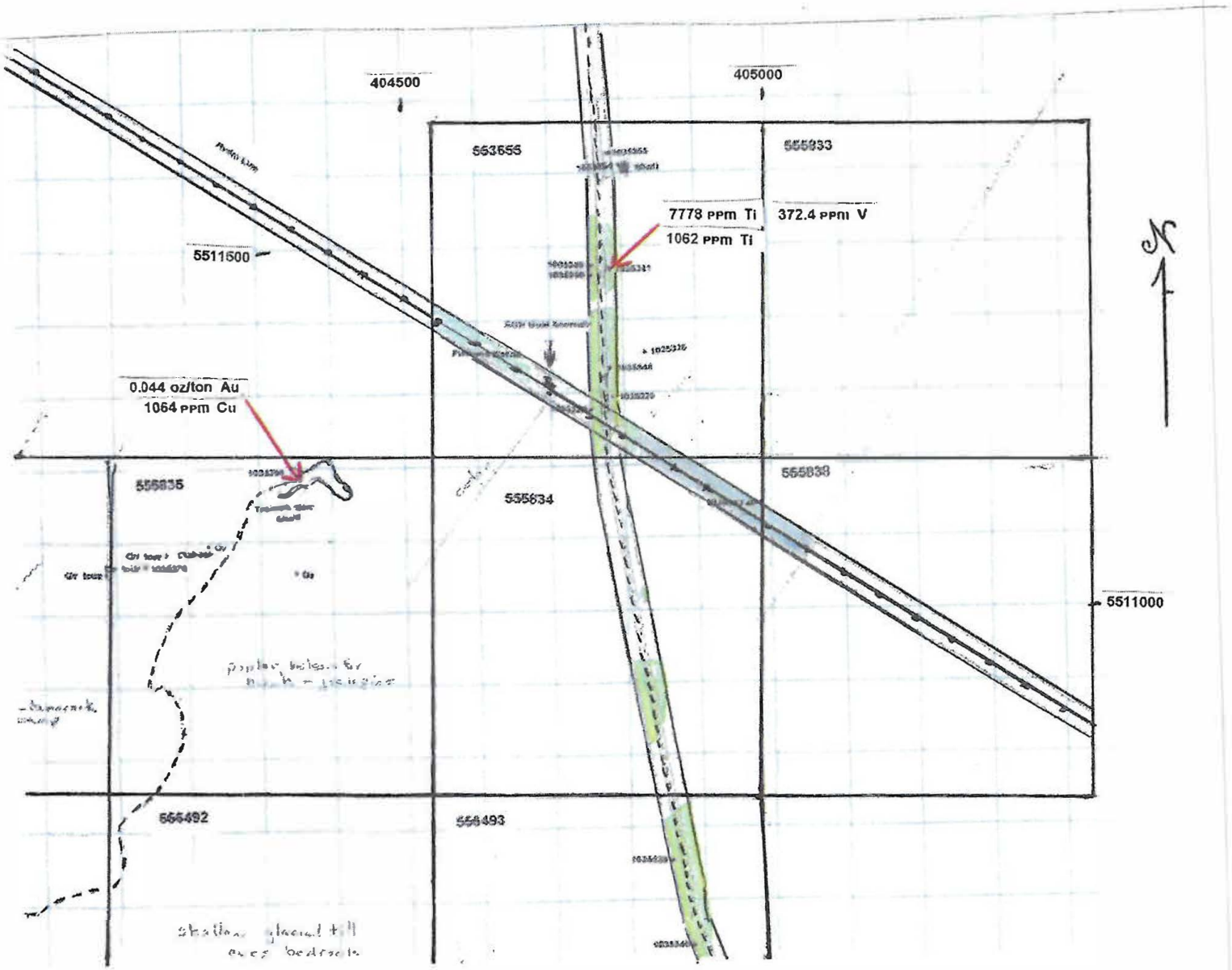
- Description – Basalt wall rock on north side of vein has some quartz inclusions and quartz filled microfractures. No sulphides observed except for one tiny spot of silvery sulphide – galena? Saw sample 52 cm.

- Assay results:

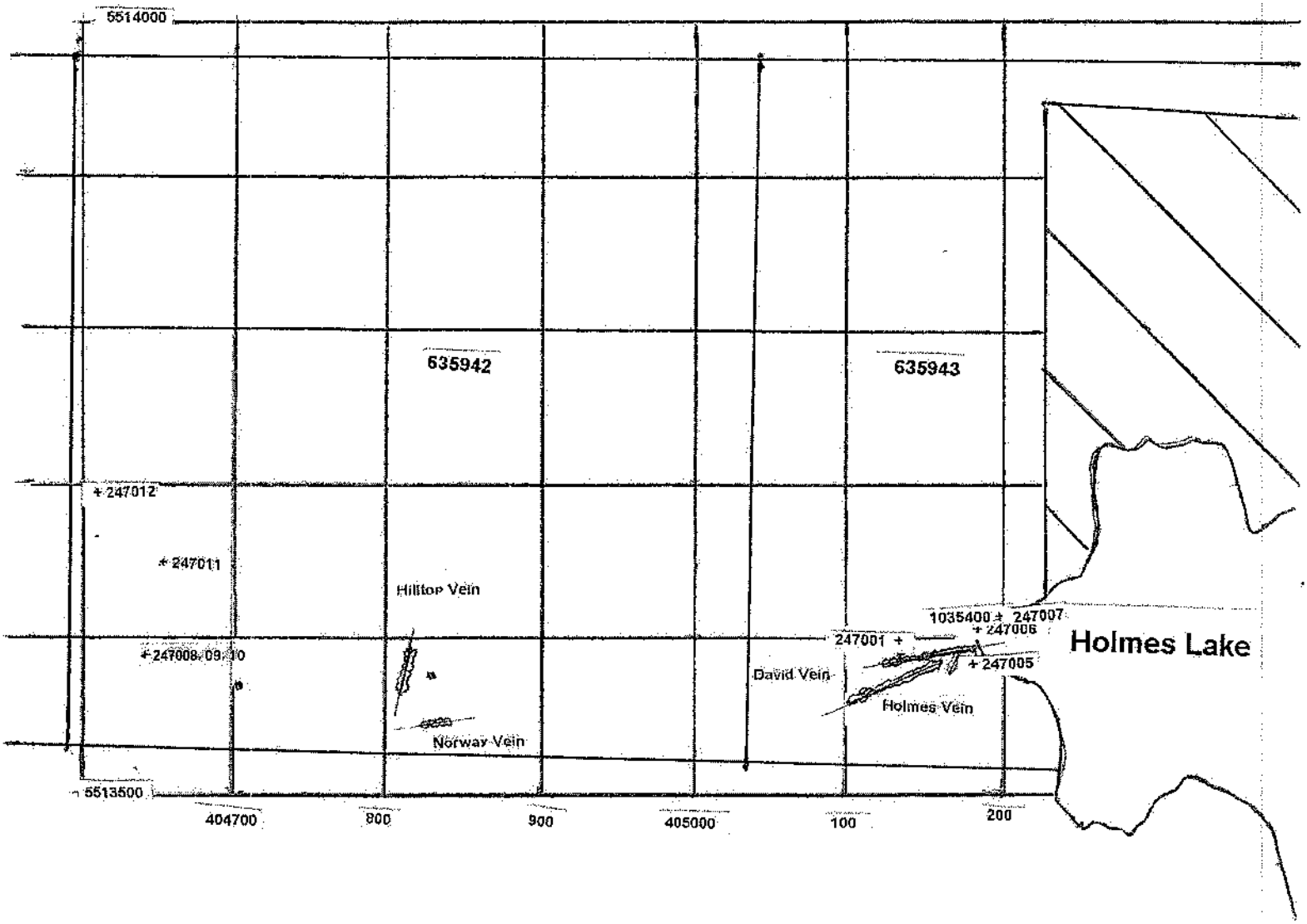
Sample Locations: Triumph Block
Mining Claim 556493



Sample Locations: Triumph Block
E. Amyotte MNDM Sampling
Mining Claims 555835 and 553655



Sample Locations, Pits, Trenches: Holmes Lake Block
Mining Claims 635942 and 635943



Legend

Sample No. 247001

Pit

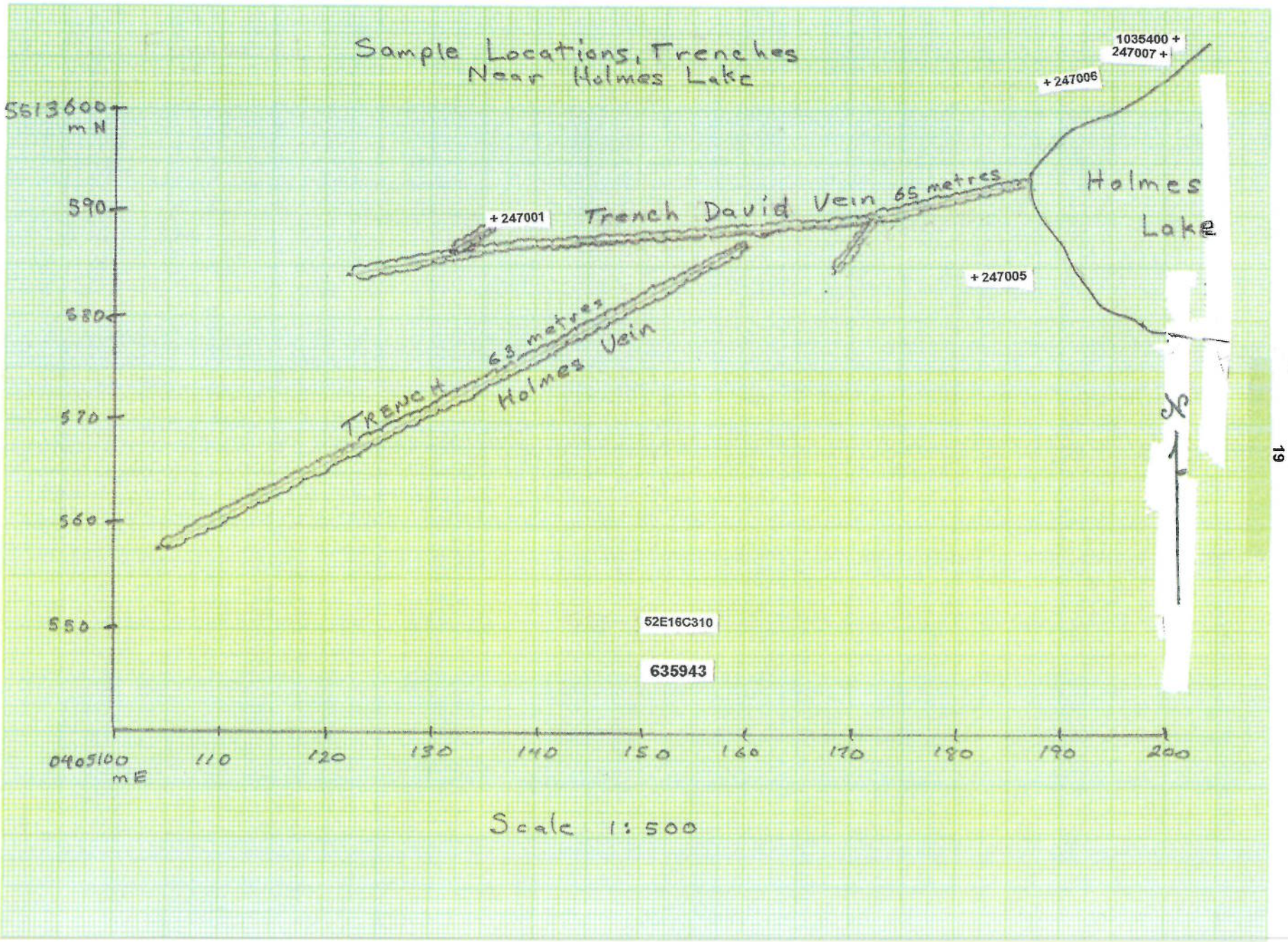
Trench

Scale: 1-4000

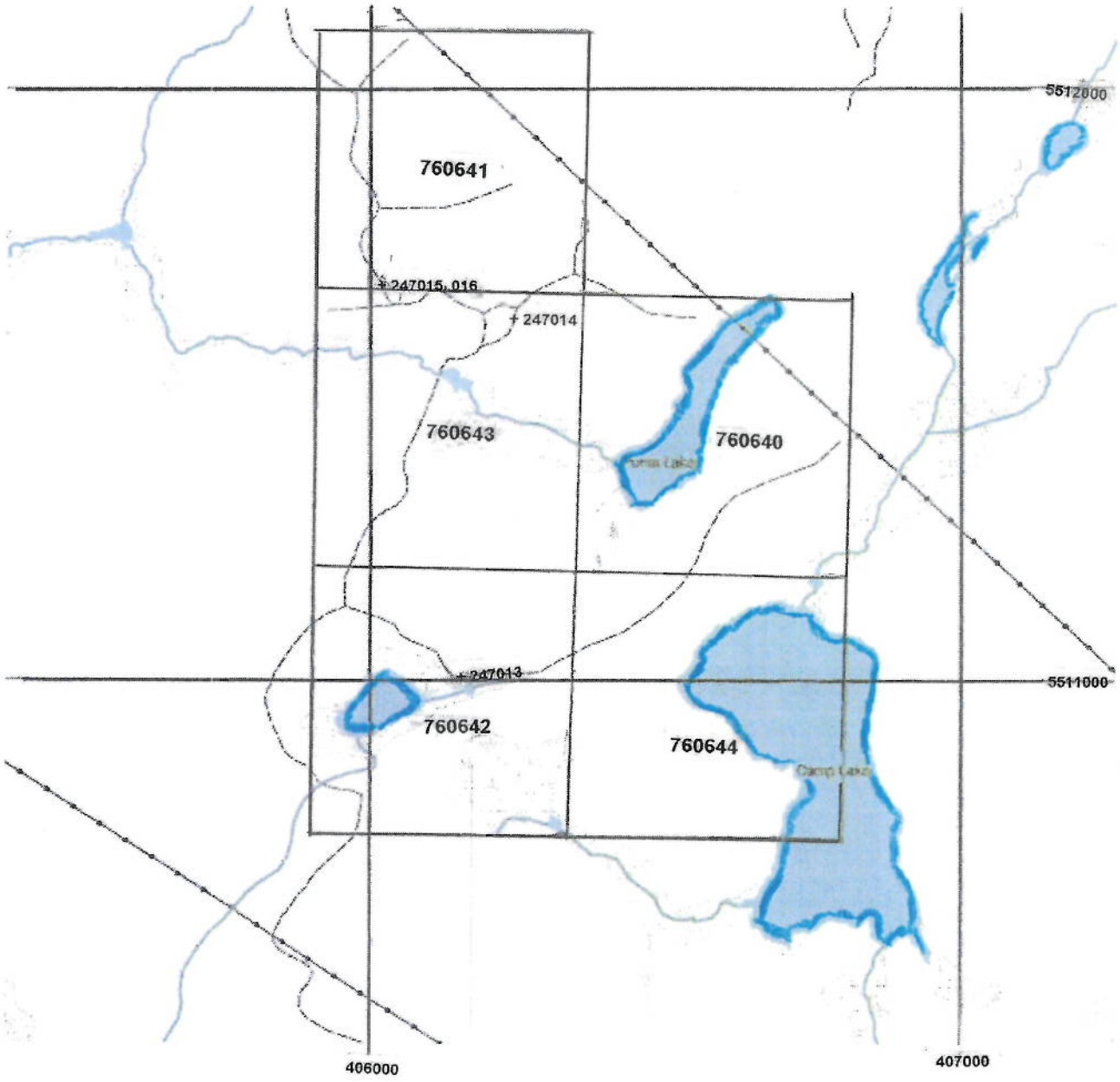
100

metres

N


Sample Locations, Trenches
Near Holmes Lake
5513600 mN
590
580
570
560
550
0405100 mE
110
120
130
140
150
160
170
180
190
200
1035400 + 247007 +
+ 247006
+ 247001
Trench David Vein 65 metres
Holmes Lake
+ 247005
TRENCH 63 metres
Holmes Vein
52E16C310
635943
Scale 1:500

Sample Location: Camp Lake Block
Mining Claims 760641, 760642, 760643



Results:

- We were successful in locating many of the old historical workings of the Champion Mine. Most of the pits and trenches located were dug or blasted prior to 1930 and are debris filled. No samples were taken on them yet as they will require cleaning out prior to sampling – recommended for next years work. The historic Norway vein and David vein appear to be in alignment when accurately plotted using GPS. The interval between them is covered by swamp. If they are one continuous structure, then they cover a distance greater than 400 metres. Further prospecting and sampling of this structure is warranted.
- All assays for gold gave very low values as was the case for platinum and palladium. We are still waiting for the result for rhodium, and some multi element assays. Four samples from the Camp Lake area (recently staked) are also pending.
- The assay results from the property visit by Ethan Amyotte Kenora District Geologist were interesting. The sample he took at the Triumph mine waste dump assayed .044 oz./ton gold and 1064.5 ppm copper. Two samples which he took from a rock cut on Highway 17A returned 7778 ppm titanium, 372.4 ppm vanadium and 1062 ppm titanium.

Recommendations for Future Work:

- Some of the trenches at the Champion mine are quite long (65 metres) and would require major work to clean them out and sample them. For a first pass we could (using pick and shovel) clean narrow sections across the trenches at 10 metre intervals and utilizing a diamond bladed sampling saw obtain samples. Depending on results more samples could be taken, or mechanical stripping contemplated.
- The area recently staked near Camp Lake needs more prospecting as there is no recorded work done on this area. On the 1:250000 scale geology map sheet the rock is shown as felsic to intermediate intrusive but OGS Map P.2830 shows a tongue of mafic volcanic rock that trends eastward for at least several kilometres. The northern contact of this unit is not on this map sheet or any other to our knowledge so its extent is not known. Locating and mapping the northern contact of this unit should be done. Our prospecting this fall has located some interesting shearing and quartz veining in this area and warrants further work.
- Ethan Amyotte's discovery of elevated titanium levels in the assays he took on our Triumph Property has prompted us to rerun some of our previous samples for both titanium and copper. The multielement analysis we used at Actlabs did not include assays for these two elements.

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Appendix A

Assay Results

C30

	A	B	C	D
1	Report Number: A22-11695			
2	Report Date: 13/10/2022			
3	Analyte Symbol	Au	Au	
4	Unit Symbol	ppb	g/tonne	
5	Detection Limit	5	0.03	
6	Analysis Method	FA-AA	FA-GRA	
14	1035383			
15	1035384			
16	1035385			
17	1035386			
18	1035387			
19	1035388			
20	1035389			
21	1035390			
22	1035391			
23	1035392			
24	1035393			
25	1035394			
26	1035395			
27	1035396			
28	1035397			
29	1035398			
30	1035399	< 5		
31				
32				
33				

B19 fx < 5

	A	B
1	Report Number: A22-12507	
2	Report Date: 13/10/2022	
3	Analyte Symbol	Au
4	Unit Symbol	ppb
5	Detection Limit	5
6	Analysis Method	FA-AA
7	1035400	6
8	247001	< 5
9	247002	16
10	247003	12
11	247004	5
12	247005	< 5
13	247006	< 5
14	247007	21
15	247008	< 5
16	247009	< 5
17	247010	< 5
18	247011	< 5
19	247012	< 5
20		
21		
22		

Report Number: A22-12507

Report Date: 17/11/2022

Activation Laboratories

Analyte Symbol	Au	Pd	Pt	Au	Au
Unit Symbol	ppb	ppb	ppb	ppb	ppb
Detection Limit	5	1	1	2	5
Analysis Method	FA-AA	FA-MS	FA-MS	FA-MS	INAA
1035400	6				
247001	< 5				
247002	16	5	< 3	27	
247003	12				< 5
247004	5	< 3	< 3	18	
247005	< 5				
247006	< 5	< 2	< 2	8	
247007	21	< 2	< 2	27	
247008	< 5				
247009	< 5				
247010	< 5				
247011	< 5				
247012	< 5				

Report Number: A22-12507
Report Date: 17/11/2022

Analyte Symbol	Ag	As	Ba	Br	Ca
Unit Symbol	ppm	ppm	ppm	ppm	%
Detection Limit	5	2	100	1	1
Analysis Method	INAA	INAA	INAA	INAA	INAA
1035400					
247001					
247002					
247003	< 5	9	< 100	< 1	6
247004					
247005					
247006					
247007					
247008					
247009					
247010					
247011					
247012					

Report Number: A22-12507
Report Date: 17/11/2022

Analyte Symbol	Co	Cr	Cs	Fe	Hf
Unit Symbol	ppm	ppm	ppm	%	ppm
Detection Limit	5	10	2	0.02	1
Analysis Method	INAA	INAA	INAA	INAA	INAA
1035400					
247001					
247002					
247003	90	210	< 2	12.4	< 1
247004					
247005					
247006					
247007					
247008					
247009					
247010					
247011					
247012					

Report Number: A22-12507
Report Date: 17/11/2022

Analyte Symbol	Hg	Ir	Mo	Na	Ni
Unit Symbol	ppm	ppb	ppm	%	ppm
Detection Limit	1	5	5	0.05	50
Analysis Method	INAA	INAA	INAA	INAA	INAA
1035400					
247001					
247002					
247003	< 1	< 5	< 5	0.24	< 50
247004					
247005					
247006					
247007					
247008					
247009					
247010					
247011					
247012					

Report Number: A22-12507

Activation Laboratories

Report Date: 17/11/2022

Analyte Symbol	Rb	Sb	Sc	Se	Sn
Unit Symbol	ppm	ppm	ppm	ppm	%
Detection Limit	30	0.2	0.1	5	0.05
Analysis Method	INAA	INAA	INAA	INAA	INAA
1035400					
247001					
247002					
247003	< 30	0.6	30.7	< 5	< 0.05
247004					
247005					
247006					
247007					
247008					
247009					
247010					
247011					
247012					

Report Number: A22-12507
Report Date: 17/11/2022

Analyte Symbol	Sr	Ta	Th	U	W
Unit Symbol	%	ppm	ppm	ppm	ppm
Detection Limit	0.1	1	0.5	0.5	4
Analysis Method	INAA	INAA	INAA	INAA	INAA
1035400					
247001					
247002					
247003	< 0.1	5	< 0.5	< 0.5	21
247004					
247005					
247006					
247007					
247008					
247009					
247010					
247011					
247012					

Report Number: A22-12507
Report Date: 17/11/2022

Analyte Symbol	Zn	La	Ce	Nd	Sm
Unit Symbol	ppm	ppm	ppm	ppm	ppm
Detection Limit	50	1	3	5	0.1
Analysis Method	INAA	INAA	INAA	INAA	INAA
1035400					
247001					
247002					
247003	240	4	5	8	1.4
247004					
247005					
247006					
247007					
247008					
247009					
247010					
247011					
247012					

Report Number: A22-12507

Activation Laboratories

Report Date: 17/11/2022

Analyte Symbol	Eu	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	ppm	g
Detection Limit	0.2	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA
1035400					
247001					
247002					
247003	0.5	< 0.5	2	0.22	1.73
247004					
247005					
247006					
247007					
247008					
247009					
247010					
247011					
247012					

A1 | Client:

	A	B	C	D	E	F	G	H
1	Client:			Amyotte		Zone	UTM E	UTM N
2								
3	Geo Labs JOB#:			22-0091				
4								
5	Date:			09/16/2022				
6								
7	Method Code:			GFA-PBG				
8								
9	Sample ID	Client ID	QC ID	Au				
10	Units			oz/ton				
11	Detect Limit			0.016				
12	22-0091-0(	_06272022		0.042		15U	404364	5511197
13	22-0091-0(	_06272022		<0.016		15U	404779	5511468
14	22-0091-0(	_06272022		<0.016		15U	404779	5511468
15	Dup-22-54	_06272022	DUP	0.044		15U	404364	5511197
16								
17								

Client:	Zone	UTM E	UTM N					
Geo Labs JOB#:					22-0091			
Date:					11/22/2022			
Method Code:					IMC-100			
Sample ID	Client ID			QC ID	Ba	Be	Bi	
Units					ppm	ppm	ppm	
Detect Limit					1.3	0.024	0.11	
22-0091-0(	_06272022 15U	404364	5511197		19.6	<0.024	4.45	
22-0091-0(	_06272022 15U	404779	5511468		61.1	0.438	<0.11	
22-0091-0(	_06272022 15U	404779	5511468		6	0.041	<0.11	

Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
0.018	0.17	0.09	2.9	0.018	0.9	0.04	0.04	0.008
0.357	3.97	71.39	86.5	0.231	1064.5	0.23	0.12	0.106
0.12	9.96	55.86	157.7	7.235	105.5	5.13	3.37	0.948
0.031	2.33	12.73	83.6	0.942	65.8	0.51	0.31	0.118

Ga	Gd	Hf	Ho	In	La	Li	Lu	Mo
ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
0.04	0.04	0.09	0.006	0.0017	0.09	0.24	0.005	0.08
1.51	0.29	0.1	0.037	0.0955	2.02	1.16	0.009	4.53
17.99	4.07	2.1	1.132	0.0978	3.84	19.11	0.47	0.69
5.71	0.43	0.38	0.104	0.011	1.15	3.04	0.044	3.99

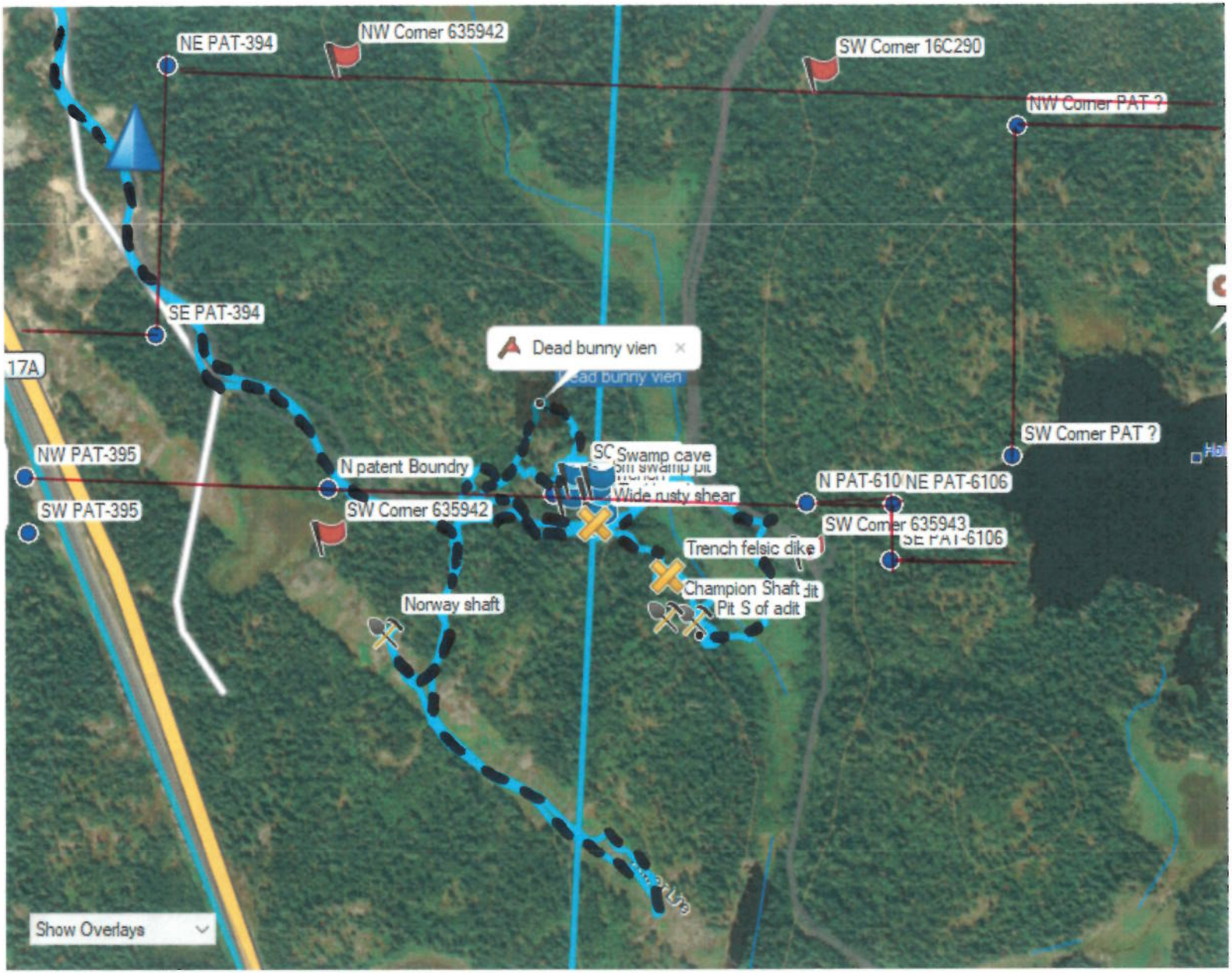
Nb ppm	Nd ppm	Ni ppm	Pb ppm	Pr ppm	Rb ppm	Sb ppm	Sc ppm	Sm ppm
0.05	0.11	0.6	0.29	0.019	0.15	0.025	0.17	0.05
0.31	1.92	17.7	2.83	0.466	2.09	0.191	1.25	0.32
3.21	8.09	86.1	1.6	1.595	12.22	0.259	47.28	2.82
0.33	1.46	17	2.01	0.326	0.75	0.098	5.17	0.39

Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U
ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
0.17	1.3	0.015	0.009	0.027	8	0.004	0.005	0.01
0.17	6.9	<0.015	0.042	0.083	138	0.018	0.012	0.03
1.07	112.7	0.187	0.774	0.401	7778	0.064	0.501	0.17
0.2	29.3	0.02	0.082	0.138	1062	0.03	0.047	0.05

V	W	Y	Yb	Zn	Zr
ppm	ppm	ppm	ppm	ppm	ppm
0.4	0.05	0.09	0.008	4	4
13.6	1.92	1.25	0.086	9	4
372.4	0.39	30.69	3.171	105	82
54.2	0.21	2.77	0.284	26	15

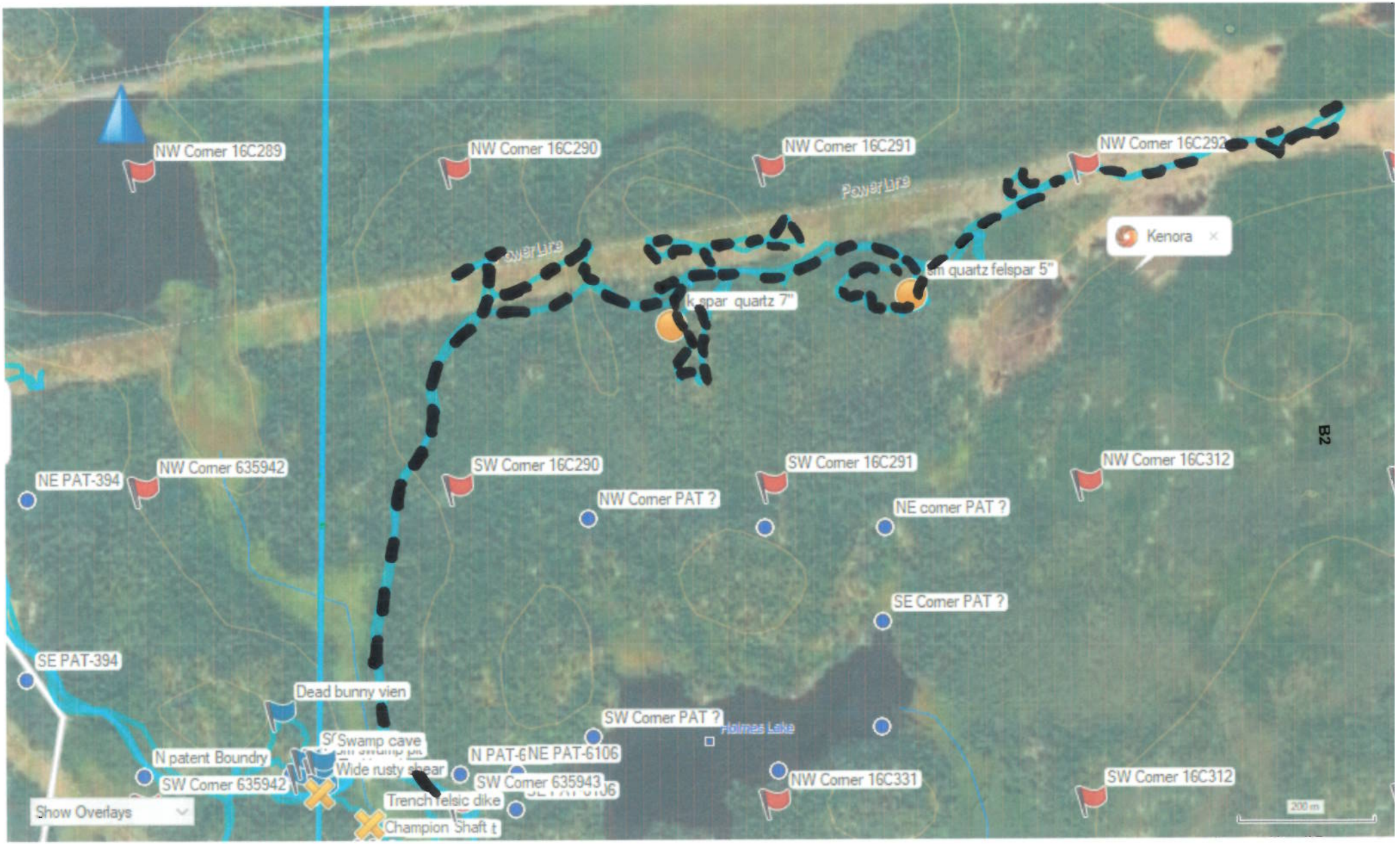
Appendix B

Traverses



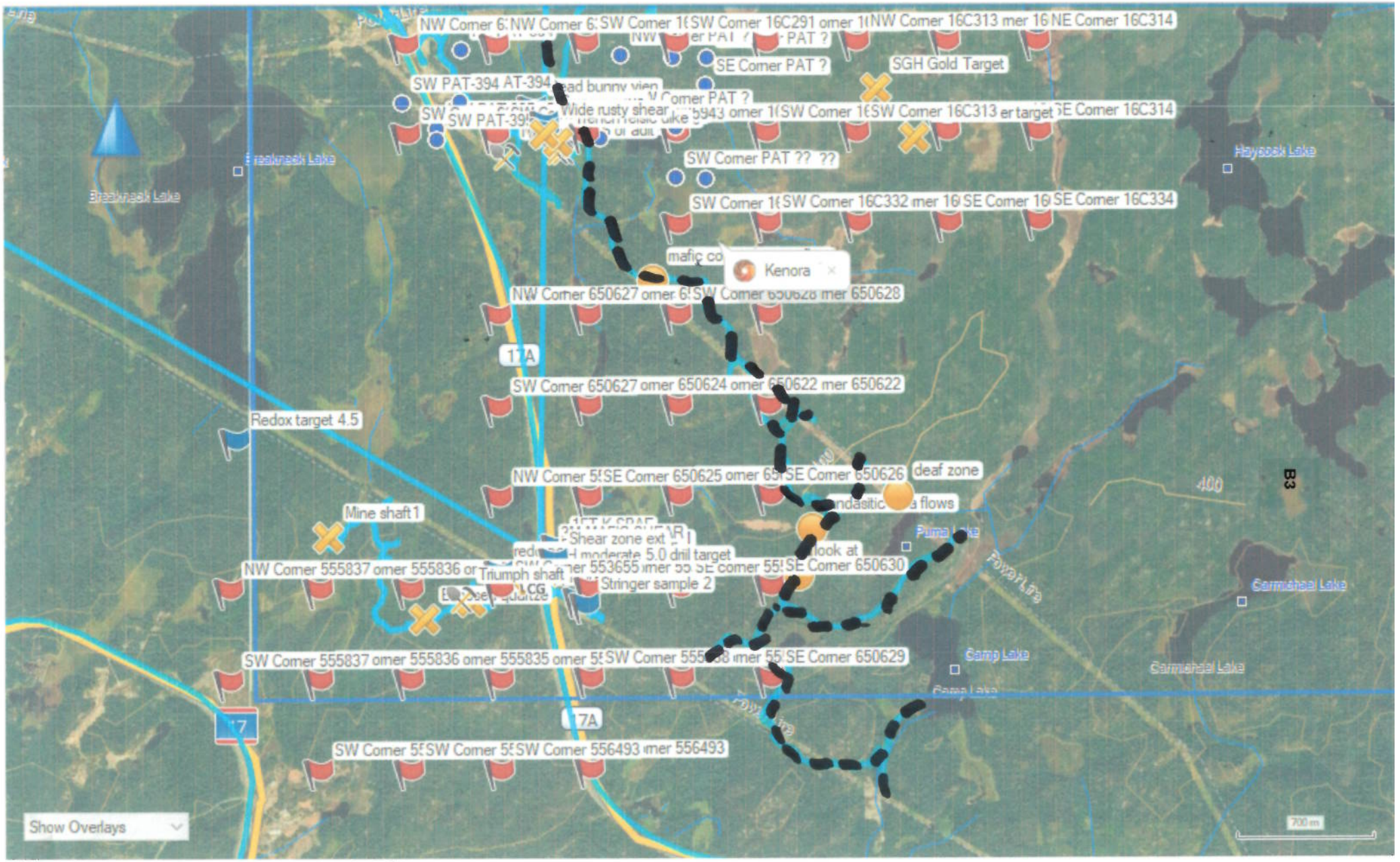
APRIL 17, 2021 G2 ½day
May 21, 2021 TRAVERSE
G2, R2 ½day

B1



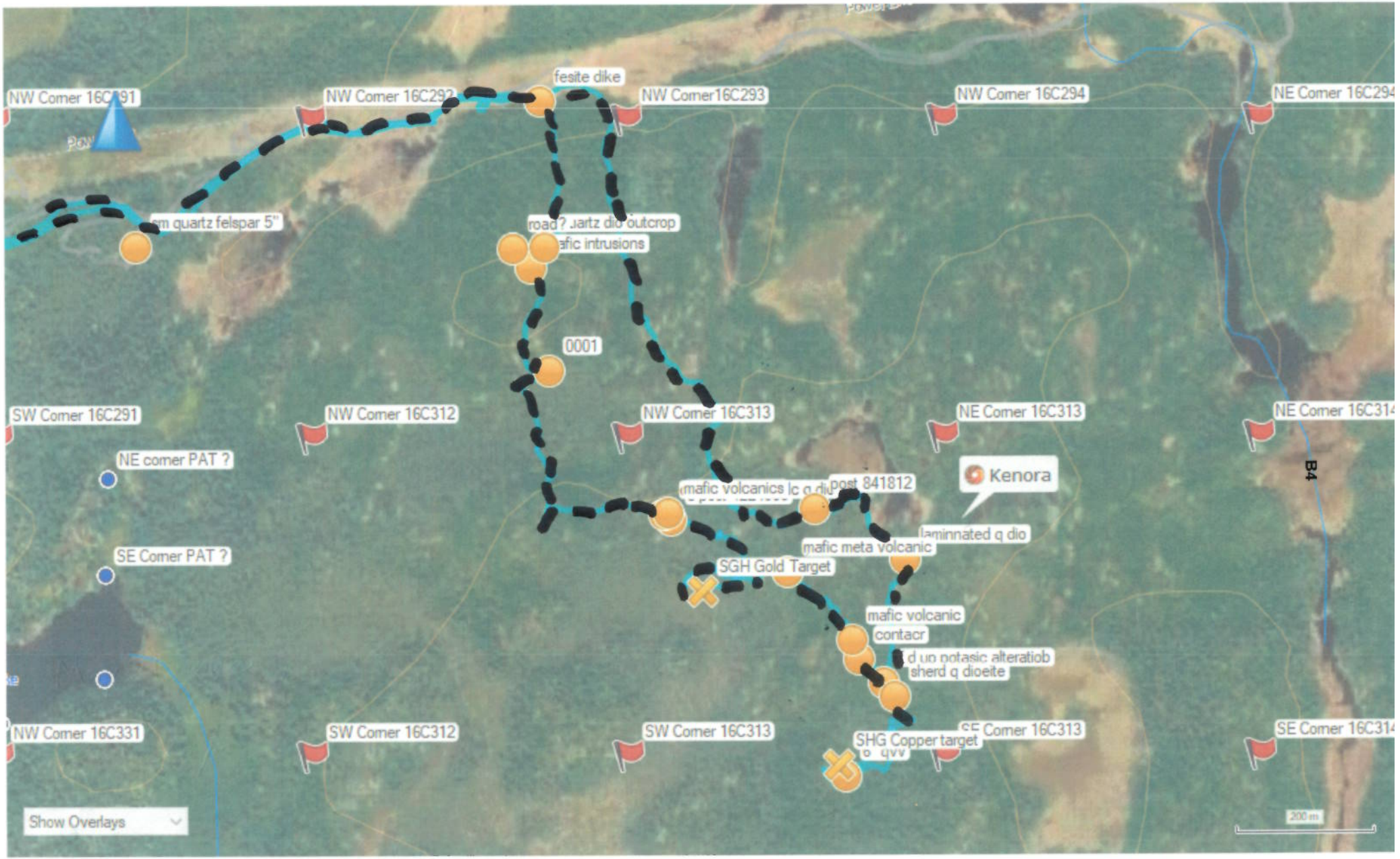
May 24 2021
R2 North track

TRAVERSE



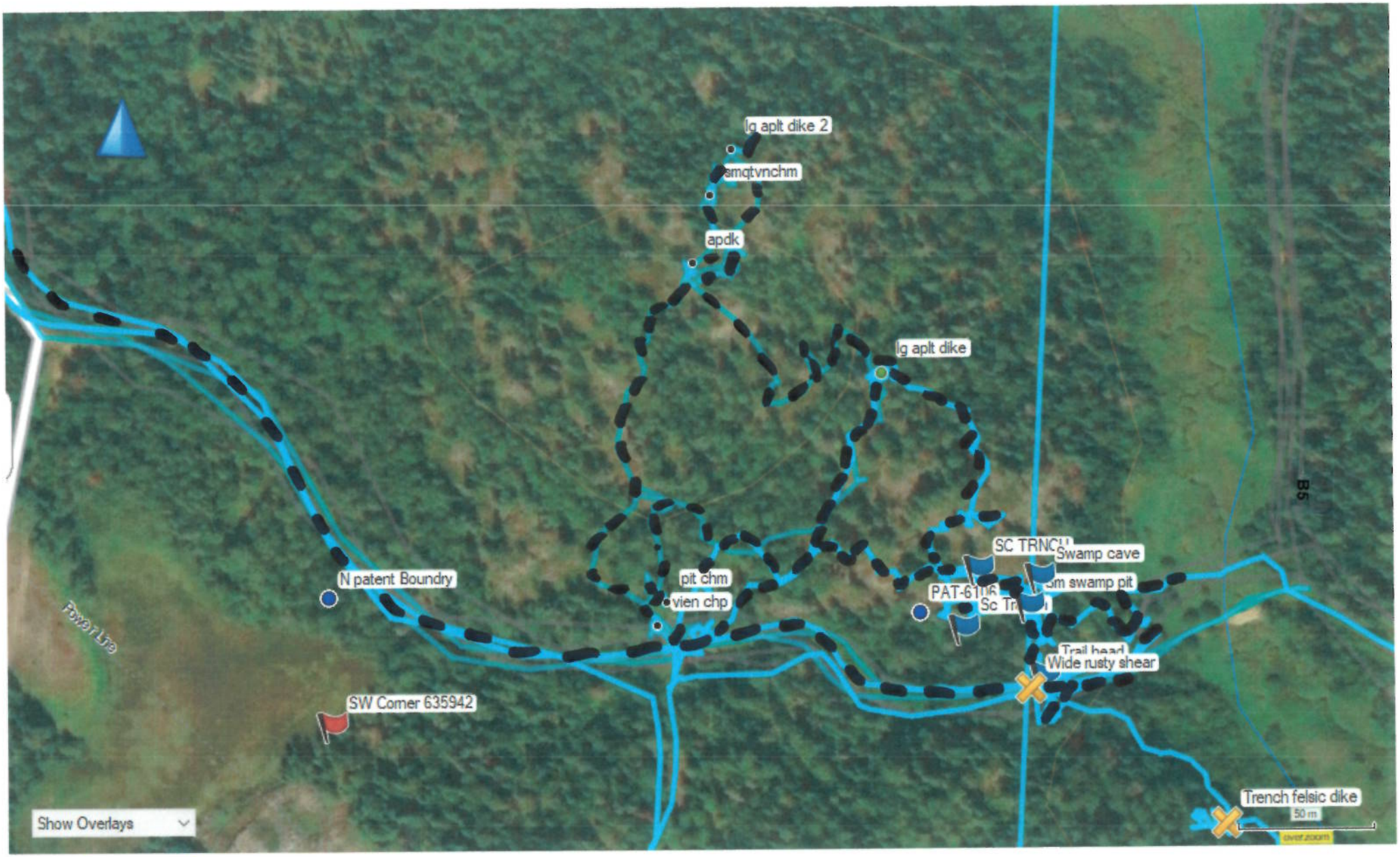
May 24 2021
R2 South track

TRAVERSE



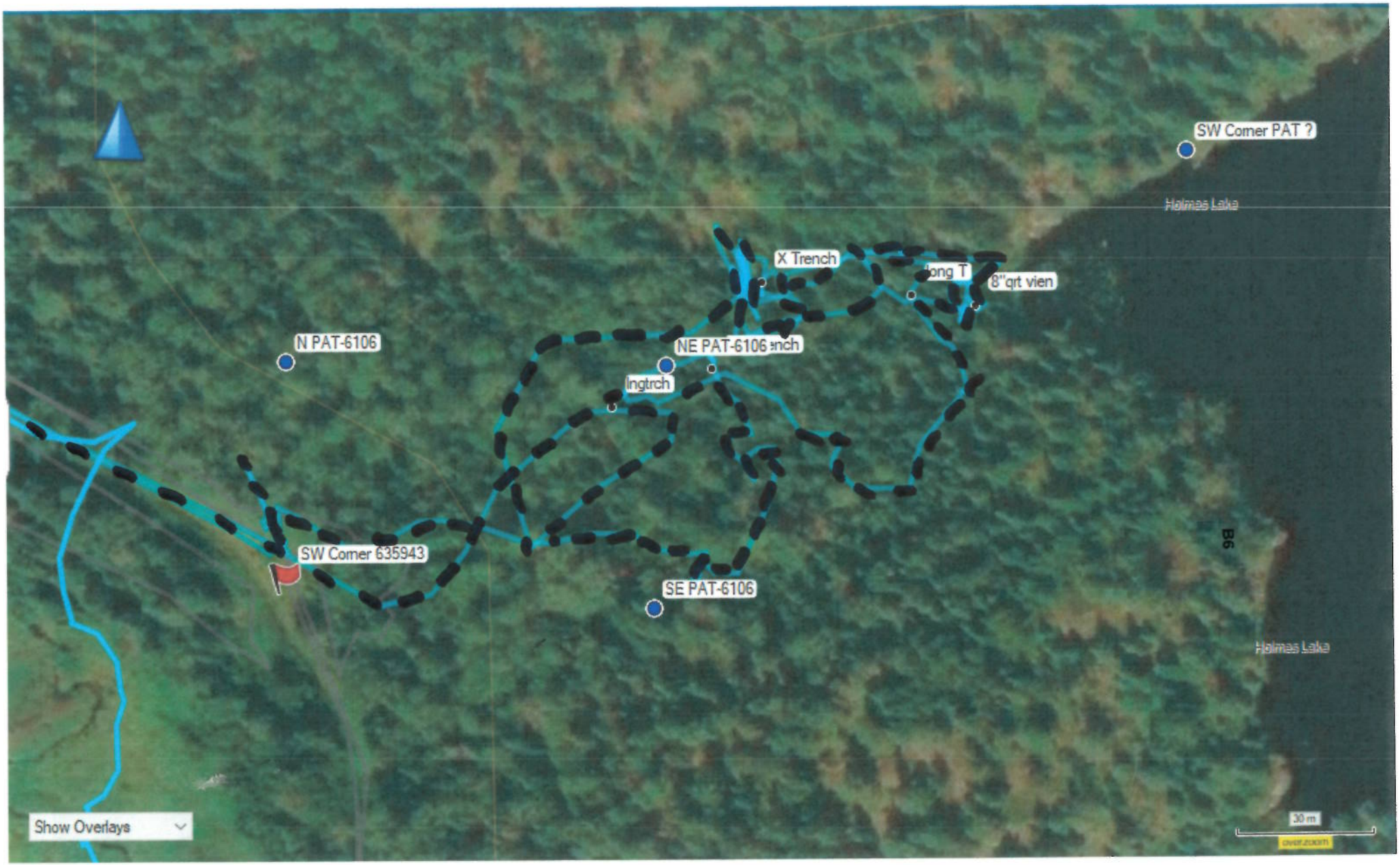
July 6 2021
R2+G2 Full day

TRAVERSE



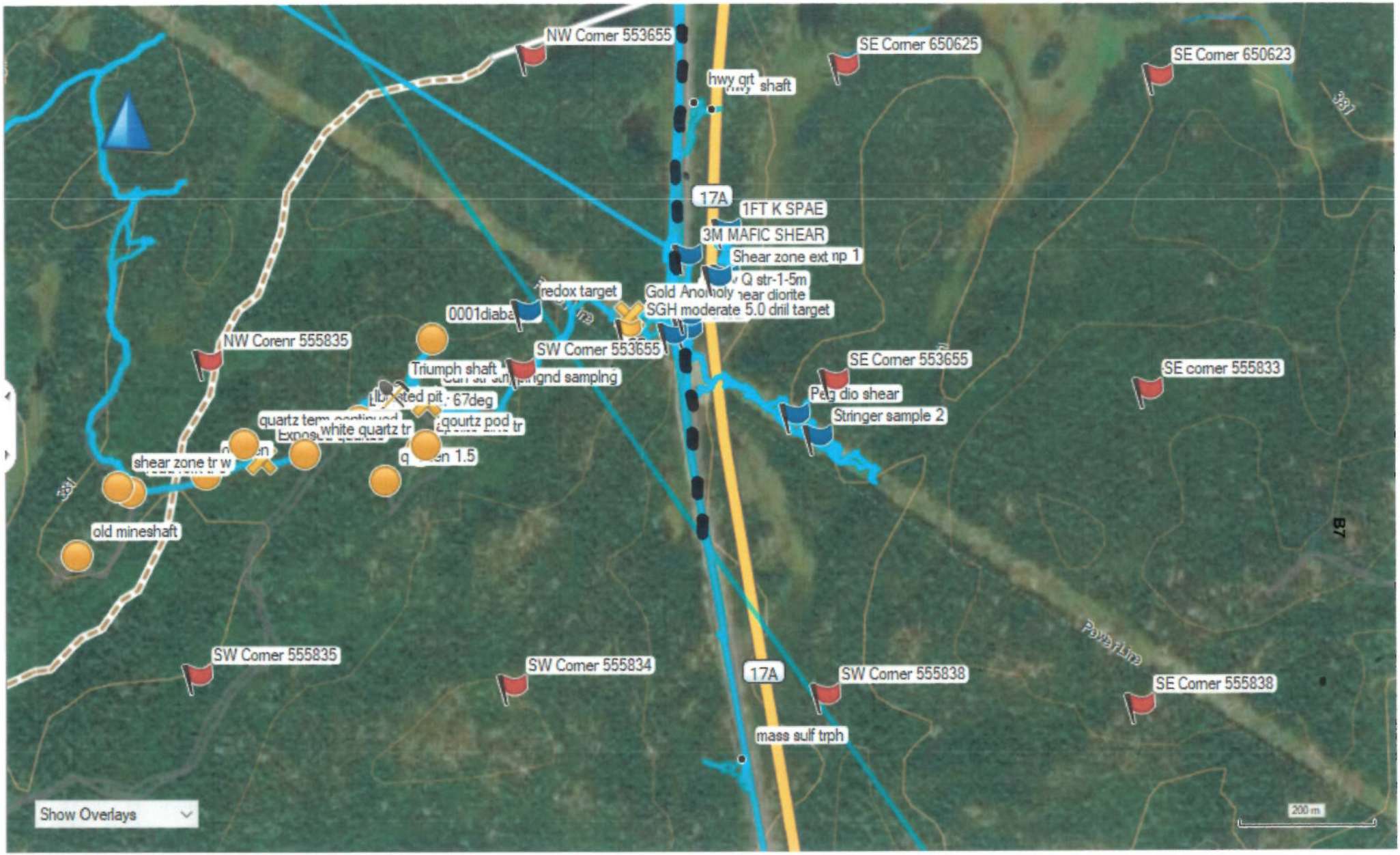
Aug 15 2022
R2 half day
truck and quad

TRAVERSE



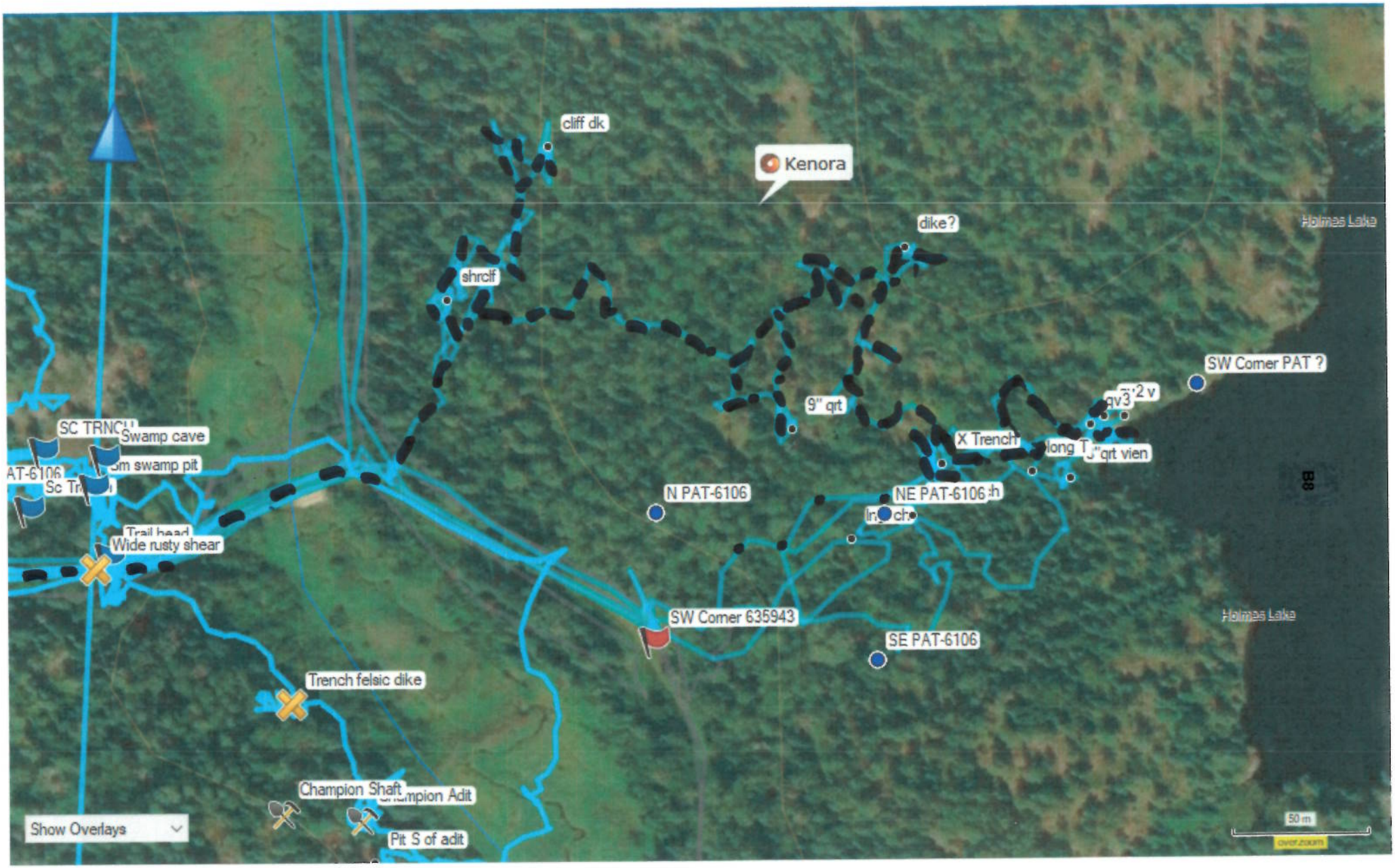
Aug 17 2022
R2 TG2 half day

TRAVERSE



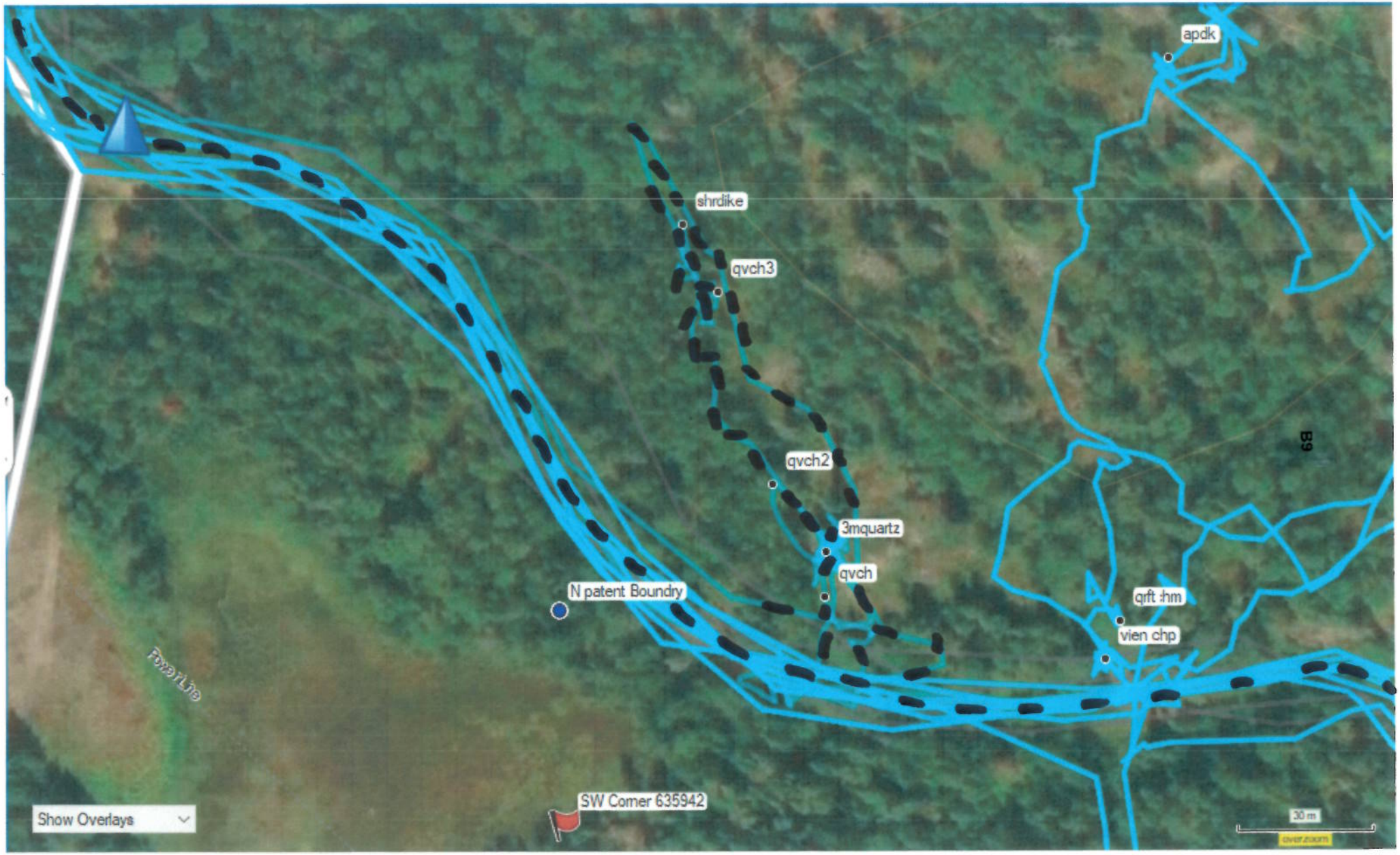
Aug 17 2022
R2-62 half day

TRAVERSE



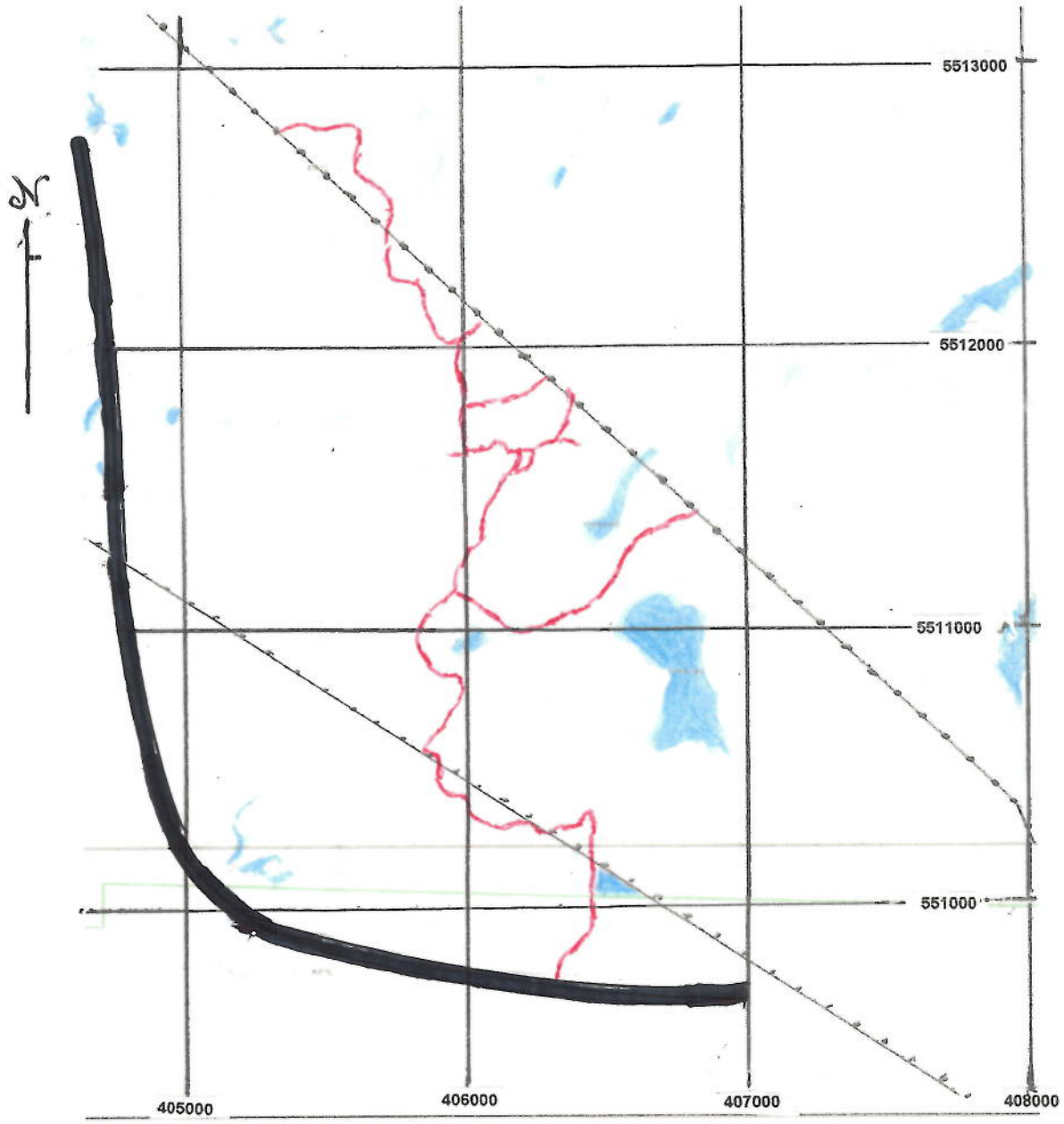
Aug 22
R2 half day

TRAVERSE



Aug 25/22 Full day R2

TRAVERSE



LEGEND

Hwy 17A

Hydro Transmission Line

Traverse Oct. 26, 2022

Scale

1 Kilometre

Appendix C

Description and Development History of the Champion Mine (past producer)

Ontario Geological Survey Open File Report 5695

The Geological Setting of Gold Occurrences in the Lake of the Woods Area

1988

Davies, J.C., and Smith, P.M.

23. CHAMPION MINE (PAST PRODUCER)

COMMODITY
Gold

ROCK ASSOCIATION
Massive to foliated quartz diorite

CLASSIFICATION
4c, d

LOCATION
Haycock Township: NTS 52E/16SW
Lat. 49°45'59" (49.7664°)
Long. 94°19'11" (94.3197°)

ACCESS
The mine is situated on mining location P349, about 1.2 km east of Breakneck Lake, or roughly 600 m south-southeast of Island Lake. The property may be reached via a dirt road extending east from Jones Road.

SIZE AND GRADE
Total production has been reported as $31,447 (1521.4 oz gold) from 1,667 tons of ore (Canadian Mining Journal, May 1936, p. 237). It has also been reported as $29,226.00 from 1535 tons milled (Hopkins 1931), although there is no official record of production during the intervening period.

DESCRIPTION
Geology: The area is underlain by massive, medium- to coarse-grained quartz diorite of the Island Lake intrusion. In parts of the intrusion, mafic inclusions predominate and many show evidence of partial digestion; compositional variations within the intrusion may be due to assimilation of inclusions. The quartz diorite is cut, in places, by dikes and irregular bodies of pink to red aplite or fine-grained granite, which are mostly less than 1 m wide, but may be up to 7 m wide. Hopkins (1931) reported Keewatin volcanics and an iron formation a few hundred feet northwest of the Champion Mine.

Mineralization: Twelve veins, the locations of which were shown (Figure 8) in a prospectus of Ontario Champion Gold Mines Ltd. (1928), were known as the Hilltop, Porphyry, Lake, David A., Holmes, Garden, Tunnel, Gordon, Emmons, Boulder, Champion and South Veins. Some of these were later re-named, creating confusion.

The main workings were on the Champion Vein. Here, aplite occurs in a shear zone in the quartz diorite, and the vein quartz is mainly at the contact between the aplite and the sheared quartz diorite. In a few places the aplite has also been sheared. The vein strikes about 125° and dips 55°SW, and an inclined shaft was sunk on it to a slope

depth of 71.6 m. Levels were established at 36.5 and 67 m. Thomson (1936) stated that the Champion Vein "roughly follows an aplite dike ... (which) may be traced from the surface to the 220 foot (67 m) level, but it pinches and swells considerably. On the surface the quartz has been traced about 100 feet (30 m) and ranges from 8 to 24 inches (20-61 cm) in width. On the 120 foot (36.5 m) level quartz occurs almost continuously along the 180 feet (55 m) of drifting. It has a somewhat irregular distribution, the veins being controlled by the irregularities of the aplite.... The vein quartz is white and somewhat banded in places due to chloritic seams. Sulphides are sparsely distributed and consist chiefly of pyrite, with traces of galena, sphalerite and chalcopyrite. The gold is mostly native and occurs in the quartz." Hopkins (1931) noted that some of the quartz lenses are drag folded and that these folds are higher in grade.

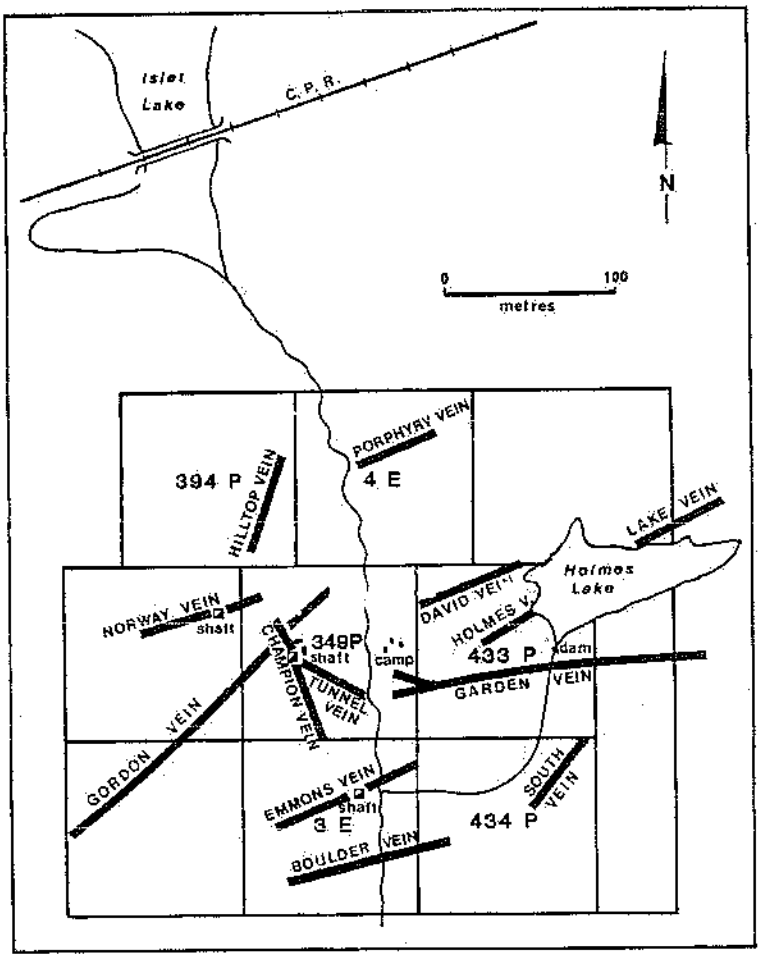


Figure 8. *Locations of veins at the Champion Mine. Modified from Ontario Champion Mines Ltd. (1928).*

Little is known about the other veins discovered near the mine. However, the Gordon, Tunnel and Garden Veins are also associated with felsic dikes.

ANALYSIS OF MINERALIZATION

Comparison of analyses of fresh and sheared quartz diorite suggests that shearing resulted in a loss of ferric and ferrous iron, magnesium, lime and soda, and gains in potash, carbon dioxide and water. The main mineralogical change was the replacement of hornblende by biotite. The gold content of the fresh rock was 4 ppb and, of the sheared rock, 8 ppb.

An analysis of sheared aplite at the Champion Vein taken in this study returned 13 ppb gold. A grab sample of milky white quartz with no visible sulphides contained 117.6 ppm gold.

DEVELOPMENT HISTORY

Circa 1892: The Bad Mine was staked by A. Swanson and shortly thereafter the property passed to H. Holmes. Some test pits were sunk, and two cars of ore were shipped to Rat Portage Reduction Works. Gold recovery from the ore was valued at $40.00 gold per ton (gold at $20.00 per oz) (Champion Gold Mines, circa 1924).

1893 - 1895: Optioned to the Rat Portage Mining and Reduction Co. A shaft was sunk 6.1 m.

1897: The owners removed at least 25 tons of hand-picked ore to the reduction mill at Rat Portage, where $60.00 per ton (gold at $20.00 per oz) was recovered (Champion Gold Mines Ltd., circa 1924). Optioned to W. Love of Buffalo, N.Y., but the contract requirements were not fulfilled and the court ordered the property returned to the owners.

1898: Bonded to H. Armstrong, W. Peters and J. Hildreth of Rat Portage. A 21 m shaft, inclined 50°SW, down the dip of the vein, was sunk on top of a hill. About 7.6 m down the shaft, drifts were driven 10.9 m to the southeast and 9.1 m to the northwest. A crosscut was made 3 m west from the end of the latter, and drifting was carried to the northwest for 3.7 m. An adit was driven 38.1 m into the hillside to intersect the shaft. Some 360 tons of ore were removed, grading $20.00 to $25.00 gold per ton (gold at $20.00/oz) (Champion Gold Mines, circa 1924).

Late 1899 - 1900: Bonded to the Bullion Mining Company of Ontario Company. The mine was controlled by a subsidiary, the Champion Company. The two-compartment shaft was deepened to 62.8 m, and 36 m of drifting was done on the 39.6 m level. Some 760 tons of ore were sent to the Keewatin mill but, reportedly because the mill was so badly worn and lacked a cyanide plant, recovery was only $7.60 gold per ton (gold at $20.00/oz) (Champion Gold Mines Ltd., circa 1924). The mine closed in December of 1900 and the company disbanded.

1923 - 1926: Incorporation of Champion Gold Mines Ltd. The shaft was deepened 7.3 m and total lateral work on the 39.6 m level was extended to 68.6 m. A second level was opened at a depth of 70.1 m, where 36.6 m of lateral work was carried out. Stoping was done on the 39.6 m level.

1931: Mine workings were dewatered and sampled by Vickers Porcupine Mines Ltd. The property was optioned to Ontario Gold Mines Ltd.

1934 - 1936: Incorporation of Franklin Gold Mining Co. Ltd. (later Franklin Gold Mines (1936) Ltd.). The workings were dewatered and sampled. Some drilling followed prospecting, and 89.3 m of drifting and 37.5 m of crosscutting were done.

1979 - 1980: Golden Bounty Mining Co. Ltd. completed geochemical surveys, rock trenching and 444 m of diamond drilling.

Note: Production additional to that listed here must have been realized in order to match total production figures.

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1926, ODM, Vol. 35, pt. 1, p. 90
1927, ODM, Vol. 36, pt. 1, p. 93
Tremblay, 1940, ODM, Vol. 49, pt. 1, p. 22

Grass Roots Prospecting – Holmes Lake, Triumph Property
April 17, 2021 to December 12, 2022

Statement of Expenditures

Date	Prospector	Activity	Amount
17/04/21	G. Zebruck	Prospecting – ½ day	$ 200
21/05/21	G. Zebruck	Prospecting – ½ day	200
	R. Zebruck	Prospecting – ½ day	200
24/05/21	R. Zebruck	Prospecting, Mobilization, Reconnaissance – 1 day	400
06/06/21	G. Zebruck	Prospecting – 1 day	400
06/06/21	R. Zebruck	Prospecting – 1 day	400
27/06/22	G. Zebruck	Prospecting – Property visit MNDM sampling – 1 day	400
15/08/22	R. Zebruck	Prospecting – ½ day	200
17/08/22	R. Zebruck	Prospecting & Sampling - 1 day	400
	G. Zebruck	Prospecting & Sampling - 1 day	400
18/08/22	G. Zebruck	Examine, describe, cut and bag samples – ½ day	200
22/08/22	R. Zebruck	Prospecting & Sampling – ½ day	200
25/08/22	R. Zebruck	Prospecting & Sampling – 1 day	400
30/08/22	G. Zebruck	Took samples to Actlabs in Dryden ½ day	200
26/10/22	G. Zebruck	Prospecting – 1 day	400
01/11/22	G. Zebruck	Prospecting & Sampling - 1 day	400
15/11/22	G. Zebruck	Acquiring Forest inventory Base Maps - ½ day	200
16/11/22	G. Zebruck	Scanning and printing base maps – ½ day	200
17/11/22	G. Zebruck	Mapping – ½ day	200
18/11/22	G. Zebruck	Mapping – 1 day	400
24/11/22	G. Zebruck	Report – 1 day	400
28/11/22	G. Zebruck	Report – 1 day	400
30/11/22	G. Zebruck	Report – ½ day	200
02/12/22	G. Zebruck	Report – 1 day	400
03/12/22	G. Zebruck	Report – ½ day	200
05/12/22	G. Zebruck	Report – ½ day	200
07/12/22	G. Zebruck	Report & Mapping - 1 day	400
10/12/22	G. Zebruck	Report & Mapping – 1 day	400
11/12/22	G. Zebruck	Report & Mapping – 1 day	400
12/12/22	G. Zebruck	Mapping – 1 day	400
13/12/22	G. Zebruck	Composite Geological Map – 1 day	400
14/12/22	G. Zebruck	Composite Geological Map – 1 day	400
15/12/22	G. Zebruck	Finish Report - ½ day	200
		Total	**$10,400**

Assays

Actlabs – Invoice A22-12507		$539.69		
Invoice A22-12507B		106.79		
	Total	$646.48	**Total**	**$ 646.48**

Mileage

16 trips to property 16 x 30 km =		480 km.		
1 trip to Actlabs Dryden		286 km.		
	Total	766 km. @ $ .50/Km	**Total**	**$ 383.00**

Equipment Expense

4 Wheel ATV expense 14 days @ $ 50/day			**Total**	**$ 700.00**

Fuel

Fuel 49.574 Litres @ $ 1.909/litre			**Total**	**$ 94.64**

Repairs

ATV Tire Repair – Fraser Tire		$ 24.86		
Garman GPS – Central Teck		101.70		
	Total	$ 126.56	**Total**	**$ 126.56**

Office Expense

Copying and Scanning – Cartridge Source		$ 29.34		
Printer Cartridges		90.39		
	Total	$ 119.73	**Total**	**$ 119.73**