

Henderson Lake Cu-Ni

LOCATION

The property is located in Northern Ontario close to the south shore of Lac Des Mille Lac and close to other intrusions that host Cu-Ni mineralization such as Bark Lake that's returned 0.31% Cu + 0.72g/t Pt + Pd over 19.20m. Located 90 kilometers northwest of Thunder Bay, the property has great all season road access. Centered @ coordinate 696,300mE and 5,413,000mN (UTM NAD83 Zone15).

OWNERSHIP

The current property consists of 31 claims, with a surface area of 657 hectares, all held by Metals Creek Resources. The claims are in good standing until October 2026.

PROPERTY DESCRIPTION

The project area lies within a narrow sliver of greenstone on the south edge of the Wabigoon subprovince. Worked historically for 'VMS' style base metals, MEK staked the ground for magmatic sulphides based upon geology and a historic drill intercept within a gabbro. The gabbro consists of a weak to moderate magnetic high coincident with mafic/ultramafic rocks hosting anomalous copper and nickel. Two holes were drilled in 1978 and 1981 resulting in 2.26m of 1.47% Cu + 0.19% Ni and ~4m of 0.5-2.0% chalcopyrite + 5% pyrrhotite respectively and lie approximately 50m apart. The magnetic feature is interpreted to be one of numerous gabbroic bodies within a northeast/southwest belt of felsic to intermediate volcanics and gabbro plugs. Clusters of EM anomalies remain untested within the interpreted gabbro.

EXPLORATION HISTORY

The area has had extensive exploration for base metal mineralization; particularly in the 1970's and 80's. Numerous companies such as Rio Tinto, Conwest Exp, Cumberland, Phelps Dogde and others have conducted both airborne and ground geophysical surveys in the general area. The gabbro was drilled first in 1978 by Conwest Exp. testing a weak HLEM conductor that turned out to be mineralized gabbro hosting an interval of 2.25m @ 1.47% Cu and 0.19% Ni.

MEK resampled a 5.50m section of drill core from Rio Tinto hole C-81-01 from what was remaining at the MNM core library. The strongest mineralized interval for the hole was missing from the core library. An individual sample of weakly mineralized pyroxenite/melanogabbro adjacent to the missing mineralization returned 0.49% Cu and 0.012% Co.

SIGNIFICANT FEATURES and DISCOVERY POTENTIAL:

- Under-explored gabbro body
- Magnetic anomaly with excellent access
- Blebby magmatic sulphides in the system (similar to LDI, Legris, Revel)
- 2 mineralized holes approximately 50m apart
- Untested EM clusters that may represent sulphide bearing mafic/ultramafic bodies
- Drill core of 1981 Rio Tinto mineralized hole is available for re-sampling (MEK sampled some, but strongest mineralized interval is missing)
- Close to significant infrastructure including all season roads, highpower transmission lines and rail lines
- Hasn't seen modern geophysical techniques
- 22km ENE of the Bark Lake Cu-Ni-PGE in similar geologic setting. Drilled: 0.31% Cu + 0.16% Ni & 0.72g/t Pt + Pd over 19.20m (Benton Resources press release May 25, 2018)
- The system hosts mineralization which is a good start and the potential of additional mineralization is promising

HENDERSON LAKE PROPERTY

LAC DES MILLE LAC



DOG LAKE



ONTARIO

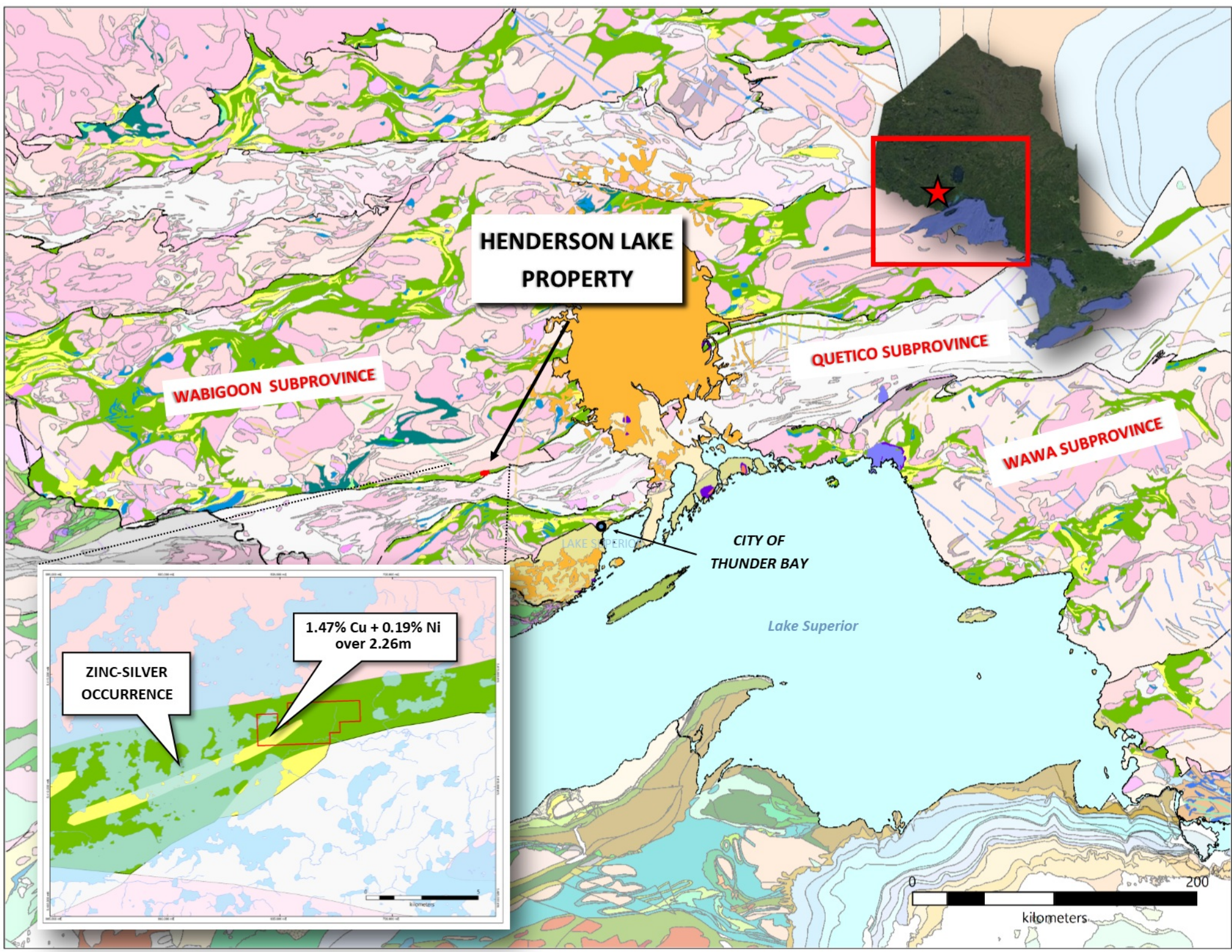
SHEBANDOWAN LAKE

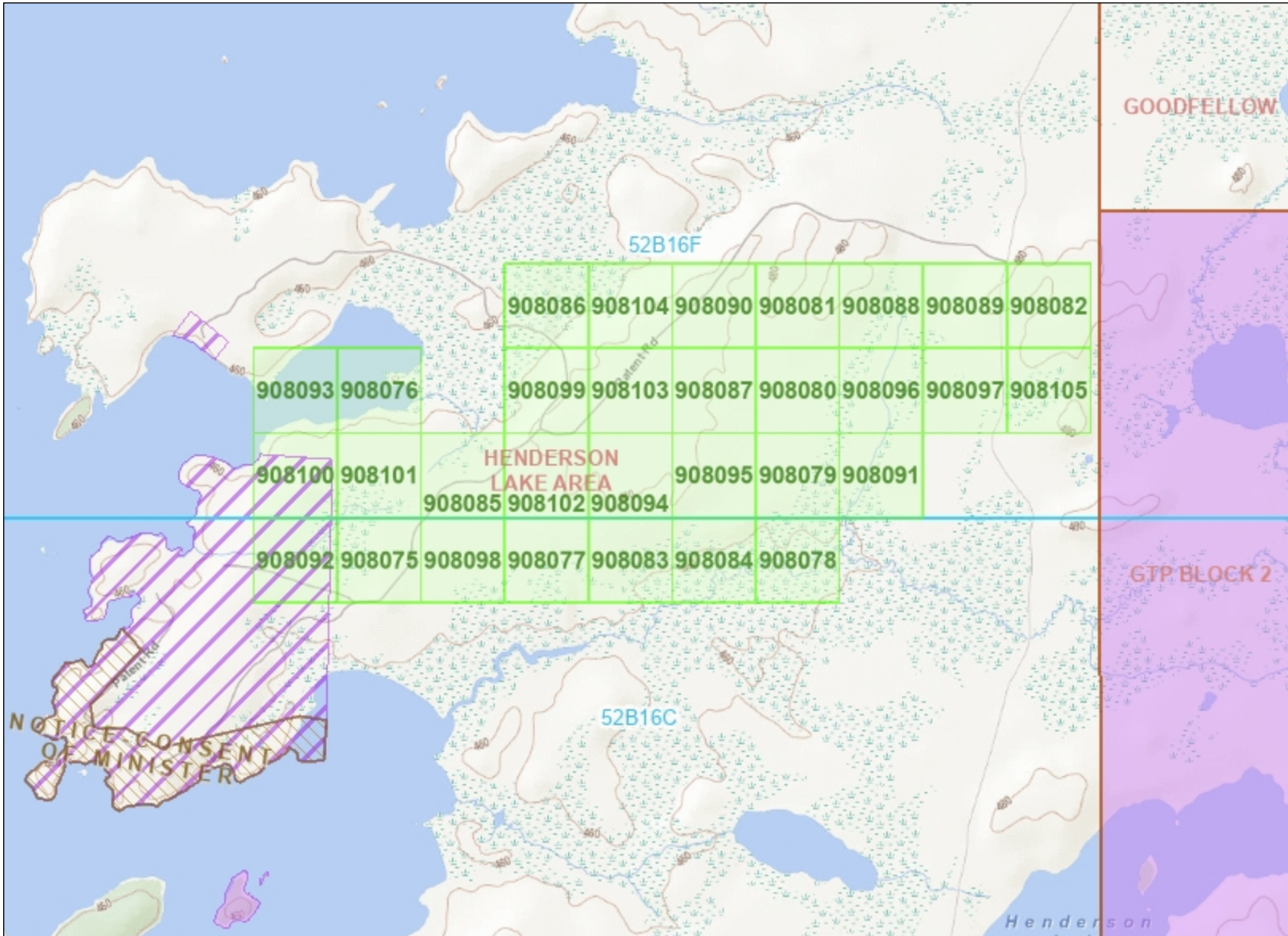
CITY OF THUNDER BAY

LAKE SUPERIOR



kilometers





Legend

- Provincial Grid Cell**
 - Available
 - Pending
 - Unavailable
- Mining Claim**
 - Mining Claim
 - Boundary Claim
- Alienation**
 - Withdrawal
 - Notice
- MINES Administrative Boundaries**
 - MINES Townships and Areas
 - Geographic Lot Fabric
 - UTM Grid 1K
 - UTM Grid 10K
 - Mining Division
 - Mineral Exploration and Development Region
 - CLUPA Protected Area - Far North
 - Resident Geologist District
 - Federal Land Other
 - Native Reserves
- AMIS Sites**
 - AMIS Sites
 - AMIS Features
 - Drill Hole
 - Mineral Occurrences
- MLAS Mining History**
 - Withdrawal - History
 - Notice - History
 - Mining Claim - History
 - Mining Land Tenure - History
 - Legacy Claim
- Provincial Grid**
 - Provincial Grid 250K
 - Provincial Grid 50K
 - Provincial Grid Group
- Land Tenure**
 - Surface Rights
 - Mining Rights
 - Mining and Surface Rights
 - Order-in-Council

Those wishing to register mining claims should consult with the Provincial Mining Recorders' Office of the Ministry of Mines (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. Additional information may also be obtained through the local Land Titles or Registry Office, or the Ministry of Natural Resources and Forestry. The information shown is derived from digital data available in the Provincial Mining Recorders' Office at the time of downloading from the Ministry of Mines (MINES) web site.

0 1.67 km

Projection: Web Mercator

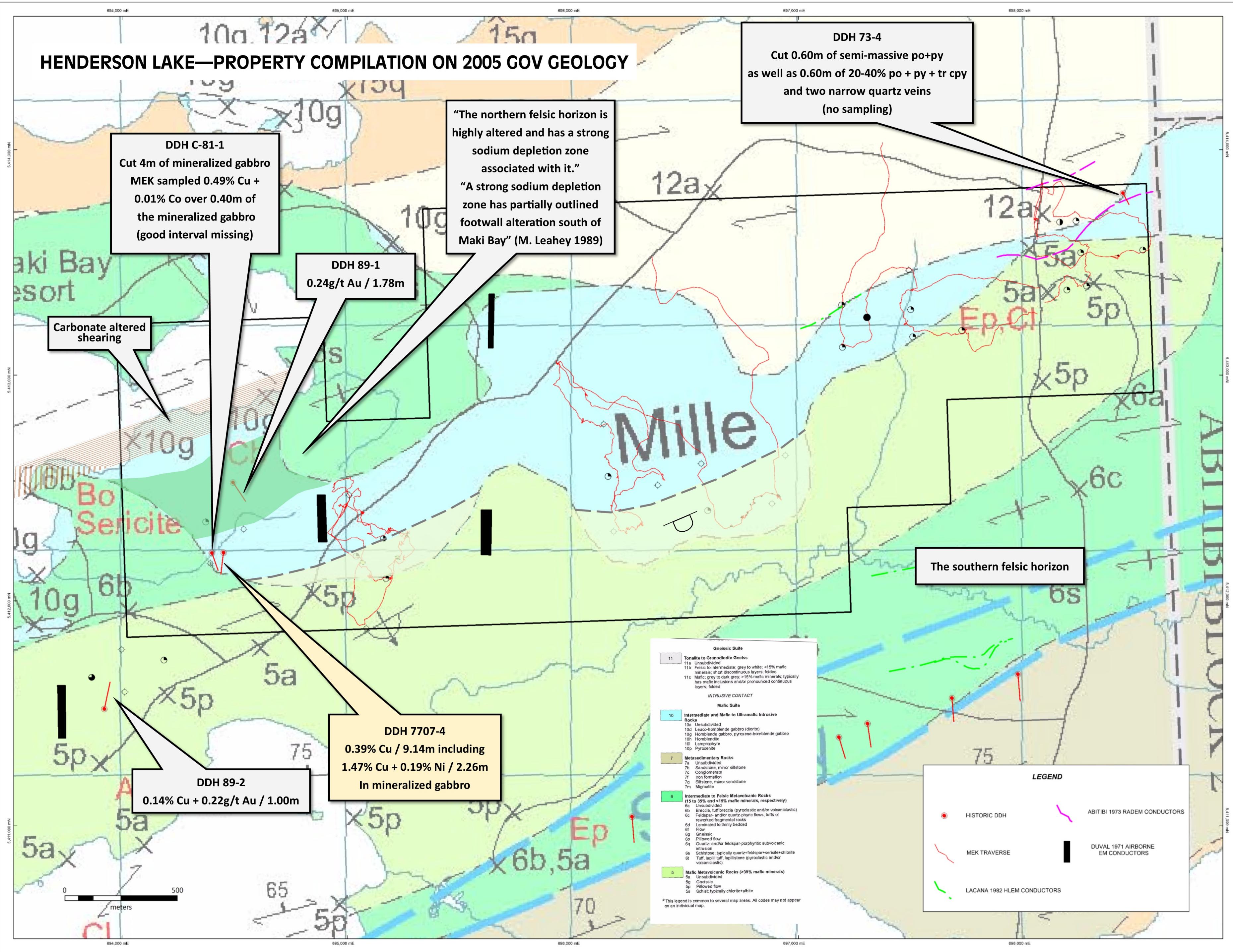


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HENDERSON LAKE—PROPERTY COMPILATION ON 2005 GOV GEOLOGY



DDH C-81-1
Cut 4m of mineralized gabbro
MEK sampled 0.49% Cu +
0.01% Co over 0.40m of
the mineralized gabbro
(good interval missing)

DDH 89-1
0.24g/t Au / 1.78m

"The northern felsic horizon is highly altered and has a strong sodium depletion zone associated with it."
"A strong sodium depletion zone has partially outlined footwall alteration south of Maki Bay" (M. Leahy 1989)

DDH 73-4
Cut 0.60m of semi-massive po+py
as well as 0.60m of 20-40% po + py + tr cpy
and two narrow quartz veins
(no sampling)

Carbonate altered shearing

The southern felsic horizon

DDH 89-2
0.14% Cu + 0.22g/t Au / 1.00m

DDH 7707-4
0.39% Cu / 9.14m including
1.47% Cu + 0.19% Ni / 2.26m
In mineralized gabbro

Gneissic Suite	
11	Tonalite to Granodiorite Gneiss
11a	Unsubdivided
11b	Felsic to intermediate, grey to white; <15% mafic minerals; short discontinuous layers; folded
11c	Mafic; grey to dark grey; >15% mafic minerals; typically has mafic inclusions and/or pronounced continuous layers; folded
INTRUSIVE CONTACT	
Mafic Suite	
10	Intermediate and Mafic to Ultramafic Intrusive Rocks
10a	Unsubdivided
10d	Leuco-hornblende gabbro (diortite)
10g	Hornblende gabbro, pyroxene-hornblende gabbro
10h	Hornblende
10i	Lamprophyre
10p	Pyroxenite
7	Metasedimentary Rocks
7a	Unsubdivided
7b	Sandstone, min or siltstone
7c	Conglomerate
7i	Iron formation
7g	Siltstone, minor sandstone
7m	Migmatite
6	Intermediate to Felsic Metavolcanic Rocks (>15 to <35% and <15% mafic minerals, respectively)
6a	Unsubdivided
6b	Breccia, tuff breccia (pyroclastic and/or volcanoclastic)
6c	Feldspar- and/or quartz-phyric flows, tufts or reworked fragmental rocks
6d	Laminated to thin bedded
6f	Flow
6g	Gneissic
6p	Pillowed flow
6q	Quartz- and/or feldspar-porphyrific subvolcanic intrusion
6s	Schistose; typically quartz-feldspar-sericite-chlorite
6t	Tuff, lapilli tuff, lapillstone (pyroclastic and/or volcanoclastic)
5	Mafic Metavolcanic Rocks (>35% mafic minerals)
5a	Unsubdivided
5p	Gneissic
5q	Pillowed flow
5s	Schist; typically chlorite+albite

* This legend is common to several map areas. All codes may not appear on an individual map.

LEGEND

- HISTORIC DDH
- MEK TRAVERSE
- LACANA 1982 HLEM CONDUCTORS
- ABITIBI 1973 RADEM CONDUCTORS
- DUVAL 1971 AIRBORNE EM CONDUCTORS



DDH of ~4m mineralized gabbro
with 5% po + 1% cpy
MEK sampled 0.40m of
mineralized interval returning
0.49% Cu + 0.01% Co

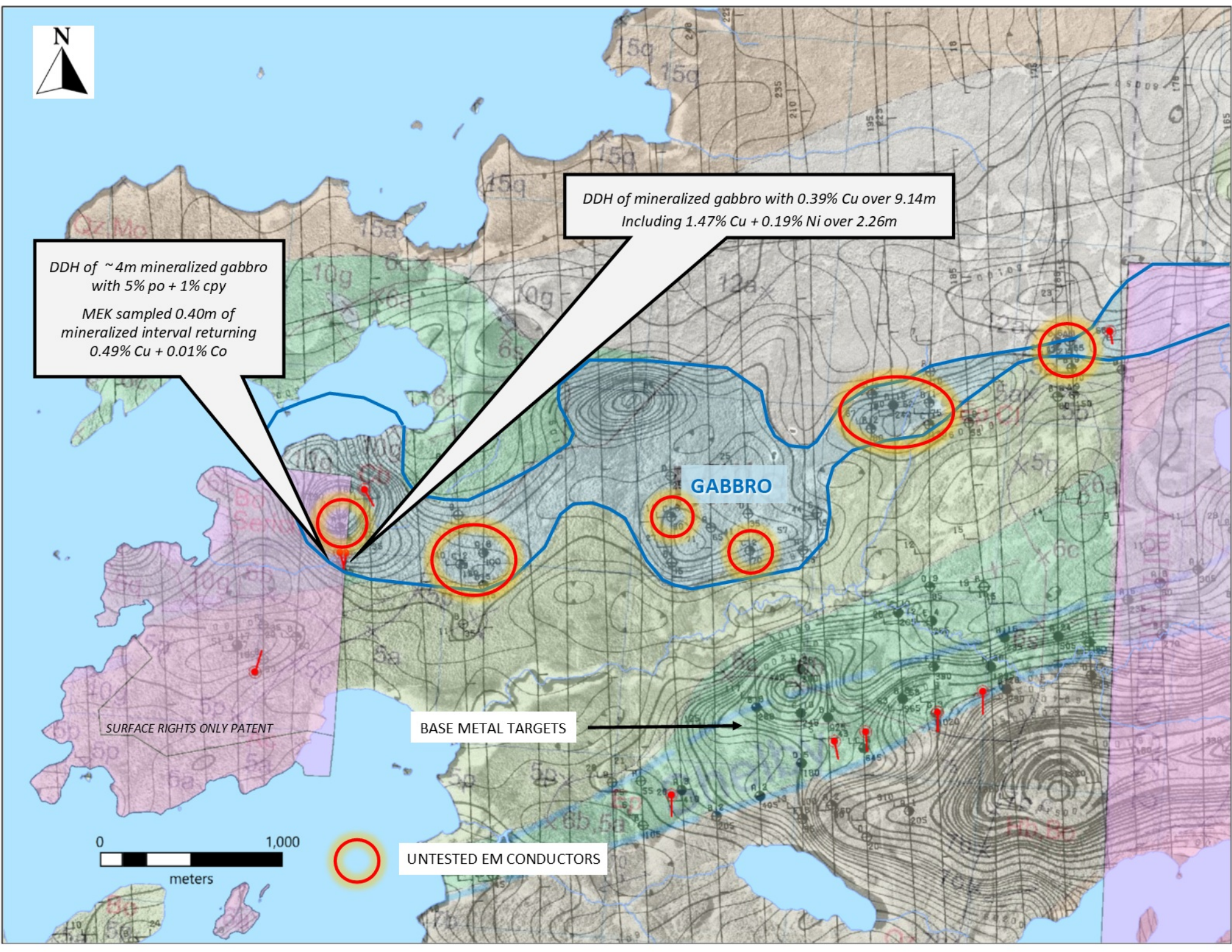
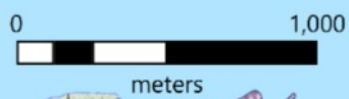
DDH of mineralized gabbro with 0.39% Cu over 9.14m
Including 1.47% Cu + 0.19% Ni over 2.26m

GABBRO

SURFACE RIGHTS ONLY PATENT

BASE METAL TARGETS

UNTESTED EM CONDUCTORS





MAGNETICS ON EM

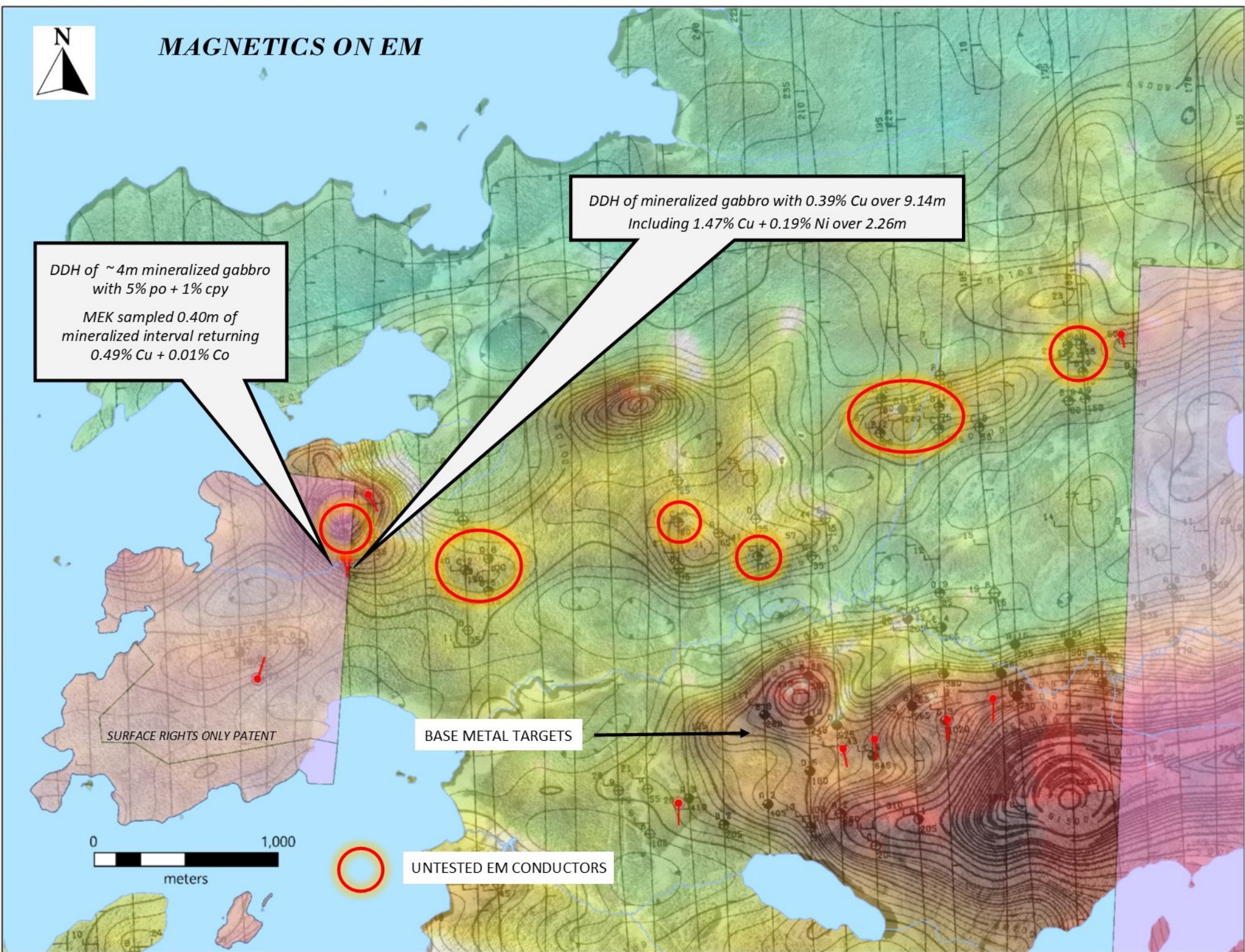
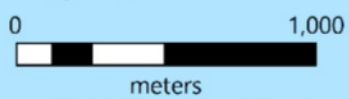
DDH of ~4m mineralized gabbro with 5% po + 1% cpy
MEK sampled 0.40m of mineralized interval returning 0.49% Cu + 0.01% Co

DDH of mineralized gabbro with 0.39% Cu over 9.14m
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BASE METAL TARGETS

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2015 Metals Creek Resources' Re-sampling of Rinto Tinto hole

<i>Sample</i>	<i>From (m)</i>	<i>To (m)</i>	<i>Length (m)</i>	<i>Cu%</i>	<i>Ni%</i>	<i>Co%</i>	<i>Pd g/t</i>	<i>Pt g/t</i>	<i>Au g/t</i>	
MGB-001	69.00	70.00	1.00	0.0209	0.0069	0.0049	<0.010	0.0370	0.0110	weakly mineralized gabbro
MGB-002	70.00	71.00	1.00	0.0289	0.0083	0.0052	<0.010	0.0310	0.0050	weakly mineralized gabbro
MGB-003	71.00	72.00	1.00	0.0338	0.0096	0.0053	<0.010	0.0280	0.0050	weakly mineralized gabbro
MGB-004	72.00	73.00	1.00	0.1099	0.0202	0.0060	<0.010	0.0260	0.0160	weakly mineralized gabbro
MGB-005	73.00	74.10	1.10	0.0748	0.0199	0.0067	0.0110	0.0420	0.0090	weakly mineralized gabbro
MGB-006	74.10	74.50	0.40	0.4886	0.0831	0.0119	<0.010	<0.015	0.0480	mineralized gabbro of approx 2% blebby cpy, py and po
MGB-006 (DUP)				0.4900	0.0817	0.0116	0.0140	<0.015	0.0500	

(NOTE: the next box containing the best mineralization is missing and not available for re-sampling)



HENDERSON LAKE—PROPERTY COMPILATION ON GOV AIRBORNE MAG

DDH 73-4
 Cut 0.60m of semi-massive po+py
 as well as 0.60m of 20-40% po + py + tr cpy
 and two narrow quartz veins
 (no sampling)






DDH 89-1
 0.24g/t Au / 1.78m

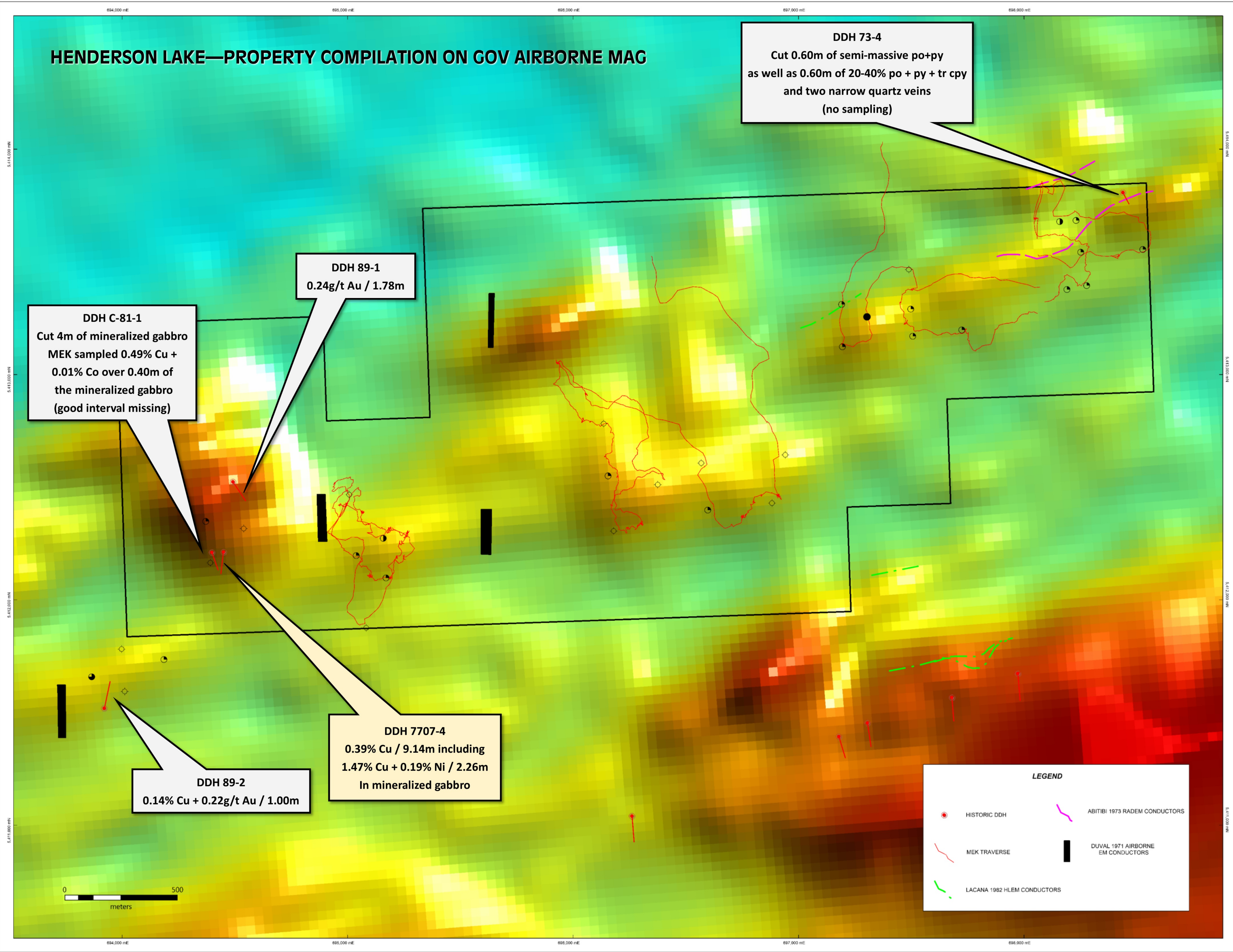
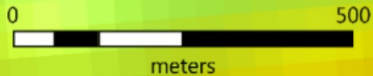
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 1.47% Cu + 0.19% Ni / 2.26m
 In mineralized gabbro

DDH 89-2
 0.14% Cu + 0.22g/t Au / 1.00m

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HENDERSON LAKE—PROPERTY COMPILATION ON GOV AIRBORNE 1VD

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 0.24g/t Au / 1.78m

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