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Prospecting Report on claim 1196550

Location and Access

Claim 1196550 is located on Neilson Lake in the Napanee Lake Area G-2690 Kenora Mining District. Access to the property from Thunder Bay is via highway 11 west to Highway 502. Head north on highway 502 until you reach Cedar Narrows Road. Travel along Cedar Narrows Road to a point where a secondary logging road heads south at Syndicate Lake towards the property. Atv can be used to get within 100m of Neilson Lake where you can walk in or bring a small boat or canoe to cross the lake to the old workings. The total distance from Thunder Bay to the claim is 427 km's. Located on a point on the west shore of the lake we found the old workings previously known as the Gold Standard.

History from Mineral Deposit Inventory

GRADE - BEST ASSAY: 1.37 OPT AU, 29 G/T AG, 1.52% CU. 1902-1903: A shaft was sunk by Gold Standard Mining Co. to a depth of 28.9 metres at about 10 m of the quartz vein having a width of 1 to 8 feet. At a depth of 24.5 metres, 33.5 metres of crosscutting was done (Carter 1904). 1934: Thomson (1934) reported that gold exploration in the early 1900s resulted in discovery of the Gold Standard Occurrence on Neilson Lake. Here, a 95-foot (28.9 m) shaft with 110 feet (33.5 m) of drifting was excavated to explore a gold-chalcopyrite-bearing quartz vein. One assay of 1.8 ounces gold per ton is reported from the mine dump (Beard and Garratt 1976). (MP 141, p.145) 1988: A selected grab sample collected by the Ontario Geological Survey field crew from a quartz vein at the Gold Standard Occurrence on Neilson Lake and analyzed by the Geoscience Laboratories, Ontario Geological Survey, Toronto, returned 1.37 ounces gold per ton, 0.85 ounce silver per ton (29 g/t silver), and 1.52% copper during a regional mapping survey. (MP 141, p. 145) 1989: Canhorn Mining Corporation optioned the property from R. Fairservice. The company conducted airborne magnetic and electromagnetic surveys and did geological mapping and prospecting. (OFR 5731, p. 82, 83)

Comments from Mineral Deposit Inventory

The occurrence is underlain by felspar-phyric mafic metavolcanic flows, and mafic lapilli-tuff, that have been sheared, to produce chlorite-sericite-carbonate schist. Schist included in the quartz vein is locally silicified and pyritized. The schistosity strikes about 025° and dips 78° to the southwest. The shear zone is very subtle, and strikes 45°, dipping 53° to the southwest. The quartz vein strikes 050°, and dips to the northwest at about 40°. An extension vein occurs under shallow water close to the shoreline, striking at 115°. These structural observations suggest a dextral, north-side-down, oblique-slip component of movement in the shear zone. The opaque quartz-carbonate vein is white to light grey in colour, and has a ribbon texture defined by tourmaline and ankerite layers. The vein consists of contorted veins and veinlets over a width of 1.5 to 2.5 m. The quartz veins are exposed over a 35 m length. The mineralization in the quartz material consists of trace amounts of disseminated pyrite. Locally, massive chalcopyrite occurs within quartz stringers, with <1% pyrite and bornite. The schist included in the quartz material consists of 1-5% disseminated pyrite. The best analysis from 5 grab samples was 2640 ppb gold (Table 11). Analytical results suggest correlation between amounts of gold and total sulphide. (OFR 5731, p. 79 - 84)

1902-1903: A shaft was sunk by Gold Standard Mining Co. to a depth of 28.9 metres at about 10 m of the quartz vein having a width of 1 to 8 feet. At a depth of 24.5 metres, 33.5 metres of crosscutting was done (Carter 1904). 1934: Thomson (1934) reported that gold exploration in the early 1900s resulted in discovery of the Gold Standard Occurrence on Neilson Lake. Here, a 95-foot (28.9 m) shaft with 110 feet (33.5 m) of drifting was excavated to explore a gold-chalcopyrite-bearing quartz vein. One assay of 1.8 ounces gold per ton is reported from the mine dump (Beard and Garratt 1976). (MP 141, p.145) 1988: A selected grab sample collected by the Ontario Geological Survey field crew from a quartz vein at the Gold Standard Occurrence on Neilson Lake and analyzed by the Geoscience Laboratories, Ontario Geological Survey, Toronto, returned 1.37 ounces gold per ton, 0.85 ounce silver per ton (29 g/t silver), and 1.52% copper during a regional mapping survey. (MP 141, p. 145) 1989: Canhorn Mining Corporation optioned the property from R. Fairservice. The company conducted airborne magnetic and electromagnetic surveys and did geological mapping and prospecting. (OFR 5731, p. 82, 83)

Prospecting

On September 21 2014 Peter Gehrels and Allan Onchulenko travelled to the property from Thunder Bay to Neilson Lake Ontario to perform prospecting work on the property. The main objective being to determine the location of the old workings confirm their existence and prospect for gold mineralization at the property. On a peninsula on the west shore of the lake we found the old shaft a test pit several large piles of vein and host rock material several ore buckets and parts of an old stamp mill are still on site. Looking around the site you can find the remnants of several buildings and other evidence of the historic workings. Much time was spent looking at vein material along the walls of the pit and through the several piles. Mineralization noted includes chalcopyrite pyrite ankerite and bornite. Samples were collected of the different styles of mineralization present for further testing. The pit is sunk on a quartz vein about 3 meters wide and lies north of the shaft which is set down in the host rock adjacent to the vein on the north west side of the vein. Some time was spent prospecting along strike of the vein and further west following the shoreline. Other than the main showing no further mineralization was found..

Results

Two samples collected on September 13 after staking were both quartz with sulphide mineralization. Sample 1 was quartz with 10-15% visible chalcopyrite by estimate it yielded 2.7 gpt au upon assay. Sample 2 was quartz with 15-20% euhedral pyrite and 10% chalcopyrite it yielded 200 gpt au upon assay. After receiving assay results it was determined the high grade gold is hidden within the euhedral pyrite. To confirm these assay results several more samples were chosen for testing. Using a gas powered flail chain mill samples of the quartz containing euhedral pyrite were tested against those containing only chalcopyrite the results confirmed the presence high grade gold contained in the euhedral pyrite.

Conclusions

Although the historic reports have shown economic grade ore no history of any drilling was found on the property. The results we obtained through assaying and further testing of the rock are

encouraging and further work will need to be done to determine the potential of the property to host economic gold mineralization. Some stripping should be carried out over the main vein and channel samples should be taken at regular intervals to determine the actual grade over and across the exposed areas of the vein.



Thursday, October 2, 2014

Preliminary Analysis

Geon Exploration
2239 Burkes Road
Gorham, ON, CAN
P7A 0B3
Ph#: (807) 474-9110
Fax#: 807344-468
Email: alncent@hotmail.com

Date Received: 09/16/2014
Date Completed: 10/02/2014
Job #: 201442002
Reference:
Sample #: 2

Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
Sample # 2 153129	GS-P	>10.000	200.471
Sample # 1 153130	GS-C	2.761	
153131	GS-C Dup	2.321	

APPLIED SCOPES: ALP1, ALFA1, ALMA1, ALCuMA2, ALFA7

Validated By:

Andrew Oleski, Instrumentation Manager

Certified By:

Derek Demianuk H.Bsc. Laboratory Manager

Authorized By:

No Signature

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.

Google Maps regional map northwestern ontario

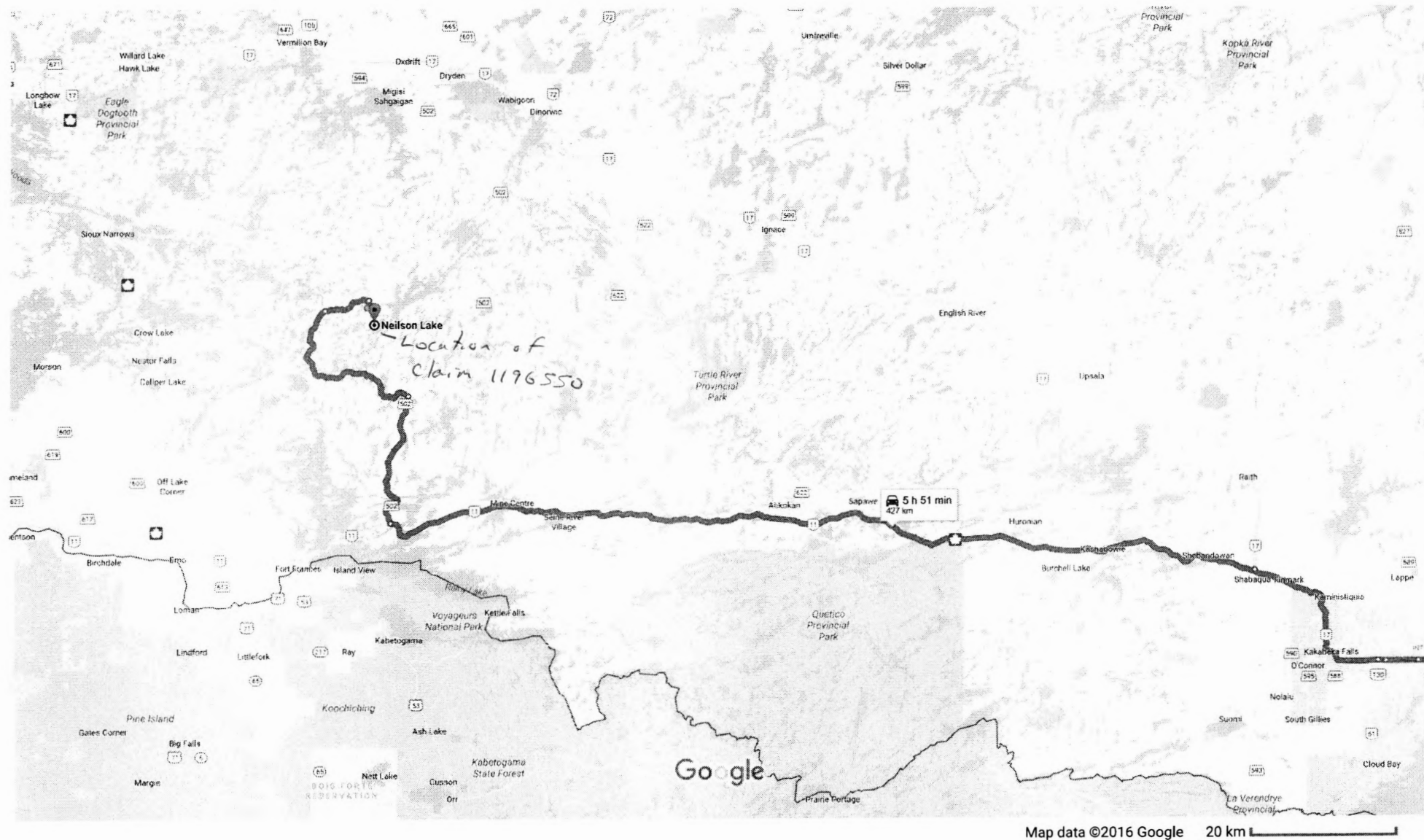
Regional



Map data ©2016 Google 20 km

Did you mean:

Drive 427 km, 5 h 51 min



5 h 51 min

427 km

Claim 1196550

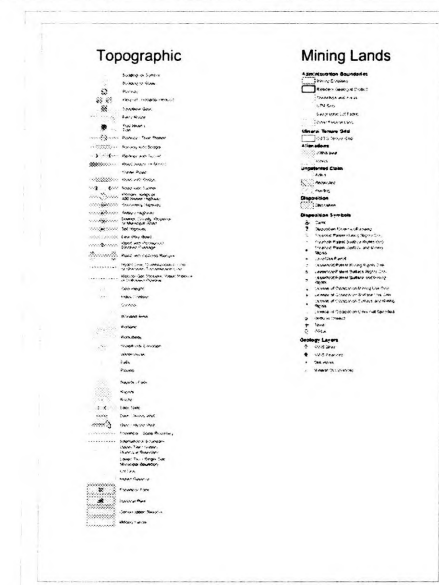
Date / Time of Issue: Mon Sep 05, 12:17:35 EST 2016



Ontario Ministry of Northern Development and Mines
Mining Lands Claim Map

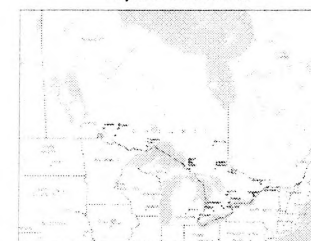
Administrative Districts

Township
NAPANEE LAKE AREA
Mining Division
Kenora
Land Registry
KENORA
MNR District Office
FORT FRANCES



0 0.8 km

Map Datum: NAD 83
Projection: Web Mercator



Those wishing to stake mining claims should consult with the Provincial Mining Records' Office of the Ministry of Northern Development and Mines for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources.

Completeness and accuracy are not guaranteed.

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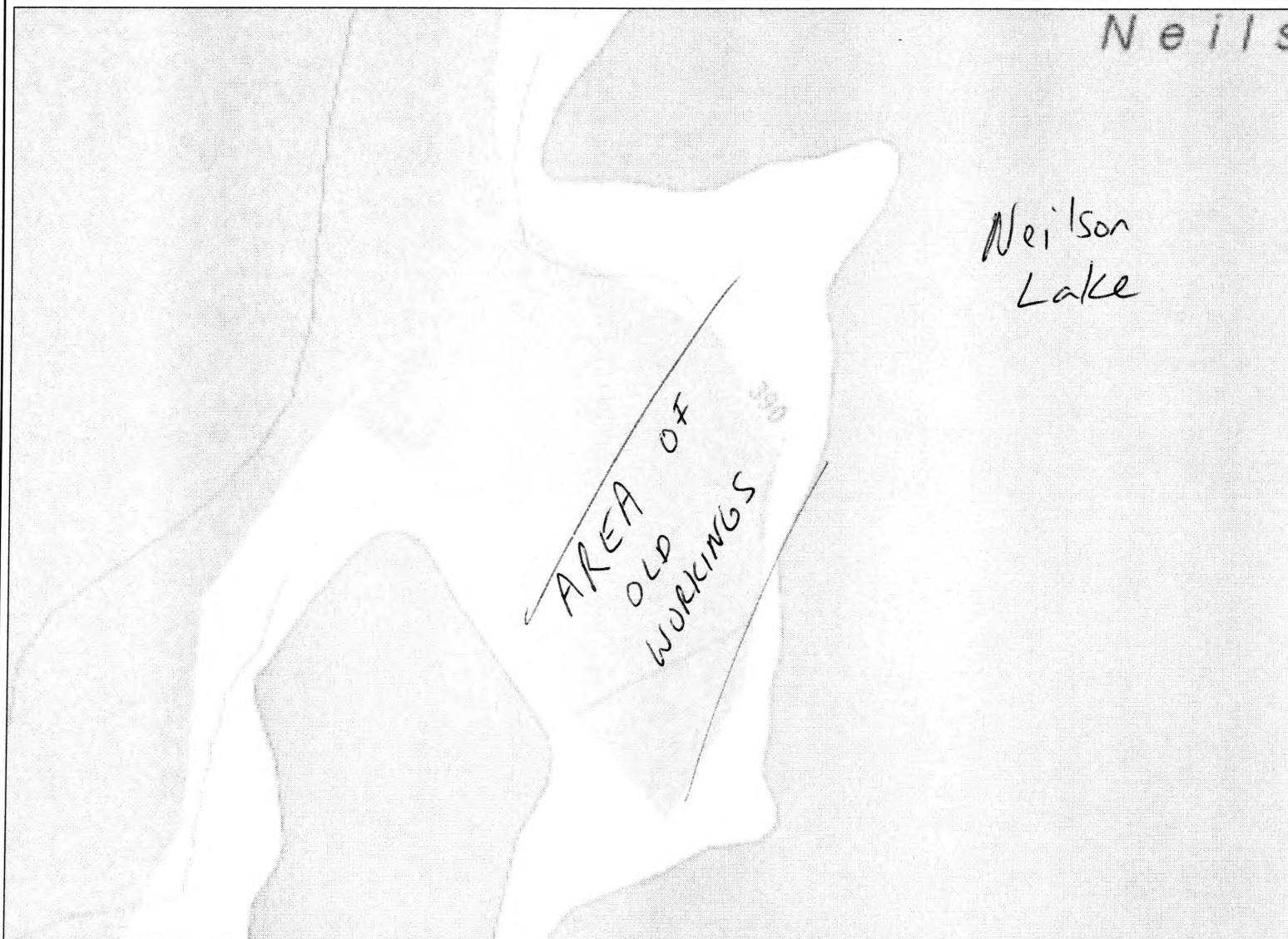
The information shown is derived from digital data available in the Provincial Mining Records' Office at the time of downloading from the Ministry of Northern Development and Mines web site.

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Enter map title

Notes:
Enter map notes



Legend

Administration Boundaries

- Mining Divisions
- Resident Geologist District
- Townships and Areas
- UTM Grid
- Geographic Lot Fabric
- Other Federal Land

Mineral Tenure Grid

- OMTG Tenure Grid

Alienations

- Withdrawal
- Notice

Unpatented Claim

- Active
- Reconciled
- 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
- Dike Holes
- Mineral Occurrences

0 0.1 km

Projection: Web Mercator

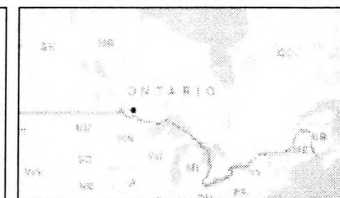


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Neilson Lake
Traces for
prospecting
Claim
1196550



Wooded Area

Wooded Area

Wooded Area

Wooded Area

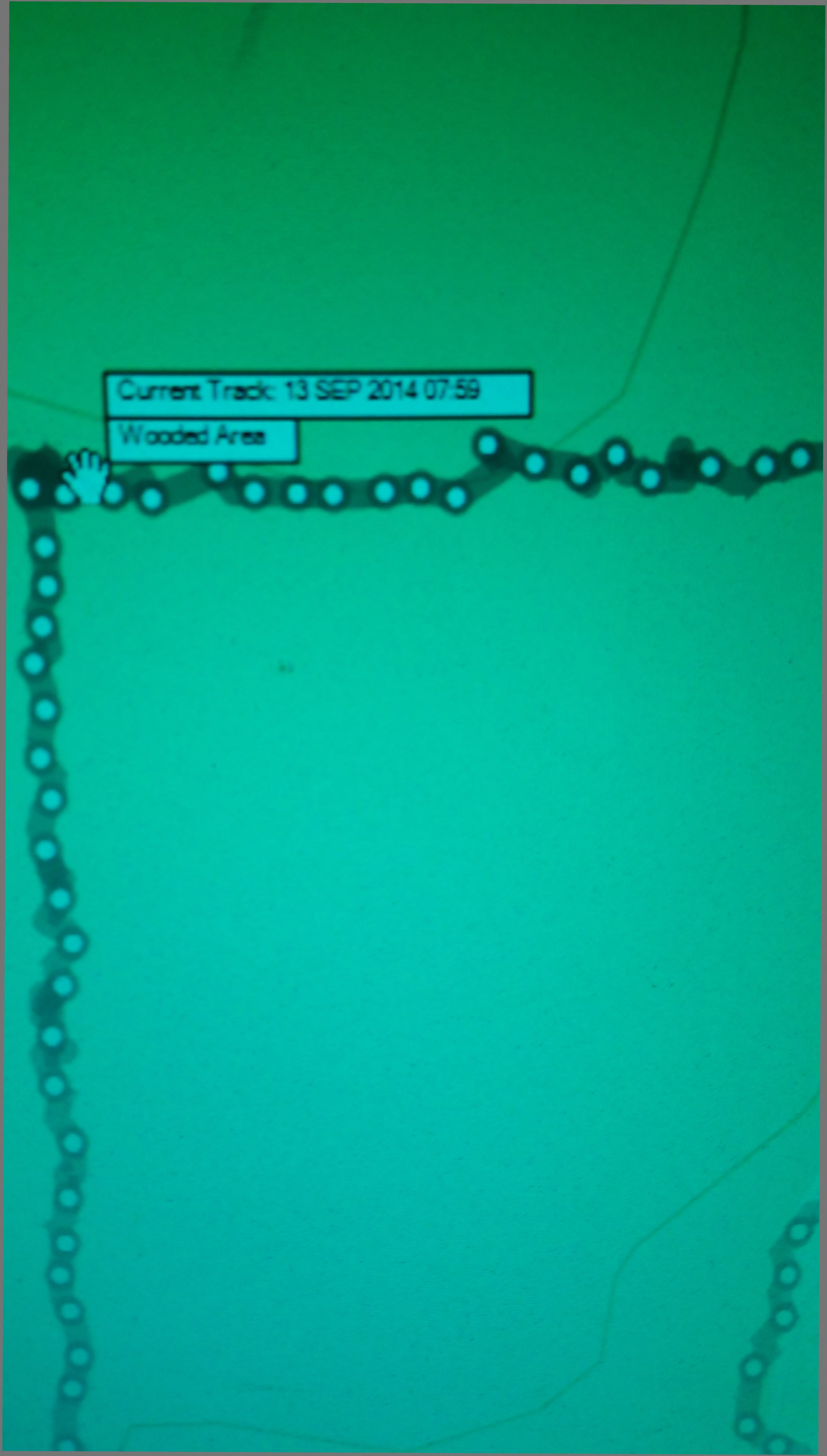
400

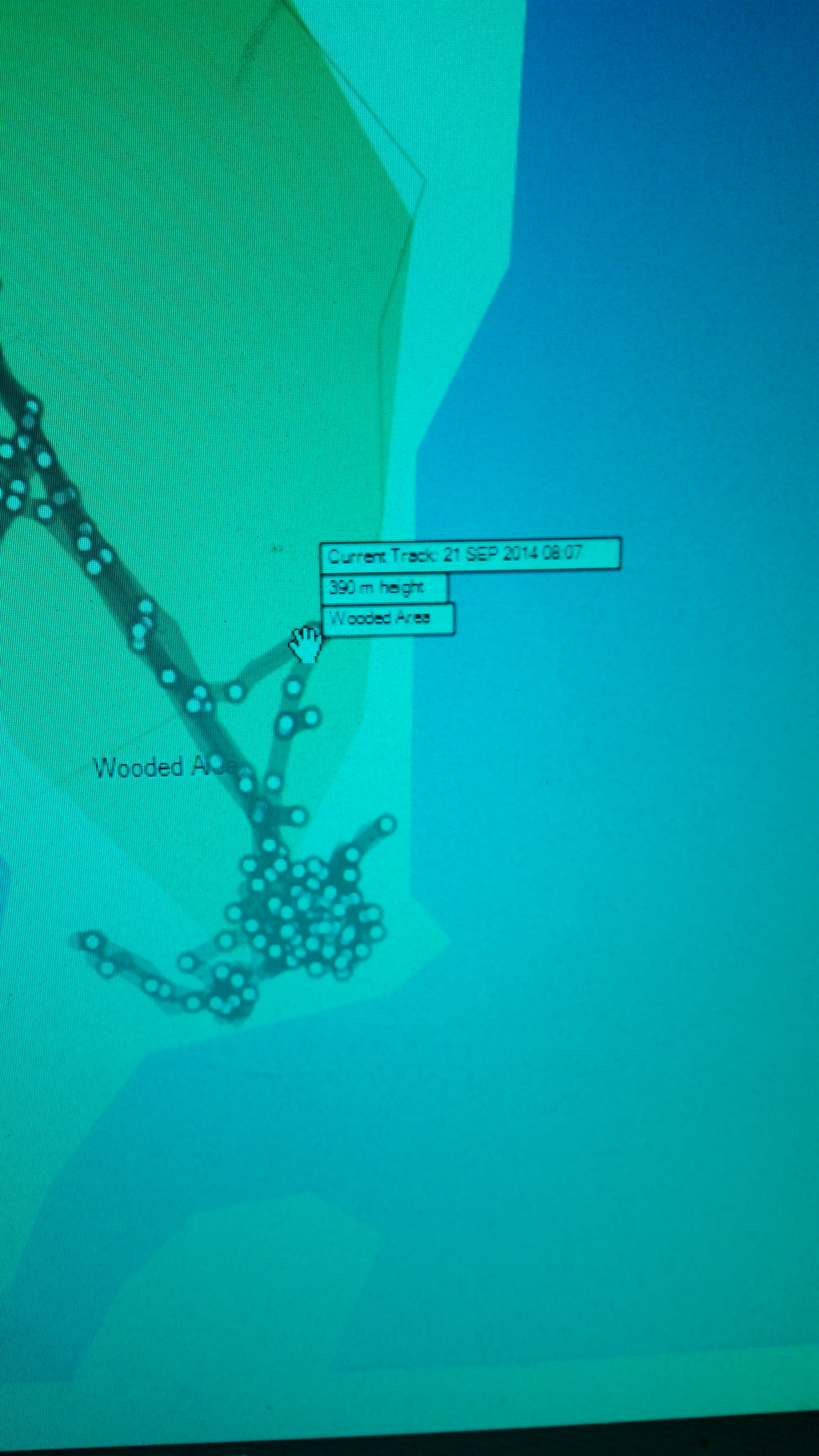
200m
Scale bar

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Canada

Current Track: 13 SEP 2014 07:59

Wooded Area





Current Track: 21 SEP 2014 08:07

390 m height

Wooded Area

Wooded Area