October 28th, 2019

Priority Drill Targets at the Brabant-McKenzie Project in north-central Saskatchewan.

About the Brabant-McKenzie Project

The Brabant-McKenzie project is located 175 kilometres northeast of La Ronge, Saskatchewan and approximately three kilometres from the community of Brabant Lake. The area is accessed year-round via provincial Highway 102 and is serviced by grid power. The project consists of one mining lease, which hosts the Brabant-McKenzie VMS deposit, and additional mineral claims totalling 324 square kilometres, which cover approximately 38 kilometres of strike length over favourable geological horizons, multiple known mineralized showings and identified geophysical conductors.

Qualifying Statement: The following scientific and technical disclosures have been reviewed by Martin St-Pierre, P. Geoph., qualified persons as defined by National Instrument 43-101. Mr. St-Pierre is an independent consultant to Murchison and the Brabant Lake project.

Geophysical data.

The geophysical data presented in this disclosure consist of VTEM Plus and VTEM Max Airborne, surface TDEM and Surface magnetic surveys. Figure 1 presents the high priority exploration targets and interpreted VMS trend axes with the VTEM EM Tau colour image as background. Figures 2 and 3 present the VTEM TMI (Total Magnetic Intensity) and EM Channel 45 Z component colour images, respectively. High priority drill target locations are also presented as numbers. The interpreted VMS trend axis can be seen as trends in the magnetic (Fig2) and EM (Fig 3) colour images. The Brabant-McKenzie deposit location is shown at the north end of Figures 1, 2 and 3.
Figure 1. High Priority Exploration Drill Targets with Interpreted Major VMS Trends
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BRABANT LAKE PROJECT
VTEM AIRBORNE SURVEY
COLOUR IMAGE OF TMI
WITH PROPOSED PRIORITY TARGET LOCATIONS
Figure 2
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BRABANT LAKE PROJECT
VTEM AIRBORNE SURVEY

COLOUR IMAGE OF EM CHANNEL 45 Z
WITH TARGET LOCATIONS

Figure 3
Geophysical Description of Drill Targets.

**TARGET #1 - BRABANT-MACKENZIE SOUTH**

Target #1 is located immediately south of the Brabant-McKenzie deposit. A recent backpack drill hole intersected zinc mineralisation at shallow depth (see News Release September 30, 2019). The geophysical data is presented in Figures 4 and 5. Figure 4 shows the VTEM TMI colour image. Figure 5 shows a colour image of VTEM EM Channel 25 Z component. Both figures include the Maxwell plate modelled from surface TDEM data, the surface showing which is located at the site of the backpack drill and a proposed drill hole. The coincident magnetic and EM trends can be traced to the north to the Brabant-McKenzie deposit, which is outlined in both figures. The Maxwell plate has a low CT (Conductivity-Thickness) of 9.3 Siemens, which may represent sphalerite rich mineralisation as it is a nonconductive metallic sulphide. Figure 6 presents the proposed drill hole.
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TARGET 1 BRABANT-MCKENZIE SOUTH
VTEM SURVEY COLOUR IMAGE OF EM CHANNEL 25 Z
WITH MODELLED EM PLATE AND PROPOSED DRILL HOLE

Figure 4

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TARGET 1 BRABANT-MCKENZIE SOUTH
VTEM SURVEY COLOUR IMAGE OF EM CHANNEL 25 Z
WITH MODELLED EM PLATE AND PROPOSED DRILL HOLE

Figure 5
TARGETS #2 MIN SHOWING NORTH

Targets #2 Min Showing North is located under Brabant lake approximately 5 km southwest of the Brabant-McKenzie deposit within the interpreted VMS trend, and 450 meters northeast of the Min Showing, which returned anomalous zinc, silver and gold values from channel samples (see News Release October 15, 2019). Target 2 conductive response is presented in Figure 7, which shows a colour image of the surface TDEM for channel 15. Included in the figure are the proposed drill hole and historical drill hole BL-12-04, which returned 1.5 g/t silver over 0.5 metre. Proposed drill hole and historical drill hole BL-12-04 in plan and section view for Targets 2 are presented in Figure 10, and show that the historical drill hole was located too far to the east to intersect the modelled conductor.
TARGET #3 - T2T-A

Target #3 T2T-A is located along the interpreted Brabant-McKenzie VMS Trend, approximately 6.2 km southwest of the Brabant-McKenzie deposit. There is no surface expression for this anomaly as its top edge is located under a lake. Figures 9, 10 and 11 present the surface geophysical data. Figure 9 shows the surface magnetic data. Figure 10 shows the surface TDEM for early time channel 1, and Figure 13 shows the surface TDEM for late time channel 36. All three figures contain the modelled Maxwell EM plate and the proposed drill hole. The surface ground magnetic (Figure 9) is highly variable with intense dipolar activity, which is caused by either remanently magnetised magnetite or more likely pyrrhotite. In the early TDEM time channel (Figure 12), the data is dominated by weak shallow conductors located under the lake and small localised responses on land. In the late TDEM time channel (Figure 13) an isolated anomaly remains with a very high conductivity of 4,452 Siemens and is the drill hole targeted feature. Proposed drill hole in plan and section view for Target 3 T2T-A is presented in Figure 12.
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GROUND MAGNETIC SURVEY
TARGET 3 - T2T-A

COLOUR IMAGE OF TM WITH PROPOSED DRILL HOLE

Figure 9
TARGET #4 – TOM 2

Target #4 TOM 2 is located along the interpreted Brabant-McKenzie VMS Trend, approximately 7.5 km southwest of the Brabant-McKenzie deposit. Calc-silicate with pyrite and pyrrhotite are present at the edge of a recessive area overlying the anomaly. Figures 13, 14 and 15 present the surface geophysical data. Figure 13 shows the surface magnetic data. Figure 14 shows the surface TDEM for early time channel 1, and Figure 15 shows the surface TDEM for late time channel 36. All three figures contain the Maxwell EM plate TOM 2 and the proposed drill hole. The surface ground magnetic (Figure 13) shows intense dipolar activity on the southern side of the survey are, which is caused by either remanently magnetised magnetite or more likely pyrrhotite. In the early time channel (Figure 14), we see two EM responses. The southern EM response is coincident with the magnetic dipolar activity and is interpreted as a shallow weak conductor with probable pyrrhotite content. In the late time channel (Figure 15), a single source EM response remains with a very high conductivity of 5,752 Siemens, which is coincident with a broad magnetic high and is targeted by the proposed drill hole. Proposed drill hole in plan and section view for Target 4 TOM 2 is presented in Figure 16.
TARGET #5 TOM COPPER

Target #5 TOM COPPER is located along the interpreted Brabant-McKenzie VMS Trend, approximately 7.5 km southwest of the Brabant-McKenzie deposit. Figure 17 shows the VTEM Channel 45 Z colour image with modelled EM plate and proposed drill hole. Modelled EM plate TOM COPPER is large conductor with shallow dip and low to moderate conductivity of 74
Siemens. Proposed drill hole in plan and section view for Target #5 TOM COPPER is presented in Figure 18.
TARGET #6 BRABANT SOUTH

Target #6 BRABANT SOUTH is located along the interpreted Brabant-McKenzie VMS Trend, approximately 8.2 km southwest of the Brabant-McKenzie deposit. Figures 19 and 20 show the VTEM TMI and EM Channel 45 Z colour images, respectively. Both figures contain the modelled conductive plate and proposed drill hole. The BRABANT SOUTH EM plate has high conductivity of 409 Siemens. The TMI image (Figure 19) shows coincidence between elevated magnetic intensity and the modelled EM plate. Proposed drill hole in plan and section view for Target 6 BRABANT SOUTH is presented in Figure 21.
TARGET #7 MAIN

Target #7 MAIN is located approximately 10.4 km southwest of the Brabant-McKenzie deposit, and 1.3 km to the southeast of the interpreted Brabant-McKenzie VMS Trend. Figures 22 and 23 show the VTEM TMI and EM Channel 46 Z colour images, respectively. Both figures contain the modelled conductive plate and proposed drill hole. The MAIN EM plate has high conductivity of 347 Siemens. The TMI image (Figure 22) shows strong coincidence between elevated magnetic intensity and the modelled EM plate. Proposed drill hole in plan and section view for Target 7 MAIN is presented in Figure 24. Recent backpack drill holes returned anomalous zinc, copper, silver and gold values immediately south of the MAIN conductive plate (see News Release September 23, 2019).
TARGET #8 MAIN WEST

Target #8 MAIN WEST is located approximately 10.9 km southwest of the Brabant-McKenzie deposit, and 1.3 km to the southeast of the interpreted Brabant-McKenzie VMS Trend. Figures 25 and 26 show the VTEM TMI and EM Channel 46 Z colour images, respectively. Both figures contain the modelled conductive plate and proposed drill hole. The MAIN WEST EM plate has high conductivity of 459 Siemens. The TMI image (Figure 25) shows strong coincidence between elevated magnetic intensity and the modelled EM plate. Proposed drill hole in plan and section view for Target 8 MAIN WEST is presented in Figure 27. Recent channel samples returned elevated copper values (see News Release September 23, 2019).
Figure 26

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TARGET 8 MAIN WEST
VTM SURVEY COLOUR IMAGE EM CHANNEL 46 Z
WITH MODELLLED EM PLATE AND PROPOSED DRILL HOLE

Figure 27

TARGET 8 MAIN WEST
MODELLED VTEM PLATE
WITH PROPOSED DRILL HOLE

SECTION VIEW LOOKING SOUTH
TARGET #9 BRA-3

Target #9 BRA-3 is located approximately 7 km south-southwest of the Brabant-McKenzie deposit, and 1.3 km to the southeast of the interpreted Brabant-McKenzie VMS Trend. Figures 28 and 29 show the VTEM TMI and EM Channel 46 Z colour images, respectively. Both figures contain the two modelled conductive plates and proposed drill holes. The BRA-3A and BRA-2B plates have high conductivities of 394 and 294 Siemens, respectively. The TMI image (Figure 28) shows strong coincidence between elevated magnetic intensity and the modelled EM plates. Rock samples in the vicinity of plate BRA-3A show anomalous copper values. Proposed drill holes in plan and section view for Target 9 BRA-3 are presented in Figure 30.
TARGET #10 PETE’S POINT SOUTH

Target #10 PETE’S POINT SOUTH is located approximately 7.3 km south-southwest of the Brabant-McKenzie deposit, and 1.9 km to the southeast of the interpreted Brabant-McKenzie VMS Trend. Figures 31 and 32 show the VTEM TMI and EM Channel 46 Z colour images, respectively. Both figures contain the modelled conductive plate and proposed drill hole. The plate has high conductivities of 367 Siemens. The TMI image (Figure 31) shows strong coincidence between elevated magnetic intensity and the modelled EM plates. Proposed drill hole in plan and section view for Target 10 PETE’S POINT SOUTH is presented in Figure 33.
Target #11 MCIVOR CHANNEL is located approximately 9.4 km south of the Brabant-McKenzie deposit, and within the interpreted McIvor Channel VMS Trend. Figures 34 and 35 show the VTEM TMI and EM Channel 46 Z colour images, respectively. Both figures contain the two modelled conductive plates and proposed drill holes. The McIvor Channel A and McIvor Channel B plates have high conductivities of 967 and 268 Siemens, respectively. The TMI image (Figure 34) shows strong coincidence between elevated magnetic intensity and the modelled EM plates. Rock samples in the vicinity of plate McIvor Channel A show anomalous zinc values. Proposed drill holes for McIvor Channel A and McIvor Channel A in plan and section view are presented in Figure 36 and 37, respectively.
TARGET 11 MCIVOR CHANNEL A MODELLLED SURFACE TDEM PLATE WITH PROPOSED DRILL HOLE

SECTION VIEW LOOKING NORTH

Figure 36
**TARGET #12 MCIVOR 2**

Target #12 MCIVOR 2 is located approximately 11 km south of the Brabant-McKenzie deposit, and within the interpreted McIvor Channel VMS Trend. Figures 38 and 39 show the VTEM TMI and EM Channel 46 Z colour images, respectively. Both figures contain the modelled conductive plate and proposed drill hole. The plate has high conductivities of 479 Siemens. The TMI image (Figure 38) shows strong coincidence between elevated magnetic intensity and the modelled EM plates. Proposed drill hole in plan and section view for Target 12 MCIVOR 2 is presented in Figure 40.