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# **Assessment Report for the Turtlepond Lake Property**

2022 Prospecting

Dryden, Ontario Kenora Mining District October – November 2022

NTS 52F/07, 10

Gregory C. Edwards Tartisan Nickel Corp. 44 Victoria Street, Suite 1102 Toronto, Ontario M5C 1Y2

December 5, 2022

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## **SUMMARY**

On August 31<sup>st</sup> to September 2<sup>nd</sup>, 2022, a reconnaissance trip made to the Turtlepond Lake Property and was undertaken by Tartisan Nickel Corp. for the purpose of Prospecting and to determine future work on The Property. Tartisan personnel were mobilized from the Kenbridge Nickel Project site, which is located approximately 70km due West from the Turtlepond Lake Property. The reconnaissance and Prospecting work occurred over 1 day and was staged out of Dryden, Ontario. This reconnaissance trip was for the purpose of:

- 1. Determining Access to Historic Drill Sites and for Mobilizing Equipment
- 2. Grass Roots Prospecting/Prospecting
- 3. GPS Mapping
- 4. Locating Historic Drill Collars
- 5. Providing Recommendations for future Exploration on the Property

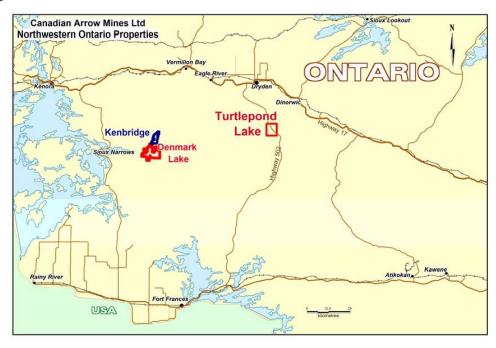
Tartisan Nickel Corp. performed Prospecting work on claims where showings were significant and where further work was recommended by previous assessment reports. The Tartisan Personnel that were mobilized from the Kenbridge Site were:

- 1. Greg Edwards, Geologist for Tartisan Nickel Corp.
- 2. John Sapay, Local Guide and Prospector
- 3. Luc P. Gagnon, Ontario Prospector of 25 years, License No. M24198, Client No. 134444

The nature of the reconnaissance work was to determine future Mineral Exploration work at the Turtle Pond Property based on previous work performed and the recommendations that were laid out in previously filed assessment reports.

## PROPERTY DESCRIPTION, LOCATION and ACCESS

The Turtlepond Lake Property is located approximately 31 kilometres south of Dryden Ontario and is approximately 70km East of Tartisan Nickel Corps. Kenbridge Nickel Project. It is comprised of 7 different showings within contiguous claims along with multiple grids within the larger area. The center of the property is located at 521285 m east and 5486294 m N, UTM NAD 83 (Zone 15) coordinates. The property is situated on claim map Turtle Pond Lake (G-2595), NTS: 052F/10SE as illustrated in Figure 1.



The Turtlepond Property is accessed by Ontario Highway 502, going South from Dryden, Ontario for approximately 31.8 km. Highway 502 bisects the property from the northwest corner to the southeast corner for approximately 8.2 km. The highway provides access to the property and allows access to old logging roads and ATV trails which access the claims within the property (Figure 2). Currently, most logging roads have been rehabilitated due to the cease in logging activity and are grown over. Some logging roads are open, but access from these roads to drill sites are hindered due to the reforestation program on the property. Access to the drill sites is possible by foot and may be possible by ATV.

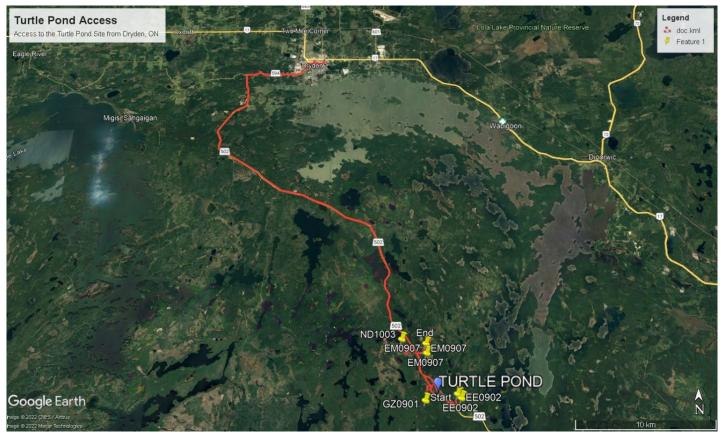


Figure 2. Location Map with GPS Tracks from Dryden, ON to the Turtlepond Property

The Turtlepond Lake Property is located within the Kenora Mining District and is comprised of contiguous claims that are inclusive of 6 separate areas with multiple showings:

- 1. Night Danger
- 2. Emmons Lake
- 3. Prigg
- 4. Big Prigg
- 5. Glatz
- 6. North Glatz
- 7. Double E

The Turtlepond Lake Property consists principally of 85 staked units covering 1,782.36 Ha, situated within the Kenora Mining Division (Figure 4). The contiguous claims that are owned 100% by Tartisan Nickel Corps. wholly owned subsidiary Canadian Arrow Mines Limited is shown in Figure 4.

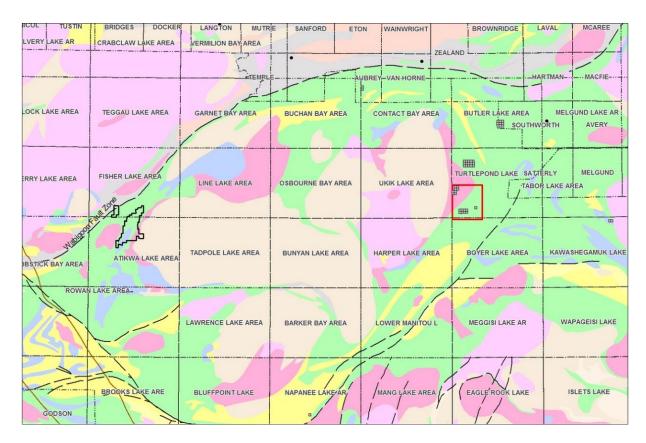


Figure 3. Turtlepond Lake Area and Twownships

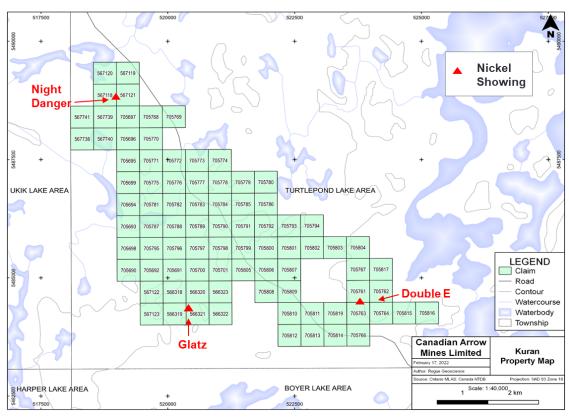


Figure 4. Turtlepond Lake Area Claims Owned by Tartisan Nickel Corp.

Table 1. Turtlepond Lake Claims List

Tenure ID	Cell ID(s)	Tenure Type	Anniversary Date	Holder	Township/Area	Work Required
566318	52F10B325	SCMC	2021-12-10	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
566319	52F10B345	SCMC	2021-12-10	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
566320	52F10B326	SCMC	2021-12-10	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
566321	52F10B346	SCMC	2021-12-10	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
566322	52F10B347	SCMC	2021-12-10	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
566323	52F10B327	SCMC	2021-12-10	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
567118	52F10B142	SCMC	2021-12-22	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
567119	52F10B123	SCMC	2021-12-22	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
567120	52F10B122	SCMC	2021-12-22	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
567121	52F10B143	SCMC	2021-12-22	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
567122	52F10B324	SCMC	2021-12-22	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
567123	52F10B344	SCMC	2021-12-22	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
567738	52F10B181	SCMC	2021-12-26	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA,UKIK LAKE AREA	\$ 400
567739	52F10B162	SCMC	2021-12-26	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
567740	52F10B182	SCMC	2021-12-26	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
567741	52F10B161	SCMC	2021-12-26	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA,UKIK LAKE AREA	\$ 400
705690	52F10B303	SCMC	2024-02-08	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705691	52F10B305	SCMC	2024-02-08	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705692	52F10B304	SCMC	2024-02-08	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705693	52F10B263	SCMC	2024-02-08	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705694	52F10B243	SCMC	2024-02-08	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705695	52F10B203	SCMC	2024-02-08	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705696	52F10B183	SCMC	2024-02-08	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705697	52F10B163	SCMC	2024-02-08	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705698	52F10B283	SCMC	2024-02-08	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705699	52F10B223	SCMC	2024-02-08	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705700	52F10B306	SCMC	2024-02-08	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705701	52F10B307	SCMC	2024-02-08	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705761	52F10B333	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705762	52F10B334	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705763	52F10B353	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705764	52F10B354	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705766	52F10B373	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705767	52F10B313	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705768	52F10B164	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705769	52F10B165	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705770	52F10B184	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705771	52F10B204	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705772	52F10B205	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705773	52F10B206	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705774	52F10B207	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705775	52F10B224	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705776	52F10B225	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400

Tenure ID	Cell ID(s)	Tenure Type	Anniversary Date	Holder	Township/Area	Work Required
705777	52F10B226	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705778	52F10B227	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705779	52F10B228	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705780	52F10B229	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705781	52F10B244	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705782	52F10B245	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705783	52F10B246	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705784	52F10B247	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705785	52F10B248	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705786	52F10B249	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705787	52F10B264	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705788	52F10B265	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705789	52F10B266	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705790	52F10B267	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705791	52F10B268	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705792	52F10B269	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705793	52F10B270	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705794	52F10B271	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705795	52F10B284	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705796	52F10B285	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705797	52F10B286	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705798	52F10B287	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705799	52F10B288	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705800	52F10B289	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705801	52F10B290	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705802	52F10B291	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705803	52F10B292	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705804	52F10B293	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705805	52F10B308	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705806	52F10B309	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705807	52F10B310	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705808	52F10B329	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705809	52F10B330	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705810	52F10B350	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705811	52F10B351	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705812	52F10B370	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705813	52F10B371	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705814	52F10B372	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705815	52F10B355	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705816	52F10B356	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705817	52F10B314	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400
705819	52F10B352	SCMC	2024-02-09	(100) CANADIAN ARROW MINES LIMITED	TURTLEPOND LAKE AREA	\$ 400

## **GEOLOGICAL SETTING**

The Atikwa-Lawrence plutonic-volcanic terrain is south of the town of Dryden. It forms a circular complex about 70 km in diameter. The arrangement of lithologies is roughly concentric with an outer sequence of folded mafic to felsic volcanic rocks intruded by gabbroic and tonalitic plutons which form a discontinuous, arcuate rim around the central batholith. These are intruded by massive and foliated tronhjemite and granodiorite phases which form the core of the batholith. The early phases of the Atikwa-Lawrence batholith are coeval with a number of layered mafic intrusions around the margins of the Atikwa batholith.

The Emmons property is centred on one of these mafic intrusives, forming a north-south trending intrusion, along the eastern edge of the eastern lobe of the Atikwa Batholith. It is one of several Archean mafic-ultramafic intrusive complexes situated around the margins of the batholith. Of these mafic complexes, only the Mulcahy Gabbro, located 40 km to the west, has been radiometrically dated, yielding a 2733 Ma age. Volcanic rocks from the Populus Lake Volcanics, which are in contact with the Mulcahy Gabbro, yielded an age of 2732 Ma. Granitoid rocks of the Atikwa Batholith have yielded dates of 2731 to 2732 Ma, although at least one interior, more felsic granitoid of the Batholith yielded a date of 2718 Ma.

Such ages point to consanguinity of the mafic intrusives, as represented by the Mulcahy Gabbro, and the development of the mafic volcanic sequences of the region. They also point to the temporal relationship of the batholith to these activities but suggest that development of the batholith continued beyond the earlier mafic intrusive activity with the emplacement and cooling of the interior felsic portions of the batholith.

## Aplitic dikes and sills

Porphyry dykes and sills are found, varying from a few centimeters to 15 or 30 meters in width. The siliceous porphyry is an intrusive rock. According to the old diamond drill holes, several diorite porphyry and aplitic sills and dikes were intersected on the east portion of the grid and intruded the mafic to the ultramafic rocks.

#### Gabbro

The gabbro is generally medium to coarse grained, although medium-grained phases with blue quartz eyes are locally developed throughout most of the property. The blue quartz eyes in the gabbroic rock are evidence of an intrusive origin. The unit is medium to dark green in color.

#### **Pyroxenite**

Pyroxenite dikes and plugs containing a number of mineralized showings are the principal target host lithology. Pyroxenite underlies several small areas on the property, especially in the area of the nickel-copper Showing. The two most prominent pyroxenite bodies are located in the western and southern parts of the grid in the vicinity of claim K1247471 and along the Snow Flake Road north of the Emmons Lake Showing. The pyroxenite is commonly very dark green with occasional brown rust staining. It is coarse grained, massive and equigranular. Magnetite is often associated with this rock. All the ultramafic intrusive rocks have been metamorphosed, resulting in the partial replacement of clinopyroxene to talc and magnetite. The pyroxenite is interpreted to be the host rock of the mineralized zone and all the exposures are located on the west or inside of the ore zone.

#### **Mafic Volcanics**

The volcanic rocks occupy the eastern and western part of the grid area, with contacts trending north-northeast. The mafic volcanics are medium to dark green color. The rocks are fine-grained and non-magnetic. The volcanic rocks are locally highly carbonatized and silicified.

(Source; MNDM assessment files and Canadian Arrow Mines Limited news release dated June 1, 2010, SEDAR)



FIGURE 5. REGIONAL GEOLOGY MAP

<u>LEGEND</u>					
MASSIVE GRANODIORITE - GRANITE					
DIORITE - MONZODIORITE - GRANODIORITE SUITE					
MUSCOVITE-BEARING GRANITIC ROCKS					
MAFIC - ULTRAMFIC					
META-SEDIMENTARY ROCKS					
MAFIC - INTERMEDIATE VOLCANIC ROCKS					
FELSIC - INTERMEDIATE METAVOLCANICS					

#### PREVIOUS EXPLORATION WORK

Previous exploration efforts identified nickel-copper sulphide mineralization in twelve trenches along a 700 metre trend at the Glatz nickel copper showing. The zone, discovered in 1965 by local prospector A. Glatz, is up to 40 metres wide and is open along strike and at depth. Historical grab samples were reported to contain up to 1.95% Ni. In 2007, Canadian Arrow Mines Limited. conducted a surface grab sampling program which produced the following results: 1.28% Ni, 0.26% Cu re Glatz Trench 3; 0.99% Ni, 0.18% Cu re Glatz Trench 3; 0.39% Ni, 4.06% Cu re Trench 4. The mineralization varies from disseminated sulphides to narrow semi-massive sulphide bands. Six short drill holes were completed at that time with hole GZ-09- 02 encountering 0.34% Ni, 0.16% Cu and 0.02% Co over 5.9 m from 45.0-50.9 m.

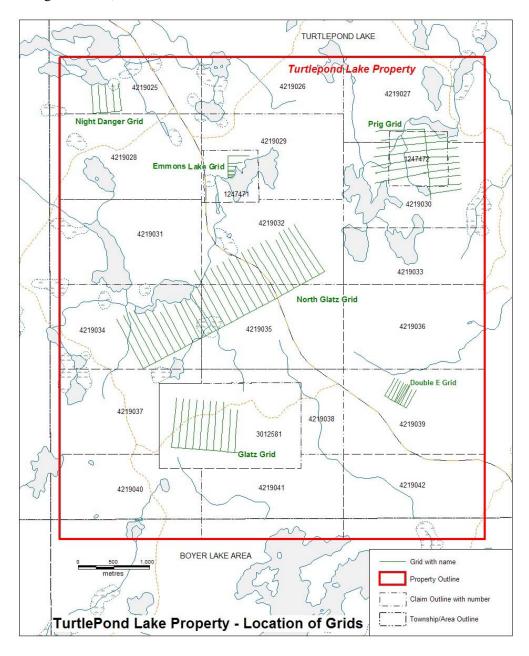


Figure 6. Historic Work

A nickel-copper-PGE discovery on the Double E airborne VTEM anomaly was identified in 2008. The drilling intersected two, separate upper and lower mineralized zones in 2 drill holes. Hole EE-09-02 intersected 4.2 metres of 0.81% Ni, 0.52% Cu, 0.20gpt Pt, 0.16gpt P and 0.20gpt Au at a depth of 25.5 metres. This included 2 metres of 1.35% Ni, 0.81% Cu, 0.36gpt Pt, 0.27gpt Pd and 0.31gpt Au. A second zone was intersected at a depth of 135.1 metres containing 8.2m of 0.55% Ni and 0.38% Cu. Hole EE-10-04 intersected 1.9 metres of 0.51% Ni, 0.24% Cu at a depth of 21.4 metres and a second narrow intersection of 1.9 metres of 0.52% Ni, 0.28% Cu at a depth of 28 metres.

Exploration diamond drilling work completed in 2009 and 2010 on the Night Danger nickel-copper showing reported a nine-metre-wide section of stringers and blebs of sulphide which assayed 0.57% Ni and 0.45% Cu at a drill depth of 79m in hole ND-09-1. Two sections within this interval assayed greater than 1% nickel. Drill hole ND-10-1 intersected 4.53% Ni over 0.7m at a drill depth of 57.5m

These targets or areas were tested by drilling in 2009- 2010 by Canadian Arrow Mines Limited. The North Glatz area had one geophysical target that intersected barren iron sulphide inter-flow bands and veins within mafic pillowed volcanic flows, after which, no further work was recommended. The following tables show the significant results yielded by the 2009-2010 exploration program:

Table 2: Emmons Lake Drillholes - Significant Assay Results

Hole	From (m)	To (m)	Length	Ni%	Cu%	Co%	Pt gpt	Pd gpt	Au gpt	Ag gpt
EM-09-02	0.7	1.5	0.8	0.13	0.33	0.00	0.09	0.04	0.10	2.0
EM-09-04	8.4	10.5	2.1	0.21	0.62	0.01	0.23	0.12	0.27	4.4
EM-09-07	0.5	12	11.5	0.44	0.47	0.01	0.10	0.06	0.09	2.0
Includes	0.5	4.8	4.3	0.74	0.56	0.02	0.14	0.09	0.11	2.0

Table 3: Double E Drillholes - Significant Assay Results

Hole	From (m)	To (m)	Length	Ni%	Cu%	Co%	Pt gpt	Pd gpt	Au gpt	Ag gpt
EE-09-01	65.0	69.8	4.8	0.24	0.22	0.01	0.06	0.04	0.05	0.6
EE-09-02	25.5	29.7	4.2	0.81	0.52	0.02	0.20	0.16	0.20	1.7
Includes	25.5	27.5	2	1.35	0.81	0.04	0.36	0.27	0.31	2.5
EE-09-02	135.1	143.3	8.2	0.55	0.38	0.02	0.13	0.12	0.05	0.9
EE-10-04	21.4	23.4	1.9	0.51	0.24	0.02	0.11	0.07	0.03	0.5
EE-10-04	28.0	29.9	1.9	0.52	0.28	0.03	0.14	0.09	0.05	1.5

Table 4: Night Danger Drillholes - Significant Assay Results

Hole	From (m)	To (m)	Length	Ni%	Cu%	Co%
ND-09-1	63.45	71.85	8.4	0.27	0.22	0.01
Includes	66.75	68.8	2.05	0.60	0.42	0.02
ND-09-1	79.0	88.05	9.05	0.57	0.44	0.02
Includes	79.0	79.8	0.8	1.04	0.13	0.04
Includes	85.3	86.25	0.95	1.31	1.99	0.04
ND-10-3	56.0	60.0	4.0	1.02	0.38	0.03
Includes			0.7	4.53	0.08	0.01
ND-10-3	86.4	88.0	1.6	0.22	0.10	0.01

**Table 5: Glatz Drillholes - Significant Assay Results** 

Hole	From (m)	To (m)	Length	Ni%	Cu%	Co%
GZ-09-2	45.0	50.9	5.9	0.34	0.16	0.02

## 2022 PROSPECTING

On August 31<sup>st</sup>, Tartisan Nickel Corp. mobilized to the Turtle Pond Area to Prospect and investigate further work that can be performed and to verify access to areas of interest based on previous work done on The Property. The time allotted for this, was over the span of 3 days. The areas of The Property that were accessed for these purposes is shown in Figure 8 in the form of GPS tracks that were made on September 1, 2022. A total of 5.83 km were traversed on the Turtlepond Lake area. The tracks shown were traversed to areas of interest for the purpose of prospecting for sulphide minerals and mapping outcrops.

The following Claim Blocks within the Turtlepond Lake area that were traversed for a total of approximately 5.83km are as follows:

**Table 6. Claims and Work Performed** 

CLAIM NUMBER	PROVINCIAL CELL ID	TOWNSHIP	WAYPOINTS	TRAVERSED (m)
567118	52F10B142	Turtlepond Lake Area	3	400
567121	52F10B143	Turtlepond Lake Area	1	460
705697	52F10B163	Turtlepond Lake Area	-	470
705701	52F10B307	Turtlepond Lake Area	1	100
705768	52F10B164	Turtlepond Lake Area	-	200
705783	52F10B246	Turtlepond Lake Area	-	700
705789	52F10B266	Turtlepond Lake Area	-	500
705790	52F10B267	Turtlepond Lake Area	1	1800
705797	52F10B286	Turtlepond Lake Area	-	100
705798	52F10B287	Turtlepond Lake Area	1	1100

The Prospecting activities included attempting to locate at surface sulphide mineralization for the purpose of channel sampling, mapping outcrops, identifying historical drill collars, flagging and blazing trails to points of interest and determining future work to be performed at these sites. The following map, Figure 7 shows the GPS tracks for the Prospecting activities along with Drill hole locations that were of interest. The following map, Figure 8, shows the GPS tracks for the Prospecting activities on the respective claim blocks. Figure 11 is a claim map that shows the Claim numbers in respect to the Claim blocks that are illustrated in Figure 8.

The Prospecting activities that were carried out for the purpose of finding mineralization in outcrops yielded no significant results as no samples were taken since the observed outcrops contained no significant sulphides. Continued prospecting and mapping activities will be required.

The mapping and Prospecting activities that are illustrated in the following maps were performed on Sept. 1, 2022. The Prospecting Activity Log for the daily activities is as follows (Table 7). Figure 7 is a map showing all of the GPS tracks made while exploring the Turtlepond Lake area. Figure 8 shows the respective claim blocks in reference to the GPS tracks.

Figure 9 is a map showing the tracks and waypoints taken from the Glatz Area with the respective Claims. The waypoints that are shown were outcrops that were mapped and observed for sulphide mineralization. Figure 10 is a map of the Night Danger Area with the waypoints and tracks and the respective Claim blocks. The waypoints shown are of outcrops that were noted and observed for sulphide mineralization, as well as WP3 which is a historic drill collar that we observed to be unobstructed.

	Table 7. Prospecting Activity Log							
WAYPOINT ID	DATE	CELL GRID ID	CLAIM NUMBER	GPS WAYPOINTS	NATURE OF WORK	DESCRIPTION		
WP1	Sept. 1, 2022	52F10B142	567118	15U 518907E 5488914N	Prospecting	Outcrop		
WP2	Sept. 1, 2022	52F10B142	567118	15U 518920E 5488917N	Prospecting	Outcrop		
WP3	Sept. 1, 2022	52F10B142	567118	15U 518879E 5489017N	Prospecting	Drill Hole Casing, ND-10-03		
WP4	Sept. 1, 2022	52F10B143	567121	15U 518990E 5488928N	Prospecting	Outcrop		
WP5	Sept. 1, 2022	52F10B307	705701	15U 521065E 5485362N	Prospecting	Outcrop		
WP6	Sept. 1, 2022	52F10B287	705798	15U 521036E 5485687N	Prospecting	Outcrop		
WP7	Sept. 1, 2022	52F10B267	705790	15U 521051E 5485984N	Prospecting	Outcrop		

			OBSERVATIONS	3		
WAYPOINT ID	LITHOLOGY	MINERALIZATION	OVERBURDEN	VEGETATION	NOTES	WORK PERFORMED BY
	Gabbro, Med-				No Significant	Greg Edwards, Geologist/
WP1	Coarse Grained	No Visible Sulphides	Swamp	Evergreen Trees	Mineralization	Luc Gagnon, Prospector
	Gabbro, Med-				No Significant	Greg Edwards, Geologist/Luc Gagnon,
WP2	Coarse Grained	No Visible Sulphides	Swamp	Evergreen Trees	Mineralization	Prospector
				Evergreen	Drill Casing with No	Greg Edwards, Geologist/Luc Gagnon,
WP3	N/A	N/A	Gravelly Soil	Trees, Grass	Obstructions	Prospector
				Grasses and	No Significant	Greg Edwards, Geologist/Luc Gagnon,
WP4	Diorite/Granodiorite	Muscovite/Biotite	Sand and gravel`	Evergreens	Mineralization	Prospector
	Mafic/Ultramafic			Grasses and	No Significant	Greg Edwards, Geologist/Luc Gagnon,
WP5	Volcanic	No Visible Sulphides	Sand and Gravel	Evergreens	Mineralization	Prospector
	Mafic/Ultramafic			Grasses and	No Significant	Greg Edwards, Geologist/Luc Gagnon,
WP6	Volcanic	No Visible Sulphides	Sand and Gravel	Evergreens	Mineralization	Prospector
	Mafic/Ultramafic			Grasses and	No Significant	Greg Edwards, Geologist/Luc Gagnon,
WP7	Volcanic	No Visible Sulphides	Sand and Gravel	Evergreens	Mineralization	Prospector

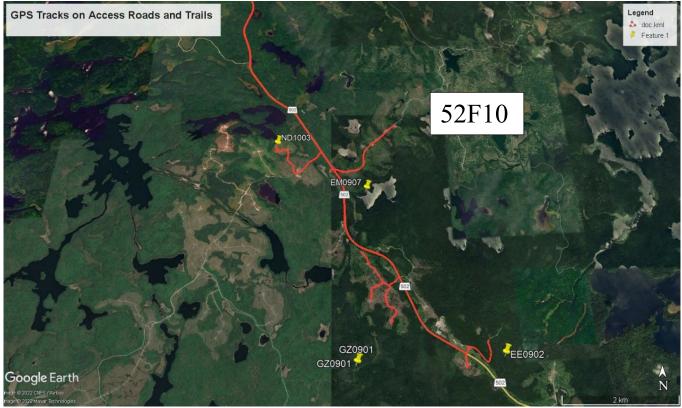


Figure 7. GPS Tracks (In Red)

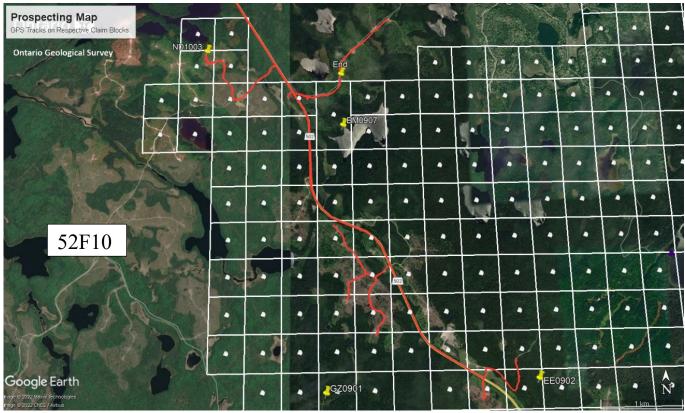


Figure 8. GPS Tracks and Turtle Pond Claim Blocks

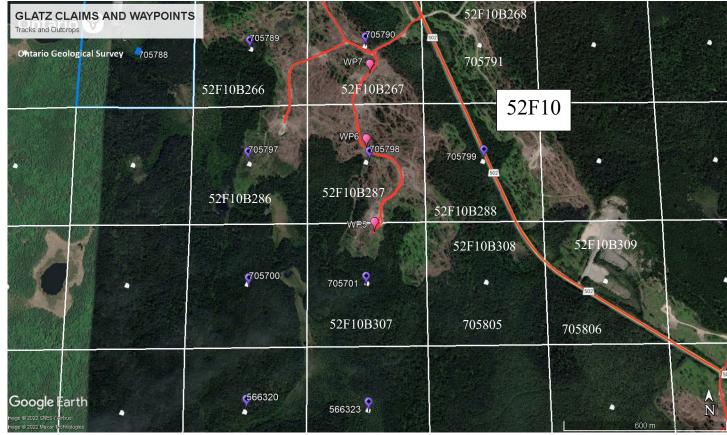


Figure 9. Glatz Claims and Waypoints

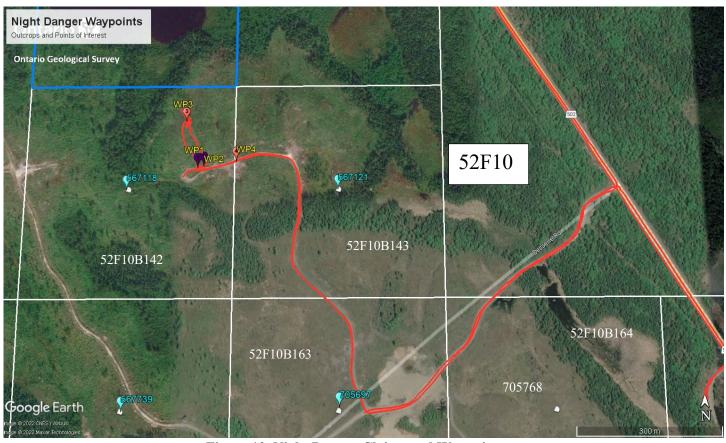


Figure 10. Night Danger Claims and Waypoints

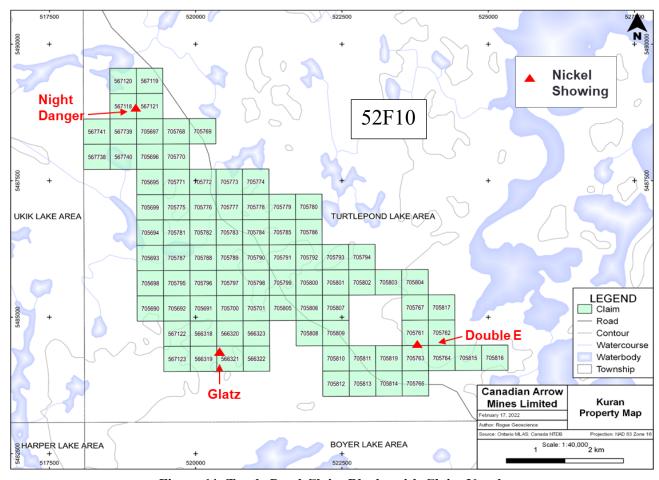


Figure 11. Turtle Pond Claim Blocks with Claim Numbers

Previous work at the Turtlepond Lake area recommended a Borehole EM surveys. For this purpose, the locating of casing collars was undertaken to assess the viability of this survey. Figure 7 shows the diamond drill holes that were of interest, which had significant assay values and of which were are candidates for the downhole survey.

A photo of the casing at the Night Danger area for Drill Hole ND-10-03 is shown in Figure 12. This location was accessible by foot or ATV, equipment could be mobilized to this drillhole and we have determined that the hole is unobstructed (Figure 13). This hole was of particular interest due to the significant historic assays that it yielded, 1.02% Ni, 0.38% Cu over 4m.



Figure 12. Night Danger Drill Collar Location ND-10-03



Figure 13. Night Danger Collar ND-10-03

## CONCLUSIONS AND RECCOMENDATIONS

The historic assay results obtained by Canadian Arrow Mines are key to the further exploration and mineral potential of the Turtlepond Lake area. The proximity of the findings and the potential from the assay results for the copper-nickel-platinum-group showings on the property, still yields further potential to host platinum group metals. Additional exploration and assessment work is warranted.

Recommended exploration work at Turtlepond Lake includes:

- 1. Borehole EM geophysical surveys to determine new targets in blind zones of mineralization that may occur at depth or along plunge at Night Danger and Double E.
- 2. Further prospecting and detailed surface mapping of the local geology.
- 3. Stripping and surface sampling program at Prigg and Big Prigg.
- 4. Lidar survey of the area for mapping and GIS.
- 5. Exploration program consisting of Time Domain Electromagnetic surveys (TDEM).
- 6. Additional drilling and geotechnical work is encouraged to follow up on mineralized zones along plunge.

## STATEMENT OF QUALIFICATIONS

Greg Edwards, B.Sc., Geo. Eng., has worked in the Mining and Minerals industry for 15 years conducting Exploration work and working as a Geologist in the USA and Canada. He is a graduate of the Montana Tech School of Mines and received his degree in Geological Engineering with a Minor in Mining Engineering. He has worked on projects in Manitoba, notably the MacLellan Advanced Exploration Project in Lynn Lake, MB, which is now going into production through the efforts of Alamos Gold. Currently, Greg Edwards is the Project Manager for Tartisan Nickel Corp. and has conducted the 2021 Exploration Program at the Kenbridge Nickel Project.

## **REFERENCES**

Blackburn, C.E. 1981. Geology of the Boyer lake-Meggisi Lake Area, OGS Report 202.

Blackburn, C.E. 1979. Ontario Geological Survey Map 2443, Kenora-Fort-Frances Geological Compilation Series.

Blackburn, C.E. Hinz, P, Storey C.C, Koloski. L, Ravanas C. 1999. Report of Activities 1998, Resident Geologist Program Ontario Geological Survey Open File report 5987, 88p.

Barton, B. 1992. Geochemical, prospecting, overburden stripping, bedrock trenching (pages 19-20), Assessment file 52F16SE0014.

Burr, S.V., 1960. McPhar Surveys Assessment file 52F18SE0048

Jackson, S.L., Fyon J.A. 1981. The Western Abitibi Subprovince in Ontario; in Geology of Ontario, Ontario Geological Survey, Special Volume 4 Part 1.

Kidd, R. 1966. Victoria Algoma Mineral Co Ltd. Geological, electromagnetic very low frequency, Assessment file 52F10SE0047

Lantz. L. 1962. Diamond Drilling Report Newcomex, No 10, Assessment file 52F10SE0055

Lantz L., 1971. Diamond Drilling, Report NQ 13, Claim NQ K 273199, Assessment file 52F10SE0053.

Lynx-Canada Exploration Ltd., 1970. Electromagnetic, compilation and interpretation, geological, magnetometer. Assessment file 52F10SE041.

McIntyre Porcupine Mines Limited, 1962. Report NQ 15, March 1962, Assessment file 52F10SE0051

Mc Tavish, A. Flemming, A., 1987. St-Joe Canada Inc, Magnetometer Report, Assessment files 52F10SE0026, 52F10SE0027.

Moorhouse, W.W. 1939. Geology of Eagle Lake Area, OGS, Annual Report Vol KLVIII.

Panago, D.A. Eldor, 1988. PROJECT 607, Emmons Lake Property, 1987 Exploration Program, March 1988, Turtlepond Lake 010, Assessment File 52F18SE8328 2 .10943

Satterly,J. 1941. Geology of the Dryden-Wabiggon Area; Ontario Department od Mines, 50<sup>th</sup> Annual Report, Vol. L, Part II.

MNDM assessment files and Canadian Arrow Mines Limited news release dated June 1, 2010, SEDAR

## **DAILY LOG**

Date	Description
Aug. 31, 2022	Travel to Dryden, ON from Nestor Falls, ON
Sept. 1, 2022	Prospecting on Claims 567118, 567121, 705790, 705798 by Greg Edwards, John Sapay, Luc Gagnon
Sept. 2, 2022	Demob/Leave Site

4									Details (Receipt entries)	Expenditure				
COMMENTS	Invoice Reference	Rounded	otal Cost (No Tax)	Units	Unit Price	Billing Unit	Invoice Date DD-MM-YYYY	Invoice Reference #	Invoicee	ed End Date	Work Perform Start Date (DD-MM-YYYY)	Secondary Cost Category Associated Cost Type	Cost Category  Work Subtype	Primary Co Primary Exploration Activity
1	1	350	350.00	1.00	350.00	Day			John Sapav	September 2, 2022	August 31, 2022	,,,,,	Grass Roots Prospecting	Prospecting
1	1	700	700.00	2.00	350.00	Day				September 2, 2022	August 31, 2022	Contractor Mob/Demob	Grass_Roots_Prospecting	Prospecting
	2	350	350.00	1.00	350.00	Day			Luc Gagon	September 2, 2022	August 31, 2022		Grass Roots Prospecting	Prospecting
	2	700	700.00	2.00	350.00	Day				September 2, 2022	August 31, 2022	Contractor Mob/Demob	Grass Roots Prospecting	Prospecting
	4	3,000	3,000.00	3.00	1,000.00	Day	December 8, 2022	#2022-012	13150305 Canada Inc	September 2, 2022	August 31, 2022	Report/Map	Grass Roots Prospecting	Prospecting
1	3	1,000	1,000.00	1.00	1,000.00	Day	October 24, 2022		13150305 Canada Inc	September 2, 2022	August 31, 2022		Grass_Roots_Prospecting	Prospecting
1	3	2,000	2,000.00	2.00	1,000.00	Day	October 24, 2022		13150305 Canada Inc	September 2, 2022	August 31, 2022	Contractor Mob/Demob	Grass_Roots_Prospecting	Prospecting
1	5	468	468.00	2.00	234.00				Comfort Inn			Lodging	Grass_Roots_Prospecting	Prospecting
	6	468	468.00	2.00	234.00				Comfort Inn			Lodging	Grass_Roots_Prospecting	Prospecting
FUEL	7	58	58.41	1.00	58.41				Red River Coop			Supplies	Grass_Roots_Prospecting	Prospecting
FUEL	8	95	95.49	1.00	95.49				Petro Canada			Supplies	Grass_Roots_Prospecting	Prospecting
FUEL	8	123	123.34	1.00	123.34				Esso			Supplies	Grass_Roots_Prospecting	Prospecting
FUEL	8	54	54.06	1.00	54.06				Esso			Supplies	Grass_Roots_Prospecting	Prospecting
FUEL (HST remo	9	159	159.29	1.00	159.29				Hellians Resort Limited			Supplies	Grass_Roots_Prospecting	Prospecting
	Per Diem \$50/day	450	450.00	9.00	50.00							Food	Grass_Roots_Prospecting	Prospecting
	10	600	600.00	8.00	75.00	Hours			Penny Woodard, Geomatics			Report/Map	Grass_Roots_Prospecting	Prospecting
Report was sent to review and comr	11	1,800	1,800.00	3.00	600.00				Dean MacEacher			Report/Map	Grass_Roots_Prospecting	Prospecting
1	2	296	296.40	494.00	0.60	km			Luc Gagon	September 2, 2022	August 31, 2022	Personal Transportation	Grass_Roots_Prospecting	Prospecting
	1	296	296.40	494.00	0.60	km			John Sapay	September 2, 2022	August 31, 2022	Personal Transportation	Grass_Roots_Prospecting	Prospecting
	3	377	376.80	628.00	0.60	km			13150305 Canada Inc	September 2, 2022	August 31, 2022	Personal Transportation	Grass_Roots_Prospecting	Prospecting

Prospecting	1,70
Mob/Demob	3,400
Report & Maps	5,400
Lodging	936
Supplies	489
Food	450
Personal Transportation	969
	\$13,344