



Transition Metals

XTM-TSX.V

Island Copper Property

Sault Ste. Marie, Ontario
Potential IOCG

Q4-2018

Island Copper Property Location



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- Located 23 km N of Sault Ste. Marie (pop. 73,368).
- Located along the Highway 556 and adjacent to rail line.
- Excellent access via a network of paved roads.
- In Aweres Township, Sault Ste. Marie Mining District.
- 100% owner by XTM with no underlying agreements.
- Property contains 8 mining claims for 160 hectares.



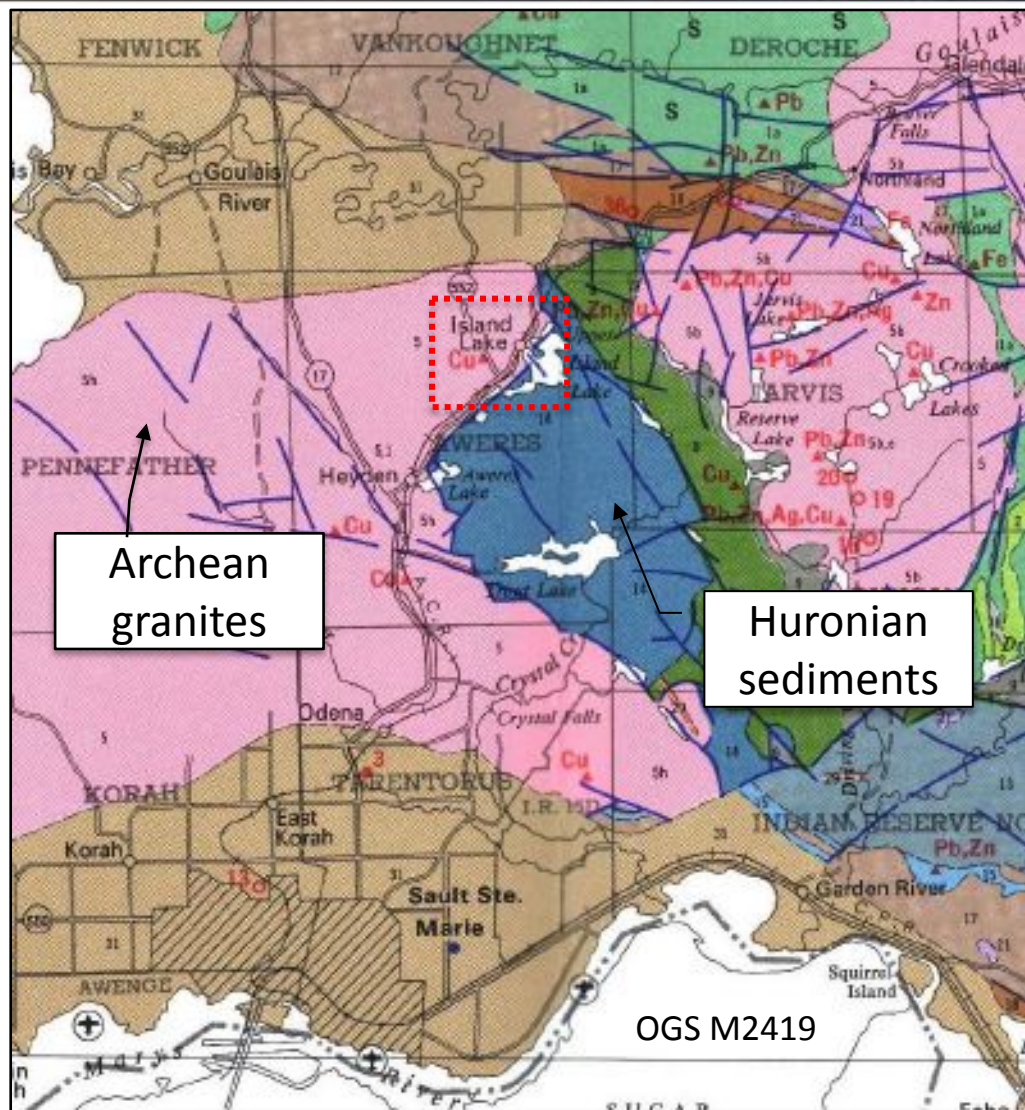
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Regional geology



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- Numerous Cu showings around Lake Superior related to the Proterozoic aged Mid-Continental Rift.
- Extensive faulting locally places Proterozoic aged Huronian Sediments next to Archean granites.
- Cu mineralization associated with altered host rocks and late structures.
- This area has been historically viewed as having potential for IOCG-style mineralization due to the structure, wide-spread alteration, oxide association and geophysical signature.



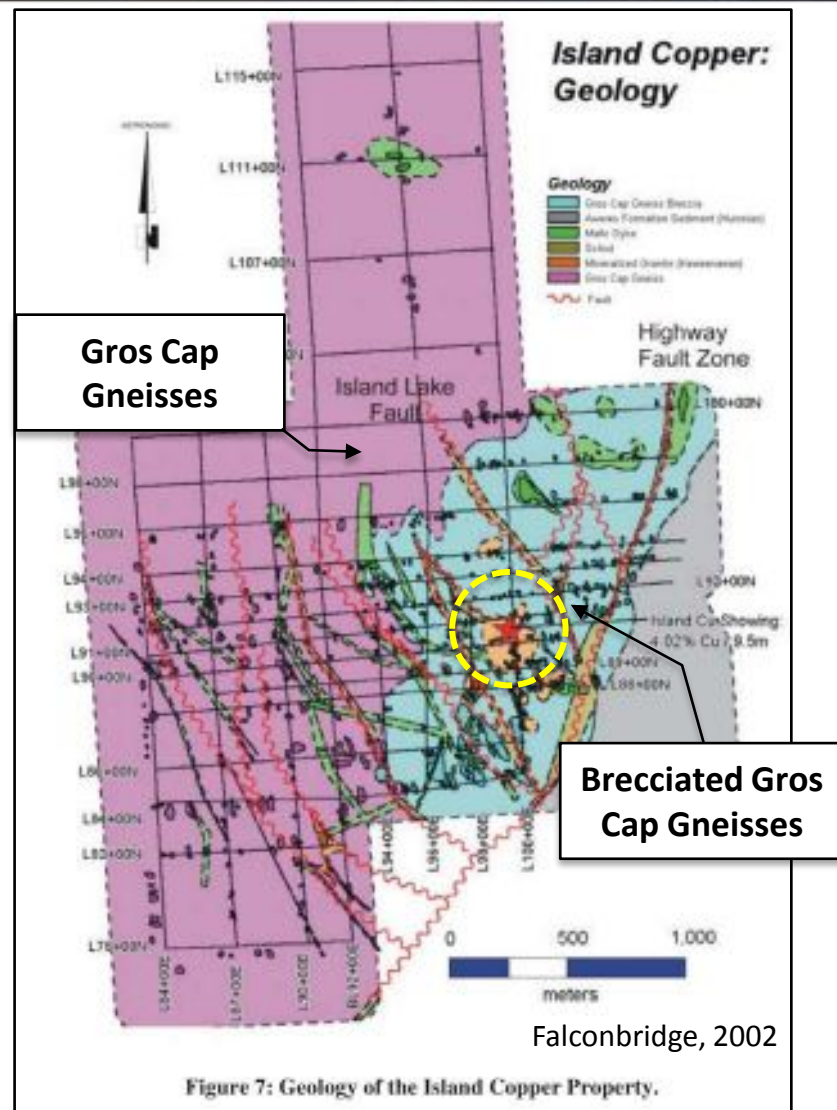
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Local geology



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- Copper mineralization is hosted within a faulted, altered and brecciated granite/ tonalite gneiss (Gros Cap Gneisses).
- A series of faults have been shown to control mineralization throughout the property by Falconbridge in 2005.
- No drilling was done to test the 2005 interpretation.
- Albite alteration along faulting at surface and at depth correlate with mineralization.
- Fault extent could be extended to the northwest beyond the historical claim area.
- Numerous mafic dykes cut through the property and are displaced by younger faulting events.



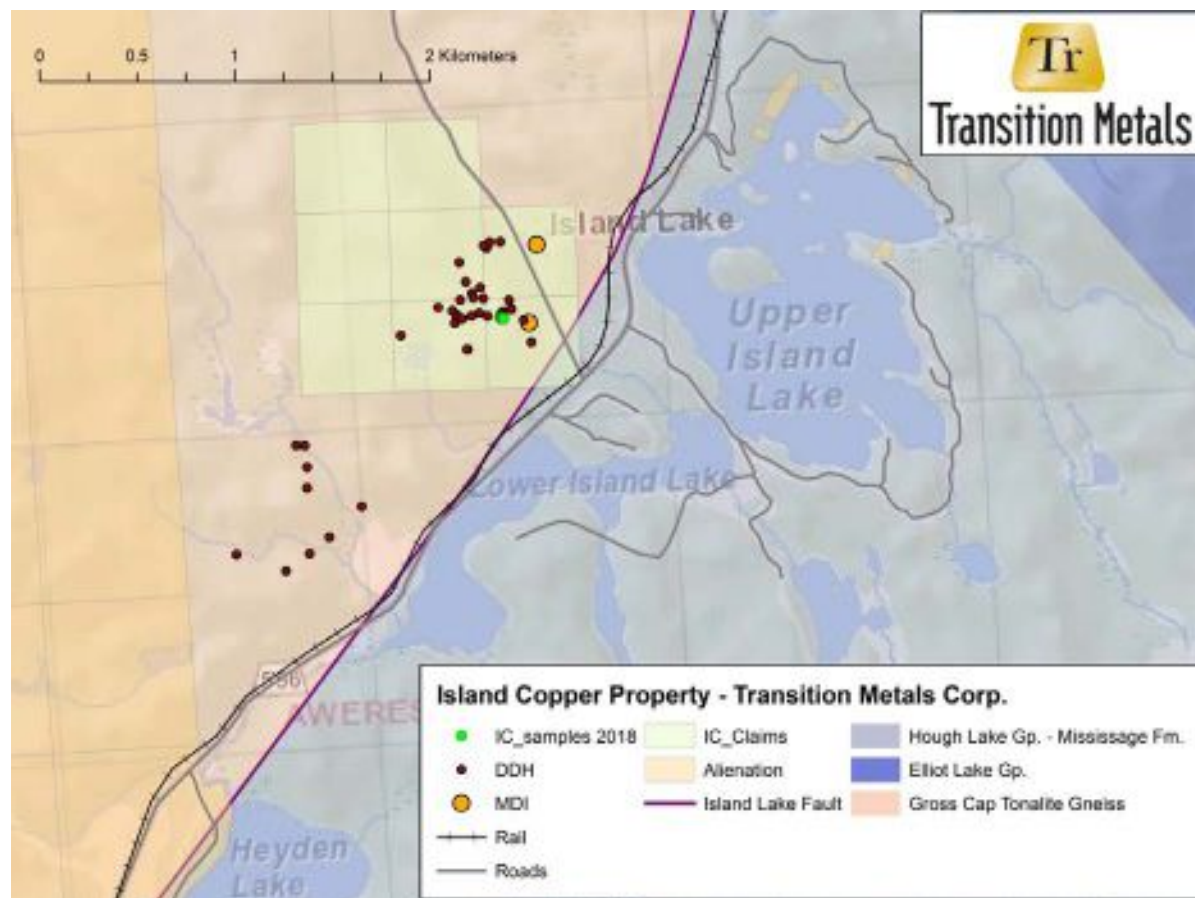
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Historical Work Highlights



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- Historic drilling at the Hilltop showing by Kennco Exploration in 1965 returned 3.0m @ 5.22% Cu and 9.5m @ 4.02% Cu.
- Several other short holes have been drilled in 1965, 1970, and 1971.
- Maximum depth was 167m, and average depth was 70m.
- Several trenches were dug in the area where faulting, shearing, alteration, and mineralization can be observed.



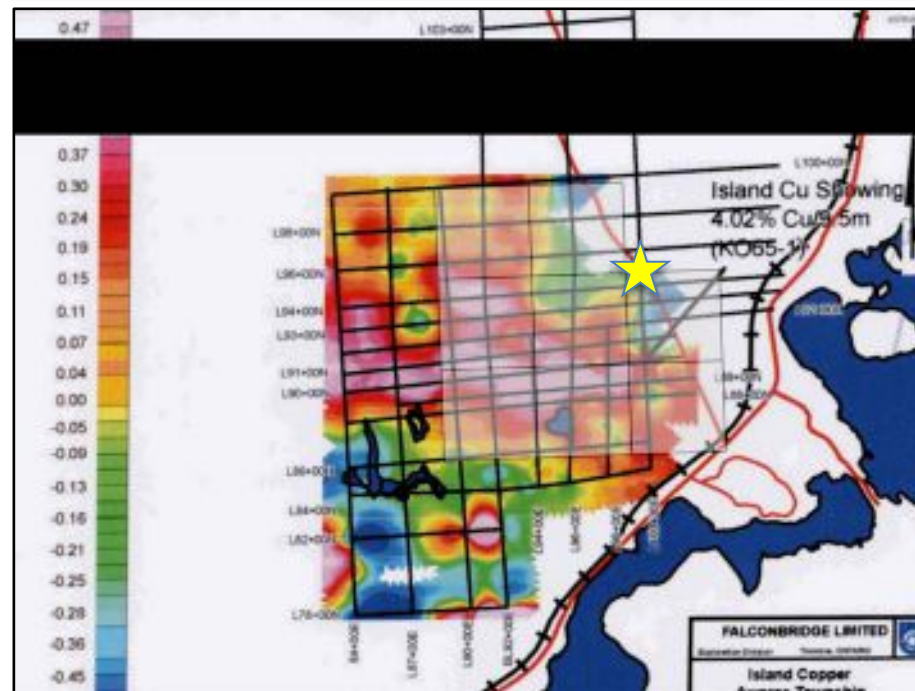
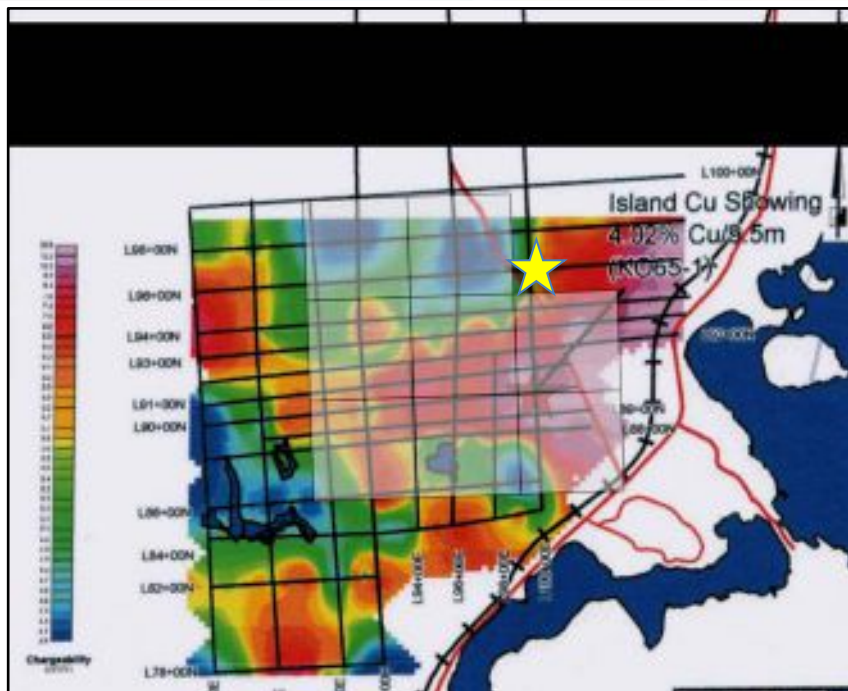
Base Regional Geology Map OGS Online Database

Island Copper Property

Historical Work Highlights



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- Geophysical surveys, sampling, mapping, and geochemistry work was outlined in two reports by Falconbridge in 2002 and 2005.
- Prominent magnetic and gravity anomalies associated with the known Cu mineralization which extends well beyond the Hilltop showing and the historical trenches.
- Series of short historic drill holes only focused on mineralization related to the main Hilltop Showing and roadside occurrence.

Island Copper Property Work Programs



Transition Metals

- The property was visited in summer of 2018 and several trenches were visited and sampled.
- A total of 9 samples have been collected for analysis.
- Several pods, veins, and shears contained massive Chalcopyrite.



Main Trench 2018 Samples		
Lab ID	Cu wt.%	S wt.%
S899379	2.8	3.21
S899380	9.0	9.41
S899381	4.21	3.97
S899382	4.67	5.37
S899383	4.69	4.72
S899384	1.61	1.63
S899385	3.72	3.80
S899386	3.14	3.19
S899387	0.63	0.90

Island Copper Property Summary



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- 8 claims contain high grade Cu occurrences within a fertile geological environment.
- Mineralization controls could be better defined with additional work.
- Numerous other sulphide showings within the region suggest there is potential to find new zones of mineralization.
- Full extent of a gravity anomaly identified in 2005 by Falconbridge has yet to be fully explored.
- Last exploration activities completed in 2011 by local geological.
- Excellent local infrastructure and access.
- All claims owned 100% by Transition Metals Corp., with no underlying agreements.

Transition Metals Corp.

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