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Exploration Report
On the Thundercloud Property
2018 - 2021 Work Programs

Dryden Area
Ontario, Canada
NTS 52F07 & 52F08
92° 31' 24" W 49° 23' 31" N



Prepared for:

Dynasty Gold Corp.

Prepared by:

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March 25, 2022

Revised – March 10, 2023

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Appendix II – Costs (Revised – Added expenditure and costs reconciliation)

Appendix III – Work Logs (Revised – Added for 2018 and 2021 activities)

Appendix IV – Trenching Summary (Revised – Added area/volume
stripped/trenched information and map)

Appendix V – Additional Trenching Photos (Revised – Added photos)

1 Introduction

1.1 Purpose

This has been produced to meet the requirements for filing Assessment Work under the Ontario Mining Act. This report covers the prospecting, surface sampling and trenching work conducted on the property between May 14, to November 1, 2018 and from July 5, to September 25, 2021. The report includes assay results from prospecting, surface sampling and trench sampling performed during the above periods.

1.2 Overview

This report summarizes the exploration work completed on the property by Dynasty between May 14 to November 1, 2018 and from July 5 to September 25, 2021. The exploration work conducted in 2018 was before receiving an exploration permit and it was mainly focused on prospecting, mapping and surface sampling. The exploration work conducted in 2021 was after receiving an exploration permit whereby the Company was permitted to mobilize machinery and equipment onto the Property for trenching and possible later drilling. The exploration program was designed to test the extension of the mineralized zone in the West Contact area where Teck Resource Limited's ("Teck") trenching program in 2017 returned high grade gold values, and to better understand mineralization in the area to assist in generating targets to drill test the mineralized West Contact zone.

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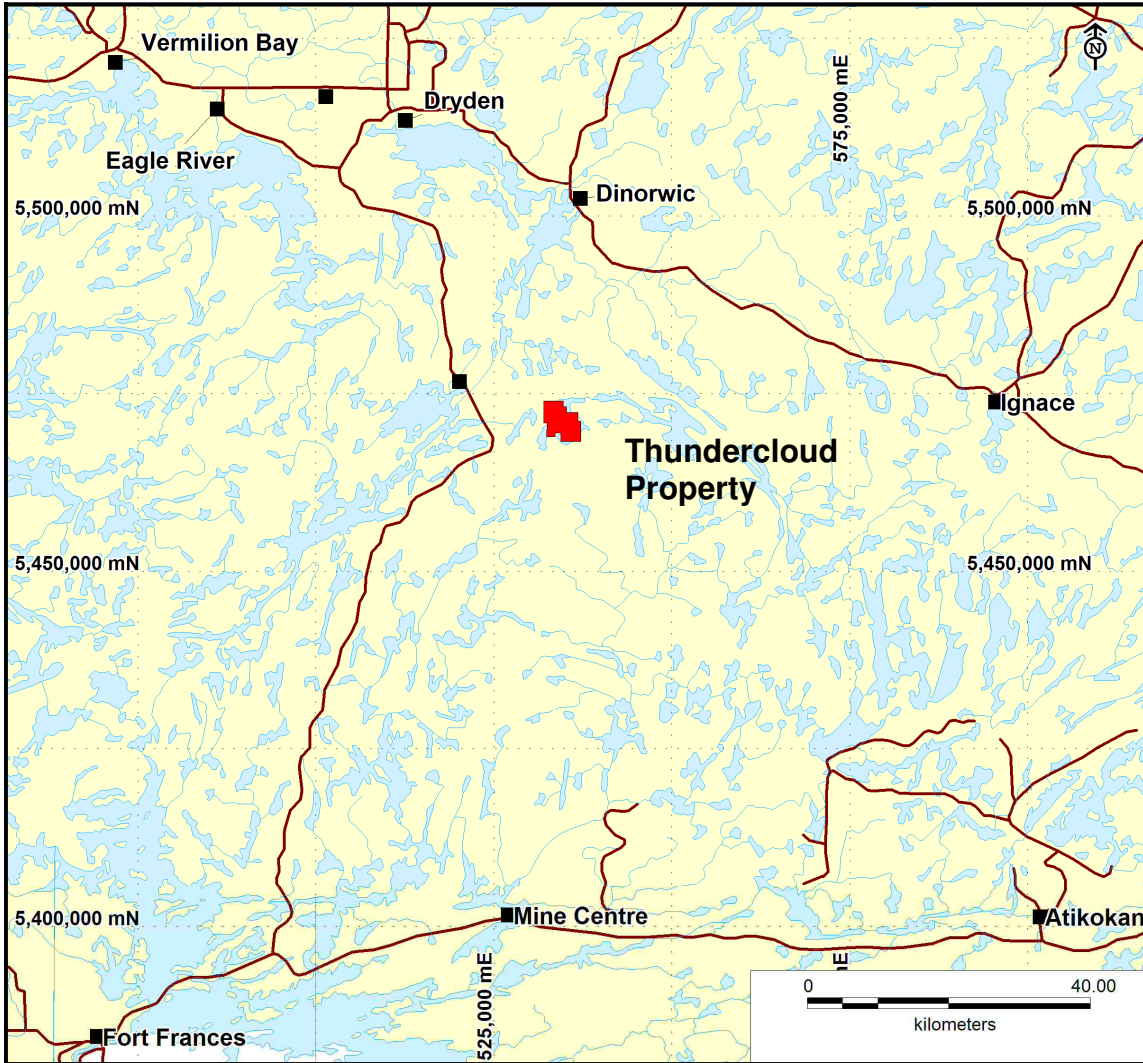


Figure 1. Property Location

The property is located approximately 47km southeast of Dryden in northwestern Ontario (**Figure 1**). The property is approximately 5.6km north - south by 5.2km east – west and 2,247ha in area (**Figure 2**). It lies within the Neoproterozoic Eagle-Wabigoon-Manitou Lakes Greenstone Belt of the western Wabigoon Subprovince of the Superior Province (Blackburn et al, 1991).

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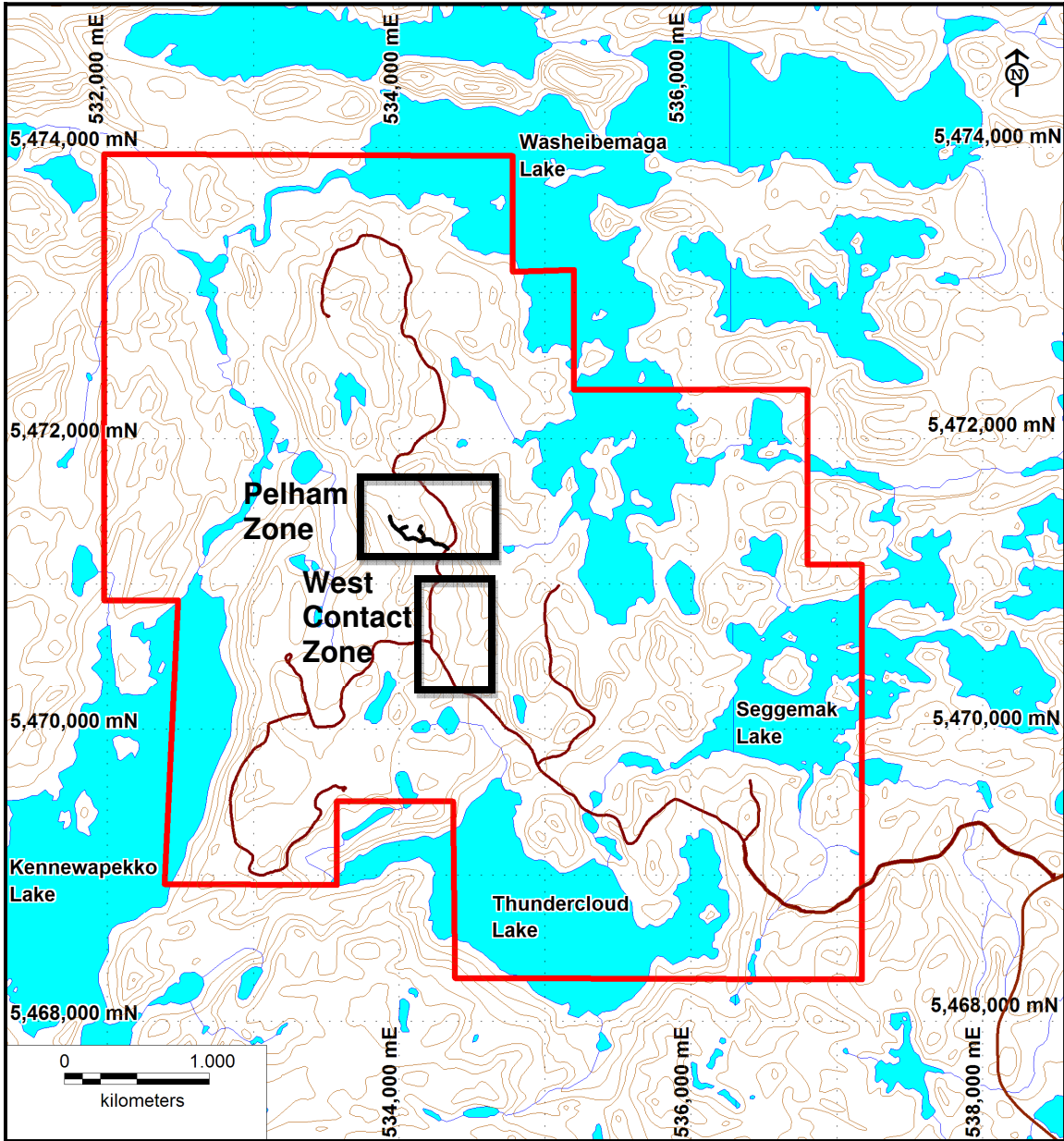
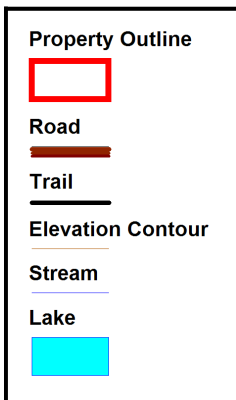


Figure 2. Property Map



2 Definitions & Terms of Reference

This report is designed to document exploration expenditures, analytical results and progress.

Unless otherwise stated, all coordinates presented in the report and on associated maps are given in Universal Transverse Mercator (UTM), North American Datum 1983 (NAD 83), Zone 15. Coordinates displayed refer to “meters east” & “meters north”. All dollar amounts are stated in Canadian funds (CDN\$).

3 Reliance on Other Experts

Claims ownership information for the property (**Table 1**) has been sourced from the Mining Lands Administration System (“MLAS”) of the Ministry of Northern Development, Mines, Natural Resources and Forestry (“ENDM”) in Ontario. Historical exploration information has been sourced from previous public and internal reports prepared by previous operators. The main sources are listed in the References and text.

4 Property Location & Description

4.1 Property Location

The property is located 47km SE of Dryden, ON with an approximate geographic centre of 534 600mE 5 471 100mN (**Figure 1**). The property is covered by NTS 1:50,000 map sheets 52F07 and 52F08, and lies in the Kenora Mining District.

The property is approximately 5.6km north - south by 5.2km east – west and 2,247ha in area. Parts of the property are covered by Washeibemaga, Seggemak, Thundercloud & Kennewapekko Lakes (**Figure 2**).

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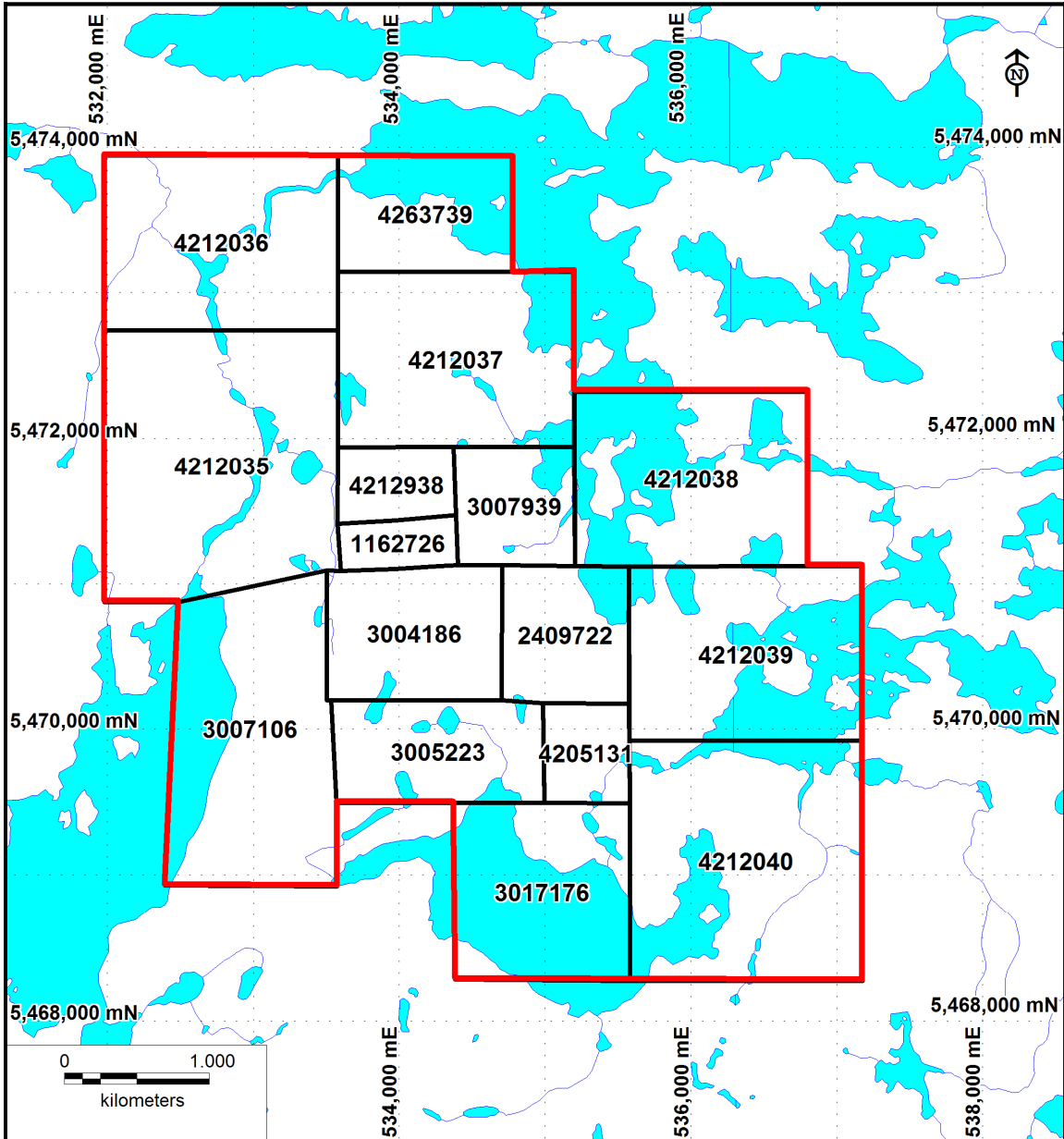


Figure 3. Property Claims

4.2 Property Disposition

The property comprises 16 continuous legacy mining claims (**Figure 3, Table 1**) that are currently represented by 135 unpatented claim cells as recorded on MLAS. All claims, except for legacy claim 1162726 (MLAS claim cell tenure ID – 168519, 124006 and 124005) are 100% owned by Dynasty. Legacy claim 1162726 is owned 70% by Dynasty and 30% by an independent prospector.

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Table 1. Thundercloud Property Claims

Legacy Claim ID	Township / Area	Tenure Cell ID	Anniversary Date	Tenure %
1162726	BOYER LAKE AREA	168519	2025-02-06	70
1162726	BOYER LAKE AREA	124006	2025-02-06	70
1162726	BOYER LAKE AREA	124005	2025-02-06	70
2409722	BOYER LAKE AREA	296108	2025-03-15	100
2409722	BOYER LAKE AREA	240958	2025-03-15	100
2409722	BOYER LAKE AREA	228116	2025-03-15	100
2409722	BOYER LAKE AREA	146278	2025-03-15	100
2409722	BOYER LAKE AREA	140305	2025-03-15	100
3004186	BOYER LAKE AREA	319004	2025-02-17	100
3004186	BOYER LAKE AREA	244967	2025-02-17	100
3004186	BOYER LAKE AREA	185688	2025-02-17	100
3005223	BOYER LAKE AREA	340453	2025-11-17	100
3005223	BOYER LAKE AREA	186264	2025-11-17	100
3005223	BOYER LAKE AREA	133629	2025-11-17	100
3007106	BOYER/MEGGISI LAKE	342271	2025-04-19	100
3007106	BOYER LAKE AREA	342270	2025-04-19	100
3007106	BOYER LAKE AREA	342269	2025-04-19	100
3007106	BOYER/MEGGISI LAKE	320206	2025-04-19	100
3007106	BOYER LAKE AREA	291394	2025-04-19	100
3007106	BOYER LAKE AREA	291393	2025-04-19	100
3007106	BOYER/MEGGISI LAKE	254801	2025-04-19	100
3007106	BOYER LAKE AREA	254800	2025-04-19	100
3007106	BOYER LAKE AREA	254799	2025-04-19	100
3007106	BOYER LAKE AREA	236171	2025-04-19	100
3007106	BOYER LAKE AREA	216724	2025-04-19	100
3007106	BOYER LAKE AREA	200227	2025-04-19	100
3007106	BOYER LAKE AREA	187507	2025-04-19	100
3007106	BOYER LAKE AREA	187506	2025-04-19	100
3007106	BOYER LAKE AREA	141578	2025-04-19	100
3007939	BOYER LAKE AREA	268291	2025-06-05	100
3007939	BOYER LAKE AREA	260831	2025-06-05	100
3007939	BOYER LAKE AREA	194162	2025-06-05	100
3007939	BOYER LAKE AREA	116525	2025-06-05	100
3017176	MEGGISI LAKE AREA	332014	2025-08-26	100
3017176	BOYER/MEGGISI LAKE	330315	2025-08-26	100
3017176	BOYER LAKE AREA	289585	2025-08-26	100
3017176	BOYER LAKE AREA	282525	2025-08-26	100
3017176	MEGGISI LAKE AREA	270427	2025-08-26	100
3017176	BOYER LAKE AREA	253600	2025-08-26	100
3017176	MEGGISI LAKE AREA	231370	2025-08-26	100

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Legacy Claim ID	Township / Area	Tenure Cell ID	Anniversary Date	Tenure %
3017176	BOYER/MEGGISI LAKE	212655	2025-08-26	100
3017176	MEGGISI LAKE AREA	165339	2025-08-26	100
3017176	MEGGISI LAKE AREA	165338	2025-08-26	100
3017176	BOYER/MEGGISI LAKE	165337	2025-08-26	100
3017176	BOYER/MEGGISI LAKE	165336	2025-08-26	100
3017176	MEGGISI LAKE AREA	161718	2025-08-26	100
3017176	BOYER LAKE AREA	147602	2025-08-26	100
3017176	MEGGISI LAKE AREA	145961	2025-08-26	100
3017176	MEGGISI LAKE AREA	140506	2025-08-26	100
4205131	BOYER LAKE AREA	296109	2025-03-15	100
4212035	BOYER LAKE AREA	321297	2025-03-28	100
4212035	BOYER LAKE AREA	301801	2025-03-28	100
4212035	BOYER LAKE AREA	271939	2025-03-28	100
4212035	BOYER LAKE AREA	271938	2025-03-28	100
4212035	BOYER LAKE AREA	245129	2025-03-28	100
4212035	BOYER LAKE AREA	205920	2025-03-28	100
4212035	BOYER LAKE AREA	205188	2025-03-28	100
4212035	BOYER LAKE AREA	187085	2025-03-28	100
4212035	BOYER LAKE AREA	167980	2025-03-28	100
4212035	BOYER LAKE AREA	167979	2025-03-28	100
4212035	BOYER LAKE AREA	167978	2025-03-28	100
4212035	BOYER LAKE AREA	153316	2025-03-28	100
4212035	BOYER LAKE AREA	153315	2025-03-28	100
4212035	BOYER LAKE AREA	149831	2025-03-28	100
4212036	BOYER LAKE AREA	333025	2025-03-28	100
4212036	BOYER LAKE AREA	310482	2025-03-28	100
4212036	BOYER LAKE AREA	303741	2025-03-28	100
4212036	BOYER LAKE AREA	266604	2025-03-28	100
4212036	BOYER LAKE AREA	253165	2025-03-28	100
4212036	BOYER LAKE AREA	236469	2025-03-28	100
4212036	BOYER LAKE AREA	207369	2025-03-28	100
4212036	BOYER LAKE AREA	205919	2025-03-28	100
4212036	BOYER LAKE AREA	187859	2025-03-28	100
4212036	BOYER LAKE AREA	169898	2025-03-28	100
4212036	BOYER LAKE AREA	169897	2025-03-28	100
4212036	BOYER LAKE AREA	169896	2025-03-28	100
4212036	BOYER LAKE AREA	167977	2025-03-28	100
4212036	BOYER LAKE AREA	112936	2025-03-28	100
4212037	BOYER LAKE AREA	341371	2025-03-28	100
4212037	BOYER LAKE AREA	329533	2025-03-28	100

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Legacy Claim ID	Township / Area	Tenure Cell ID	Anniversary Date	Tenure %
4212037	BOYER LAKE AREA	329532	2025-03-28	100
4212037	BOYER LAKE AREA	282938	2025-03-28	100
4212037	BOYER LAKE AREA	262880	2025-03-28	100
4212037	BOYER LAKE AREA	215648	2025-03-28	100
4212037	BOYER LAKE AREA	196224	2025-03-28	100
4212037	BOYER LAKE AREA	160967	2025-03-28	100
4212038	BOYER/KAWASHEGAMUK	297650	2025-03-28	100
4212038	KAWASHEGAMUK LAKE	280342	2025-03-28	100
4212038	BOYER LAKE AREA	280341	2025-03-28	100
4212038	KAWASHEGAMUK LAKE	268290	2025-03-28	100
4212038	KAWASHEGAMUK LAKE	260790	2025-03-28	100
4212038	BOYER LAKE AREA	231624	2025-03-28	100
4212038	BOYER/KAWASHEGAMUK	194161	2025-03-28	100
4212038	KAWASHEGAMUK LAKE AREA	177752	2025-03-28	100
4212038	BOYER LAKE AREA	158923	2025-03-28	100
4212039	BOYER/KAWASHEGAMUK	330581	2025-03-28	100
4212039	KAWASHEGAMUK LAKE AREA	330580	2025-03-28	100
4212039	BOYER LAKE AREA	290597	2025-03-28	100
4212039	KAWASHEGAMUK LAKE AREA	290596	2025-03-28	100
4212039	BOYER LAKE AREA	240957	2025-03-28	100
4212039	BOYER/KAWASHEGAMUK	216529	2025-03-28	100
4212039	BOYER LAKE AREA	194163	2025-03-28	100
4212039	BOYER LAKE AREA	192823	2025-03-28	100
4212039	KAWASHEGAMUK LAKE AREA	167753	2025-03-28	100
4212039	KAWASHEGAMUK LAKE AREA	164912	2025-03-28	100
4212039	KAWASHEGAMUK LAKE AREA	148519	2025-03-28	100
4212039	BOYER/KAWASHEGAMUK	132432	2025-03-28	100
4212039	KAWASHEGAMUK LAKE AREA	132419	2025-03-28	100
4212039	BOYER/KAWASHEGAMUK	129640	2025-03-28	100
4212039	KAWASHEGAMUK LAKE AREA	116485	2025-03-28	100
4212039	KAWASHEGAMUK LAKE AREA	111921	2025-03-28	100
4212040	KAWASHEGAMUK LAKE AREA	342179	2025-03-28	100
4212040	BOYER/KAWASHEGAMUK/MEGGISI/ WAPAGEISI LAKE AREA	270426	2025-03-28	100
4212040	KAWASHEGAMUK/WAPAGEISI LAKE	236608	2025-03-28	100
4212040	WAPAGEISI LAKE AREA	235085	2025-03-28	100
4212040	MEGGISI/WAPAGEISI LAKE AREA	216531	2025-03-28	100
4212040	WAPAGEISI LAKE AREA	216530	2025-03-28	100
4212040	KAWASHEGAMUK/WAPAGEISI LAKE	187249	2025-03-28	100
4212040	WAPAGEISI LAKE AREA	181187	2025-03-28	100
4212040	BOYER/KAWASHEGAMUK	167754	2025-03-28	100
4212040	MEGGISI/WAPAGEISI LAKE AREA	161717	2025-03-28	100
4212040	WAPAGEISI LAKE AREA	123244	2025-03-28	100

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Legacy Claim ID	Township / Area	Tenure Cell ID	Anniversary Date	Tenure %
4212040	KAWASHEGAMUK LAKE AREA	123243	2025-03-28	100
4212938	BOYER LAKE AREA	260830	2025-08-22	100
4212938	BOYER LAKE AREA	204261	2025-08-22	100
4212938	BOYER LAKE AREA	196225	2025-08-22	100
4212938	BOYER LAKE AREA	159454	2025-08-22	100
4263739	BOYER LAKE AREA	288835	2025-08-23	100
4263739	BOYER LAKE AREA	276737	2025-08-23	100
4263739	BOYER LAKE AREA	276736	2025-08-23	100
4263739	BOYER LAKE AREA	258233	2025-08-23	100
4263739	BOYER LAKE AREA	258232	2025-08-23	100
4263739	BOYER LAKE AREA	258231	2025-08-23	100
4263739	BOYER LAKE AREA	202159	2025-08-23	100
4263739	BOYER LAKE AREA	162851	2025-08-23	100

5 Accessibility, Climate, Local Resources, Infrastructure & Physiography

5.1 Accessibility

The property is best accessed from the major cities of Winnipeg, MB or Thunder Bay, ON. Both cities have international airports and are approximately 400km driving distance from the property. From these centers the property can be accessed by driving the Trans-Canada Highway (Ontario Highway 17) to the town of Dryden, ON. From Dryden, two routes access the west & east sides of the property, respectively (**Figure 4**)

The west side of the property is accessed by driving approximately 5km west from Dryden on Ontario Highway 594, then driving approximately 53km south on Ontario Highway 502 to the Rattlesnake Lake Forest Road turnoff. The Rattlesnake Lake Road runs about 11km before being cut by a ditch where a culvert was removed. This was replaced allowing access for the 2021 work programs. Up to this point the road is in excellent condition and passable by a 4WD truck. The ditches and roads continuing further onto the property are passable by ATV.

The east side of the property is accessed by driving approximately 45km west of Dryden on the Trans Canada Highway and turning south onto Snake Bay Forest Road. After 32.5km on the Snake Bay Road, Thundercloud Lake Forest Road heads west onto the property and runs the length of the property. Snake Bay and

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Thundercloud Lake Roads are passable by 4WD truck. At KM 2 on the Thundercloud Lake Road, there is a culvert that often washes out, requiring road maintenance. This was repaired to allow access for the work reported herein.

No logging was taking place near the property during the 2018 and 2021 field program at Thundercloud, but the forest roads are sometimes used for log hauling by Domtar. Radio control is in place on forest roads when log hauling is ongoing.

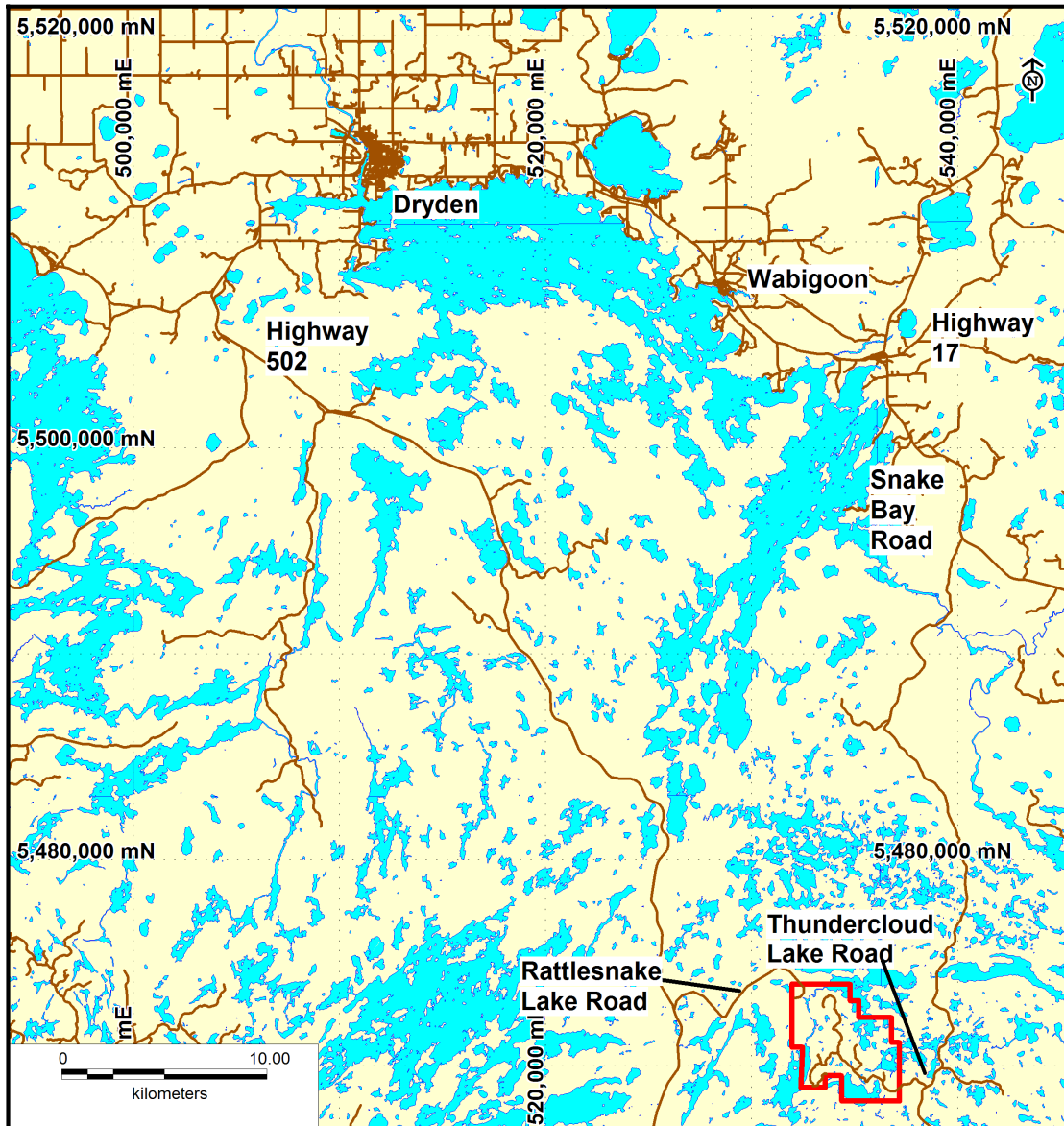


Figure 4. Property Access Map

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Thundercloud Lake Road branches near the centre of the property (**Figure 5**). Both branches are passable by 4WD truck. There are numerous ATV-passable trails throughout the property.

At approximately 533 000mE (Figure 5) a north - south series of streams, ponds and beaver swamps divides the property into western and eastern parts. There is no route for vehicles or ATVs to cross this wet area in summer.

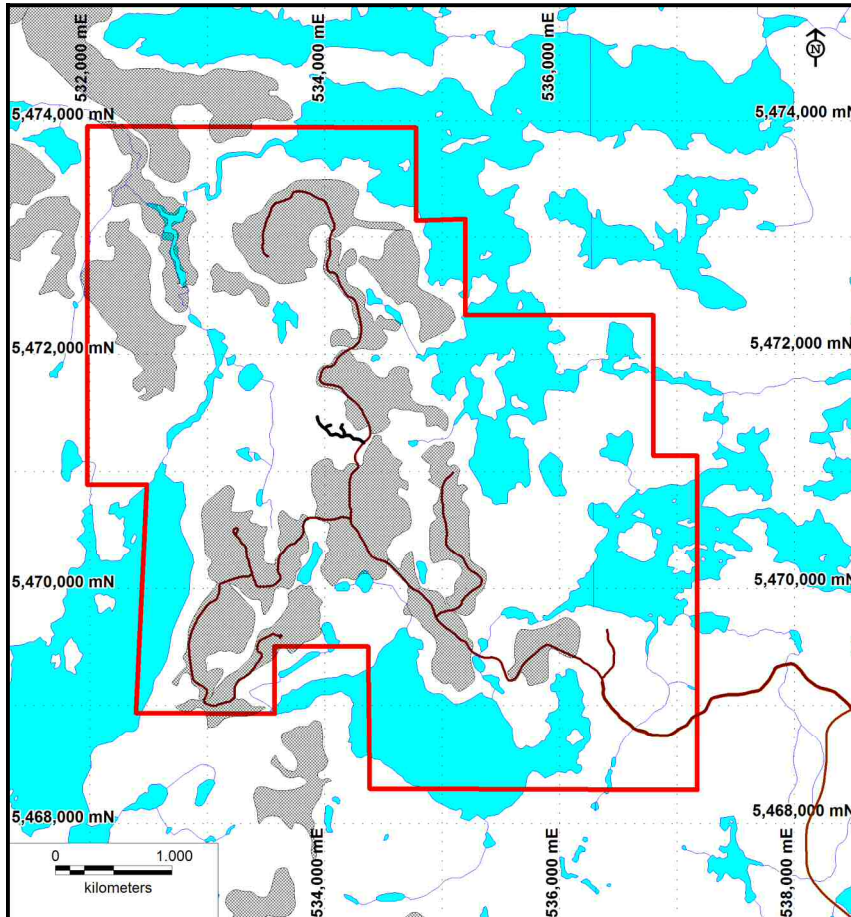


Figure 5. Map of Clearcut Areas and Access Trails

6 Exploration History

6.1 Government & Academia

The first mapping in the project area was by JE Thomson in 1933 for the then Ontario Department of Mines (**Table 2**). No further mapping was done in the area until CE Blackburn of the OGS mapped the area between the Manitou & Stormy Lakes over the years 1972-1980. Blackburn's mapping forms the basis

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of the Ontario Government digital geology database for the area and later interpretations of the area in a regional synthesis (Trowell et al, 1980) & the Geology of Ontario Volume (Blackburn et al, 1991).

Table 2. Previous Government & Academic Work

Year	Author	Map/Report	Notes
1934	Thomson	Ontario Dept. of Mines Map 42c	1:63,360
1978	McMaster	MSc, McMaster U.	1:15,840
1979	Teal	PhD, McMaster U.	No detailed map
1981	Blackburn	OGS Report 202	
1981	Blackburn	OGS Map 2437	1:31,680
1981	Blackburn	OGS Map 2438	1:31,680
1982	Blackburn	OGS Report 223	
1982	Blackburn	OGS Map 2476	1:50,000
1984	Kresz	MSC, Brock U.	
1984	Kresz	OGS Map P2569	1:15,840
1984	Kresz	OGS Map P2570	1:15,840
1998	Mueller & Corcoran	Sedimentary Geology 120 : 177-203	No detailed map
2006	Felix	OGS Open File Report 6194	
2010	Stone	OGS Open File Report 6260	
2011	Beakhouse et al	OGS MDR 280	Digital compilation

6.2 Industry Historical Work

Early work on the property is undocumented by assessment reports. The only information available is in Blackburn (1981) and is repeated in the OGS Mineral Deposit Inventory (MDI52F07NW00013). The first recorded exploration work occurred on the property (**Table 3**) in 1937 when SS Forneri, following up on sulfides noted by Thomson (1934) staked the property and optioned it to MJ O'Brien Ltd. O'Brien carried out unknown amounts of trenching & drilling but abandoned the property in 1941.

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Table 3. Previous Exploration Work on Property

Year	Owner	Work Performed	Reference
1937-1941	MJ O'Brien Ltd	Trenching, Drilling	Blackburn, 1981
1941	Unknown	Unknown	Blackburn, 1981
1948-1949	Pelham Gold Mines Ltd.	Unknown	Blackburn, 1981
1963	New Calumet Mines	Unknown	Blackburn, 1981
1973-1974	Osisko Mines Ltd.	Sampling, EM & mag surveys	Wahl, 1974
1980-1981	Sulpetro Minerals Ltd.	Aerial Mag & EM Ground Mag & EM	Rayner & Wright, 1981
1984	Esso Resources Canada Ltd.	Aerial Mag	Wilson, 1984
1985	Gold Washe Ltd.	Mapping, Ground Mag & VLF	Arengi, 1985
1985	Teck Exploration Ltd	Mapping	Evans, 2008
1986	Esso Resources Canada Ltd.	Diamond Drilling	Esso, 1987 & 1988
1985-1988	Noranda Exploration Ltd.	Mapping, Trenching, Ground Mag, IP, Diamond Drilling	Carriere, 1986 Eveleigh, 1990 Noranda, 1986-1990
1996	Black Pearl Minerals Inc.	Mapping, Ground Mag, VLF, IP	Lourim, 1996 Mihelcic, 1996
1999-2002	Goldeye Explorations Ltd.	Mapping, ground Mag	Fisher, 1999a&b Fisher & Beecham, 2001 Mihelcic, 2002
2003-2006	Glatz & Riives	Prospecting, Trenching	Glatz, 2006
2007	Teck-Cominco	Mapping, Trenching, Ground Mag, IP, Diamond Drilling	Evans, 2008
2008	Teck Resources Limited	Mapping, Trenching, Ground Mag, IP, Diamond Drilling	Shannon, 2009
2011	Laurentian Goldfields Ltd.	Diamond Drilling, Mapping, Rock Sampling, MMI Soil Sampling, Lake Sediment Sampling	Newton, 2011

6.2.1 Recent Exploration

In 2007 and 2008, Teck-Cominco, later Teck Resources Limited (“Teck”), conducted an extensive exploration program on the property. Teck mapped the central area of the property, conducted ground magnetometer and IP surveys, dug 14 trenches and drilled 15 DDHs. Work by Teck confirmed mineralization extending south of the Pelham zone along the west edge of the QFP: the “West Contact” zone (Evans, 2008 & Shannon, 2009). Teck optioned the property to Laurentian Goldfields Limited (“LGF”) in 2010 (section 4.2). LGF collared 18 diamond drill holes (“DDH”) and completed 16 for a total of 4,799m drilled. Drilling focused on the Pelham zone. Geological mapping and prospecting, rock sampling, mobile metal ion (MMI) soil sampling and lake sediment sampling were also carried (Newton, 2011).

7 Geological Setting

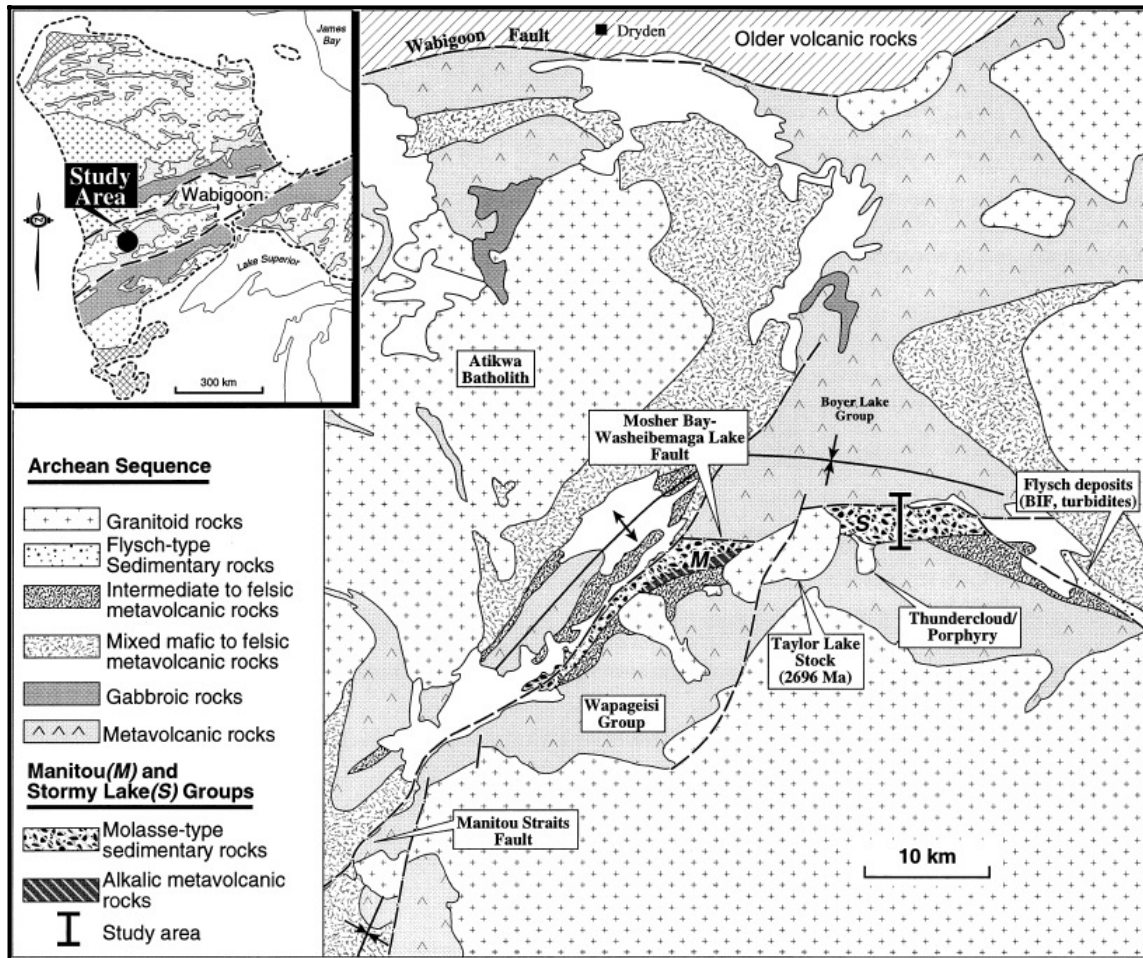


Figure 6. Thundercloud Area Geology (Mueller & Corcoran, 1998)

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Table 4. Volcanic & Sedimentary Stratigraphy

Unit	U-Pb Age (Ma)	Rock Types & Descriptions	Reference
Boyer Lake Group	2722±5	Pillowed Fe-rich tholeiitic basalts with synvolcanic gabbroic sills	Blackburn, 1982 Trowell et al, 1980
Stormy Group	2703±3	Felsic volcanics & volcanoclastics & synvolcanic intrusions. Minor mafic volcanics. Clastic sediments with a wide range of provenance fining into iron formation to east.	Blackburn, 1991 Mueller & Corcoran, 1998 Stone, 2010
Wapagesi Lake Group	2732±4	Massive to pillowed aphanitic to plag-phyric tholeiitic basalts. Minor gabbros. Mg-rich at base, decreasing slightly in Mg content higher in group	Blackburn, 1982 Trowell et al, 1980

Table 5. Intrusions

Intrusion	U-Pb Age (Ma)	Rock Types & Descriptions	Reference
Taylor Lake Stock	2696±2	Hornblende monzonite, quartz monzonite, monzodiorite & granodiorite	Blackburn, 1981
Thundercloud Porphyry	2703±3	Quartz-plagioclase phyric fine grained subvolcanic felsic intrusion	Blackburn, 1981 Mueller & Corcoran, 1998

Volcanic Rocks and coarse to fine clastic sedimentary rocks with several mafic and felsic intrusive units dominating the property geology. Sedimentary rocks fine eastward and are interbedded with iron formation at the east end of the Group (**Figure 6**). Sedimentary rocks range widely in provenance including material from synvolcanic intrusions and nearby batholiths. The Group rests unconformably on top of the Wapagesi Lake Group Stratigraphy is highly variable along strike of the unit, which is thought to represent an orogenic basin deposited

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on top of the Wapagesi and Boyer Lake Groups during a period of uplift. A felsic tuff in the lower Stormy Group was dated at 2703 ± 3 Ma (**Table 4**).

The Boyer Lake Group comprises a sequence of pillowed tholeiitic basalts, more Fe-rich than the Wapagesi Lake Group volcanics, intruded by a number of synvolcanic gabbroic sills. The group sits in faulted contact with the structurally underlying Stormy Group, separated by the Mosher Bay Fault (**Figure 6**).

Two felsic intrusions intrude the volcano-sedimentary sequence near the property: the Thundercloud Porphyry and the Taylor Lake Stock (**Figure 6, Table 5**).

The Thundercloud Porphyry (“QFP”) intrudes mafic volcanics of the Wapagesi Group and felsic volcanics and volcanoclastics of the Stormy Group. Numerous dykes extend from the intrusion into the country rock. It contains $\leq 10\%$ rounded Quartz crystals ≤ 1 cm in size and $\leq 5\%$ plagioclase crystals ≤ 5 mm in size in a light grey groundmass. The felsic volcanics intruded by the QFP are often quite similar in appearance and chemistry to the intrusion. Clastic sediments interbedded with the felsic volcanics proximal to the intrusion contain clasts of the QFP, suggesting that it is a synvolcanic intrusion rising into its own overlying volcanic pile

The Taylor Lake Stock intrudes both the Wapagesi Lake and Stormy Groups. It consists of hornblende±biotite monzonite, quartz monzonite and granodiorite with other minor phases.

Major faults bound the Stormy Group to the west and north. The Boyer Lake Group is interpreted to contain a major syncline (**Figure 6**). South of the Boyer Lake Group syncline, rocks appear to be a north-younging homocline. This is consistent with a general trend for greenstone belts in the WWR to young inwards, away from large belt-bounding batholiths. Many lesser faults trend northeast, similar to the MSF.

All volcano-sedimentary rocks in the area are metamorphosed to greenschist facies, with an increase in metamorphic grade approaching the large belt-bounding batholiths (Stone, 2010).

7.1 Property Geology

The description of the geology of the property is based on the diamond drilling and geological mapping conducted during in 2011 by Laurentian Goldfields and

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by earlier operators. Where there is no information due to lack of outcrop or an area not being traversed, previous descriptions, locations of contacts, etc. from Teck or the OGS are used.

7.1.1 Stratigraphy

The property is divided into seven main geological units (**Table 6; Figure 7 and Figure 8**)

Table 6. Property geological units

Unit	Lithologies	Notes
Taylor Lake Stock	Quartz Monzonite, Gabbro,	Youngest unit on property Not cut by any porphyry dykes
Thundercloud Porphyry	Quartz-Feldspar Porphyry	Main intrusion & dykes cut all other units except Taylor Lake Stock
Felsic Volcanics	Felsic ash to quartz crystal tuffs Aphanitic to quartz-feldspar phyric felsic flows	Very similar to Thundercloud Porphyry
Sedimentary Rocks	Monomictic to polymictic conglomerates, fine-grained metasediments	Locally-derived, highly variable clasts
Gabbro	Fine to coarse-grained gabbro	Gabbro sills at Pelham zone Leucogabbro/ tonalite locally to east of Thundercloud Porphyry
Stormy Mafic Volcanics	Massive & pillowed basalts, mafic volcaniclastics	Interbedded with sedimentary rocks
Wapagesi Lake Group Mafic Volcanics	Massive & pillowed aphanitic & plagioclase-phyric basalts	Oldest unit on property Contact with overlying sediments unconformable

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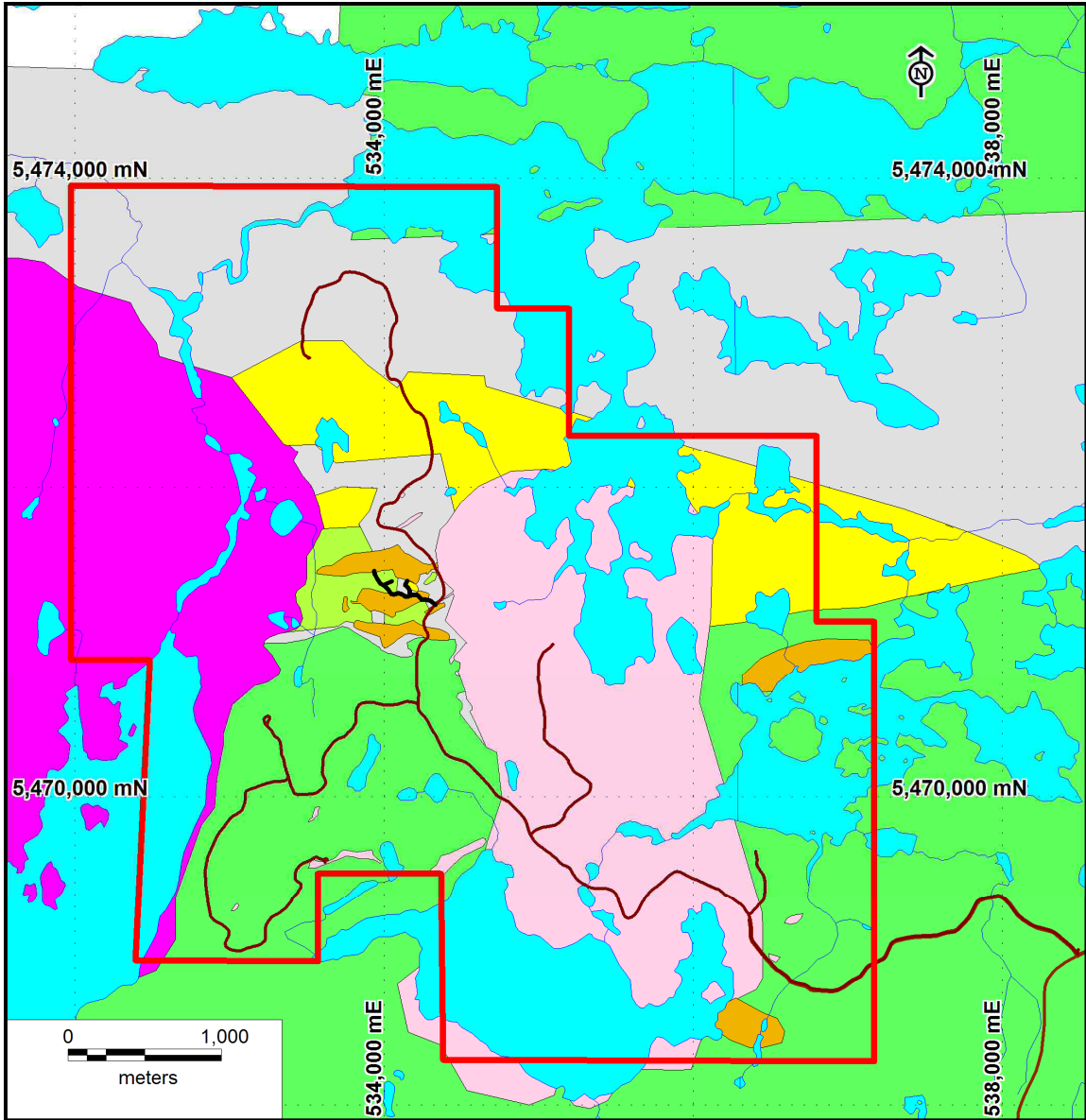


Figure 7. Property Geology

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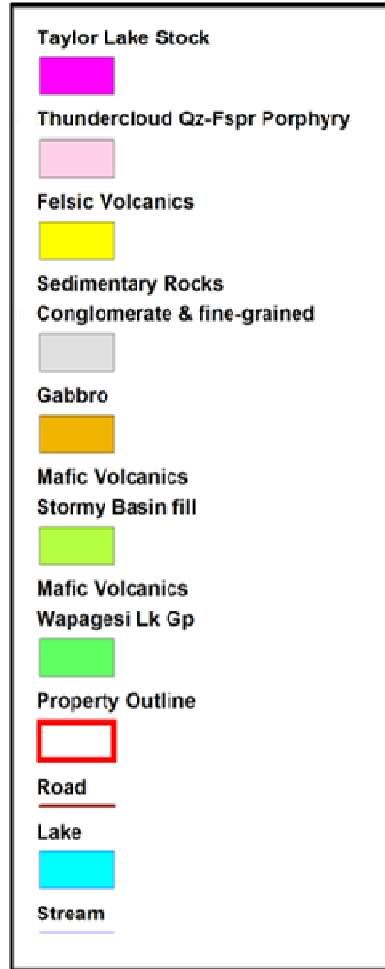


Figure 8. Geological Unit Legend

7.1.1.1 Wapagesi Lake Group Mafic Volcanics

The Wapagesi Lake Group (“WLG”) Mafic Volcanics consist of massive to pillowed aphanitic to plagioclase-phyric basalts. Locally basalts or gabbros coarsen to a fine-grained texture, but not regularly enough to be a map-able unit. Contacts with the overlying Stormy Group Volcanics and Sedimentary rocks filling the Stormy Basin are not well exposed.

7.1.1.2 Stormy Group Mafic Volcanics

The Stormy Group (“SG”) Mafic Volcanics consist of massive to pillowed basalts with minor tuff beds. SG basalts are generally aphanitic but are rarely plagioclase phyric with $\leq 5\%$ fine grained rectangular plagioclase phenocrysts. SG basalts are black to dark green on fresh surfaces and weather to medium to dark green. Volcanic facies in the SG rocks change rapidly both laterally and

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vertically through stratigraphy and contacts between SG mafic volcanics & the adjacent sedimentary rocks are irregular and complicated.

7.1.1.3 Gabbro

Bodies of coarser-grained mafic rock occur at the Pelham zone, north of Seggemak Lake and in the WLG south of Thundercloud Lake.

The “Pelham Gabbro” appears to comprise three east-west trending bodies, possibly sills, separated by SG volcanics and sediments. The gabbro ranges from very fine to medium-grained and in hand sample appears to consist of blocky pyroxene, finer-grained plagioclase, $\leq 10\%$ disseminated magnetite, $\leq 2\%$ disseminated pyrrhotite and trace disseminated pyrite. Magnetite content is quite variable, with some sections of the gabbro containing 5-10% magnetite throughout and other sections containing only trace amounts.

Due to the fine-grained nature of parts of the Pelham Gabbro, the contacts between the Gabbro and adjacent mafic volcanics or dark fine-grained sediments are often difficult to locate. Well constrained contacts are seen in Teck's Trenches 11 and 12.

The “Seggemak Gabbro” was observed in outcrops on the north shore of Seggemak Lake and immediately north of the shore. The true extent of the gabbro is unknown. The gabbro is more leucocratic than at Pelham, containing up to 30% plagioclase and 30% quartz. The main mafic phase is hornblende. Disseminated magnetite or sulfides are rare.

7.1.1.4 Sedimentary Rocks

Sedimentary rocks of the Stormy Group (“SG”) on the property range from fine-grained sediments to cobble or small boulder conglomerates. However, most sedimentary rocks are fine-grained or conglomeratic, with few siltstones or sandstones seen. Where visible, composition of sedimentary rocks varies from east to west, with sediments closer to the Thundercloud quartz-feldspar porphyry containing clasts of that lithology and rocks further west containing more clasts of mafic volcanic or fine grained gabbroic rocks.

Fine-grained sediments are light to dark grey on both weathered and fresh surfaces. Bedding and other sedimentary features are almost never visible.

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Conglomerates are generally composed of well-rounded clasts. Clast composition ranges from solely Thundercloud quartz feldspar porphyry adjacent to the intrusion to almost completely fine grained mafic clasts further to the west. Conglomerates vary from clast supported with only minor matrix to matrix supported with few clasts. Generally, the amount of matrix increases to the west, away from the Thundercloud porphyry.

As with the SG volcanic rocks, facies changes between sedimentary rocks occur rapidly laterally and up & down stratigraphy.

7.1.1.5 Felsic Volcanics

The Stormy Group felsic volcanic unit north of the Pelham Zone consists mainly of aphanitic massive flows and minor bedded ash to lapilli tuffs. The felsic volcanics & volcanoclastics are light to dark grey on fresh surfaces, weathering to light grey to white. Felsic volcanics are highly siliceous or are pervasively silicified across the property.

The contact between felsic volcanics & adjacent sedimentary and mafic volcanic rocks was not observed in outcrop. A contact between the Thundercloud Quartz-Feldspar Porphyry & the felsic volcanics was not observed.

7.1.1.6 Thundercloud Quartz-Feldspar Porphyry

The Thundercloud quartz-feldspar porphyry ("QFP") intrusion extends from the east side of Thundercloud Lake, between Thundercloud and Seggemak Lakes to just north of the Pelham Zone. The porphyry contains $\leq 10\%$ rounded quartz crystals $\leq 2\text{cm}$ across and $\leq 5\%$ elongated plagioclase crystals $\leq 1\text{cm}$ across. Towards the margins of the intrusion the amount and size of phenocrysts decreases.

7.1.1.7 Taylor Lake Stock

The Taylor Lake Stock consists of medium to coarse-grained, pink weathering to light pink or grey, equigranular to slightly K-spar phyric Quartz Monzonite. Typical modal mineralogy is 30% Plagioclase, 10% Quartz, 35% K-Feldspar and 25% Hornblende. Sometimes there is minor biotite, often weathered to chlorite.

The Taylor Lake Stock intrudes WLG mafic volcanics at the northern east shore of Kennewapekko Lake. The contact of the stock with younger SG volcanics and sedimentary rocks is not exposed on the property as it lies in the low, swampy area. The contact on Fig. 10 is interpreted from OGS aeromagnetic data. No

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QFP dykes were seen intruding the Taylor Lake Stock, suggesting that the stock is younger than the QFP intrusion.

7.1.2 Structure

Structural features observed in outcrop and drill core on the property are almost completely brittle in character: the only strong foliation observed was in drill core near the bottom of DDH TC11-007. Other structural features observed in outcrop include discrete narrow shear zones with Chl±Qz±Py & late brittle jointing. Faulting & fracturing observed in drill core was mainly brittle, with fractured core and gouge confined to discrete zones bounded by competent rock.

Shearing and jointing observed on the outcrop were mainly in two sets, striking roughly 320° and 020°, both steeply dipping.

Fracturing and faulting in core was more variably-oriented with the two sets observed on surface present as well as south to southwest-striking, west to

northwest moderately to steeply-dipping orientation not seen on surface and a less common west-striking, moderately north-dipping orientation.

In DDH TC11-007, a strong foliation defined by parallel bands of Chl-rich alteration was seen striking southwest and dipping steeply northwest. Local minor foliations, often defined by parallel alignment of bands of sulfides were observed with all the orientations of fracturing and faulting described above.

8 2018 Exploration

8.1 Program Activity Overview

The 2018 exploration program started on May 14 through May 16 inclusive and June 2 and 3 involving rock sampling. A property-wide prospecting and mapping effort was conducted from October 29 to November 1, 2018 inclusive. The program was under the supervision of Northern Mineral Exploration Services based in Thunder Bay. . The access to the Property was hindered by a washout on the Thundercloud Lake logging road which leads to the Property. It was passable by ATV and has been repaired for the 2021 work program.

8.2 Outcrop Sampling and Prospecting Program

Teck's trenches 07-2 and 08-8 dug in 2007 and 2008 in the West Contact area were visited and sampled. Five samples were taken along the trenches with the sample from the Glatz outcrop being a chip sample from end to end. The Glatz

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outcrop is located at the eastern end of trench 07-2. Sample locations are shown in **Figure 9** and gold assay results are listed in **Table 7**. The assays returned 3.03 g/t gold over 30 meters.

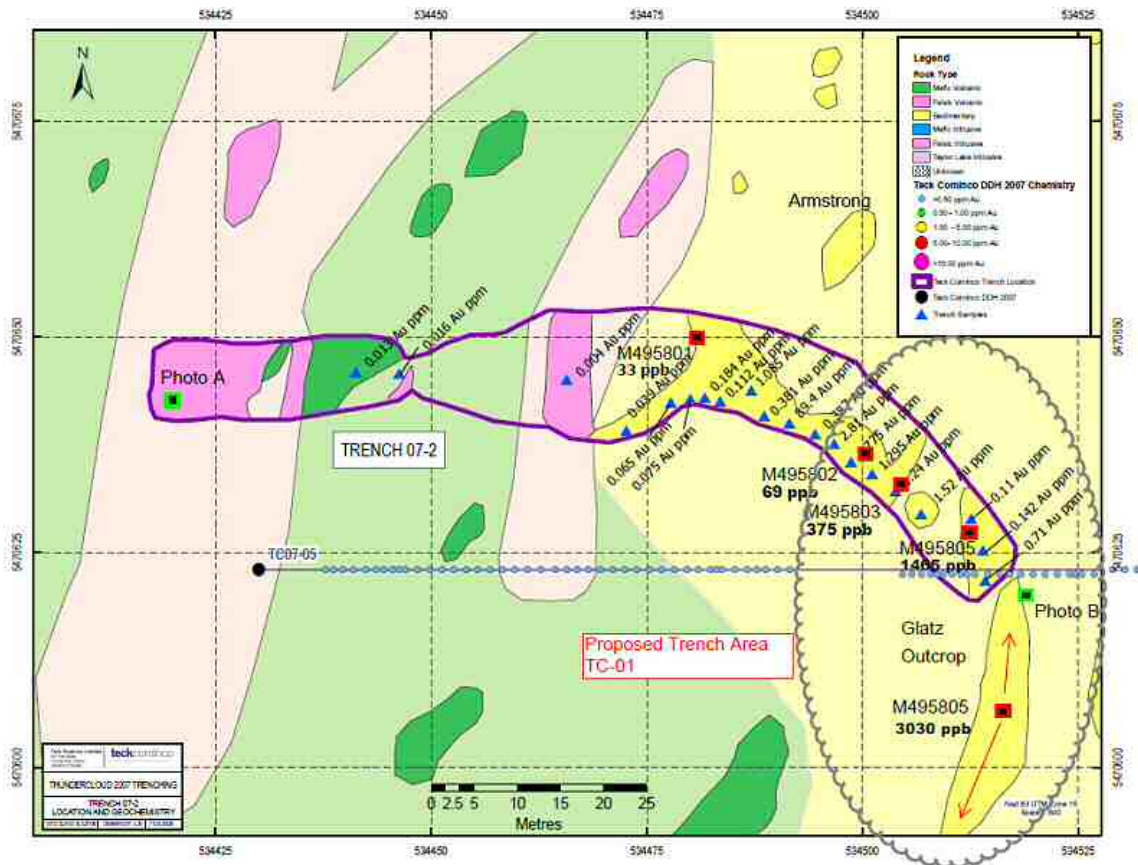


Figure 9. May 2018 sample locations

Sample No	Type	UTME nad83	UTMN nad83	Au_ppb	Ag_ppb
M495801	Grab	534,482	5,470,650	33	350
M495802	Grab	534,497	5,470,643	69	1670
M495803	Grab	534,504	5,470,637	375	3040
M495804	Grab	534,509	5,470,624	1465	2410
M495805	30 m Chip	534,516	5,470,610	3030	4040

Table 7. 2018 rock sample location and gold assay result

The drill-hole collars from where Teck drilled two holes in the area were not located.

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On June 2, 2018, Northern Mineral Exploration Services returned to the Property to examine Teck's past drill core in order to assist data compilation and prepare for the next phase of exploration.

From October 29 to November 1, 2018 inclusive, Dynasty conducted a property-wide prospecting under the supervision of Northern Mineral Exploration Services. The goal was to follow up the rock chip sampling program started in May of 2018 and to prepare targets for future trenching and drilling when a final exploration permit was received.

8.3 Program Observation and Recommendation

The sampling program confirmed that gold content is in direct proportion to sulphide content of the host rock. The high silver to gold ratio in the assay results suggest the mineralization is epithermal in origin. The five samples from trench 07-2 indicated that the gold mineralization was not adequately exposed during the previous work program. The size, trend and structural controls on the West Contact Area gold showing have yet to be determined. Further surface stripping about the Glatz outcrop was recommended before drill testing begins.

A total of 84 outcrops sites across the property were visited during the work program. Numerous exposures of moderate to strongly silicified mafic and sedimentary lithologies were sampled hosting estimated 1-5% very fine-grained disseminated pyrite and pyrrhotite. A 200 m high chargeability and resistivity IP anomaly from earlier reported geophysical work was also ground-checked. The anomaly was identified as a strongly silicified interflow sediment hosting 4-5% fine-grained pyrite and pyrrhotite. Altogether, sixty-four samples were collected (**Figure 10**) for gold plus trace element analyzes at ALS laboratory in Thunder Bay. The core storage site from the 2011 drill program by Laurentian Goldfields was located and inspected during the work program.

A previously uninspected area to the west of Glatz Outcrop, where IP surveying identified high chargeability and resistivity anomalies, was also ground-checked. The IP anomalies represent strongly silicified interflow sediments hosting estimated 4-5% fine-grained pyrite and pyrrhotite.

The mapping and prospecting program was designed to confirm drill targets, verify and extend the known gold mineralization, confirm rock descriptions and to acquire additional structural data. Future drill sites will be confirmed based on additional planned geophysics, and previous and current sampling results.

8.3.1 Recommendation

It was recommended to trench five priority targets in the West Contact area centered around the Glatz outcrop to determine the trend/control of the mineralization. It was necessary to repair the washed out Thundercloud Lake

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logging road prior to trenching when the exploration permit as received (this was done for the 2021 work).

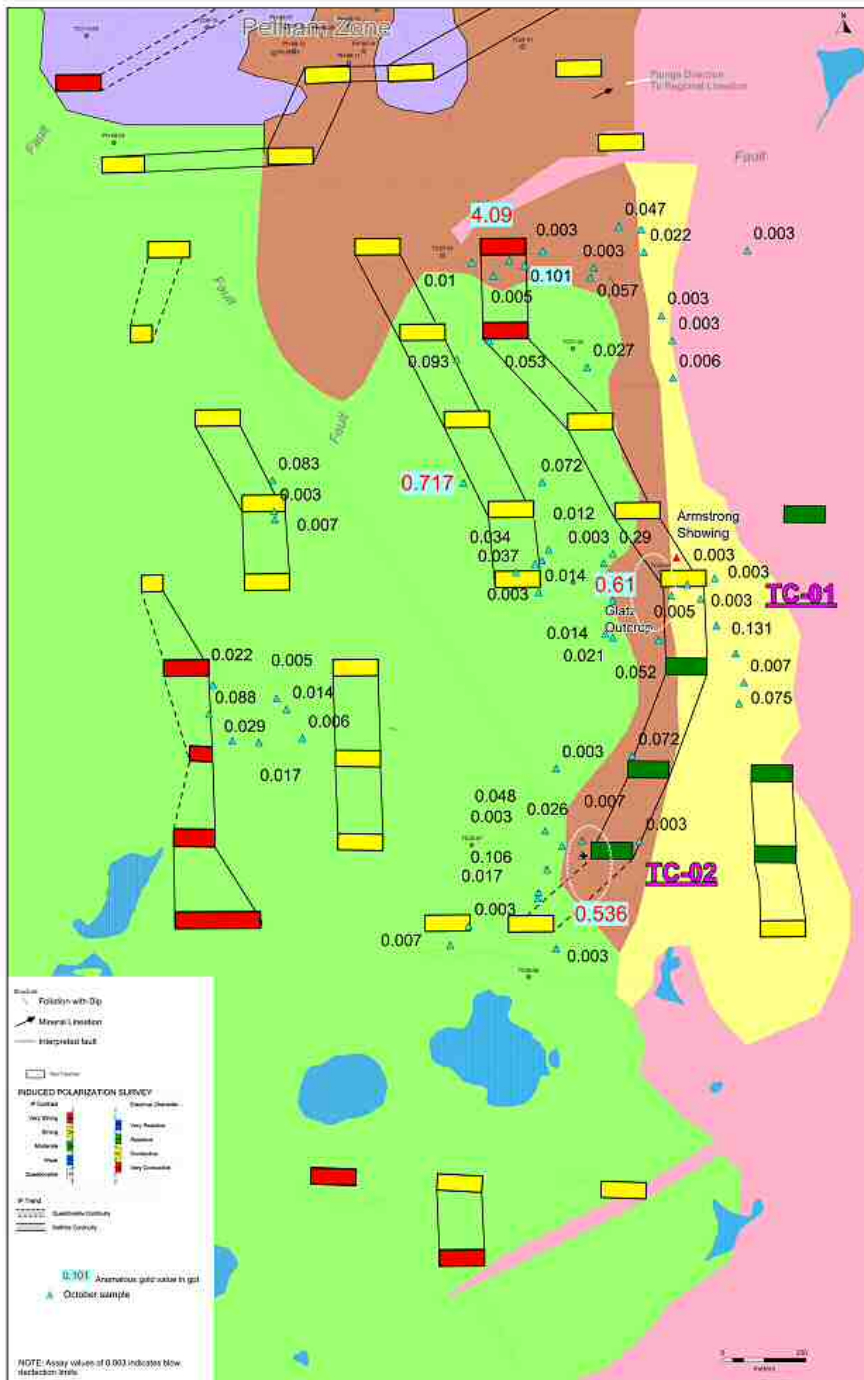


Figure 10. October 2018 sample locations

9 2021 Exploration

9.1 Program Activity Overview

Following receipt of its Exploration Permit for Thundercloud in March 2021, Dynasty Gold conducted a trenching and channel sampling program including mapping of the trenched areas as shown in **Figure 11** in July of that year. The program focused on two areas in the West Contact Zone. The first trench site (Trench 1 or TC-01) is centered on the Glatz outcrop where historic sampling returned 8.02 g/t over 39 meters. Dynasty confirmed and extended the gold zone with 30 meters of chip sampling from the Glatz outcrop in 2018 which yielded on average 3.03 g/t gold. The objective of this program is to determine the full extent of the mineralization at surface and its trend in order to effectively drill test the zone in a future work program.

The second trench site (Trench 2 or TC-02) is 400 meters south of the first trench site and it is designed to follow up gold anomalies found in previous soil and rock sampling programs as well as to determine the nature of a property-scale fault that was discovered in past work programs but never tested. The fault terminates the southward trending “Timiskaming-type” sediments on the property.

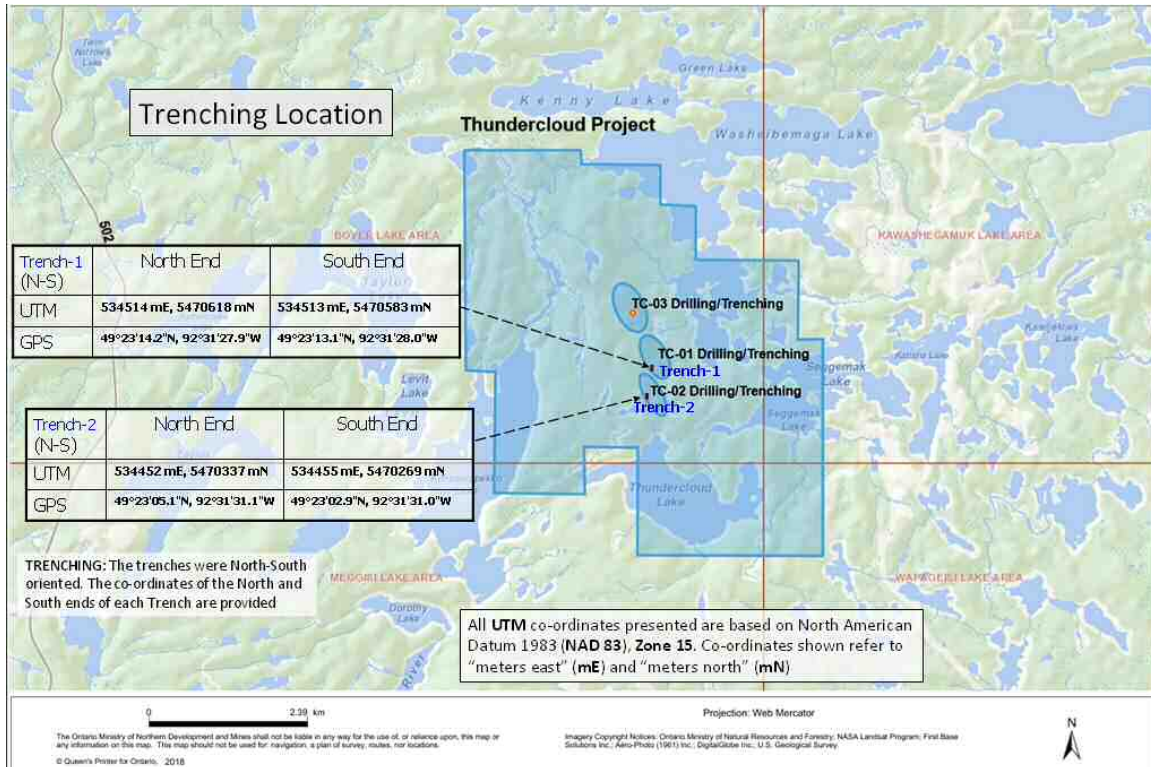


Figure 11. Trench Locations in West Contact area

9.2 Trenching Program and Channel Sampling

Preparation for trenching started on July 5, 2021. Steven Blair Contracting Ltd. in Dryden, Ontario was contracted to repair and restore the washed-out Thundercloud logging road and beaver dam erosion.

The trenching program was covered under the scope of Exploration Permit Number PR-19-000201. The field work was supervised by Northern Mineral Exploration Services in Thunder Bay. Steven Blair Contracting Ltd. in Dryden provided excavator, equipment and was contracted for trenching and stripping work.

Trenching and stripping started on July 9 through July 22 inclusive when Ontario's Emergency Work Order temporarily suspended the field work due to the forest air alert (Wildfire). Trenching, stripping and washing were completed for the two target sites (**Figure 12**, **Figure 13**) before the temporary work suspension order. Trench 1 (TC-01) is approximately 80 linear meters long and Trench 2 (TC-02) is approximately 20 linear meters long. Nineteen grab samples were taken in the first trench site and delivered to the ALS Laboratory in Thunder Bay for assay by Andrew Tims, principal of Northern Mineral Exploration Services.



Figure 12. Trench excavation

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Figure 13. Washing trench



Figure 14. Channel samples

Field work resumed on September 12, 2021 after fire restriction was lifted and the trenching program was completed by September 25. A total of 56 trench samples were taken from the two trenches (**Figure 14**) under the supervision of

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Northern Mineral Exploration Services and delivered to ALS Laboratory in Thunder Bay on September 25 by Andrew Tims. The sample locations for Trench 1 (TC-01) are shown in **Figure 15** and for Trench 2 (TC-02) in **Figure 16**.

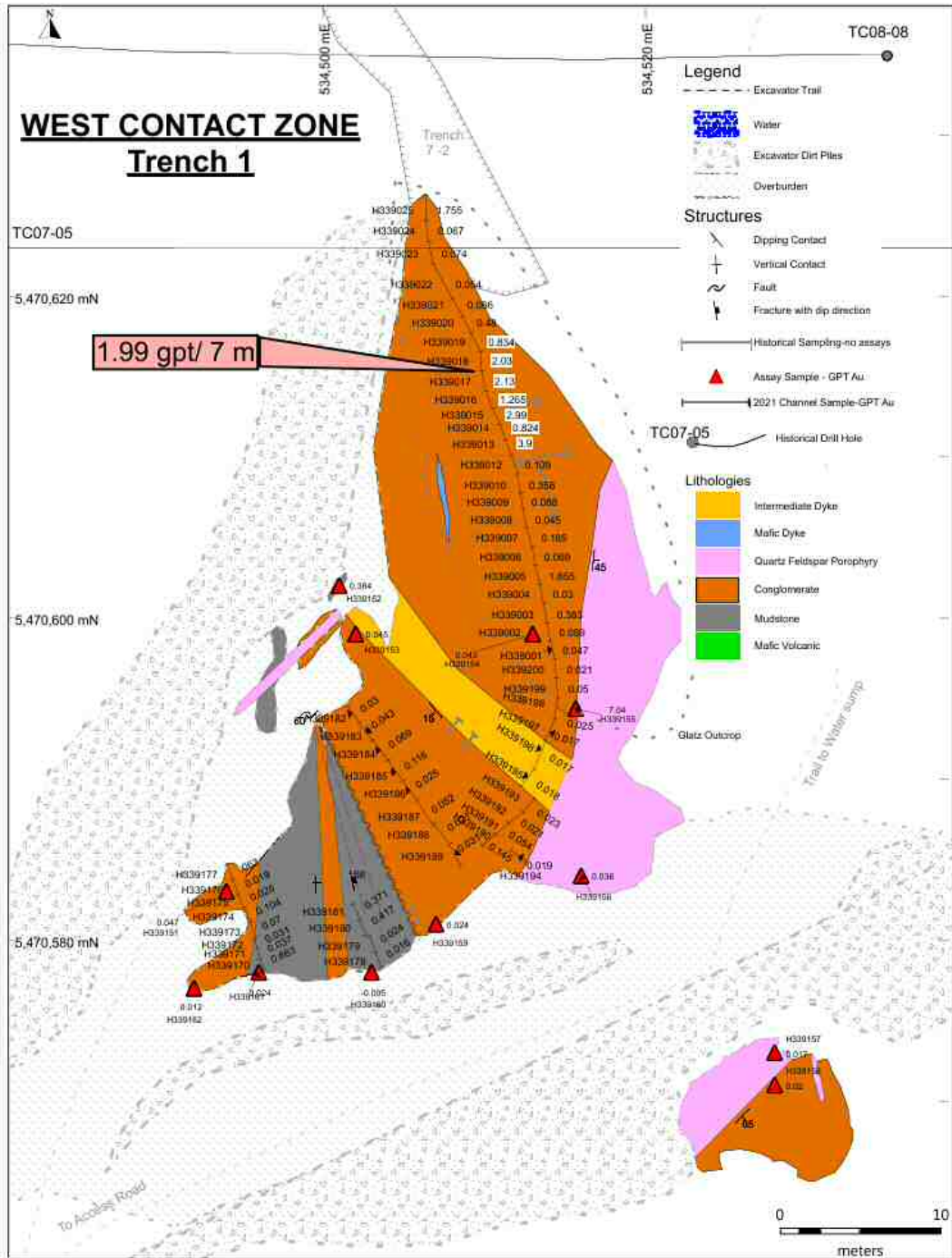


Figure 15. Locations of grab and channel samples taken from Trench 1

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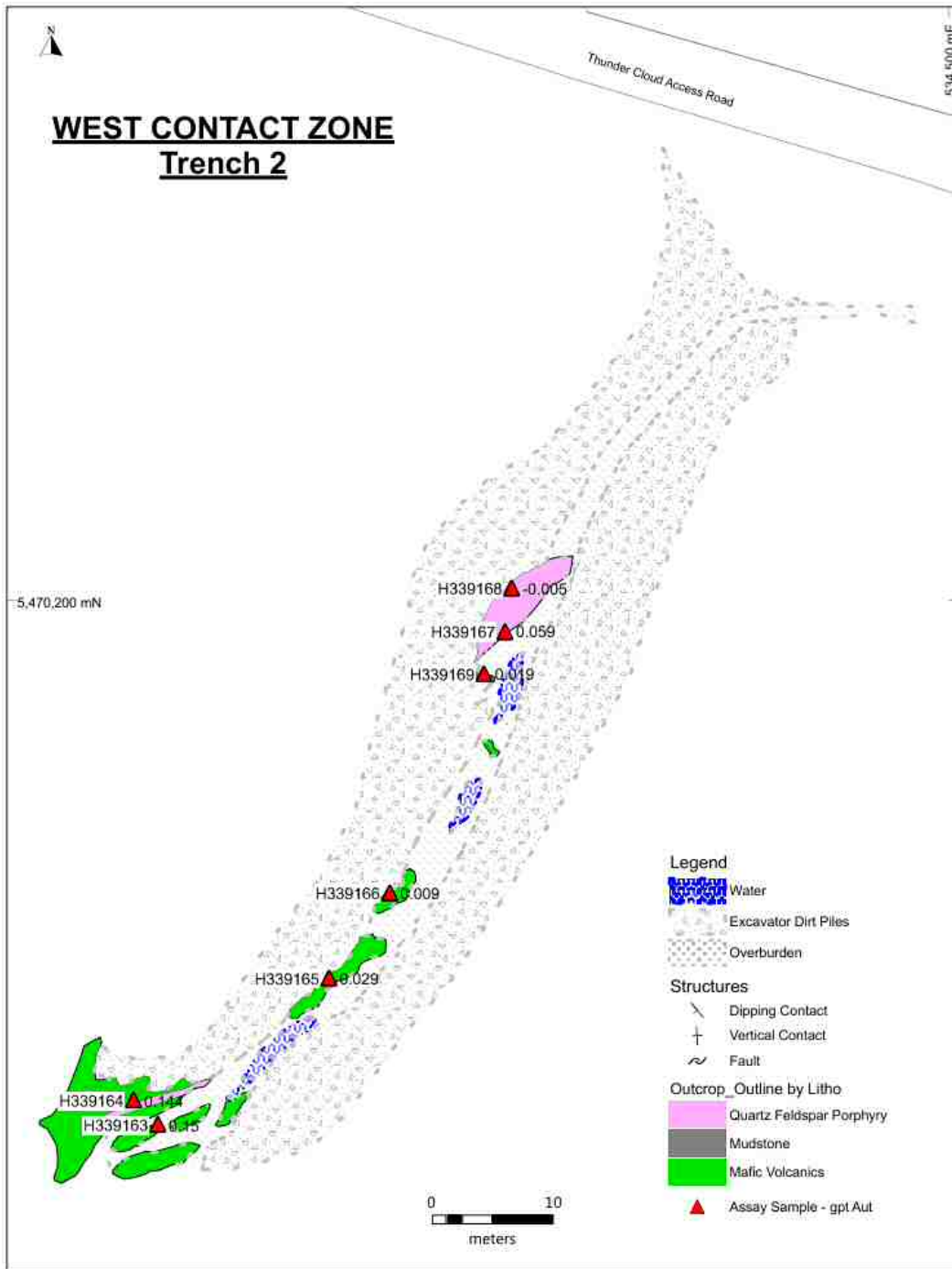


Figure 16. Locations of grab and channel samples from Trench 2

9.3 Program Observations and Results

The program focused on trenching in the West Contact Zone and approximately 100 lineal meters of trenching was completed in two target areas. Chip samples were taken along 1 meter intervals in a strongly altered and mineralized conglomeratic sedimentary unit in contact with a younger Thundercloud quartz-feldspar porphyry.

Trench-1 expanded upon a trench completed by Teck Resources Limited in 2007, exposing “Timiskaming-like” Archean metasediments composed of pebble to cobble conglomerate and siltstone beds. The metasediments were intruded by porphyry dykes of the Thundercloud quartz-feldspar porphyry stock and are pervasively altered to strong biotite and weak chlorite-bearing mineral assemblages. The altered sediments are host to 1-3% fine disseminated pyrite with elevated gold values encountered where pyrite becomes coarser-grained and coalesces into blebs and discontinuous hairline stringers.

Trench 1 is approximately 80 meters long and it is the longer of the two trenches. Channel samples in one continuous zone of 7 meters averaged 2.0 grams per tonne gold in conglomerate, with one meter samples in this 7 meter interval carrying between 0.82 and 3.9 grams per tonne gold. Elsewhere in the trench, individual chip samples of note carried from 0.37 up to 1.75 grams per tonne gold. A grab sample of highly altered pebble conglomerate taken adjacent to the contact with a quartz-feldspar porphyry dyke returned 7.04 grams per tonne gold. This sample contains 2-3% fine-grained disseminated pyrite and several percent secondary biotite which is the most common alteration mineral at Thundercloud.

Trench-2, located four hundred meters south of Trench-1, was designed to test the southern strike continuity of the West Contact mineralization. Excessive overburden depth precluded determining the nature of the bedrock at this location.

The rocks in Trench-1 are a mixed sequence of mudstone and pebble conglomerate. The sediments are pervasively altered by chlorite and moderate biotite alteration plus 3-15% pyrite. There are a number of QFP dyke/sills nearby. Pyrite content seems to be controlled by proximity to the QFP bodies.

9.4 Results Discussion

The trenching indicated that the clastic sediments surrounding the Thunder Cloud porphyry are host to anomalously high background gold values. Gold grade is independent of the pyrite content of the sediments. While the porphyry dykes tend to host the same concentration of pyrite as the sediments, the gold content is a magnitude lower, barely above detection limits. The gold grade

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locally reaches multi-gram grades in close proximity to the crossing-cutting porphyry dykes. Late brittle faulting is significant and has shuffled the stratigraphy on a ten's of meters scale. The most significant assay result from channel sampling is 2.0 g/t over 7 m.

The new assay results confirm that other areas within the West Contact Zone host significant gold values and form the basis for new exploration work. The new assay results indicate that the West Contact Zone now merits a thorough evaluation going forward.

Gold analyses, locally reaching multi-gram values in altered sediments in close proximity to the cross-cutting Thundercloud Porphyry Intrusives, provide guidelines for prioritizing additional surface sampling and geophysical surveys. There are several other highly anomalous soil geochemical results elsewhere on the property that will require trenching in the future. The West Contact mineralization is clearly structurally and mineralogically separate from the Pelham Zone to the north and merits significant additional work. Due to the Ontario wildfire emergency work ban in the summer of 2021 and longer than expected laboratory analyses time, work required to follow up the initial trenching results was not possible prior to the onset of winter conditions in 2021, the work will be deferred to the next exploration season.

10 Recommendations

The initial trenching assay data has provided a greater understanding of the structure and mineralization in the West Contact Zone. The new assay results confirm that other areas within the West Contact Zone host significant gold values and form the basis for follow up work.

Other than the Pelham Zone, other parts of the property including the West Contact Zone have only been sparsely explored. Work by Teck Resources Limited ("Teck") in 2007 and 2008 confirmed that mineralization extends south of the Pelham Zone along the west edge of the QFP and reaches the West Contact Zone. Previous geochem data returned anomalous gold values in the eastern and southern parts of the property that need to be followed up.

Gabbro mineralization that hosts the Pelham Zone resource as reported in the NI 43-101 resource estimate (Fladgate Exploration Consulting Organization, Jeffs, Thomas, 2021) was also found in the east of the West Contact Zone and at the southern portion of the Property as documented in the NI 43-101. These areas warrant exploration follow up.

An expanded high-resolution drone supported airborne magnetic survey is also recommended in the northeast portion of the Thundercloud Porphyry Intrusive where the gabbro hosted mineralization in the Pelham Zone was discovered.

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The survey data is expected to assist in interpreting the structural relationship between the Pelham Zone and West Contact Zone mineralization.

Across the property, there are a large number of widely spaced soil samples with elevated anomalous gold values taken in a MMI soil sampling program in 2011. A comprehensive sampling program is to follow up these anomalies with a 25-meter spacing soil sampling program around each site is also recommended.

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12 Statement of Qualifications

I, Alan Lee Barker, of 407 Colborne St. West, Whitby, Ontario, L1N 1X5,

do hereby certify:

1. That I am a an exploration consultant and was engaged by Dynasty Gold Corp., with offices at #1613 - 610 Granville Street, Vancouver, BC, to oversee the fieldwork in this report.
2. That I am a graduate of The University of Toronto (BASc., Applied Geology, 1966) and McGill University (MAsc. Mineral Exploration, 1968) and that I have practiced my profession continuously since 1968.
3. That I am a member in good standing with the Association of Professional Engineers of Ontario.
4. That this report is based on publicly-available reports and maps and fieldwork carried out under my supervision from July to September, 2021

Dated in Toronto, ON this 25th Day of March, 2022



Appendices

Thundercloud Exploration Report

Appendix I

Assay Certificates, Sample Locations and Description (see attachments)



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Page: 2 - A
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 22-JUL-2018
 Account: DYN GOL

Project: ThunderCloud

CERTIFICATE OF ANALYSIS TB18165570

Sample Description	Method Analyte Units LOD	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M495801		0.98	0.033	0.35	8.16	13.5	180	1.10	0.07	5.65	0.19	9.89	60.6	174	16.50	173.0
M495802		1.24	0.069	1.67	8.10	9.8	300	1.44	0.42	5.61	0.12	5.82	50.1	251	10.30	119.5
M495803		1.12	0.375	3.04	8.02	27.9	250	1.65	0.53	4.87	0.11	4.41	44.5	281	21.0	404
M495804		1.48	1.465	2.41	7.94	56.5	280	1.77	0.18	4.43	0.10	7.67	55.6	208	14.50	116.5
M495805		3.55	3.03	4.04	7.65	33.3	440	0.93	0.20	2.78	0.08	11.20	42.6	135	13.35	149.0

***** See Appendix Page for comments regarding this certificate *****



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Project: ThunderCloud

CERTIFICATE OF ANALYSIS TB18165570

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
Units		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
LOD		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M495801		10.85	21.4	0.08	1.4	0.073	0.81	3.5	145.0	3.73	1700	0.21	1.88	2.8	106.0	380
M495802		7.42	18.90	0.06	0.7	0.054	0.84	2.2	111.5	2.96	1060	0.23	2.07	1.5	85.8	230
M495803		8.35	19.20	0.07	1.0	0.054	1.86	1.6	175.5	4.13	1160	0.29	0.95	1.5	114.5	240
M495804		8.26	22.4	0.08	1.6	0.069	1.54	2.9	130.0	2.53	1020	2.12	1.85	2.0	103.0	310
M495805		6.08	21.1	0.08	2.3	0.048	1.48	4.7	105.5	1.72	617	2.41	2.29	2.6	66.9	470

***** See Appendix Page for comments regarding this certificate *****



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CERTIFICATE OF ANALYSIS TB18165570

Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Tl % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M495801		3.3	31.9	<0.002	1.33	1.53	41.0	2	0.6	294	0.17	0.26	0.30	0.648	0.45	0.1
M495802		9.3	34.5	<0.002	2.73	1.41	45.4	2	0.4	443	0.10	0.97	0.21	0.415	0.42	0.1
M495803		7.1	77.8	0.002	2.05	1.04	44.0	2	0.5	240	0.09	2.43	0.14	0.423	1.04	0.1
M495804		9.1	73.4	<0.002	3.75	1.24	36.0	3	0.6	354	0.13	3.02	0.49	0.478	0.80	0.2
M495805		11.9	61.6	<0.002	2.18	0.90	30.2	3	0.5	343	0.18	4.34	0.81	0.425	0.63	0.4

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CERTIFICATE OF ANALYSIS TB18165570

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
CRU-31 CRU-QC LOG-22 PUL-31
PUL-QC SPL-21 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-AA23 ME-MS61



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CERTIFICATE TB18280677

Project: ThunderCloud
P.O. No.: DYNGOL
This report is for 64 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 6-NOV-2018.

The following have access to data associated with this certificate:

IVY CHONG

ANDREW TIMS

PS WONG

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS61	48 element four acid ICP-MS
Au-AA23	Au 30g FA-AA finish AAS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS TB18280677

Sample Description	Method Analyte Units LOD	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm
DG18-01		0.56	<0.005	0.05	5.10	2.7	1090	0.88	0.05	1.07	0.02	29.7	5.5	62	9.32	11.6
DG18-02		0.82	0.610	1.83	7.75	30.1	130	1.57	0.04	5.27	0.14	6.93	49.4	211	17.00	217
DG18-03		1.75	<0.005	0.02	6.96	2.3	730	1.11	0.05	2.30	0.02	37.9	7.6	41	13.40	6.3
DG18-04		1.31	<0.005	0.03	6.93	2.7	360	0.58	0.05	2.40	<0.02	31.2	6.4	49	0.67	23.9
DG18-05		0.55	0.037	0.38	7.28	6.7	230	0.82	0.18	4.01	0.28	5.85	43.7	148	21.3	98.1
DG18-06		1.13	0.014	0.39	6.22	2.4	70	0.40	0.20	6.16	0.10	5.57	38.5	141	3.06	124.5
DG18-07		0.91	0.005	0.12	7.01	4.6	400	0.85	0.15	2.91	0.09	8.21	12.4	65	12.20	31.3
DG18-08		0.51	<0.005	0.05	7.13	3.1	570	0.94	0.05	1.38	0.03	8.96	2.6	24	8.99	6.9
DG18-09		0.36	0.290	0.27	6.78	10.1	450	1.05	0.16	0.65	0.06	9.92	2.4	7	10.20	8.4
DG18-10		0.99	0.012	0.14	7.43	3.0	60	0.40	0.03	8.41	0.11	5.18	45.8	234	2.34	121.0
DG18-11		1.06	0.034	0.37	8.14	3.4	140	0.70	0.13	5.83	0.16	8.18	55.1	147	11.35	157.5
DG18-12		0.67	0.014	0.53	7.93	6.4	100	0.88	0.04	6.56	0.16	8.39	50.0	186	10.70	140.5
DG18-13		0.24	0.026	0.45	6.50	11.9	490	1.27	0.26	0.70	0.02	9.38	2.0	18	14.50	11.7
DG18-14		0.68	0.072	0.44	6.01	19.6	360	0.78	0.14	0.72	0.02	7.94	1.9	15	9.66	10.0
DG18-15		0.83	0.106	0.90	6.80	29.4	380	0.92	0.48	2.49	0.07	11.25	13.1	67	14.10	28.5
DG18-16		0.88	0.017	0.60	7.07	22.0	420	1.02	0.31	3.24	0.08	8.39	12.8	60	21.1	57.2
DG18-17		0.52	<0.005	0.35	7.64	9.6	30	0.23	0.18	6.27	0.15	6.90	46.7	148	3.89	114.0
DG18-18		0.46	0.007	0.40	7.48	11.7	20	0.24	0.34	6.74	0.16	6.68	51.8	150	1.61	147.5
DG18-19		0.54	<0.005	0.12	3.47	5.9	40	0.61	0.03	6.00	0.15	20.1	86.0	958	0.80	257
DG18-20A		1.20	0.007	0.65	7.06	3.3	40	0.43	0.58	6.12	0.19	8.83	49.4	177	4.61	164.0
DG18-20B		0.86	<0.005	0.03	7.38	8.8	430	0.58	0.10	0.50	<0.02	9.55	4.4	12	5.53	3.7
DG18-21		0.70	0.083	0.14	7.92	2.8	130	0.23	0.05	6.56	0.13	5.05	52.1	244	1.91	98.5
DG18-22		1.13	0.048	0.29	7.30	12.0	440	1.05	0.16	2.22	0.04	13.15	11.0	51	12.05	27.1
DG18-23		0.93	0.536	5.95	7.18	18.8	250	1.01	0.64	2.36	0.07	7.90	23.0	89	10.35	85.3
DG18-24		0.83	0.007	0.41	7.95	11.3	290	0.44	0.24	7.49	0.13	7.68	55.0	156	5.55	154.0
DG18-25		0.59	<0.005	0.07	6.90	3.0	700	1.03	0.13	2.08	0.04	79.8	18.4	252	1.32	50.9
DG18-26		0.32	<0.005	0.05	7.43	1.3	600	0.96	0.05	1.57	0.02	10.75	3.1	12	6.78	4.3
DG18-27		0.43	0.021	0.41	8.30	4.7	50	0.43	0.06	5.74	0.20	7.08	52.0	200	1.71	173.5
DG18-28		0.90	0.052	0.94	7.90	17.9	410	0.96	1.51	6.88	0.17	7.92	54.6	187	30.8	196.0
DG18-29		0.71	0.131	0.20	7.58	7.4	630	1.24	0.12	1.26	0.06	16.80	3.2	16	11.55	12.4
DG18-30		0.55	<0.005	0.02	7.63	2.0	1150	1.30	0.07	1.17	0.03	39.4	5.0	38	12.05	4.0
DG18-31		0.46	<0.005	0.08	7.14	1.8	490	1.01	0.29	4.87	0.12	60.1	31.2	168	10.30	19.1
DG18-32		0.65	0.035	0.05	7.25	32.0	500	1.10	0.11	0.87	0.04	16.35	2.5	13	6.11	5.9
DG18-33		0.76	0.007	0.07	6.77	23.6	590	1.05	0.06	1.59	0.04	14.20	2.6	17	10.15	5.9
DG18-34		0.64	0.075	0.73	7.47	11.1	630	1.05	0.19	3.04	0.12	6.76	32.8	211	5.17	111.0
DG18-35		0.56	0.005	0.11	7.32	4.0	600	0.69	0.27	6.11	0.13	50.1	22.3	92	6.48	41.2
DG18-36		0.71	0.014	0.19	7.80	2.0	180	0.64	0.20	7.48	0.13	7.08	52.7	159	8.29	118.5
DG18-37		0.86	0.006	0.15	7.87	1.7	60	0.49	0.66	8.63	0.12	7.12	51.7	172	2.45	92.0
DG18-38		1.08	0.017	0.61	7.77	1.4	100	1.02	0.13	5.35	0.10	7.02	54.5	160	25.4	180.5
DG18-39		0.77	0.029	0.09	7.75	5.2	20	0.32	0.04	7.88	0.11	7.08	53.4	160	2.07	113.5



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CERTIFICATE OF ANALYSIS TB18280677

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
DG18-01		1.41	13.45	0.07	2.0	0.015	1.64	13.2	45.8	0.69	236	0.17	1.01	1.6	25.9	300
DG18-02		7.95	19.25	0.08	1.2	0.069	1.36	2.6	131.5	2.65	971	0.36	1.07	2.4	123.0	360
DG18-03		1.97	18.80	0.06	2.8	0.015	1.86	17.3	110.0	1.01	317	0.16	2.38	2.2	26.2	500
DG18-04		0.50	18.25	0.07	3.7	0.021	0.58	14.2	6.7	0.10	82	0.42	2.57	5.2	10.0	480
DG18-05		8.67	18.25	0.07	1.3	0.065	1.76	2.1	157.5	4.76	1240	0.17	1.12	2.4	95.6	320
DG18-06		8.36	14.95	0.06	0.9	0.060	0.41	2.1	77.1	4.44	1280	2.97	0.64	1.6	72.8	230
DG18-07		2.91	17.95	0.08	1.9	0.020	1.34	3.7	61.1	1.18	503	0.49	2.84	1.9	26.3	210
DG18-08		0.98	18.15	0.05	2.0	0.008	1.61	4.3	22.7	0.24	176	0.08	3.38	1.8	5.1	190
DG18-09		1.01	18.30	<0.05	1.9	0.008	1.65	5.1	42.3	0.45	129	0.40	2.91	1.0	4.6	170
DG18-10		7.74	15.35	0.08	0.7	0.056	0.18	1.8	86.3	3.63	1300	0.50	1.46	1.4	108.0	210
DG18-11		9.51	18.90	0.09	1.4	0.079	0.76	2.8	133.0	3.98	1400	0.67	1.97	2.6	108.0	320
DG18-12		8.51	19.20	0.08	1.1	0.074	0.67	3.1	90.4	3.63	1560	0.28	1.54	2.4	112.5	330
DG18-13		1.07	18.55	0.06	2.2	0.010	1.52	4.5	101.0	0.66	170	4.74	3.05	1.3	6.4	180
DG18-14		1.22	14.80	<0.05	1.6	0.013	1.82	4.0	86.2	0.57	147	1.54	1.96	1.0	6.3	210
DG18-15		2.89	18.15	0.09	1.8	0.025	2.01	5.0	66.3	1.20	622	2.68	2.51	1.1	32.9	220
DG18-16		3.26	18.25	0.08	1.7	0.027	2.22	3.8	55.9	1.30	564	0.98	2.38	1.7	30.9	250
DG18-17		9.08	16.85	0.10	1.0	0.068	0.22	2.4	42.7	4.17	1530	0.24	1.70	2.0	88.8	290
DG18-18		9.45	16.90	0.10	1.0	0.068	0.11	2.3	69.9	4.70	1540	0.24	1.17	2.0	114.0	280
DG18-19		11.05	12.00	0.10	1.8	0.056	0.06	7.9	5.6	9.47	1680	0.23	1.19	7.0	777	360
DG18-20A		10.10	18.40	0.09	0.9	0.074	0.13	3.0	60.9	4.05	1620	0.28	1.94	2.6	59.4	370
DG18-20B		0.69	15.30	0.07	2.1	0.005	1.70	3.5	18.7	0.12	70	0.15	4.73	1.9	4.0	180
DG18-21		8.17	17.20	0.09	0.9	0.061	0.30	1.7	61.6	5.20	1440	0.14	2.00	1.6	124.5	230
DG18-22		2.71	19.90	0.09	2.1	0.028	1.29	5.5	66.5	1.06	492	0.44	3.14	1.7	21.0	270
DG18-23		4.89	17.05	0.07	1.5	0.028	1.33	3.4	106.5	2.01	834	1.06	2.43	1.5	50.8	250
DG18-24		9.47	19.10	0.08	1.3	0.068	0.57	2.7	63.7	4.02	1520	0.50	1.68	2.1	106.0	310
DG18-25		4.30	17.70	0.15	2.9	0.025	1.38	38.1	10.2	1.75	478	0.29	2.99	3.6	83.2	880
DG18-26		1.03	19.35	0.07	2.0	0.008	2.02	4.9	31.6	0.37	184	0.06	2.80	1.7	5.2	200
DG18-27		8.84	18.15	0.08	1.4	0.071	0.16	2.7	52.2	3.85	1340	0.12	2.50	2.5	107.0	340
DG18-28		10.10	22.7	0.11	1.5	0.058	2.06	2.8	211	3.84	1720	2.15	1.32	2.4	118.5	330
DG18-29		1.36	23.1	0.10	2.2	0.013	1.94	8.1	58.7	0.60	232	0.40	3.12	1.6	6.5	220
DG18-30		1.43	23.4	0.08	3.4	0.014	2.98	17.1	43.7	0.56	179	0.26	2.23	2.9	22.9	480
DG18-31		6.16	22.0	0.15	3.5	0.054	0.92	27.9	35.2	3.19	838	0.22	2.48	4.3	125.5	820
DG18-32		0.97	18.80	0.08	2.1	0.007	1.60	9.0	32.3	0.29	163	0.61	3.41	1.3	4.2	210
DG18-33		0.96	17.15	0.07	1.9	0.010	1.54	6.6	35.1	0.28	191	0.14	2.71	1.4	4.5	200
DG18-34		8.54	20.4	0.10	1.2	0.065	1.75	2.4	139.0	3.68	1220	0.33	0.94	2.5	62.4	310
DG18-35		4.43	19.15	0.13	2.4	0.034	2.13	23.8	25.3	2.08	1000	0.49	1.37	3.3	51.4	540
DG18-36		9.76	18.10	0.08	1.1	0.063	0.63	2.5	40.7	3.95	1570	0.51	1.51	2.0	102.0	290
DG18-37		8.95	18.05	0.08	1.0	0.069	0.29	2.5	34.1	3.49	1670	0.34	1.01	2.1	103.5	260
DG18-38		9.57	17.40	0.11	1.1	0.061	1.67	2.4	135.5	4.57	1380	0.23	1.54	2.0	108.0	290
DG18-39		9.89	17.50	0.11	0.9	0.063	0.11	2.5	45.8	4.04	1560	0.16	1.27	2.0	104.0	290



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CERTIFICATE OF ANALYSIS TB18280677

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
DG18-01		11.7	51.3	<0.002	0.04	1.46	4.0	<1	0.5	565	0.14	<0.05	3.76	0.125	0.32	1.1
DG18-02		5.9	61.2	<0.002	2.03	1.27	44.3	3	0.5	272	0.15	2.43	0.32	0.611	0.93	0.1
DG18-03		12.1	69.5	<0.002	0.03	1.01	4.6	<1	0.5	464	0.18	<0.05	4.21	0.164	0.72	1.4
DG18-04		6.1	18.2	<0.002	0.01	<0.05	3.7	1	1.2	288	0.45	<0.05	3.19	0.259	0.11	0.6
DG18-05		20.6	43.1	<0.002	0.76	1.17	31.8	<1	0.5	183.0	0.16	0.09	0.17	0.577	0.90	0.1
DG18-06		3.7	21.5	0.004	0.70	0.84	30.0	1	0.4	165.0	0.09	0.32	0.17	0.399	0.19	<0.1
DG18-07		10.9	50.6	<0.002	0.27	0.40	10.0	<1	0.4	381	0.14	0.05	1.03	0.196	0.49	0.5
DG18-08		12.5	58.1	<0.002	0.06	0.21	2.1	<1	0.4	474	0.16	<0.05	1.33	0.091	0.48	0.7
DG18-09		9.1	69.5	<0.002	0.32	0.37	1.6	<1	0.3	280	0.09	0.27	1.61	0.060	0.54	0.8
DG18-10		3.5	9.8	<0.002	0.12	1.26	43.8	1	0.4	225	0.08	0.05	0.14	0.409	0.10	<0.1
DG18-11		5.7	34.6	0.002	0.53	0.86	44.5	2	0.6	224	0.17	0.17	0.26	0.620	0.48	0.1
DG18-12		3.1	53.9	<0.002	0.74	1.58	47.9	1	0.6	252	0.16	0.28	0.24	0.585	0.51	0.1
DG18-13		5.7	95.3	<0.002	0.06	0.69	3.4	1	0.4	270	0.11	0.82	1.74	0.075	0.77	0.9
DG18-14		11.5	80.0	<0.002	0.29	0.95	2.3	1	0.3	211	0.09	0.41	1.42	0.068	0.64	0.7
DG18-15		5.9	101.5	<0.002	1.31	2.00	12.9	1	0.4	245	0.10	0.97	1.07	0.144	0.91	0.5
DG18-16		10.3	105.0	<0.002	0.57	1.54	13.4	1	0.5	367	0.13	0.28	1.00	0.204	1.21	0.5
DG18-17		3.7	9.8	<0.002	0.21	1.30	46.5	1	0.5	194.0	0.13	0.14	0.21	0.540	0.11	0.1
DG18-18		3.8	3.3	<0.002	0.46	2.10	45.9	1	0.4	150.5	0.13	0.26	0.20	0.506	0.05	0.1
DG18-19		2.4	2.4	<0.002	0.03	0.24	38.3	1	0.8	125.0	0.42	<0.05	0.68	0.775	0.02	0.2
DG18-20A		7.2	8.1	0.003	0.88	1.45	55.0	1	0.5	191.0	0.16	0.21	0.26	0.643	0.08	0.1
DG18-20B		2.5	63.1	<0.002	0.09	0.31	2.2	<1	0.3	120.5	0.15	0.05	1.85	0.097	0.46	0.8
DG18-21		2.1	9.8	<0.002	0.05	0.61	46.4	1	0.4	344	0.11	0.09	0.13	0.446	0.12	<0.1
DG18-22		12.3	60.3	<0.002	1.04	0.82	11.2	1	0.5	341	0.14	0.24	1.46	0.172	0.52	0.7
DG18-23		5.1	58.9	<0.002	1.53	1.14	20.5	2	0.4	276	0.11	4.12	0.79	0.252	0.56	0.4
DG18-24		4.0	25.7	<0.002	0.45	2.20	48.7	1	0.6	347	0.12	0.28	0.26	0.547	0.25	0.1
DG18-25		11.6	40.1	<0.002	0.01	0.25	10.9	1	0.6	518	0.24	<0.05	6.74	0.247	0.22	1.5
DG18-26		14.2	66.0	<0.002	0.01	0.43	2.6	<1	0.5	460	0.15	<0.05	1.69	0.095	0.44	0.7
DG18-27		5.2	5.8	<0.002	0.67	0.70	48.7	1	0.6	235	0.14	0.30	0.25	0.636	0.08	0.1
DG18-28		15.0	75.1	<0.002	1.72	1.73	45.7	3	0.6	334	0.14	0.29	0.25	0.605	1.06	0.1
DG18-29		15.9	76.1	<0.002	0.11	0.85	2.9	1	0.5	405	0.13	<0.05	2.06	0.097	0.57	1.0
DG18-30		13.6	99.9	<0.002	0.01	1.26	5.2	<1	0.7	588	0.23	<0.05	5.39	0.173	0.60	1.7
DG18-31		6.1	47.5	<0.002	0.04	0.60	14.4	<1	1.2	584	0.26	<0.05	5.61	0.786	0.41	1.5
DG18-32		11.6	66.1	<0.002	0.21	0.94	2.2	1	0.4	344	0.10	<0.05	2.02	0.079	0.47	1.0
DG18-33		10.1	70.7	<0.002	0.15	0.76	2.1	1	0.4	321	0.12	<0.05	1.92	0.086	0.62	0.8
DG18-34		7.6	63.8	0.002	1.00	1.31	46.5	1	0.5	327	0.16	0.26	0.24	0.606	0.85	0.1
DG18-35		12.2	60.1	<0.002	0.08	0.87	16.2	<1	0.6	439	0.24	<0.05	5.16	0.288	0.44	1.6
DG18-36		3.8	24.0	0.002	0.17	0.58	48.4	1	0.5	313	0.13	0.08	0.28	0.539	0.23	0.1
DG18-37		3.7	8.4	0.002	0.14	0.68	49.4	1	0.5	138.5	0.13	0.05	0.21	0.548	0.06	0.1
DG18-38		2.9	92.5	0.002	1.00	0.31	49.3	1	0.5	96.4	0.13	0.57	0.21	0.542	0.92	0.1
DG18-39		0.9	3.4	<0.002	0.08	0.87	48.8	1	0.6	118.5	0.13	0.08	0.20	0.537	0.03	<0.1



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		V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm
		1	0.1	0.1	2	0.5
DG18-01		32	1.1	3.5	31	75.1
DG18-02		346	7.7	15.7	92	36.4
DG18-03		41	0.6	4.4	53	105.0
DG18-04		60	0.3	6.3	12	146.5
DG18-05		260	8.3	14.4	416	44.1
DG18-06		219	4.3	14.6	89	26.8
DG18-07		78	4.2	5.7	63	65.2
DG18-08		16	0.5	2.0	43	70.0
DG18-09		52	1.2	2.1	27	65.8
DG18-10		228	2.5	15.2	78	23.8
DG18-11		273	7.2	20.3	116	45.1
DG18-12		273	3.8	20.6	104	32.3
DG18-13		39	2.4	2.8	20	72.0
DG18-14		48	2.2	2.3	21	54.5
DG18-15		95	6.1	5.9	37	56.6
DG18-16		89	4.8	6.1	60	60.4
DG18-17		268	0.5	19.4	97	30.9
DG18-18		259	1.2	19.2	96	28.6
DG18-19		252	0.1	13.8	109	69.1
DG18-20A		322	1.3	24.1	76	32.1
DG18-20B		15	0.9	2.5	6	75.1
DG18-21		256	0.8	16.6	80	20.8
DG18-22		72	4.5	7.6	44	73.3
DG18-23		193	6.3	9.3	81	51.4
DG18-24		268	1.2	20.2	111	43.8
DG18-25		75	0.4	8.7	68	114.0
DG18-26		18	0.4	2.4	43	65.8
DG18-27		289	5.3	19.5	112	45.6
DG18-28		285	10.4	19.0	175	50.5
DG18-29		22	1.4	2.6	43	76.9
DG18-30		37	1.0	4.9	33	126.5
DG18-31		116	1.3	15.0	118	124.5
DG18-32		16	1.3	2.8	33	74.4
DG18-33		15	1.4	2.2	44	63.8
DG18-34		283	4.9	16.6	101	41.1
DG18-35		112	1.7	10.1	68	90.2
DG18-36		276	1.6	19.3	119	38.5
DG18-37		278	1.9	19.9	97	30.5
DG18-38		275	7.0	17.5	123	32.7
DG18-39		270	1.1	19.5	108	26.3



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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
DG18-40		0.31	0.088	0.35	7.95	3.4	30	0.29	0.06	7.68	0.18	7.35	59.2	163	0.53	169.0
DG18-41		0.89	0.022	0.23	8.23	1.3	200	0.65	0.24	6.97	0.12	6.68	44.6	152	19.70	143.0
DG18-42		0.27	0.009	0.22	7.84	4.9	120	0.43	0.07	7.23	0.16	6.53	49.5	211	3.47	163.5
DG18-43		0.74	0.010	0.09	7.65	10.4	170	0.69	0.07	2.78	0.06	21.0	19.1	100	4.46	59.6
DG18-44		0.58	4.09	0.75	8.03	6.9	130	1.68	0.51	5.04	0.10	7.86	45.2	180	34.8	203
DG18-45		0.71	0.057	0.21	7.85	13.6	300	1.13	0.04	5.13	0.12	7.65	45.5	174	28.4	146.0
DG18-46		0.81	<0.005	0.04	7.57	5.4	340	0.58	0.09	1.92	0.03	15.85	3.0	13	8.96	5.8
DG18-47		0.56	0.047	0.12	6.94	8.9	370	1.15	0.04	2.32	0.27	20.5	4.5	29	24.6	20.2
DG18-48		0.84	0.717	2.33	7.58	117.5	110	1.27	0.36	4.09	0.03	3.86	41.8	230	45.7	17.8
DG18-49		0.72	0.005	0.09	7.93	3.1	60	0.62	0.06	8.44	0.15	7.83	48.9	154	1.83	42.1
DG18-50		0.64	<0.005	0.07	7.26	3.1	110	0.30	0.02	6.63	0.15	8.04	44.1	14	1.20	69.1
DG18-51		0.71	0.047	0.24	7.10	36.1	430	0.96	0.22	1.19	0.03	13.65	4.6	25	10.40	19.1
DG18-52		1.07	0.019	0.16	7.52	4.3	520	0.71	0.19	2.04	0.04	12.45	19.7	50	11.45	54.0
DG18-53		0.50	0.022	0.39	7.30	11.7	410	0.65	0.39	2.09	0.04	16.85	24.1	39	19.70	139.5
DG18-54		0.78	<0.005	0.07	7.03	1.1	650	0.83	0.21	0.78	0.02	15.90	2.3	12	4.41	6.9
DG18-55		0.57	<0.005	0.02	7.93	3.6	1090	1.20	0.06	1.53	0.04	49.7	5.7	47	14.95	3.9
DG18-56		0.60	0.010	0.03	8.72	1.8	550	1.46	0.18	5.43	0.06	13.60	22.9	132	10.15	27.4
DG18-57		0.89	0.072	0.32	8.34	5.1	590	1.02	0.63	7.37	0.17	5.50	49.0	273	26.7	139.0
DG18-58		0.49	0.093	1.04	6.70	5.9	110	1.10	0.02	9.16	0.10	4.76	40.7	196	58.5	96.9
DG18-59		0.64	0.053	0.24	7.61	4.8	70	0.44	0.01	7.87	0.13	5.34	44.3	218	15.50	105.0
DG18-60		0.98	0.101	0.41	7.66	6.7	210	1.64	0.24	4.49	0.09	7.96	46.0	185	26.4	253
DG18-61		0.76	<0.005	0.05	8.04	2.5	790	1.34	0.06	1.31	0.09	12.55	3.3	11	6.78	7.1
DG18-62		0.97	0.006	0.10	7.46	5.8	870	1.07	0.12	2.45	0.05	11.50	6.2	35	18.40	13.4
DG18-63		0.56	0.027	0.09	7.56	2.9	180	0.38	0.15	9.80	0.12	5.57	43.6	214	2.23	64.3



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
DG18-40		9.40	17.35	0.10	0.9	0.071	0.09	2.5	42.1	3.72	1500	0.66	1.98	2.2	114.0	290
DG18-41		8.32	18.95	0.09	1.0	0.065	1.28	2.3	123.0	4.30	1300	0.27	0.77	2.0	120.5	250
DG18-42		9.29	17.50	0.10	1.0	0.058	0.51	2.6	58.7	4.90	1530	0.40	0.68	1.8	107.0	260
DG18-43		4.38	17.00	0.10	2.3	0.034	0.71	9.3	50.1	2.12	686	0.20	3.11	2.5	44.2	330
DG18-44		8.31	21.8	0.09	1.4	0.069	0.93	2.9	110.5	2.76	1180	0.53	1.33	2.4	67.9	390
DG18-45		8.00	17.85	0.08	1.3	0.070	1.04	3.1	90.6	4.34	1310	0.91	1.60	2.4	99.6	340
DG18-46		1.38	18.90	0.05	2.4	0.012	1.06	7.6	67.2	1.02	377	0.28	3.80	1.7	4.1	230
DG18-47		1.97	19.10	0.06	3.0	0.024	1.50	9.5	97.8	1.59	515	0.38	1.68	2.1	13.7	320
DG18-48		6.90	18.10	0.07	1.1	0.019	1.07	1.3	80.5	2.23	414	2.29	1.72	1.0	81.0	300
DG18-49		9.98	18.45	0.08	1.3	0.070	0.21	2.8	44.2	4.15	1740	0.18	1.43	2.2	96.1	320
DG18-50		10.85	18.50	0.10	1.2	0.072	0.12	2.8	50.9	3.98	1930	0.24	1.97	2.7	32.1	300
DG18-51		1.58	18.15	0.05	2.0	0.012	1.57	7.2	35.8	0.74	202	1.87	2.68	1.4	11.7	270
DG18-52		4.30	18.50	0.07	2.4	0.032	1.61	5.7	31.5	1.09	555	0.21	2.95	2.8	26.0	360
DG18-53		6.61	19.90	0.09	3.3	0.037	1.43	7.2	47.0	1.20	834	0.36	2.45	4.5	24.6	580
DG18-54		0.90	17.75	0.05	1.9	0.010	1.78	8.0	24.9	0.32	153	0.10	3.45	1.8	3.3	240
DG18-55		1.76	21.7	0.09	3.4	0.019	3.66	24.2	56.2	0.82	258	0.09	0.64	3.3	27.3	620
DG18-56		5.05	25.2	0.09	2.5	0.047	1.15	6.1	74.6	2.28	818	0.11	2.99	3.4	51.8	370
DG18-57		8.09	18.20	0.10	0.8	0.067	1.84	1.9	86.9	3.56	1450	0.13	1.11	1.8	106.0	260
DG18-58		6.35	13.45	0.07	0.8	0.051	1.53	1.7	86.6	3.49	1320	0.26	0.82	1.3	76.5	190
DG18-59		8.40	15.45	0.08	0.7	0.050	0.77	1.8	88.3	4.33	1500	0.21	0.46	1.5	103.0	200
DG18-60		8.46	18.55	0.10	1.2	0.067	1.10	3.0	108.0	3.11	1180	0.51	1.45	2.6	65.1	380
DG18-61		1.71	21.9	0.06	2.2	0.010	1.82	6.9	49.1	0.56	375	0.08	3.45	2.2	5.3	210
DG18-62		1.97	20.1	0.05	2.2	0.013	2.03	5.6	33.5	0.80	375	0.28	2.76	2.0	12.2	230
DG18-63		8.28	15.55	0.07	0.9	0.053	0.24	2.0	26.5	4.36	1610	0.38	1.63	1.5	99.4	230



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		Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm
DG18-40		1.9	1.5	0.002	0.05	1.19	51.4	1	0.5	236	0.13	0.11	0.22	0.570	0.02	0.1
DG18-41		2.5	52.9	0.002	0.45	0.50	39.7	1	0.4	111.5	0.12	0.23	0.16	0.483	0.68	<0.1
DG18-42		3.2	23.9	0.002	0.48	1.04	47.2	1	0.4	226	0.11	0.07	0.24	0.508	0.18	0.1
DG18-43		3.3	23.5	<0.002	0.21	0.44	18.2	1	0.5	244	0.20	<0.05	2.61	0.310	0.23	0.7
DG18-44		2.9	65.4	0.002	1.62	0.64	53.1	4	0.7	298	0.15	0.84	0.25	0.646	0.84	0.1
DG18-45		6.6	42.1	<0.002	1.21	1.22	44.0	1	0.5	275	0.15	0.05	0.28	0.624	0.70	0.1
DG18-46		6.9	44.4	<0.002	0.05	0.48	2.2	<1	0.4	250	0.14	<0.05	2.09	0.094	0.43	0.9
DG18-47		11.6	87.0	<0.002	0.13	0.58	4.6	<1	0.5	182.0	0.15	<0.05	2.05	0.147	0.92	0.8
DG18-48		5.7	42.0	0.003	5.39	1.48	36.4	3	0.3	287	0.08	3.69	0.18	0.331	0.64	0.1
DG18-49		1.8	6.3	<0.002	0.10	0.94	42.0	<1	0.6	333	0.14	0.05	0.22	0.587	0.06	0.1
DG18-50		1.3	2.4	0.002	0.14	0.76	46.1	1	0.8	440	0.18	<0.05	0.26	0.704	0.03	0.1
DG18-51		18.6	57.9	<0.002	0.66	1.04	3.5	<1	0.4	295	0.12	0.07	1.93	0.097	0.49	0.8
DG18-52		9.3	54.1	<0.002	0.37	0.83	17.2	<1	0.5	428	0.22	0.06	1.19	0.474	0.52	0.6
DG18-53		14.0	64.9	<0.002	1.09	0.96	20.8	1	0.6	373	0.31	0.17	1.17	0.568	0.59	0.7
DG18-54		11.5	53.4	<0.002	0.03	0.34	1.9	<1	0.4	380	0.16	<0.05	2.02	0.086	0.33	1.2
DG18-55		11.2	115.0	<0.002	<0.01	1.40	5.4	<1	0.7	405	0.29	<0.05	6.38	0.207	0.80	1.3
DG18-56		8.3	26.1	<0.002	0.03	0.97	20.6	<1	0.8	492	0.23	<0.05	1.28	0.386	0.46	0.7
DG18-57		4.9	63.6	0.002	0.88	0.59	45.1	<1	0.4	310	0.13	0.09	0.18	0.496	0.76	0.1
DG18-58		1.6	110.5	0.002	1.14	0.73	33.8	1	0.4	154.0	0.09	0.57	0.14	0.373	1.32	<0.1
DG18-59		1.9	48.3	<0.002	0.61	1.06	39.3	1	0.4	121.5	0.09	0.09	0.16	0.422	0.52	<0.1
DG18-60		1.9	70.0	0.004	1.36	0.65	45.3	2	0.6	257	0.16	0.54	0.25	0.657	1.14	0.1
DG18-61		13.5	71.8	<0.002	0.04	0.61	2.3	<1	0.4	554	0.22	<0.05	2.23	0.107	0.54	1.1
DG18-62		13.5	75.2	<0.002	0.12	1.04	5.6	<1	0.4	439	0.17	<0.05	1.62	0.144	0.75	0.8
DG18-63		2.7	8.2	<0.002	0.12	0.75	38.9	1	0.4	240	0.10	0.09	0.16	0.408	0.09	<0.1



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CERTIFICATE OF ANALYSIS TB18280677

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		V ppm 1	W ppm 0.1	Y ppm 0.1	Zn ppm 2	Zr ppm 0.5
DG18-40		286	2.1	20.8	110	22.7
DG18-41		243	6.0	17.8	91	30.7
DG18-42		264	5.1	18.1	105	32.0
DG18-43		121	2.7	8.6	54	87.8
DG18-44		326	14.1	18.2	90	42.7
DG18-45		296	5.6	16.7	86	42.7
DG18-46		19	1.0	2.7	23	74.9
DG18-47		40	2.6	5.8	110	99.9
DG18-48		253	26.3	10.0	38	32.0
DG18-49		296	4.2	20.4	131	32.1
DG18-50		329	0.8	22.2	107	35.3
DG18-51		27	0.8	2.8	42	66.4
DG18-52		160	2.6	9.5	64	73.1
DG18-53		95	3.3	22.9	83	105.0
DG18-54		14	0.7	2.3	28	59.6
DG18-55		40	0.8	5.5	50	120.5
DG18-56		128	1.4	9.9	90	76.8
DG18-57		271	2.6	15.9	93	27.1
DG18-58		215	7.3	13.7	62	27.3
DG18-59		241	5.1	16.3	96	23.2
DG18-60		314	6.1	17.1	81	37.0
DG18-61		18	1.0	2.8	82	64.3
DG18-62		38	0.9	4.1	58	68.3
DG18-63		241	1.9	14.5	98	22.2



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CERTIFICATE OF ANALYSIS TB18280677

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
CRU-31 CRU-QC LOG-22 PUL-31
PUL-QC SPL-21 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-AA23 ME-MS61



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CERTIFICATE TB21190758

Project: Thundercloud
P.O. No.: DYNGOL
This report is for 19 samples of Rock submitted to our lab in Thunder Bay, ON,
Canada on 22-JUL-2021.

The following have access to data associated with this certificate:

IVY CHONG

ANDREW TIMS

PS WONG

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21190758

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %
		0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
H339151		3.35	0.55	7.84	3.3	190	1.17	0.03	6.78	0.14	8.50	53.0	206	10.75	150.5	9.51
H339152		2.05	1.09	8.17	6.9	120	1.32	0.19	6.46	0.17	7.75	58.3	189	7.21	161.0	7.56
H339153		0.93	1.22	8.65	4.1	180	1.21	0.10	4.34	0.38	7.02	51.5	229	10.85	198.5	9.90
H339154		0.63	0.13	7.67	16.5	410	1.04	0.10	1.81	0.04	22.4	6.0	45	8.30	11.5	1.54
H339155		2.93	8.81	7.51	34.3	550	1.18	0.25	3.02	0.06	7.16	67.3	213	10.20	297	8.43
H339156		2.91	1.05	7.34	6.4	250	0.94	0.22	6.38	0.12	7.35	57.2	174	12.90	176.5	10.40
H339157		3.04	0.20	7.73	3.9	300	0.77	0.04	5.05	0.12	11.25	37.9	103	4.52	69.2	8.30
H339158		1.47	0.77	7.14	6.9	340	0.61	0.17	4.35	0.10	12.85	33.9	56	11.90	90.1	9.57
H339159		1.03	0.29	7.48	6.1	360	0.88	0.13	4.40	0.17	11.55	29.2	111	13.80	80.3	5.61
H339160		1.66	0.53	6.69	3.8	200	1.35	0.16	6.40	0.15	8.99	45.9	177	5.48	93.0	7.59
H339161		2.40	0.97	7.84	4.6	290	1.38	0.28	7.03	0.14	9.88	50.5	176	8.22	165.0	8.55
H339162		0.97	0.56	7.32	1.9	250	0.80	0.10	4.49	0.14	10.45	29.0	125	9.68	75.4	5.36
H339163		1.01	2.67	7.21	4.9	60	1.15	0.55	5.95	0.16	7.34	61.1	135	4.79	478	10.95
H339164		1.31	0.71	7.08	24.9	140	0.90	0.32	1.45	0.03	12.40	3.8	27	14.85	19.9	1.51
H339165		1.41	0.49	7.50	7.8	20	0.38	0.22	7.09	0.16	6.88	58.3	149	2.27	147.5	9.40
H339166		1.83	0.45	7.71	2.8	20	0.27	0.20	7.05	0.13	6.37	55.3	148	1.72	146.0	9.57
H339167		0.63	0.63	5.46	6.8	190	1.07	0.20	6.94	0.13	13.10	3.2	10	10.80	63.3	2.55
H339168		0.83	0.15	7.21	30.4	610	1.38	0.15	1.26	<0.02	8.60	3.6	18	12.10	8.1	1.01
H339169		0.87	1.20	7.74	11.0	230	1.70	0.49	7.06	0.19	6.08	49.1	204	12.35	262	8.57



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CERTIFICATE OF ANALYSIS TB21190758

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
		ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
		0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
H339151		18.70	0.19	1.1	0.074	1.14	3.1	148.0	3.68	1420	0.33	0.84	2.5	113.5	320	3.2
H339152		19.00	0.20	1.2	0.070	0.59	3.1	71.1	3.25	1360	0.64	2.23	2.4	108.5	330	7.4
H339153		21.4	0.16	1.2	0.069	0.90	2.9	217	4.65	1240	0.47	1.39	2.7	121.0	380	4.8
H339154		19.35	0.23	2.2	0.014	1.31	10.3	86.0	0.88	257	0.85	3.10	1.5	18.8	320	9.0
H339155		21.5	0.22	1.7	0.066	2.05	2.8	92.7	1.77	598	1.13	1.13	1.9	102.5	290	11.1
H339156		16.65	0.15	1.3	0.059	1.15	2.7	82.1	4.53	1490	0.99	0.84	2.2	107.0	290	7.8
H339157		19.50	0.15	1.9	0.070	0.57	4.5	140.5	2.88	1350	0.72	1.85	2.8	59.5	370	4.3
H339158		19.50	0.16	2.6	0.091	1.05	4.9	143.5	2.97	1420	0.42	1.66	4.1	32.2	580	4.7
H339159		18.70	0.19	1.8	0.039	1.33	4.9	96.0	2.54	917	1.38	1.54	2.3	61.7	290	8.4
H339160		14.85	0.19	1.3	0.060	0.68	3.1	46.5	3.67	1400	0.41	1.15	2.1	93.9	270	4.9
H339161		18.40	0.19	1.3	0.063	0.95	3.9	97.6	3.86	1400	0.50	0.98	2.4	100.0	310	5.3
H339162		18.10	0.16	1.7	0.044	0.87	4.5	102.0	2.54	872	3.44	2.06	2.1	61.9	280	5.4
H339163		17.80	0.18	1.4	0.112	0.33	2.8	59.4	4.24	1520	1.58	1.26	1.7	93.7	270	4.3
H339164		17.00	0.20	2.0	0.010	0.99	6.0	65.7	0.90	235	0.59	3.49	1.1	8.3	200	8.3
H339165		17.05	0.16	1.0	0.066	0.15	2.6	62.5	4.56	1590	0.38	1.06	1.9	134.0	250	3.5
H339166		16.05	0.14	0.9	0.064	0.13	2.2	49.6	4.84	1620	0.23	1.51	1.8	120.5	250	2.6
H339167		14.35	0.13	1.2	0.010	0.77	6.3	60.4	4.40	2970	2.63	1.79	1.0	7.7	150	7.1
H339168		19.55	0.19	2.0	0.008	2.11	2.3	36.2	0.35	172	0.20	2.93	1.1	7.3	200	14.2
H339169		17.85	0.17	0.7	0.108	1.13	2.3	79.4	3.73	1890	0.59	1.66	2.0	100.5	250	6.5



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm
		0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1
H339151		50.9	0.002	0.89	0.72	44.9	1	0.5	274	0.15	0.23	0.24	0.591	0.69	0.1	287
H339152		16.4	0.002	2.08	0.95	43.9	2	0.5	373	0.16	0.63	0.22	0.624	0.32	0.1	305
H339153		25.7	0.002	2.08	0.82	47.7	2	0.5	292	0.16	0.79	0.23	0.675	0.52	0.1	313
H339154		53.7	<0.002	0.31	0.47	5.0	<1	0.5	293	0.12	0.11	2.26	0.117	0.42	0.8	38
H339155		88.0	<0.002	4.38	3.11	40.0	6	0.5	341	0.12	14.85	0.23	0.520	0.63	0.1	779
H339156		60.5	0.002	1.79	0.88	42.3	2	0.5	368	0.14	0.57	0.22	0.544	0.55	0.1	266
H339157		15.5	0.002	0.19	1.01	33.1	1	0.6	316	0.19	0.13	0.65	0.564	0.21	0.2	239
H339158		51.8	0.002	0.86	0.78	41.9	1	0.6	240	0.25	0.59	0.57	0.887	0.48	0.2	277
H339159		44.8	<0.002	0.78	0.97	21.8	1	0.5	302	0.16	0.12	0.95	0.365	0.62	0.4	154
H339160		33.4	0.002	0.47	0.77	39.2	1	0.5	361	0.13	0.33	0.28	0.508	0.25	0.1	240
H339161		52.3	<0.002	1.46	1.02	41.6	1	0.6	326	0.15	0.32	0.35	0.550	0.40	0.1	262
H339162		26.1	0.002	0.60	0.37	23.3	1	0.5	265	0.15	0.22	0.78	0.349	0.45	0.4	156
H339163		22.4	0.002	1.54	0.89	38.8	5	0.7	146.5	0.10	1.48	0.25	0.433	0.32	0.1	241
H339164		75.5	<0.002	0.77	0.62	2.9	1	0.5	206	0.09	0.49	1.74	0.070	0.72	0.9	41
H339165		5.9	0.002	0.26	1.66	44.8	1	0.4	149.5	0.12	0.25	0.20	0.479	0.12	0.1	255
H339166		3.3	0.002	0.29	1.10	43.3	1	0.4	126.0	0.12	0.21	0.17	0.525	0.07	0.1	266
H339167		50.2	<0.002	0.20	0.90	9.2	1	0.8	266	0.08	0.48	1.13	0.058	0.40	0.6	680
H339168		92.9	<0.002	0.18	0.92	2.6	<1	0.4	353	0.11	0.08	1.47	0.074	0.87	0.7	21
H339169		41.0	<0.002	0.45	1.51	44.4	1	0.9	288	0.11	0.15	0.15	0.515	0.75	0.1	308



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Sample Description	Method Analyte Units LOD	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Au-AA23 Au ppm 0.005
H339151		10.0	20.4	116	35.1	0.047
H339152		9.9	17.9	94	42.9	0.384
H339153		10.9	17.3	213	45.8	0.045
H339154		3.7	3.8	30	80.2	0.043
H339155		11.9	9.2	48	53.0	7.04
H339156		3.0	18.8	120	48.0	0.036
H339157		2.0	19.3	103	72.7	0.017
H339158		6.5	28.5	113	93.3	0.020
H339159		3.0	11.0	102	63.0	0.024
H339160		3.3	16.5	108	36.7	<0.005
H339161		16.8	19.8	111	42.1	0.024
H339162		3.0	10.3	91	61.0	0.012
H339163		19.5	15.6	87	34.8	0.150
H339164		3.5	3.3	23	70.5	0.144
H339165		1.1	19.6	104	28.2	0.029
H339166		1.2	17.8	100	28.8	0.009
H339167		6.9	15.4	81	42.6	0.059
H339168		2.1	2.4	27	70.9	<0.005
H339169		11.1	16.1	165	20.2	0.019



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CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REEs may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
CRU-31 CRU-QC LOG-21 PUL-31
PUL-QC SPL-21 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-AA23 ME-MS61



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To: DYNASTY GOLD CORP.
1613-610 GRANVILLE STREET
VANCOUVER BC V6C 3T3

Page: 1
Total # Pages: 2 (A - D)
Plus Appendix Pages
Finalized Date: 17-OCT-2021
Account: DYNGOL

CERTIFICATE TB21248246

Project: Thundercloud
P.O. No.: DYNGOL
This report is for 24 samples of Rock submitted to our lab in Thunder Bay, ON,
Canada on 16-SEP-2021.

The following have access to data associated with this certificate:

IVY CHONG

ANDREW TIMS

PS WONG

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TB21248246

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %
		0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
H339051		1.72	0.18	6.87	28.6	200	0.47	0.05	3.79	0.19	8.01	47.3	5	0.48	213	10.20
H339170		3.76	0.81	7.89	25.8	210	1.34	0.59	7.15	0.14	8.87	50.8	177	12.45	166.0	8.14
H339171		4.13	0.83	8.44	7.5	220	1.39	0.33	7.06	0.12	9.66	50.6	194	13.30	198.5	9.13
H339172		3.22	0.80	7.92	3.0	160	0.99	0.08	7.58	0.15	9.18	52.1	173	6.66	165.0	9.84
H339173		3.14	0.42	7.62	6.5	260	0.80	0.10	4.27	0.12	13.80	24.9	107	15.05	74.0	5.24
H339174		3.26	0.67	8.04	5.7	220	1.34	0.24	6.18	0.20	12.00	36.1	151	9.29	99.3	7.87
H339175		3.06	0.96	7.59	2.3	220	0.84	0.11	7.09	0.15	8.83	48.9	179	10.10	155.5	9.70
H339176		2.90	1.00	7.82	3.3	240	1.23	0.17	7.36	0.13	9.19	52.9	174	10.25	173.0	9.62
H339177		3.90	0.42	8.58	4.3	180	0.72	0.02	7.40	0.09	8.18	49.1	199	8.68	168.5	8.35
H339178		4.63	0.42	8.05	2.9	240	0.96	0.01	8.10	0.13	8.58	53.8	176	12.55	169.5	8.81
H339179		10.32	0.56	7.66	3.6	320	1.03	0.23	7.43	0.11	8.71	53.9	174	11.30	158.5	8.25
H339180		6.48	0.76	7.96	18.9	220	1.13	0.02	6.69	0.10	7.71	52.1	173	19.15	148.5	7.70
H339181		4.80	0.63	8.02	20.2	200	1.42	0.02	6.24	0.08	10.85	56.1	171	16.45	132.5	7.90
H339182		6.67	0.45	7.97	7.0	140	0.92	0.01	7.25	0.12	9.41	55.6	170	13.55	152.5	9.86
H339183		5.29	0.40	7.62	10.9	170	0.87	0.02	8.05	0.11	9.14	50.1	161	10.35	135.5	8.81
H339184		5.51	0.60	8.39	23.4	240	1.16	0.03	5.77	0.09	10.20	62.3	195	13.75	160.0	8.92
H339185		5.70	0.63	8.22	8.8	250	1.44	0.02	6.05	0.09	8.62	58.3	195	16.70	159.5	8.86
H339186		5.10	0.56	7.80	3.2	260	0.94	0.03	6.30	0.11	8.54	56.7	188	15.25	156.5	9.18
H339187		5.47	0.68	7.69	6.1	270	1.07	0.03	6.89	0.11	9.08	62.8	183	11.05	222	8.18
H339188		2.84	0.45	7.64	4.9	250	0.87	0.04	7.62	0.12	8.73	56.5	171	8.85	143.0	8.49
H339189		4.52	0.63	8.05	8.5	290	0.91	0.17	5.57	0.10	11.85	54.0	166	22.3	132.0	9.17
H339190		5.89	0.38	7.93	10.3	350	0.80	0.23	4.79	0.16	15.65	31.0	106	19.45	84.4	5.56
H339191		4.82	0.33	7.71	8.7	330	0.83	0.26	4.33	0.14	15.55	30.6	95	16.25	77.6	5.27
H339192		5.65	0.33	7.89	7.6	340	0.78	0.27	4.33	0.12	16.55	27.3	94	16.45	79.9	5.24



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To: DYNASTY GOLD CORP.
 1613-610 GRANVILLE STREET
 VANCOUVER BC V6C 3T3

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 Plus Appendix Pages
 Finalized Date: 17-OCT-2021
 Account: DYN GOL

Project: Thundercloud

CERTIFICATE OF ANALYSIS TB21248246

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
		ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
		0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
H339051		17.90	0.08	1.1	0.064	1.59	3.3	2.6	1.41	1320	0.25	2.95	1.3	38.2	320	1.6
H339170		18.55	0.08	1.2	0.072	1.24	3.5	140.0	2.87	1360	1.27	0.97	2.5	99.1	340	6.0
H339171		21.0	0.15	1.1	0.074	1.22	3.8	130.0	3.36	1400	1.04	1.17	2.9	121.5	360	5.4
H339172		18.00	0.09	1.3	0.070	0.79	3.4	96.3	4.23	1480	0.41	0.92	2.5	109.5	330	3.7
H339173		17.65	0.10	2.0	0.040	1.13	5.7	117.0	2.21	806	1.85	2.26	2.2	51.5	280	6.0
H339174		19.10	0.12	1.4	0.064	0.97	4.8	104.5	3.54	1340	1.80	1.50	2.5	76.6	320	6.2
H339175		17.15	0.09	1.3	0.067	1.12	3.3	103.5	4.04	1500	1.06	0.77	2.5	95.6	340	4.4
H339176		17.90	0.10	1.4	0.070	1.02	3.4	89.8	4.54	1560	1.42	0.83	2.8	106.0	350	4.8
H339177		17.90	0.10	1.2	0.068	0.90	3.0	100.0	2.86	1380	1.00	1.88	2.5	104.0	350	3.3
H339178		18.15	0.09	1.1	0.072	1.20	3.2	128.0	3.15	1560	0.44	0.99	2.5	121.5	330	3.4
H339179		18.25	0.09	1.3	0.064	1.11	3.1	104.5	3.14	1440	1.56	1.00	2.5	114.5	290	5.1
H339180		19.75	0.09	1.2	0.071	1.54	3.0	169.5	2.97	1310	1.46	0.94	2.7	108.0	280	4.2
H339181		19.15	0.08	1.5	0.062	1.15	4.3	134.0	3.44	1350	0.73	1.29	2.5	97.3	330	4.6
H339182		19.80	0.08	1.5	0.070	0.95	3.3	145.0	4.18	1400	1.04	0.95	2.8	117.5	320	2.6
H339183		16.50	0.06	1.3	0.058	0.82	3.5	115.5	3.63	1540	1.32	1.20	2.3	98.2	310	3.1
H339184		20.5	0.06	1.3	0.070	1.17	3.7	154.0	3.32	1400	0.84	1.54	2.7	117.5	330	4.7
H339185		19.75	0.10	1.1	0.075	1.22	3.1	135.5	3.18	1320	1.01	1.34	2.7	124.0	340	4.7
H339186		18.20	0.11	1.1	0.071	1.30	3.1	128.0	3.24	1280	0.82	1.03	2.6	117.0	330	4.7
H339187		17.50	0.11	1.0	0.068	1.06	3.1	107.5	3.11	1440	0.31	1.06	2.3	109.5	310	4.4
H339188		15.90	0.09	1.2	0.066	0.83	3.0	83.4	3.69	1630	1.58	1.07	2.3	102.5	300	4.8
H339189		18.50	0.11	1.6	0.065	1.40	4.5	146.0	4.50	1320	1.50	1.05	2.5	103.5	340	5.4
H339190		19.15	0.12	2.0	0.043	1.40	6.7	132.5	2.34	881	2.45	1.95	2.4	59.0	310	7.4
H339191		18.55	0.13	2.1	0.041	1.35	6.6	120.5	2.23	850	4.39	2.02	2.4	55.2	320	7.4
H339192		19.25	0.15	2.1	0.043	1.38	6.7	135.0	2.17	835	4.46	2.20	2.5	54.9	340	7.3



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To: DYNASTY GOLD CORP.
 1613-610 GRANVILLE STREET
 VANCOUVER BC V6C 3T3

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 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 17-OCT-2021
 Account: DYN GOL

Project: Thundercloud

CERTIFICATE OF ANALYSIS TB21248246

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm
		0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1
H339051		31.7	<0.002	0.11	0.27	39.8	1	0.5	86.0	0.10	0.06	0.39	0.435	0.11	0.1	590
H339170		72.2	<0.002	2.70	1.13	43.1	2	1.2	326	0.17	0.47	0.28	0.577	0.67	0.1	288
H339171		74.0	<0.002	1.82	0.97	47.0	2	1.0	311	0.18	0.32	0.32	0.616	0.71	0.1	302
H339172		43.1	0.002	0.96	0.79	43.0	1	0.8	274	0.16	0.42	0.28	0.593	0.34	0.1	272
H339173		57.8	<0.002	1.17	0.52	20.7	1	0.6	257	0.16	0.16	1.05	0.324	0.57	0.4	135
H339174		51.0	<0.002	1.07	0.78	35.6	1	1.5	331	0.17	0.28	0.68	0.492	0.45	0.3	237
H339175		64.6	<0.002	1.16	0.80	43.0	1	1.0	262	0.16	0.44	0.27	0.598	0.47	0.1	277
H339176		52.5	0.002	1.36	0.82	43.5	1	0.7	296	0.17	0.43	0.28	0.594	0.50	0.1	281
H339177		45.5	<0.002	0.58	0.98	43.5	1	2.1	291	0.17	0.18	0.26	0.630	0.42	0.1	295
H339178		59.1	0.002	0.70	0.91	43.2	1	3.0	308	0.16	0.08	0.28	0.586	0.56	0.1	281
H339179		63.1	0.002	1.24	0.94	40.8	1	2.3	320	0.16	0.19	0.30	0.560	0.56	0.1	262
H339180		86.2	0.002	1.72	1.29	43.0	2	1.1	307	0.17	0.58	0.30	0.577	0.88	0.1	283
H339181		69.6	<0.002	1.85	1.34	41.3	2	2.0	363	0.16	0.52	0.56	0.558	0.71	0.1	270
H339182		56.2	0.002	0.86	1.35	43.5	1	1.1	243	0.17	0.10	0.31	0.575	0.51	0.1	270
H339183		43.1	<0.002	1.24	1.40	36.0	1	1.3	266	0.15	0.10	0.40	0.534	0.42	0.1	249
H339184		65.2	0.002	1.56	1.36	43.8	1	2.0	310	0.18	0.23	0.44	0.608	0.59	0.1	292
H339185		68.6	0.002	1.88	1.17	45.4	1	1.4	332	0.17	0.31	0.33	0.612	0.66	0.1	290
H339186		50.4	0.002	1.18	0.75	41.5	1	1.3	305	0.18	0.32	0.28	0.574	0.69	0.1	277
H339187		54.6	<0.002	0.93	1.10	41.0	1	3.0	318	0.16	0.19	0.31	0.551	0.48	0.1	261
H339188		41.3	0.002	0.68	1.10	38.3	1	2.4	318	0.15	0.20	0.34	0.545	0.36	0.1	248
H339189		66.0	0.002	0.90	1.30	38.7	1	1.7	309	0.17	0.31	0.51	0.534	0.62	0.2	254
H339190		69.7	<0.002	0.86	1.02	23.9	1	1.0	270	0.17	0.22	1.17	0.363	0.61	0.5	153
H339191		62.7	<0.002	0.72	0.92	22.1	1	1.1	262	0.19	0.13	1.24	0.347	0.60	0.5	143
H339192		61.5	<0.002	0.68	0.91	21.3	1	0.7	269	0.18	0.09	1.30	0.348	0.58	0.5	140



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 Finalized Date: 17-OCT-2021
 Account: DYNGOL

Project: Thundercloud

CERTIFICATE OF ANALYSIS TB21248246

Sample Description	Method Analyte Units LOD	ME-MS61 W ppm	ME-MS61 Y ppm	ME-MS61 Zn ppm	ME-MS61 Zr ppm	Au-AA23 Au ppm
		0.1	0.1	2	0.5	0.005
H339051		7.7	5.2	68	39.5	<0.005
H339170		15.4	20.6	99	34.4	0.663
H339171		10.6	20.8	118	35.4	0.037
H339172		5.7	21.6	105	42.7	0.031
H339173		9.7	10.3	83	65.1	0.070
H339174		11.2	17.8	114	59.7	0.104
H339175		8.7	21.8	113	45.5	0.026
H339176		14.3	21.2	113	40.4	0.019
H339177		6.6	19.8	112	37.2	0.063
H339178		5.0	20.4	118	34.8	0.016
H339179		10.5	20.7	101	42.0	0.024
H339180		9.6	18.9	104	34.7	0.417
H339181		18.4	17.8	79	43.4	0.371
H339182		12.0	21.1	109	49.2	0.030
H339183		14.7	18.3	99	41.2	0.043
H339184		20.8	20.0	107	41.0	0.069
H339185		19.5	21.5	105	38.7	0.116
H339186		8.3	20.2	105	37.7	0.025
H339187		9.1	17.9	96	30.5	0.052
H339188		7.6	17.1	105	42.2	0.021
H339189		13.4	19.5	112	54.7	0.031
H339190		4.6	11.8	96	67.6	0.145
H339191		4.8	11.5	88	68.2	0.054
H339192		5.1	11.3	88	73.1	0.021



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CERTIFICATE OF ANALYSIS TB21248246

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REEs may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
CRU-31 CRU-QC LOG-21 PUL-31
PUL-QC SPL-21 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-AA23 ME-MS61

ThunderCloud Trench Assays

Sample ID	Trench #	Grab or Channel	Channel Length (m)	UTME NAD83	UTMN Zn15	Rock Name	Sample Description	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm
H339001	1	Channel 7	1	534512	5470589	Conglomerate	black weathered surface w dark grey fresh surface, massive, matrix supported, fine-grained matrix composed 20-30% VFG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py, late mm-scale cross-cutting fracture with a halo of recrystallized MG biotite	0.047	0.58	8.48	3.7	140	1.07	0.15	6.9	0.41	9	55.3	182	14.5	160	9.13	19.4	0.07	1.4	0.073
H339002	1	Channel 7	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, 1-2% possible FG irregular pale pink garnets, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py, trace epidote along fractures,	0.089	0.53	8.15	2.1	130	0.95	0.13	6.07	0.46	7.85	51.9	189	17.3	160	9.64	18.7	0.07	1.4	0.07
H339003	1	Channel 7	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, tr-1% rounded Qtz "eye" 2-3 mm in diameter, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py	0.383	0.88	8.51	5.5	80	1.05	0.19	6.48	0.2	8.95	56	188	11.2	164.5	8.09	17.9	0.06	1.4	0.073
H339004	1	Channel 7	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py	0.03	0.31	8.26	6.7	390	0.93	0.32	4.37	0.14	15.05	31.3	105	17.25	83.6	5.58	20.4	0.09	2.1	0.044

ThunderCloud Trench Assays

Sample ID	Trench #	Grab or Channel	Channel Length (m)	UTME NAD83	UTMN Zn15	Rock Name	Sample Description	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm
H339005	1	Channel 7	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py	1.655	1.9	8.05	22.2	280	1.13	0.08	4.35	0.13	13.6	38.8	125	14.9	109.5	8.44	20.6	0.08	2.1	0.073
H339006	1	Channel 7	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py, trace Cb along fractures	0.069	0.45	7.96	4.5	310	1.12	0.18	5.46	0.14	13.65	38.6	128	11.3	81.3	7.61	19.3	0.07	1.9	0.061
H339007	1	Channel 7	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py	0.185	0.6	8.11	7.1	350	1.11	0.16	4.93	0.13	13.75	42.9	128	10.6	108	8.18	19.75	0.08	2.2	0.069
H339008	1	Channel 7	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py	0.045	1.15	7.89	3	320	1.02	0.22	5.19	0.14	13.35	46.3	78	10.95	138	9.7	20.6	0.06	2.1	0.076

ThunderCloud Trench Assays

Sample ID	Trench #	Grab or Channel	Channel Length (m)	UTME NAD83	UTMN Zn15	Rock Name	Sample Description	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm
H339009	1	Channel 7	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py	0.088	0.54	8.22	4.1	340	1.06	0.11	4.72	0.12	14.95	38.6	128	12.85	98.9	7.9	20.6	0.08	2.2	0.062
H339010	1	Channel 7	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 1-2% fine to medium-grained disseminated Py	0.358	1.01	8.09	13.3	330	1.11	0.15	5.31	0.16	14.2	37.4	123	11.05	90	7.67	21	0.09	2	0.062
H339012	1	Channel 7	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py	0.109	0.52	8.16	7.8	260	1.24	0.14	5.44	0.13	13.85	40.3	129	13.2	86.1	8.41	19.85	0.08	1.8	0.064
H339013	1	Channel 7	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py	3.9	3.44	7.64	38.4	290	1.29	0.14	4.03	0.11	13.1	41.1	132	13.6	111.5	7.4	20.1	0.09	1.9	0.062

ThunderCloud Trench Assays

Sample ID	Trench #	Grab or Channel	Channel Length (m)	UTME NAD83	UTMN Zn15	Rock Name	Sample Description	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm
H339014	1	Channel 7	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py, trace fracture controlled Cb	0.824	0.98	8.01	31.8	310	1.24	0.07	4.18	0.1	13.85	34.8	133	14.8	70.3	7.06	20.3	0.07	1.9	0.055
H339015	1	Channel 7	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, tr-1% rounded Qtz "eye" 2-3 mm in diameter, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py, trace epidote along fractures	2.99	2.76	7.75	32.8	310	1.25	0.09	3.42	0.11	12.05	39.2	142	12.55	134	7.57	20.3	0.09	2.1	0.056
H339016	1	Channel 7	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py	1.265	1.47	8.1	19.4	300	1.23	0.05	3.76	0.12	15	35.1	143	16.1	102	6.85	20.7	0.09	2.2	0.062
H339017	1	Channel 7	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py	2.13	2.06	8.2	29.9	380	1.34	0.08	3.85	0.1	11.95	38.5	180	16.9	117	6.89	20.3	0.07	1.8	0.052

ThunderCloud Trench Assays

Sample ID	Trench #	Grab or Channel	Channel Length (m)	UTME NAD83	UTMN Zn15	Rock Name	Sample Description	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm
H339018	1	Channel 7	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py	2.03	1.72	8.08	14.4	320	1.35	0.08	3.03	0.08	8.05	43.1	192	16.5	123	6.92	19.75	0.08	1.7	0.054
H339019	1	Channel 7	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py	0.834	0.9	7.64	34.7	340	1.18	0.11	3.48	0.12	10.15	27	120	14.7	70.8	5.67	19.85	0.08	1.9	0.047
H339020	1	Channel 7	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by rounded QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py	0.048	0.45	8.2	10.8	330	1.14	0.14	4.84	0.17	13.25	34.3	133	12.9	95.8	5.81	21.8	0.09	2	0.045
H339021	1	Channel 7	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py	0.066	0.47	7.95	6.1	330	1.02	0.18	4.16	0.11	12.75	32.7	123	15.3	89.3	5.78	21	0.09	2.1	0.043

ThunderCloud Trench Assays

Sample ID	Trench #	Grab or Channel	Channel Length (m)	UTME NAD83	UTMN Zn15	Rock Name	Sample Description	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm
H339022	1	Channel 7	2			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py	0.054	0.31	8.07	3.2	300	1.31	0.1	4.55	0.14	12.1	35.1	161	13.3	86.4	6.5	20.1	0.09	1.9	0.049
H339023	1	Channel 7	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by rounded QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py	0.074	0.31	8.64	2.8	260	1.85	0.15	5.65	0.11	11.75	41.4	183	15.15	107	7.8	20.6	0.1	1.7	0.061
H339024	1	Channel 7	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, tr-1% rounded Qtz "eye" 2-3 mm in diameter, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by rounded QFP with minor angular siltstone and rounded fine-grained granite pebbles, 4-5% fine to medium-grained disseminated Py	0.067	0.49	8.04	3	290	1.48	0.16	4.56	0.11	9.94	40.8	164	18.05	99.8	7.76	19.55	0.1	1.8	0.05
H339025	1	Channel 7	1	534505	5470626	Conglomerate	patchy rusty weathered surface, black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, matrix is host to 15-20% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 4-5% fine to medium-grained disseminated Py	1.755	1.43	8.13	21.2	320	1.25	0.08	3.99	0.09	11.95	39.5	136	14	117.5	7.86	22.2	0.1	2.1	0.061

ThunderCloud Trench Assays

Sample ID	Trench #	Grab or Channel	Channel Length (m)	UTME NAD83	UTMN Zn15	Rock Name	Sample Description	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm
H339051	Boulder	Grab		534464	5470190	Felsic Volcanic	rusty-red weathered surface from moderate pervasive ankerite, grey fresh surface with a 2 cm rusty-red weathered rind, equigranular, 10-15% quartz, 50-60% feldspar, 5-8 % fine-grained disseminated Py, 30-35% very fine-grained groundmass	-0.005	0.18	6.87	28.6	200	0.47	0.05	3.79	0.19	8.01	47.3	5	0.48	213	10.2	17.9	0.08	1.1	0.064
H339151	1	Grab		534494	5470583	Conglomerate	Patchy rusty weathered surface, black to dark grey, massive, matrix supported, fine-grained matrix with 20-30% FG biotite, 10-15% quartz, separate population of trace rounded quartz grains 2-3 mm in diameter, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 20-25% pebbles dominated by rounded QFP with minor angular siltstone and rounded fine-grained granite pebbles, 3-4% fine-grained disseminated Py with rare medium-grained Py aggregates (nodule?)	0.047	0.55	7.84	3.3	190	1.17	0.03	6.78	0.14	8.5	53	206	10.75	150.5	9.51	18.7	0.19	1.1	0.074
H339152	1	Grab		534501	5470602	Siltstone	Very FG matrix of quartz and feldspar (~50%) with fine biotite throughout, massive, trace VFG disseminated Py and has homogenous beds with bedding rarely observed	0.384	1.09	8.17	6.9	120	1.32	0.19	6.46	0.17	7.75	58.3	189	7.21	161	7.56	19	0.2	1.2	0.07
H339153	1	Grab		534502	5470599	Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, tr-1% rounded Qtz "eye" 2-3 mm in diameter, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py	0.045	1.22	8.65	4.1	180	1.21	0.1	4.34	0.38	7.02	51.5	229	10.85	198.5	9.9	21.4	0.16	1.2	0.069
H339154	1	Grab		534513	5470599	Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, tr-1% rounded Qtz "eye" 2-3 mm in diameter, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py	0.043	0.13	7.67	16.5	410	1.04	0.1	1.81	0.04	22.4	6	45	8.3	11.5	1.54	19.35	0.23	2.2	0.014

ThunderCloud Trench Assays

Sample ID	Trench #	Grab or Channel	Channel Length (m)	UTME NAD83	UTMN Zn15	Rock Name	Sample Description	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm
H339155	1	Grab		534517	5470592	Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 3-4% fine-grained disseminated Py, weakly silicified	7.04	8.81	7.51	34.3	550	1.18	0.25	3.02	0.06	7.16	67.3	213	10.2	297	8.43	21.5	0.22	1.7	0.066
H339156	1	Grab		534516	5470584	Quartz Feldspar	Light pink to grey WS, pale pink fresh surface, fine to medium-grained, weak chill margin, massive, 30-40% euhedral plagioclase, 10-15% k-spar feldspar, 5-10% quartz, 1-2% hornblende, trace biotite, 1-2% FG disseminated Py, contacts with the sediments are between N20-40° E	0.036	1.05	7.34	6.4	250	0.94	0.22	6.38	0.12	7.35	57.2	174	12.9	176.5	10.4	16.65	0.15	1.3	0.059
H339157	1	Grab		534528	5470573	Quartz Feldspar	Light pink to grey WS, pale pink fresh surface, fine to medium-grained, weak chill margin, massive, 30-40% euhedral plagioclase, 10-15% k-spar feldspar, 5-10% quartz, 1-2% hornblende, trace biotite, 1-2% FG disseminated Py, contacts with the sediments are between N20-40° E	0.017	0.2	7.73	3.9	300	0.77	0.04	5.05	0.12	11.25	37.9	103	4.52	69.2	8.3	19.5	0.15	1.9	0.07
H339158	1	Grab		534528	5470571	Conglomerate	black to dark grey, massive, matrix supported, matrix is host to 12-25% pebbles dominated by QFP, 2-3% fine grained disseminated Py	0.02	0.77	7.14	6.9	340	0.61	0.17	4.35	0.1	12.85	33.9	56	11.9	90.1	9.57	19.5	0.16	2.6	0.091
H339159	1	Grab		534507	5470581	Conglomerate	black to dark grey, massive, matrix supported, matrix is host to 12-25% pebbles dominated by QFP and rounded fine-grained granite pebbles, 3-4% fine-grained disseminated Py, weakly silicified	0.024	0.29	7.48	6.1	360	0.88	0.13	4.4	0.17	11.55	29.2	111	13.8	80.3	5.61	18.7	0.19	1.8	0.039
H339160	1	Grab		534503	5470578	Siltstone	Very FG matrix of quartz and feldspar (~50%) with fine biotite throughout, massive, trace VFG disseminated Py and has homogenous beds with bedding rarely observed	-0.005	0.53	6.69	3.8	200	1.35	0.16	6.4	0.15	8.99	45.9	177	5.48	93	7.59	14.85	0.19	1.3	0.06
H339161	1	Grab		534496	5470578	Siltstone	Very FG matrix of quartz and feldspar (~50%) with fine biotite throughout, massive, trace VFG disseminated Py and has homogenous beds with bedding rarely observed	0.024	0.97	7.84	4.6	290	1.38	0.28	7.03	0.14	9.88	50.5	176	8.22	165	8.55	18.4	0.19	1.3	0.063

ThunderCloud Trench Assays

Sample ID	Trench #	Grab or Channel	Channel Length (m)	UTME NAD83	UTMN Zn15	Rock Name	Sample Description	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm
H339162	1	Grab		534492	5470577	Conglomerate	Patchy rusty weathered surface, black to dark grey, massive, matrix supported, fine-grained matrix with 20-30% FG biotite, 10-15% quartz, separate population of trace rounded quartz grains 2-3 mm in diameter, 2-3% mm-scale chloritic angular mafic fragments, matrix is host to 20-25% pebbles dominated by rounded QFP with minor angular siltstone and rounded fine-grained granite pebbles, 3-4% fine-grained disseminated Py with rare medium-grained Py aggregates (nodule?)	0.012	0.56	7.32	1.9	250	0.8	0.1	4.49	0.14	10.45	29	125	9.68	75.4	5.36	18.1	0.16	1.7	0.044
H339163	2	Grab		534435	5470157	Mafic Volcanic	Dark green to black, FG groundmass of chlorite and biotite with trace amphibole, weak pervasive silica overprint, weakly foliated, 2-3% fine cubic Py, trace discontinuous Py veinlets, weak pervasive Cb th-o	0.15	2.67	7.21	4.9	60	1.15	0.55	5.95	0.16	7.34	61.1	135	4.79	478	10.95	17.8	0.18	1.4	0.112
H339164	2	Grab		534433	5470159	Quartz Feldspar	Light grey WS, pale pink fresh surface, fine-grained, grain-size variable with weak chill margin, 40-55% feldspar, 5-10% quartz, trace biotite, trace VFG disseminated Py, contacts with the sediments are between N20-40° E	0.144	0.71	7.08	24.9	140	0.9	0.32	1.45	0.03	12.4	3.8	27	14.85	19.9	1.51	17	0.2	2	0.01
H339165	2	Grab		534449	5470169	Mafic Volcanic	Dark green to black, FG groundmass of chlorite and biotite with trace amphibole, weak pervasive silica overprint, weakly foliated, trace fine cubic Py, weak pervasive Cb th-o	0.029	0.49	7.5	7.8	20	0.38	0.22	7.09	0.16	6.88	58.3	149	2.27	147.5	9.4	17.05	0.16	1	0.066
H339166	2	Grab		534454	5470176	Mafic Volcanic	Dark green to black, FG groundmass of chlorite and biotite with trace amphibole, weak pervasive silica overprint, weakly foliated, trace fine cubic Py, weak pervasive Cb th-o	0.009	0.45	7.71	2.8	20	0.27	0.2	7.05	0.13	6.37	55.3	148	1.72	146	9.57	16.05	0.14	0.9	0.064
H339167	2	Grab		534463	5470199	Quartz Feldspar	Light pink to grey WS, pale pink fresh surface, fine to medium-grained, weak chill margin, massive, 30-40% euhedral plagioclase, 10-15% k-spar feldspar, 5-10% quartz, 1-2% hornblende, trace biotite, trace FG disseminated Py	0.059	0.63	5.46	6.8	190	1.07	0.2	6.94	0.13	13.1	3.2	10	10.8	63.3	2.55	14.35	0.13	1.2	0.01

ThunderCloud Trench Assays

Sample ID	Trench #	Grab or Channel	Channel Length (m)	UTME NAD83	UTMN Zn15	Rock Name	Sample Description	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm
H339168	2	Grab		534464	5470201	Quartz Feldspar	Light pink to grey WS, pale pink fresh surface, fine to medium-grained, weak chill margin, massive, 30-40% euhedral plagioclase, 10-15% k-spar feldspar, 5-10% quartz, 1-2% hornblende, trace biotite, trace FG disseminated Py	-0.005	0.15	7.21	30.4	610	1.38	0.15	1.26	-0.02	8.6	3.6	18	12.1	8.1	1.01	19.55	0.19	2	0.008
H339169	2	Grab		534463	5470197	Siltstone	Very FG matrix of quartz and feldspar (~50%) with fine biotite and chlorite throughout, massive, trace VFG disseminated Py	0.019	1.2	7.74	11	230	1.7	0.49	7.06	0.19	6.08	49.1	204	12.35	262	8.57	17.85	0.17	0.7	0.108
H339170	1	Channel 1	1	543496	5470578	Siltstone	Very FG matrix of quartz and feldspar (~50%) with fine biotite and chlorite throughout, massive, trace VFG disseminated Py and has homogenous beds with bedding rarely observed	0.663	0.81	7.89	25.8	210	1.34	0.59	7.15	0.14	8.87	50.8	177	12.45	166	8.14	18.55	0.08	1.2	0.072
H339171	1	Channel 1	1			Siltstone	Very FG matrix of quartz and feldspar (~50%) with fine biotite and chlorite, throughout, massive, trace VFG disseminated Py, and has homogenous beds with bedding rarely observed, rare pebbles of porphyry present	0.037	0.83	8.44	7.5	220	1.39	0.33	7.06	0.12	9.66	50.6	194	13.3	198.5	9.13	21	0.15	1.1	0.074
H339172	1	Channel 1	0.75			Siltstone	Very FG matrix of quartz and feldspar (~50%) with fine biotite throughout, massive, trace VFG disseminated Py and has homogenous beds with bedding rarely observed	0.031	0.8	7.92	3	160	0.99	0.08	7.58	0.15	9.18	52.1	173	6.66	165	9.84	18	0.09	1.3	0.07
H339173	1	Channel 1	1			Conglomerate	black to dark grey with patchy rust staining, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 35-45% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py	0.07	0.42	7.62	6.5	260	0.8	0.1	4.27	0.12	13.8	24.9	107	15.05	74	5.24	17.65	0.1	2	0.04

ThunderCloud Trench Assays

Sample ID	Trench #	Grab or Channel	Channel Length (m)	UTME NAD83	UTMN Zn15	Rock Name	Sample Description	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm
H339174	1	Channel 1	1			Conglomerate	black to dark grey with patchy rust staining, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 35-45% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py	0.104	0.67	8.04	5.7	220	1.34	0.24	6.18	0.2	12	36.1	151	9.29	99.3	7.87	19.1	0.12	1.4	0.064
H339175	1	Channel 1	1			Conglomerate	black to dark grey with patchy rust staining, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py	0.026	0.96	7.59	2.3	220	0.84	0.11	7.09	0.15	8.83	48.9	179	10.1	155.5	9.7	17.15	0.09	1.3	0.067
H339176	1	Channel 1	1			Conglomerate	black to dark grey with patchy rust staining, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 35-45% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py	0.019	1	7.82	3.3	240	1.23	0.17	7.36	0.13	9.19	52.9	174	10.25	173	9.62	17.9	0.1	1.4	0.07
H339177	1	Channel 1	1	543494	5470584	Conglomerate	black to dark grey with patchy rust staining, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py	0.063	0.42	8.58	4.3	180	0.72	0.02	7.4	0.09	8.18	49.1	199	8.68	168.5	8.35	17.9	0.1	1.2	0.068

ThunderCloud Trench Assays

Sample ID	Trench #	Grab or Channel	Channel Length (m)	UTME NAD83	UTMN Zn15	Rock Name	Sample Description	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm
H339178	1	Channel 2	1	543503	5470578	Siltstone	Very FG matrix of quartz and feldspar (~50%) with fine biotite and chloite, throughout, massive, trace VFG disseminated Py, and has homogenous beds with bedding rarely observed, rare pebbles of porphyry present	0.016	0.42	8.05	2.9	240	0.96	0.01	8.1	0.13	8.58	53.8	176	12.55	169.5	8.81	18.15	0.09	1.1	0.072
H339179	1	Channel 2	1			Siltstone	Very FG matrix of quartz and feldspar (~50%) with fine biotite and chloite, throughout, massive, trace VFG disseminated Py, and has homogenous beds with bedding rarely observed, rare pebbles of porphyry present	0.024	0.56	7.66	3.6	320	1.03	0.23	7.43	0.11	8.71	53.9	174	11.3	158.5	8.25	18.25	0.09	1.3	0.064
H339180	1	Channel 2	1			Siltstone	Very FG matrix of quartz and feldspar (~50%) with fine biotite and chloite, throughout, massive, trace VFG disseminated Py, and has homogenous beds with bedding rarely observed, rare pebbles of porphyry present	0.417	0.76	7.96	18.9	220	1.13	0.02	6.69	0.1	7.71	52.1	173	19.15	148.5	7.7	19.75	0.09	1.2	0.071
H339181	1	Channel 2	1			Siltstone	Very FG matrix of quartz and feldspar (~50%) with fine biotite and chloite, throughout, massive, trace VFG disseminated Py, and has homogenous beds with bedding rarely observed, rare pebbles of porphyry present	0.371	0.63	8.02	20.2	200	1.42	0.02	6.24	0.08	10.85	56.1	171	16.45	132.5	7.9	19.15	0.08	1.5	0.062
H339182	1	Channel 3	1	543501	5470597	Conglomerate	black weathered WS w dark grey FS, massive, matrix supported, fine-grained matrix composed 20-30% VFG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 35-45% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 1/2-1% fine-grained disseminated Py, late mm-scale cross-cutting fracture with a halo of recrystallized MG biotite	0.03	0.45	7.97	7	140	0.92	0.01	7.25	0.12	9.41	55.6	170	13.55	152.5	9.86	19.8	0.08	1.5	0.07

ThunderCloud Trench Assays

Sample ID	Trench #	Grab or Channel	Channel Length (m)	UTME NAD83	UTMN Zn15	Rock Name	Sample Description	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm
H339183	1	Channel 3	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 35-45% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 1-2% fine-grained disseminated Py, trace Cb along fractures	0.043	0.4	7.62	10.9	170	0.87	0.02	8.05	0.11	9.14	50.1	161	10.35	135.5	8.81	16.5	0.06	1.3	0.058
H339184	1	Channel 3	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, matrix is host to 35-45% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py, trace EP and CB along fractures,	0.069	0.6	8.39	23.4	240	1.16	0.03	5.77	0.09	10.2	62.3	195	13.75	160	8.92	20.5	0.06	1.3	0.07
H339185	1	Channel 3	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, matrix is host to 35-45% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py, trace EP and CB along fractures,	0.116	0.63	8.22	8.8	250	1.44	0.02	6.05	0.09	8.62	58.3	195	16.7	159.5	8.86	19.75	0.1	1.1	0.075
H339186	1	Channel 3	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, matrix is host to 35-45% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py, trace EP and CB along fractures,	0.025	0.56	7.8	3.2	260	0.94	0.03	6.3	0.11	8.54	56.7	188	15.25	156.5	9.18	18.2	0.11	1.1	0.071

ThunderCloud Trench Assays

Sample ID	Trench #	Grab or Channel	Channel Length (m)	UTME NAD83	UTMN Zn15	Rock Name	Sample Description	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm
H339187	1	Channel 3	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py, trace EP and CB along fractures,	0.052	0.68	7.69	6.1	270	1.07	0.03	6.89	0.11	9.08	62.8	183	11.05	222	8.18	17.5	0.11	1	0.068
H339188	1	Channel 3	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, matrix is host to 35-45% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py, trace EP and CB along fractures,	0.021	0.45	7.64	4.9	250	0.87	0.04	7.62	0.12	8.73	56.5	171	8.85	143	8.49	15.9	0.09	1.2	0.066
H339189	1	Channel 3	1	534508	5470584	Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, matrix is host to 35-45% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py, trace EP and CB along fractures,	0.031	0.63	8.05	8.5	290	0.91	0.17	5.57	0.1	11.85	54	166	22.3	132	9.17	18.5	0.11	1.6	0.065
H339190	1	Channel 4	1	534509	5470586	Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py, trace EP and CB along fractures,	0.145	0.38	7.93	10.3	350	0.8	0.23	4.79	0.16	15.65	31	106	19.45	84.4	5.56	19.15	0.12	2	0.043

ThunderCloud Trench Assays

Sample ID	Trench #	Grab or Channel	Channel Length (m)	UTME NAD83	UTMN Zn15	Rock Name	Sample Description	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm
H339191	1	Channel 4	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py, trace EP and CB along fractures,	0.054	0.33	7.71	8.7	330	0.83	0.26	4.33	0.14	15.55	30.6	95	16.25	77.6	5.27	18.55	0.13	2.1	0.041
H339192	1	Channel 4	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py, trace EP and CB along fractures,	0.021	0.33	7.89	7.6	340	0.78	0.27	4.33	0.12	16.55	27.3	94	16.45	79.9	5.24	19.25	0.15	2.1	0.043
H339193	1	Channel 4	1	534513	5470598	Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py, trace EP and CB along fractures,	0.023	0.38	8.01	5.9	340	0.95	0.18	4.95	0.14	13.65	36	120	14.35	93.5	6	20.2	0.09	1.9	0.047
H339194	1	Channel 5	1	534511	5470586	Conglomerate	Similar conglomerate exhibiting moderate silicification adjacent to QFP	0.019	0.3	7.88	3.5	470	1.03	0.2	4.75	0.12	36	32.5	135	12.75	58.2	5.91	20.7	0.11	2.9	0.046
H339195	1	Channel 6	1	534512	5470589	Intermediate Int	beige to tan WS, medium grey FS, massive, FG groundmass, 55-60% kspar, 10-15% quartz, trace biotite, remaining groundmass is aphanitic, no noticeable chill margin, trace to nil Py, west trending early dyke, dips 15° to south, cut by QFP body	0.018	0.22	7.59	2.3	500	1.19	0.23	5.3	0.14	48	38.1	139	9.02	59.7	6.15	21.4	0.13	3.2	0.049
H339196	1	Channel 6	1.4			Intermediate Int	Similar	0.017	0.32	8.12	3.6	340	0.92	0.12	5.74	0.15	12.5	49.4	123	12.85	101	6.81	19.85	0.08	1.8	0.05

ThunderCloud Trench Assays

Sample ID	Trench #	Grab or Channel	Channel Length (m)	UTME NAD83	UTMN Zn15	Rock Name	Sample Description	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm
H339197	1	Channel 6	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py	0.017	0.29	8.1	3.9	360	0.82	0.08	5.58	0.13	12.85	42.5	133	12	82.3	6.7	19.2	0.1	1.8	0.051
H339198	1	Channel 6	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py	0.025	0.27	8.44	3.8	290	0.8	0.06	7.55	0.14	8.31	50.7	195	5.87	103.5	8.41	18.4	0.08	1.5	0.069
H339199	1	Channel 6	1			Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py	0.05	0.26	8.19	4.2	300	0.8	0.08	7.8	0.15	8.56	58.1	183	4.95	87.1	8.24	18.45	0.07	1.3	0.063
H339200	1	Channel 6	1	534514	5470597	Conglomerate	black to dark grey, massive, matrix supported, fine-grained matrix composed 20-30% FG biotite, 10-15% quartz, trace remanent feldspar, mm-scale 2-3% chloritic angular mafic fragments, matrix is host to 12-25% pebbles dominated by QFP with minor angular siltstone and rounded fine-grained granite pebbles, 2-3% fine-grained disseminated Py	0.021	0.33	8.38	8.4	350	0.99	0.09	7.4	0.18	9.06	76	193	7.46	152.5	9.25	21.8	0.09	1.5	0.075

ThunderCloud Trench Assays

Sample ID	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
H339001	0.71	3.5	92.6	4.67	1580	1.25	1.51	2.7	121	320	4.8	37.4	0.002	0.82	0.62	46	1	0.7	341	0.16	0.37	0.27	0.586	0.34	0.1	283	2.6	20.5	217	50.1
H339002	0.88	2.9	141	5.27	1560	0.97	1.2	2.7	121.5	330	4.3	31.8	0.002	0.89	0.62	42.5	1	0.6	281	0.16	0.42	0.22	0.59	0.48	0.1	289	1.3	19.1	256	47.7
H339003	0.67	3.7	69.7	3.69	1330	0.57	2.21	2.5	128.5	340	7.7	39.4	0.002	1.84	1.01	46.2	2	0.8	343	0.16	0.54	0.26	0.595	0.36	0.1	297	9.8	19.5	108	49.3
H339004	1.54	6.8	128	2.35	866	4.39	2.16	2.7	60.8	340	7.9	66	0.002	0.79	0.87	23.7	1	0.8	290	0.19	0.14	1.28	0.357	0.65	0.6	150	4.6	12.1	90	75.4

ThunderCloud Trench Assays

Sample ID	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
H339005	1.46	5.5	84.5	2.62	997	1.36	1.56	3.1	68.8	420	9.3	65	0.002	2.41	1.08	35.1	2	0.9	337	0.19	2.36	0.75	0.586	0.66	0.3	292	15.6	18.1	113	73.3
H339006	1.01	5.7	79.5	2.98	1230	1.06	1.6	2.9	66.3	370	6.4	51.5	0.002	0.69	0.81	33.4	1	0.8	370	0.17	0.31	0.88	0.525	0.45	0.3	229	7.1	18.5	93	69.8
H339007	1.24	5.4	93.1	3.07	1260	0.77	1.56	3.1	71.7	400	6.5	64	0.003	0.82	0.84	35.7	1	1	359	0.19	0.45	0.73	0.613	0.51	0.3	254	7	19.4	95	72.7
H339008	1.12	5.3	76.8	3.1	1400	1.05	1.38	3.5	51.6	440	7.5	58.4	0.003	1.41	0.71	44.1	1	0.8	357	0.21	0.71	0.61	0.774	0.45	0.2	331	6.2	24.4	98	76.7

ThunderCloud Trench Assays

Sample ID	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
H339009	1.28	6.2	93.5	2.83	1160	1.13	1.48	3.2	72.6	400	6.6	65.1	-0.002	0.92	0.69	33.6	1	0.9	348	0.2	0.36	0.98	0.531	0.56	0.4	220	6	19.2	101	79.3
H339010	1.34	5.9	79.7	2.78	1130	1.84	1.51	2.7	68	360	9.1	67.7	0.002	1.9	1.08	32.7	1	1.4	381	0.18	0.8	0.88	0.505	0.56	0.4	247	13.9	16.8	110	67
H339012	1.18	5.7	81.7	3.21	1220	0.79	1.27	3.1	75.2	430	5.8	62.3	0.002	0.81	0.86	37.1	1	3.1	359	0.18	0.36	0.72	0.561	0.48	0.3	242	8.9	21.2	104	67.5
H339013	1.16	5.7	77.2	2.58	963	1.44	1.58	2.6	67	350	8.3	48.2	0.002	1.51	0.85	31.3	2	3.4	302	0.17	4.54	0.72	0.494	0.53	0.3	307	12.5	14.8	92	66

ThunderCloud Trench Assays

Sample ID	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
H339014	1.19	6.1	86	2.59	933	1.25	1.72	2.7	61.2	350	7.4	65.2	0.002	1.55	0.96	31.3	2	1.1	305	0.17	1.22	0.86	0.454	0.55	0.4	219	9.5	16.5	90	67.3
H339015	1.26	4.8	91.5	2.43	790	1.68	1.88	2.8	70.8	340	9.6	51.4	-0.002	2.27	0.91	31.8	3	1.2	277	0.18	4.84	0.8	0.516	0.59	0.3	306	10.7	14.1	94	72.9
H339016	1.41	6.2	91.1	2.38	901	0.83	1.76	3.1	63.5	400	9.1	63.3	-0.002	1.41	0.99	31.5	2	1.3	310	0.19	2.15	1.02	0.456	0.63	0.4	224	7.6	16.7	96	79.9
H339017	1.51	5.1	106.5	2.88	873	2.46	1.73	2.3	80.9	290	8.4	73.2	-0.002	1.63	0.93	33.1	2	1.3	284	0.15	2.69	0.84	0.416	0.77	0.3	254	10.1	11.7	92	64

ThunderCloud Trench Assays

Sample ID	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
H339018	1.58	3.3	117	2.79	765	1.43	1.81	2.2	90.2	290	7.5	58.4	0.002	1.31	0.61	32.7	2	1.1	258	0.15	2.69	0.51	0.447	0.76	0.2	262	9.7	9.3	92	56.8
H339019	1.44	4.3	99.7	2.32	826	2.13	1.98	2.3	59.4	290	7.4	57.4	0.002	1.76	0.86	25.7	2	0.8	264	0.16	1.12	0.81	0.355	0.73	0.4	198	14.7	10.5	78	66.5
H339020	1.21	6	108.5	2.67	976	1.72	1.92	2.6	67.5	290	8.3	67.8	-0.002	0.71	1.19	31.1	1	2.5	264	0.17	0.25	1.05	0.392	0.57	0.5	175	5.8	14.1	96	72.4
H339021	1.37	5.6	114.5	2.58	872	2.12	2.04	2.6	63.1	310	6.6	64.5	-0.002	0.87	0.64	27.6	2	2.2	244	0.18	0.27	0.99	0.389	0.66	0.4	168	7.8	13.2	92	73.3

ThunderCloud Trench Assays

Sample ID	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
H339022	1.28	5.4	125	3.16	1100	1.18	1.62	2.5	66.5	310	5.1	45.3	-0.002	0.57	0.57	29.6	2	0.8	252	0.17	0.2	0.83	0.412	0.61	0.4	179	4.9	13.6	93	66.1
H339023	1.45	4.8	127	3.75	1240	1.3	1.32	2.6	81.9	340	4.6	58.4	-0.002	0.61	0.59	39.2	1	1.4	320	0.17	0.32	0.59	0.518	0.76	0.2	242	8.1	18.3	91	62.9
H339024	1.75	3.9	146.5	3.72	1160	1.49	1.4	2.6	87.5	340	5	56.3	-0.002	0.82	0.54	34.1	1	0.8	277	0.17	0.43	0.62	0.487	0.88	0.2	221	4	15.1	97	63
H339025	1.29	5	91.2	2.65	873	1.24	1.52	2.9	69.1	380	8.2	59.5	-0.002	1.35	0.75	35.4	2	1.4	308	0.2	1.7	0.73	0.543	0.64	0.3	279	11.4	14.6	114	73.3

ThunderCloud Trench Assays

Sample ID	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
H339051	1.59	3.3	2.6	1.41	1320	0.25	2.95	1.3	38.2	320	1.6	31.7	-0.002	0.11	0.27	39.8	1	0.5	86	0.1	0.06	0.39	0.435	0.11	0.1	590	7.7	5.2	68	39.5
H339151	1.14	3.1	148	3.68	1420	0.33	0.84	2.5	113.5	320	3.2	50.9	0.002	0.89	0.72	44.9	1	0.5	274	0.15	0.23	0.24	0.591	0.69	0.1	287	10	20.4	116	35.1
H339152	0.59	3.1	71.1	3.25	1360	0.64	2.23	2.4	108.5	330	7.4	16.4	0.002	2.08	0.95	43.9	2	0.5	373	0.16	0.63	0.22	0.624	0.32	0.1	305	9.9	17.9	94	42.9
H339153	0.9	2.9	217	4.65	1240	0.47	1.39	2.7	121	380	4.8	25.7	0.002	2.08	0.82	47.7	2	0.5	292	0.16	0.79	0.23	0.675	0.52	0.1	313	10.9	17.3	213	45.8
H339154	1.31	10.3	86	0.88	257	0.85	3.1	1.5	18.8	320	9	53.7	-0.002	0.31	0.47	5	-1	0.5	293	0.12	0.11	2.26	0.117	0.42	0.8	38	3.7	3.8	30	80.2

ThunderCloud Trench Assays

Sample ID	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
H339155	2.05	2.8	92.7	1.77	598	1.13	1.13	1.9	102.5	290	11.1	88	-0.002	4.38	3.11	40	6	0.5	341	0.12	14.85	0.23	0.52	0.63	0.1	779	11.9	9.2	48	53
H339156	1.15	2.7	82.1	4.53	1490	0.99	0.84	2.2	107	290	7.8	60.5	0.002	1.79	0.88	42.3	2	0.5	368	0.14	0.57	0.22	0.544	0.55	0.1	266	3	18.8	120	48
H339157	0.57	4.5	140.5	2.88	1350	0.72	1.85	2.8	59.5	370	4.3	15.5	0.002	0.19	1.01	33.1	1	0.6	316	0.19	0.13	0.65	0.564	0.21	0.2	239	2	19.3	103	72.7
H339158	1.05	4.9	143.5	2.97	1420	0.42	1.66	4.1	32.2	580	4.7	51.8	0.002	0.86	0.78	41.9	1	0.6	240	0.25	0.59	0.57	0.887	0.48	0.2	277	6.5	28.5	113	93.3
H339159	1.33	4.9	96	2.54	917	1.38	1.54	2.3	61.7	290	8.4	44.8	-0.002	0.78	0.97	21.8	1	0.5	302	0.16	0.12	0.95	0.365	0.62	0.4	154	3	11	102	63
H339160	0.68	3.1	46.5	3.67	1400	0.41	1.15	2.1	93.9	270	4.9	33.4	0.002	0.47	0.77	39.2	1	0.5	361	0.13	0.33	0.28	0.508	0.25	0.1	240	3.3	16.5	108	36.7
H339161	0.95	3.9	97.6	3.86	1400	0.5	0.98	2.4	100	310	5.3	52.3	-0.002	1.46	1.02	41.6	1	0.6	326	0.15	0.32	0.35	0.55	0.4	0.1	262	16.8	19.8	111	42.1

ThunderCloud Trench Assays

Sample ID	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
H339162	0.87	4.5	102	2.54	872	3.44	2.06	2.1	61.9	280	5.4	26.1	0.002	0.6	0.37	23.3	1	0.5	265	0.15	0.22	0.78	0.349	0.45	0.4	156	3	10.3	91	61
H339163	0.33	2.8	59.4	4.24	1520	1.58	1.26	1.7	93.7	270	4.3	22.4	0.002	1.54	0.89	38.8	5	0.7	146.5	0.1	1.48	0.25	0.433	0.32	0.1	241	19.5	15.6	87	34.8
H339164	0.99	6	65.7	0.9	235	0.59	3.49	1.1	8.3	200	8.3	75.5	-0.002	0.77	0.62	2.9	1	0.5	206	0.09	0.49	1.74	0.07	0.72	0.9	41	3.5	3.3	23	70.5
H339165	0.15	2.6	62.5	4.56	1590	0.38	1.06	1.9	134	250	3.5	5.9	0.002	0.26	1.66	44.8	1	0.4	149.5	0.12	0.25	0.2	0.479	0.12	0.1	255	1.1	19.6	104	28.2
H339166	0.13	2.2	49.6	4.84	1620	0.23	1.51	1.8	120.5	250	2.6	3.3	0.002	0.29	1.1	43.3	1	0.4	126	0.12	0.21	0.17	0.525	0.07	0.1	266	1.2	17.8	100	28.8
H339167	0.77	6.3	60.4	4.4	2970	2.63	1.79	1	7.7	150	7.1	50.2	-0.002	0.2	0.9	9.2	1	0.8	266	0.08	0.48	1.13	0.058	0.4	0.6	680	6.9	15.4	81	42.6

ThunderCloud Trench Assays

Sample ID	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
H339168	2.11	2.3	36.2	0.35	172	0.2	2.93	1.1	7.3	200	14.2	92.9	-0.002	0.18	0.92	2.6	-1	0.4	353	0.11	0.08	1.47	0.074	0.87	0.7	21	2.1	2.4	27	70.9
H339169	1.13	2.3	79.4	3.73	1890	0.59	1.66	2	100.5	250	6.5	41	-0.002	0.45	1.51	44.4	1	0.9	288	0.11	0.15	0.15	0.515	0.75	0.1	308	11.1	16.1	165	20.2
H339170	1.24	3.5	140	2.87	1360	1.27	0.97	2.5	99.1	340	6	72.2	-0.002	2.7	1.13	43.1	2	1.2	326	0.17	0.47	0.28	0.577	0.67	0.1	288	15.4	20.6	99	34.4
H339171	1.22	3.8	130	3.36	1400	1.04	1.17	2.9	121.5	360	5.4	74	-0.002	1.82	0.97	47	2	1	311	0.18	0.32	0.32	0.616	0.71	0.1	302	10.6	20.8	118	35.4
H339172	0.79	3.4	96.3	4.23	1480	0.41	0.92	2.5	109.5	330	3.7	43.1	0.002	0.96	0.79	43	1	0.8	274	0.16	0.42	0.28	0.593	0.34	0.1	272	5.7	21.6	105	42.7
H339173	1.13	5.7	117	2.21	806	1.85	2.26	2.2	51.5	280	6	57.8	-0.002	1.17	0.52	20.7	1	0.6	257	0.16	0.16	1.05	0.324	0.57	0.4	135	9.7	10.3	83	65.1

ThunderCloud Trench Assays

Sample ID	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
H339174	0.97	4.8	104.5	3.54	1340	1.8	1.5	2.5	76.6	320	6.2	51	-0.002	1.07	0.78	35.6	1	1.5	331	0.17	0.28	0.68	0.492	0.45	0.3	237	11.2	17.8	114	59.7
H339175	1.12	3.3	103.5	4.04	1500	1.06	0.77	2.5	95.6	340	4.4	64.6	-0.002	1.16	0.8	43	1	1	262	0.16	0.44	0.27	0.598	0.47	0.1	277	8.7	21.8	113	45.5
H339176	1.02	3.4	89.8	4.54	1560	1.42	0.83	2.8	106	350	4.8	52.5	0.002	1.36	0.82	43.5	1	0.7	296	0.17	0.43	0.28	0.594	0.5	0.1	281	14.3	21.2	113	40.4
H339177	0.9	3	100	2.86	1380	1	1.88	2.5	104	350	3.3	45.5	-0.002	0.58	0.98	43.5	1	2.1	291	0.17	0.18	0.26	0.63	0.42	0.1	295	6.6	19.8	112	37.2

ThunderCloud Trench Assays

Sample ID	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
H339178	1.2	3.2	128	3.15	1560	0.44	0.99	2.5	121.5	330	3.4	59.1	0.002	0.7	0.91	43.2	1	3	308	0.16	0.08	0.28	0.586	0.56	0.1	281	5	20.4	118	34.8
H339179	1.11	3.1	104.5	3.14	1440	1.56	1	2.5	114.5	290	5.1	63.1	0.002	1.24	0.94	40.8	1	2.3	320	0.16	0.19	0.3	0.56	0.56	0.1	262	10.5	20.7	101	42
H339180	1.54	3	169.5	2.97	1310	1.46	0.94	2.7	108	280	4.2	86.2	0.002	1.72	1.29	43	2	1.1	307	0.17	0.58	0.3	0.577	0.88	0.1	283	9.6	18.9	104	34.7
H339181	1.15	4.3	134	3.44	1350	0.73	1.29	2.5	97.3	330	4.6	69.6	-0.002	1.85	1.34	41.3	2	2	363	0.16	0.52	0.56	0.558	0.71	0.1	270	18.4	17.8	79	43.4
H339182	0.95	3.3	145	4.18	1400	1.04	0.95	2.8	117.5	320	2.6	56.2	0.002	0.86	1.35	43.5	1	1.1	243	0.17	0.1	0.31	0.575	0.51	0.1	270	12	21.1	109	49.2

ThunderCloud Trench Assays

Sample ID	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
H339183	0.82	3.5	115.5	3.63	1540	1.32	1.2	2.3	98.2	310	3.1	43.1	-0.002	1.24	1.4	36	1	1.3	266	0.15	0.1	0.4	0.534	0.42	0.1	249	14.7	18.3	99	41.2
H339184	1.17	3.7	154	3.32	1400	0.84	1.54	2.7	117.5	330	4.7	65.2	0.002	1.56	1.36	43.8	1	2	310	0.18	0.23	0.44	0.608	0.59	0.1	292	20.8	20	107	41
H339185	1.22	3.1	135.5	3.18	1320	1.01	1.34	2.7	124	340	4.7	68.6	0.002	1.88	1.17	45.4	1	1.4	332	0.17	0.31	0.33	0.612	0.66	0.1	290	19.5	21.5	105	38.7
H339186	1.3	3.1	128	3.24	1280	0.82	1.03	2.6	117	330	4.7	50.4	0.002	1.18	0.75	41.5	1	1.3	305	0.18	0.32	0.28	0.574	0.69	0.1	277	8.3	20.2	105	37.7

ThunderCloud Trench Assays

Sample ID	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
H339187	1.06	3.1	107.5	3.11	1440	0.31	1.06	2.3	109.5	310	4.4	54.6	-0.002	0.93	1.1	41	1	3	318	0.16	0.19	0.31	0.551	0.48	0.1	261	9.1	17.9	96	30.5
H339188	0.83	3	83.4	3.69	1630	1.58	1.07	2.3	102.5	300	4.8	41.3	0.002	0.68	1.1	38.3	1	2.4	318	0.15	0.2	0.34	0.545	0.36	0.1	248	7.6	17.1	105	42.2
H339189	1.4	4.5	146	4.5	1320	1.5	1.05	2.5	103.5	340	5.4	66	0.002	0.9	1.3	38.7	1	1.7	309	0.17	0.31	0.51	0.534	0.62	0.2	254	13.4	19.5	112	54.7
H339190	1.4	6.7	132.5	2.34	881	2.45	1.95	2.4	59	310	7.4	69.7	-0.002	0.86	1.02	23.9	1	1	270	0.17	0.22	1.17	0.363	0.61	0.5	153	4.6	11.8	96	67.6

ThunderCloud Trench Assays

Sample ID	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
H339191	1.35	6.6	120.5	2.23	850	4.39	2.02	2.4	55.2	320	7.4	62.7	-0.002	0.72	0.92	22.1	1	1.1	262	0.19	0.13	1.24	0.347	0.6	0.5	143	4.8	11.5	88	68.2
H339192	1.38	6.7	135	2.17	835	4.46	2.2	2.5	54.9	340	7.3	61.5	-0.002	0.68	0.91	21.3	1	0.7	269	0.18	0.09	1.3	0.348	0.58	0.5	140	5.1	11.3	88	73.1
H339193	1.28	6	114	2.46	951	1.21	2.07	2.5	61.8	310	6.9	53.3	-0.002	0.75	0.82	26.8	2	1.1	290	0.18	0.15	1.03	0.409	0.54	0.5	172	5.8	13.1	96	69.8
H339194	1.19	17.4	97.2	2.66	850	1.05	2.47	3.7	82.5	560	9.2	53.3	-0.002	0.46	0.65	19.4	1	1.2	446	0.23	0.12	4.24	0.568	0.44	1.2	140	3.6	13.2	104	103
H339195	1.04	23.3	81.2	2.91	873	0.28	2.53	4.4	100	680	8.8	44.6	-0.002	0.33	0.58	18.3	1	1.8	522	0.26	0.11	5.72	0.67	0.36	1.5	134	1.8	14.5	108	120
H339196	1.17	5.3	95.8	2.86	1140	1.31	1.8	2.5	69.4	320	7.1	56.4	0.002	0.52	0.67	30.9	1	2.4	356	0.16	0.21	0.84	0.426	0.51	0.3	195	4	15	104	64.7

ThunderCloud Trench Assays

Sample ID	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
H339197	1.12	5.4	93	2.87	1100	0.46	1.81	2.4	71.5	320	6.7	55.2	-0.002	0.32	0.69	30.8	1	1.2	356	0.16	0.16	0.84	0.414	0.48	0.3	190	2.6	14.6	93	62.8
H339198	0.67	3	64.5	3.16	1380	0.85	1.69	2.7	111.5	300	5	33.6	-0.002	0.21	0.99	47.2	1	1.1	473	0.17	0.18	0.24	0.597	0.26	0.1	276	2	20.4	100	50.4
H339199	0.75	3.2	64.3	3.35	1450	0.62	1.63	2.6	109	300	5.3	35.9	-0.002	0.23	0.88	45.8	1	2	446	0.16	0.15	0.27	0.571	0.27	0.1	269	2.6	19.9	106	50.2
H339200	0.88	3.4	92.5	3.38	1520	1.04	1.33	2.9	124.5	330	5.5	46.5	0.002	0.41	2.13	50.8	2	3	415	0.17	0.3	0.27	0.595	0.36	0.1	286	5.5	23.1	128	48

ThunderCloud Trench Assays

Sample ID	Trench #	Grab or Channel	Channel Length (m)	UTME NAD83	UTMN Zn15	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
H339001	1	Channel 7	1	534512	5470589	0.047	0.58	8.48	3.7	140	1.07	0.15	6.9	0.41	9	55.3	182	14.5	160	9.13	19.4	0.07	1.4	0.073	0.71	3.5	92.6	4.67	1580	1.25	1.51	2.7	121	320	4.8	37.4	0.002	0.82	0.62	46	1	0.7	341	0.16	0.37	0.27	0.586	0.34	0.1	283	2.6	20.5	217	50.1
H339002	1	Channel 7	1			0.089	0.53	8.15	2.1	130	0.95	0.13	6.07	0.46	7.85	51.9	189	17.3	160	9.64	18.7	0.07	1.4	0.07	0.88	2.9	141	5.27	1560	0.97	1.21	2.7	121.5	330	4.3	31.8	0.002	0.89	0.62	42.5	1	0.6	281	0.16	0.42	0.22	0.59	0.48	0.1	289	1.3	19.1	256	47.7
H339003	1	Channel 7	1			0.383	0.88	8.51	5.5	80	1.05	0.19	6.48	0.2	8.95	56	188	11.2	164.5	8.09	17.9	0.06	1.4	0.073	0.67	3.7	69.7	3.69	1330	0.57	2.21	2.5	128.5	340	7.7	39.4	0.002	1.84	1.01	46.2	2	0.8	343	0.16	0.54	0.26	0.595	0.36	0.1	297	9.8	19.5	108	49.3
H339004	1	Channel 7	1			0.03	0.31	8.26	6.7	390	0.93	0.32	4.37	0.14	15.05	31.3	105	17.25	83.6	5.58	20.4	0.09	2.1	0.044	1.54	6.8	128	2.35	866	4.39	2.16	2.7	60.8	340	7.9	66	0.002	0.79	0.87	23.7	1	0.8	290	0.19	0.14	1.28	0.357	0.65	0.6	150	4.6	12.1	90	75.4
H339005	1	Channel 7	1			1.655	1.9	8.05	22.2	280	1.13	0.08	4.35	0.13	13.6	38.8	125	14.9	109.5	8.44	20.6	0.08	2.1	0.073	1.46	5.5	84.5	2.62	997	1.36	1.56	3.1	68.8	420	9.3	65	0.002	2.41	1.08	35.1	2	0.9	337	0.19	2.36	0.75	0.586	0.66	0.3	292	15.6	18.1	113	73.3
H339006	1	Channel 7	1			0.069	0.45	7.96	4.5	310	1.12	0.18	5.46	0.14	13.65	38.6	128	11.3	81.3	7.61	19.3	0.07	1.9	0.061	1.01	5.7	79.5	2.98	1230	1.06	1.6	2.9	66.3	370	6.4	51.5	0.002	0.69	0.81	33.4	1	0.8	370	0.17	0.31	0.88	0.525	0.45	0.3	229	7.1	18.5	93	69.8
H339007	1	Channel 7	1			0.185	0.6	8.11	7.1	350	1.11	0.16	4.93	0.13	13.75	42.9	128	10.6	108	8.18	19.75	0.08	2.2	0.069	1.24	5.4	93.1	3.07	1260	0.77	1.56	3.1	71.7	400	6.5	64	0.003	0.82	0.84	35.7	1	1	359	0.19	0.45	0.73	0.613	0.51	0.3	254	7	19.4	95	72.7
H339008	1	Channel 7	1			0.045	1.15	7.89	3	320	1.02	0.22	5.19	0.14	13.35	46.3	78	10.95	138	9.7	20.6	0.06	2.1	0.076	1.12	5.3	76.8	3.1	1400	1.05	1.38	3.5	51.6	440	7.5	58.4	0.003	1.41	0.71	44.1	1	0.8	357	0.21	0.71	0.61	0.774	0.45	0.2	331	6.2	24.4	98	76.7
H339009	1	Channel 7	1			0.088	0.54	8.22	4.1	340	1.06	0.11	4.72	0.12	14.95	38.6	128	12.85	98.9	7.9	20.6	0.08	2.2	0.062	1.28	6.2	93.5	2.83	1160	1.13	1.48	3.2	72.6	400	6.6	65.1	-0.002	0.92	0.69	33.6	1	0.9	348	0.2	0.36	0.98	0.531	0.56	0.4	220	6	19.2	101	79.3
H339010	1	Channel 7	1			0.358	1.01	8.09	13.3	330	1.11	0.15	5.31	0.16	14.2	37.4	123	11.05	90	7.67	21	0.09	2	0.062	1.34	5.9	79.7	2.78	1130	1.84	1.51	2.7	68	360	9.1	67.7	0.002	1.9	1.08	32.7	1	1.4	381	0.18	0.8	0.88	0.505	0.56	0.4	247	13.9	16.8	110	67
H339012	1	Channel 7	1			0.109	0.52	8.16	7.8	260	1.24	0.14	5.44	0.13	13.85	40.3	129	13.2	86.1	8.41	19.85	0.08	1.8	0.064	1.18	5.7	81.7	3.21	1220	0.79	1.27	3.1	75.2	430	5.8	62.3	0.002	0.81	0.86	37.1	1	3.1	359	0.18	0.36	0.72	0.561	0.48	0.3	242	8.9	21.2	104	67.5
H339013	1	Channel 7	1			3.9	3.44	7.64	38.4	340	1.29	0.14	4.03	0.11	13.1	41.1	132	13.6	111.5	7.4	20.1	0.09	1.9	0.062	1.16	5.7	77.2	2.58	963	1.44	1.58	2.6	67	350	8.3	48.2	0.002	1.51	0.85	31.3	2	3.4	302	0.17	4.54	0.72	0.494	0.53	0.3	307	12.5	14.8	92	66
H339014	1	Channel 7	1			0.824	0.98	8.01	31.8	310	1.24	0.07	4.18	0.11	13.85	34.8	133	14.8	70.3	7.06	20.3	0.07	1.9	0.055	1.19	6.1	86	2.59	933	1.25	1.72	2.7	61.2	350	7.4	65.2	0.002	1.55	0.96	31.3	2	1.1	305	0.17	1.22	0.86	0.454	0.55	0.4	219	9.5	16.5	90	67.3
H339015	1	Channel 7	1			2.99	2.76	7.75	32.8	310	1.25	0.09	3.42	0.11	12.05	39.2	142	12.55	134	7.57	20.3	0.09	2.1	0.056	1.26	4.8	91.5	2.43	790	1.68	1.88	2.8	70.8	340	9.6	51.4	-0.002	2.27	0.91	31.8	3	1.2	277	0.18	4.84	0.8	0.516	0.59	0.3	306	10.7	14.1	94	72.9
H339016	1	Channel 7	1			1.265	1.47	8.1	19.4	300	1.23	0.05	3.76	0.12	15	35.1	143	16.1	102	6.85	20.7	0.09	2.2	0.062	1.41	6.2	91.1	2.38	901	0.83	1.76	3.1	63.5	400	9.1	63.3	-0.002	1.41	0.99	31.5	2	1.3	310	0.19	2.15	1.02	0.456	0.63	0.4	224	7.6	16.7	96	79.9
H339017	1	Channel 7	1			2.13	2.06	8.2	29.9	380	1.34	0.08	3.85	0.11	11.95	38.5	180	16.9	117	6.89	20.3	0.07	1.8	0.052	1.51	5.1	106.5	2.88	873	2.46	1.73	2.3	80.9	290	8.4	73.2	-0.002	1.63	0.93	33.1	2	1.3	284	0.15	2.69	0.84	0.416	0.77	0.3	254	10.1	11.7	92	64
H339018	1	Channel 7	1			2.03	1.72	8.08	14.4	320	1.35	0.08	3.03	0.08	8.05	43.1	192	16.5	123	6.92	19.75	0.08	1.7	0.054	1.58	3.3	117	2.79	765	1.43	1.81	2.2	90.2	290	7.5	58.4	0.002	1.31	0.61	32.7	2	1.1	258	0.15	2.69	0.51	0.447	0.76	0.2	262	9.7	9.3	92	56.8
H339019	1	Channel 7	1			0.834	0.9	7.64	34.7	340	1.18	0.11	3.48	0.12	10.15	27	120	14.7	70.8	5.67	19.85	0.08	1.9	0.047	1.44	4.3	99.7	2.32	826	2.13	1.98	2.3	59.4	290	7.4	57.4	0.002	1.76	0.86	25.7	2	0.8	264	0.16	1.12	0.81	0.355	0.73	0.4	198	14.7	10.5	78	66.5
H339020	1	Channel 7	1			0.048	0.45	8.2	10.8	330	1.14	0.14	4.84	0.17	13.25	34.3	133	12.9	95.8	5.81	21.8	0.09	2	0.045	1.21	6	108.5	2.67	976	1.72	1.92	2.6	67.5	290	8.3	67.8	-0.002	0.71	1.19	31.1	1	2.5	264	0.17	0.25	1.05	0.392	0.57	0.5	175	5.8	14.1	96	72.4
H339021	1	Channel 7	1			0.066	0.47	7.95	6.1	330	1.02	0.18	4.16	0.11	12.75	32.7	123	15.3	89.3	5.78	21	0.09	2.1	0.043	1.37	5.6	114.5	2.58	872	2.12	2.04	2.6	63.1	310	6.6	64.5	-0.002	0.87	0.64	27.6	2	2.2	244	0.18	0.27	0.99	0.389	0.66	0.4	168	7.8	13.2	92	73.3
H339022	1	Channel 7	2			0.054	0.31	8.07	3.2	300	1.31	0.1	4.55	0.14	12.1	35.1	161	13.3	86.4	6.5	20.1	0.09	1.9	0.049	1.28	5.4	125	3.16	1100	1.18	1.62	2.5	66.5	310	5.1	45.3	-0.002	0.57	0.57	29.6	2	0.8	252	0.17	0.2	0.83	0.412	0.61	0.4	179	4.9	13.6	93	66.1
H339023	1	Channel 7	1			0.074	0.31	8.64	2.8	260	1.85	0.15	5.65	0.11	11.75	41.4	183	15.15	107	7.8	20.6	0.1	1.7	0.061	1.45	4.8	127	3.75	1240	1.3	1.32	2.6	81.9	340	4.6	58.4	-0.002	0.61	0.59	39.2	1	1.4	320	0.17	0.32	0.59	0.518	0.76	0.2	242	8.1	18.3	91	62.9
H339024	1	Channel 7	1			0.067	0.49	8.04	3	290	1.48	0.16	4.56	0.11	9.94	40.8	164	18.05	99.8	7.76	19.55	0.1	1.8	0.05	1.75	3.9	146.5	3.																										

Thundercloud Exploration Report

Appendix II – Costs

Dynasty Expenditure on Thundercloud

Thundercloud Field Expenditure

March 11, 2022

	2018
	Invoice Total
Travel \$0.55/km and Airfare	2,657.47
Lodging	377.82
Geologists - Andrew Tims 14 days at \$550/day	8,701.00
Geologists - Allen Raoul 3.5 days at \$500/day	1,977.50
Northern Mineral Exploration Services 18.5 days at \$550/day	10,254.75
ATV Rental 3 days at \$75/day	225.00
Assay 5+64 grab samples	4,196.88
	<hr/>
	28,390.42

	2021
	Invoice Total
Travel \$0.55/km	3,314.40
Lodging	2,723.84
Geologist - Andrew Tims 19 days \$550/day	11,497.75
Northern Mineral Exploration Services 8 days at \$550/day	4,972.00
Field Technicians/Assistants 17 days at avg. \$290/day	4,903.50
Equipment Rental	615.85
Field Supplies	1,040.20
Road Repair - Steven Blair Contracting Ltd. Dryden	3,413.97
Excavator, Bulldozer - Steven Blair Contracting Ltd. Dryden	19,269.98
Assay 19+24+32 grab and channel samples	5,699.53
Report (Data Compilation Overhead)	3,000.00
	<hr/>
	60,451.02

Thundercloud Exploration Report

Appendix III – Work Logs

Andrew Tims – May 16, 2018 to November 6, 2018 Mapping and Prospecting Work Log

May 16th, 2018

A.Tims travels from Mine Centre via Snake Bay road to the Thundercloud property to check access. Determines road is washed out and uses ATV to access property. A.Tims traverses from Thundercloud logging road to trench #2 on cell 146278 and locates Glatz Outcrop on east end of trench #2. Six samples were taken along trench #2 with the sample from the Glatz outcrop being a chip sample from end to end of the Glatz outcrop (M495801 to M495806). Samples were submitted to Actlabs in Thunder Bay.

June 2nd, 2018

A.Tims located Teck's 2007 and 2008 drill core storage location along highway 17 near Wabigoon.

October 30th, 2018

Allen Raoul travels from Fort Frances with Bill Bone to start mapping at Thundercloud. Work started at trench 2007 #2 on cell 185688 collecting sample DG1801, 05, 10 & 22. Samples DG1802, 07 and 08 were collected on cell 146278. Samples DG1803, 04, 06, 12 and were taken on cell 244967. Retired to Pine Grove motel in Wabigoon.

October 31st, 2018

A. Raoul and B. Bone visited the area of trench 2007 #1 and collected samples DG1815 to DG1819 and DG1822 to DG1825 on cell 244967. Prospecting then shifted northeast onto cell 146278 where samples DG1826 to DG1834 were collected. Prospecting then shifted west to cell 185688 where samples DG1820 (A&B) and DG1821 were collected on an iron formation that produced a strong chargeability anomaly in a historical IP survey. The trend of the iron formation was followed south on cell 244967 where samples DG1836 to DG1839 were collected. The loop around the altered mafic volcanics continued onto cell 319004 where DG1940 and 41 were collected. Retired to Pine Grove motel in Wabigoon.

November 1st, 2018

A. Raoul and B. Bone visited the area of trenches 2007 #3 2008 #8 on cell 185688 collecting DG1842 to DG1850. The traverse continued to the east of trench 2007 #3A on cell 140305 collecting samples DG1851 to DG1856. The traverse looped back west on cell 185688 where samples DG1856 to 60 and 63 were collected. Samples DG1861 & 62

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were taken along the porphyry-sediment contact to the east on cell 140305. Return to Fort Frances.

November 2nd, 2018

A. Raoul and B. Bone undertook magnetic susceptibility measurements and rock descriptions. Samples were prepped for submission to lab.

November 6th, 2018

Bill Bone delivered samples from Ft. Frances to A.Tims in Thunder Bay. A. Tims delivered samples to ALS Chemex Ltd. prep laboratory in Thunder Bay. A. Raoul produces sample description table and map.

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Andrew Tims - July 10, 2021 to July 22, 2021 Trenching Work Log

July 10, 2021

A.Tims travels from Thunder Bay to Thundercloud property to inspect access and then to Langs Motel near the village of Wabigoon. Washout in road repaired and bushed pushed back by bulldozer.

July 11, 2021

Sunny, windy averaging 24°C, smokey sky. Flagged access trail in both Trench # and Trench # 2 locations. Trench #1 trail started on cell 244967 traversing cell 146278 and ending on cell 140305. Trench #2 trail started on cell 146278 traversing 244967 onto cell 340453.

July 12, 2021

Sun/cloud, windy averaging 26°C. Contractor mobilized onto to property and began clearing out the northwestern end of trench #1 on cell 146278.

July 13, 2021

Windy, clouding over and severe thunder storms, 28°C. Overburden stripping of Trench #1 continued.

July 14, 2021

Smoke covered sky, 25°C. Excavator finished on Trench #1. Followed 2011 drill trail to swamp on cell 140305 and dug a sump hole for water along the edge of a spruce-labrador tea swamp. Other than some minor surface water the underlying peat was bone dry to a depth of 4 m. Water to wash the outcrop will have to be trucked in from a creek crossing the access road one kilometre to the east of Trench #1. Excavator was transferred to Trench #2 site.

July 15, 2021

Windy, cloudy smokey haze, 26°C. Overburden stripping of Trench #2 completed as well as a sump hole dug for water in an adjacent swamp on cell 146278. Excavator parked at Trench #2. Summer student Jeet arrives to assist mapping of trenches.

July 16, 2021

Windy, clouding over and severe thunder storms, 28°C. Contractor crew returns to Trench #1 and lays out fire pump and hose. Required to use 2 Honda pumps, one at the tanker truck, and another at the trench to get sufficient pressure to wash trench.

July 17, 2021

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Sun/cloud, windy averaging 25°C. Contractor continues to wash to Trench #1. Baseline for Trench #1 is laid out and mapping begins. Contractor has issues with water pump and tears a fire hose resulting in delays/downtime.

July 18, 2021

Hazy, smell smoke, 26°C. Mapping of Trench #1 continues. Contractor has personnel issues and is only able to wash the trench for part of the day. Mapping effort shifts to Trench #2 due to delay with mapping grid laid out.

July 19, 2021

Hazy, smell smoke, 26°C. Mapping of Trench #1 continues. Contractor has personnel issues and is only able to wash the trench for part of the day.

July 19, 2021

Dull red clouds, smell smoke, 24°C. Two fire hoses burst open. No spare. Trench washing shifts to Trench #2. Mapping continues on Trench #1.

July 20, 2021

Hazy, smell smoke, 26°C. Trench #2 is washed down. Ministry of Natural Resources shuts down all operations in Northwest Ontario. Grab samples H339163 to H339169 are taken from Trench #2 for assay. Summer student Jeet departs to home.

Thundercloud Exploration Report

July 21, 2021

Clear, sunny, 27°C. Contractor as cleared all equipment out except for excavator. A.Tims finishes Trench #1 map. Collects grab samples H339151 to H339162 from Trench #1 as rock sawing for channel sampling is not an allowable activity given the MNR shutdown.

July 22, 2021

A.Tims travels from Wabigoon to Thunder Bay and delivers 19 samples to ALS Canada prep lab in Thunder Bay.

Thundercloud Exploration Report

Andrew Tims – September 12, 2021 to September 27, 2021 Trenching Work Log

September 12, 2021

A.Tims travel from Thunder Bay to the Thundercloud Property to meet Bone Field Services to begin channeling sampling of Trench #1. Channel samples laid out and cutting started. A.Tims setup accommodations Lang's Motel in Wabigoon and returned to Thunder Bay. Thirteen samples were cut, H339001 to H339013.

September 13, 2021

Bone Field Services continues channeling sampling of Trench #1. Samples H339014 thru H339022 are cut. Work is halted due to saw mechanical issues.

September 14, 2021

Bone Field Services continues channeling sampling of Trench #1. Samples H339023 thru H339025 and H339170 to H339172 are cut. Mechanical issues with rock saw continue.

September 15, 2021

Bone Field Services continues channeling sampling of Trench #1. Samples H339173 thru H339184 are cut. Mechanical issues with rock saw continue. A.Tims travel from Thunder Bay to Thundercloud Property to map out samples.

September 16, 2021

A.Tims delivers 24 samples to ALS Canada Ltd prep lab in Thunder Bay

September 17, 2021

Bone Field Services continues channeling sampling of Trench #1. Samples H339185 thru H339186 are cut. Mechanical issues with rock saw continue.

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September 18, 2020

Bone Field Services continues channeling sampling of Trench #1. Samples H339187 thru H339200 are cut. Bone Field Services bag all of the samples and leave for A.Tims to pick up.

September 21, 2021

Cool, cloudy, 18°C. Access road is washed out requiring the use of an ATV to access the property. A.Tims travels from Thunder Bay to the Thundercloud Property. Remaining channels samples are mapped out. Samples and water supply pump are hauled out by ATV to truck. A.Tims returns to Thunder Bay.

September 27, 2021

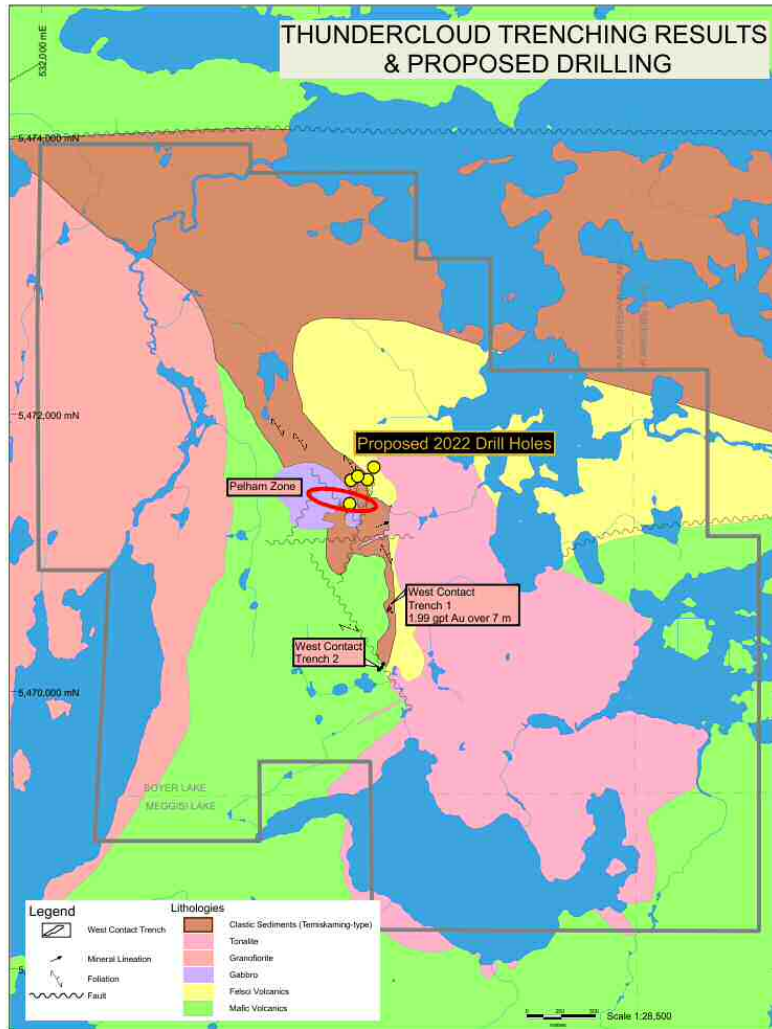
A.Tims delivers 32 samples to ALS Canada Ltd prep lab in Thunder Bay

Thundercloud Exploration Report

Appendix IV – Trenching Summary

Trench 1 is approximately 80 meters long and the stripped area was ~999 square meters. The volume of material excavated was approximately 813 cubic meters.

Trench-2, located four hundred meters south of Trench-1, is approximately 20 meters long. The stripped area is ~193 square meters and ~135 cubic meters of material was excavated.



2021 Trenching Summary Map

Thundercloud Exploration Report

Appendix V – Additional Trenching Photos



Trench #1 – Washing

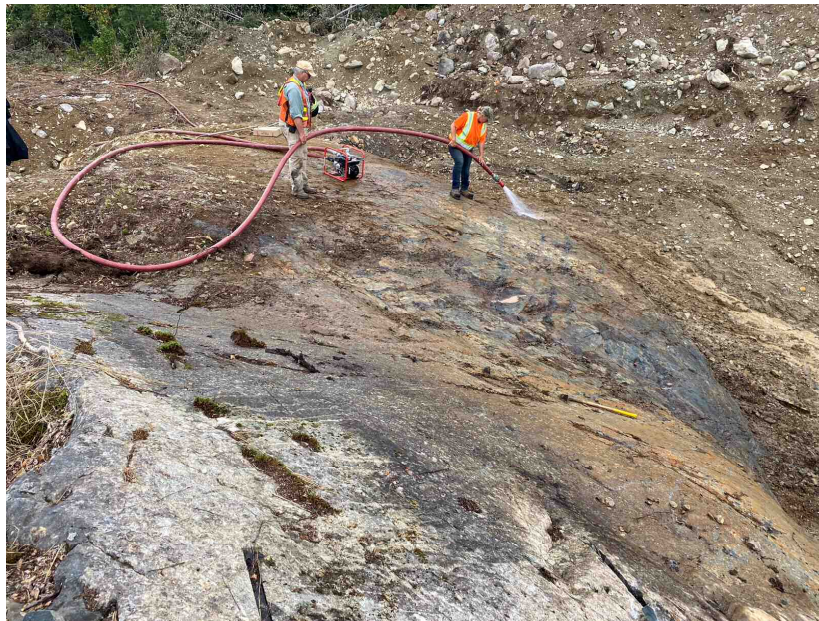


Trench #1 - Washing

Thundercloud Exploration Report



Trench #1 - Washing



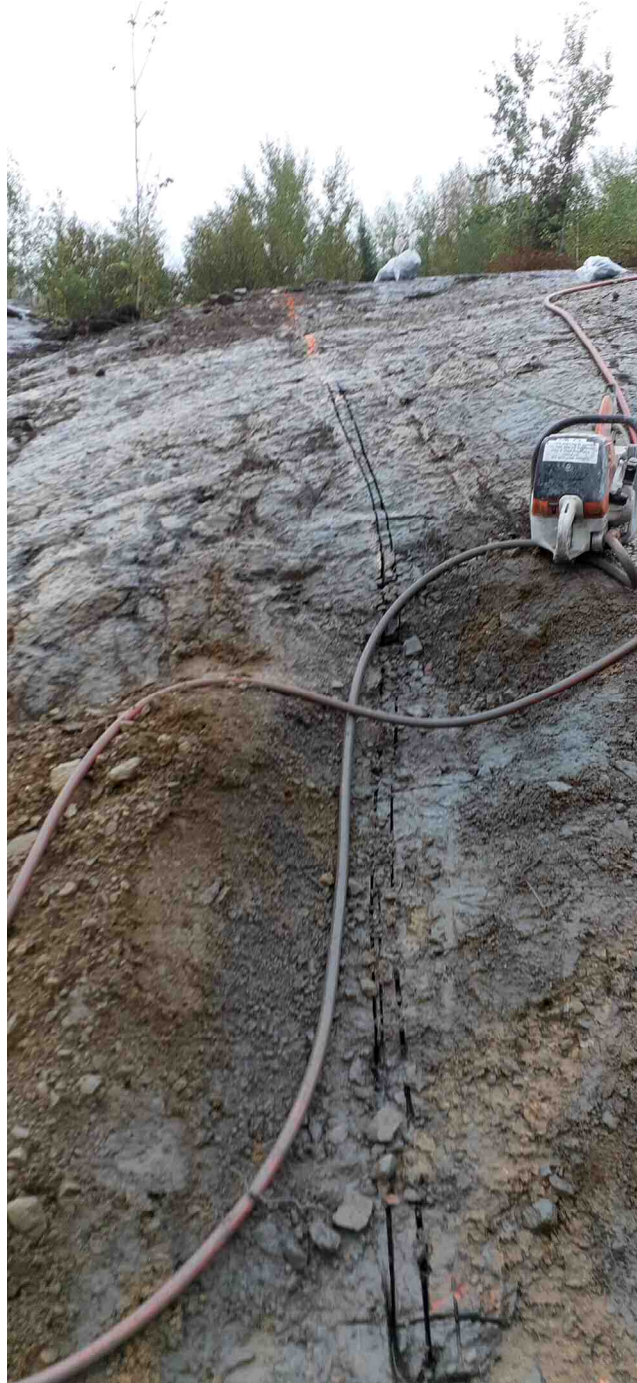
Trench #2 - Washing

Thundercloud Exploration Report



Channel Sampling

Thundercloud Exploration Report



Channel Sampling