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**TASHOTA RESOURCES INC.
AND
ECHO RIDGE RESOURCES INC.**

**2021 Diamond Drill Report
Echo Ridge Property
Tilly Lake Area
Thunder Bay Mining Division, Northwestern Ontario
NTS Map Sheet 52B/10**

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SUMMARY

The Echo Ridge property (“Property”) of Tashota Resources Inc. (50%) and Echo Ridge Resources Inc. (50%) (“Company”) is located approximately 125 km west of Thunder Bay in Northwestern Ontario. The Property consists of unpatented mining claims (112 cells) covering an area of roughly 2,126.58 ha. Access to the Property is by Trans-Canada Highway 11/17 from Thunder Bay to Shabaqua Corner and then via Highway 11 to a major logging road 20 km west of the village of Kashabowie; the Swamp Road, which runs south of the highway, reaches the Property through several secondary logging roads. The C.N. rail and power lines pass 25 to 30 km north of the Property. The city of Thunder Bay is an important shipping and transportation hub, and the Canadian National and Pacific Railways service Thunder Bay. The Port of Thunder Bay is the largest outbound port on the St. Lawrence Seaway System and the sixth-largest port in Canada.

This report describes the results of the initial 5-hole (368.58 m) diamond drill program conducted from July 07 to November 05, 2021, in the northwest-central part of the Property (cell claims 107734 and 188144) to test the mineralization at depth encountered in the 2020 exploration trenches. The drill holes were located using NAD 83 - UTM Zone 15N. Drilling was carried out under Exploration Permit No. PR-19-000018 by Wally Magnussen of Custom Diamond Drilling Inc., Kakabeka Falls, Ontario, and Dr. Colin Bowdidge, P. Geo., I.A. Osmani, P.Geo., and Gerry White, P.Geo. logged the drill core. Due to positive results, this initial 5-hole drilling program was later expanded by an additional 1,639 meters in 8-holes from December 1 to 16, 2021. The results of the other drilling are reported in a separate report by the Company.

The Echo Ridge Property occurs mainly within the northeast-trending metasedimentary rocks of the Quetico basin adjacent to the faulted Quetico-Wawa (west end of Shebandowan greenstone belt) terrane boundary. Several small and large bodies of diorite, granodiorite, and quartz diorite to tonalite intrude the sedimentary rocks on the Property. The most significant and extensive of these intrusions, the Tilly Lake Diorite Complex (TLDC), is host to widespread structurally controlled copper-gold-silver mineralization. The TLDC, which extends northeasterly from the west-southwest for approximately 4.7 km to the north-central part of the Property, is widest (1.43 km) in the southwest and narrowest (a few metres) in the northeast. The diorites of the TLDC have an average colour index of 25 to 40 and are mostly fine- to medium and coarse-grained diorite to quartz diorite and their derived schists. Geochemically, the TLDC consists of predominantly average diorite and minor monzonite to monzodiorite and syenodiorite phases. The plagioclase is always epidotized, and amphibole grains are completely altered to chlorite. The diorites are obliterated within highly strained and altered zones and can only be distinguished as chlorite±biotite-sericite-plagioclase schist.

The 2021 drilling results have confirmed the lateral continuity of the copper-gold mineralization exposed in trenches for up to 500m, and it is open to the east, west, and down-dip. Three-hundred-forty (340) samples were taken and sent to Activation Laboratories Ltd., Thunder Bay, to analyze copper, gold, silver, and other trace elements. The best results obtained from the drilling are: 0.70% Cu over 2.05m and 0.41% Cu over 11.0m (ER21-01); 0.97% Cu over 1.45m, 0.74% Cu over 1.84m (ER21-02); 0.41% Cu over 7.0m includes 0.76% Cu over 3.0m (ER21-04); and 0.38% Cu over 6.0m (ER21-05). These highly anomalous copper mineralization are always accompanied by

anomalous gold and silver except in one instance (ER21-02), where weakly anomalous copper (0.17%) accompanies high-grade gold (21.20 g/t) and silver (173 g/t).

As the above drilling results confirmed the lateral continuity of the copper-gold mineralization for up to 500m, future exploration work consisting of an IP survey, prospecting, trenching, and step-out drilling is recommended to continue to the east and west of the currently drilled areas. However, an IP survey (pole-dipole or 3D IP system) is preferable to be conducted before further drilling to obtain additional precision of the lateral and depth extent of mineralization within and adjacent areas of the current drilling.

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**2021 Diamond Drill Report
Echo Ridge Property
Tilly Lake Area
Thunder Bay Mining Division, Northwestern Ontario
NTS Map Sheet 52B/10**

1 INTRODUCTION

The Echo Ridge Copper-Gold Property ("Property") of Tashota Resources Inc. (50%) and Echo Ridge Resources Inc. ("Company"), located approximately 125 km west of Thunder Bay, occurs in northwestern Ontario (**Figure 1**). The Company initiated a small 5-hole (368.58 m) diamond drill program from July 07 to November 05, 2021, to test the mineralization at depth encountered during the 2020-21 exploration trenching program (Osmani 2022). This drilling program's success later expanded by an additional 1,639 meters in 8-holes and was carried out as a second phase from December 1 to 16, 2021 (Kilpatrick 2022). This report only describes the results of the initial phase of the drilling program and the follow-up drilling results discussed and reported by Kilpatrick (2022).

The Property comprises 112 contiguous unpatented mining cell claims covering over 2,126.58 hectares. The drilling was carried out intermittently from July 7 to November 05 by contractor Wally Magnussen of Custom Diamond Drilling Inc., Kakabeka Falls, Ontario. It was conducted under Exploration Permit No. PR-19-000018 on cell claims 107734 and 188144 in the Tilly Lake NTS Map Sheet.

The Property occurs mainly within the northeast-trending metasedimentary rocks of the Quetico basin adjacent to the Quetico-Wawa (west end of Shebandowan greenstone belt) terrane boundary. Several small and large bodies of diorite, granodiorite, and quartz diorite to tonalite intrude the sedimentary rocks on the Property. The most significant and most extensive of the intrusions, the Tilly Lake Diorite Complex (TLDC), has been placed on the Property's western side.

2 PROPERTY LOCATION AND DESCRIPTION

2.1 Location

The Property occurs within the southeastern and southwestern parts of Tilly Lake Area (G-562) and Moss Township (G-676), respectively, and Powell Lake Area (G-549) on NTS Map sheet 52B/10SE. The Property is located approximately 60 km southeast of Atikokan and 35 km southwest of the village of Kashabowie, both located along the Trans-Canada (**Figure 1**). The

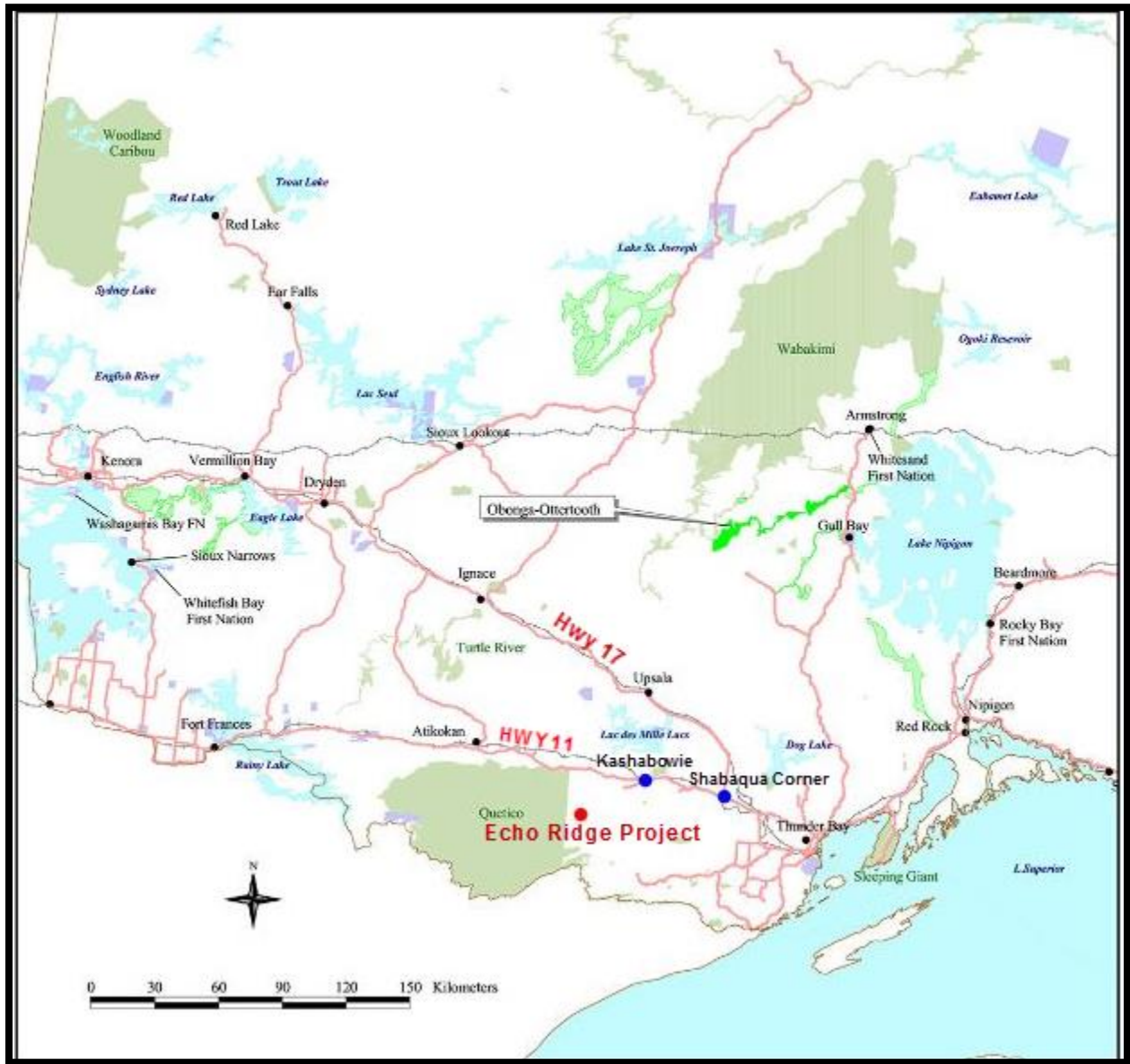


Figure 1. Map of northwestern Ontario showing the infrastructure and location of Echo Ridge Project (red dot).

centre of the Property is located approximately at 655500mE / 5375500mN UTM coordinates (NAD83, Zone 15N).

2.2 Property Description

The Echo Ridge Property, owned 50% by Echo Ridge Resources Inc. and 50% by Tashota Resources Inc., comprises contiguous unpatented mining claims (112 cells) (**Figure 2**). **Table 1** is a combined list of single and boundary cell claims and a summary of the claims data included in the Property. The area of the Property is approximately 2,126.58 hectares. The Property's southern, northeastern, eastern, and western boundaries straddle the properties of Rainy Mountain Royalty Corporation, Tashota Resources Inc., Kesselrun Resources Ltd., SPG Royalties Inc., and Parklane Securities Ltd., respectively (**Figure 3**).

3 ACCESSIBILITY, INFRASTRUCTURE, PHYSIOGRAPHY, AND CLIMATE

3.1 Access

The Property is accessed by driving west for approximately 112 km on Trans-Canada Highway 11/17 from Thunder Bay to Shabaqua Corner and from the west on Highway 11 to the village of Kashabowie (**Figure 1, Figure 3, and Figure 4**). From Kashabowie, continue westward on Highway 11 for about 20 km to Swamp Road. Turn left on Swamp Road and drive south for approximately 32 km via Clay Road to the centre of the Property. Alternatively, the Property can also be reached from Highway 11/Swamp Road junction by continuing to drive west on the highway for about 20 km to Fortes Road. Turn left on Fortes Road and drive south for approximately 23 km to Clay Road. Turn right on Clay Road and drive for about 10 km to the centre of the Property. Numerous secondary logging and bush roads provide easy access to most parts of the Property.

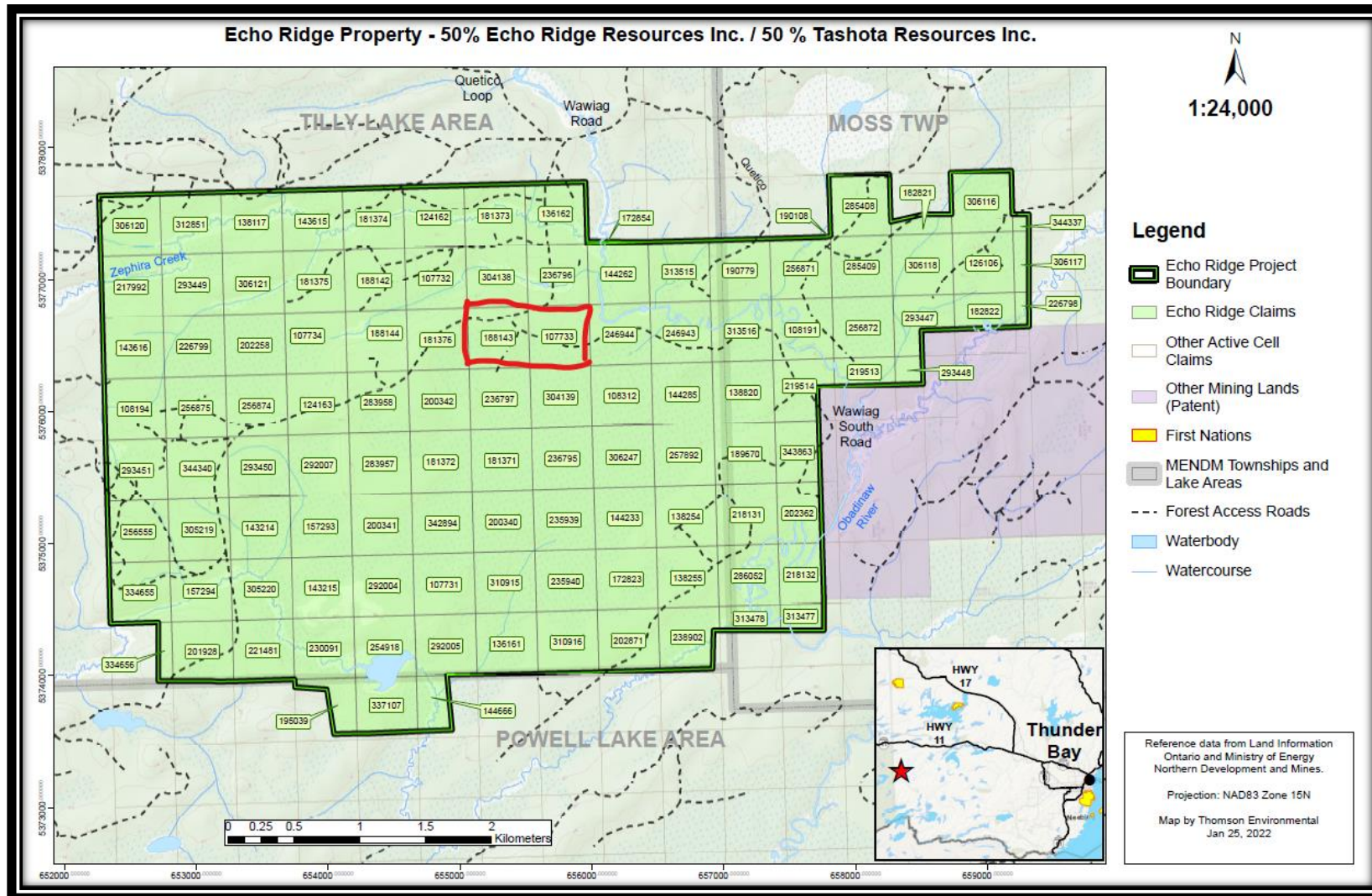


Figure 2. Echo Ridge Property claim map, northwestern Ontario. Drilling conducted on cell claims 188144 and 107734) is shown by a red rectangle on the claim map.

Table 1. List of claims and related summary – Echo Ridge property. Also, showing the green highlighted cell claims (107734 and 188144) where 2021 drilling was conducted.

Township/Area	Tenure ID	Tenure Type	Tenure Status	Anniversary Date	Holder	Area (ha)	Work Required	Work Applied	Balance	Active Permit ID
TILLY LAKE	107731	SCMC	Active	May 21, 2022	ERI 100%	21.40	\$ 400	\$ -	\$ -	
TILLY LAKE	107732	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 400	\$ -	
TILLY LAKE	107733	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 400	\$ -	PR-19-000018
TILLY LAKE	107734	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ -	\$ -	PR-19-000018
MOSS Twp	108191	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 400	\$ -	PR-19-000018
TILLY LAKE	108194	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 200	\$ -	PR-19-000018
TILLY LAKE	108312	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ -	\$ -	PR-19-000018
TILLY LAKE	124162	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 400	\$ -	PR-19-000018
TILLY LAKE	124163	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ -	\$ -	PR-19-000018
MOSS Twp	126106	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 400	\$ -	PR-19-000018
TILLY LAKE	136161	BCMC	Active	May 21, 2022	ERI 100%	21.33	\$ 200	\$ -	\$ -	PR-19-000018
TILLY LAKE	136162	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 400	\$ -	PR-19-000018
TILLY LAKE	138117	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ -	\$ -	PR-19-000018
TILLY LAKE	138254	SCMC	Active	May 21, 2022	ERI 100%	21.40	\$ 400	\$ -	\$ -	PR-19-000018
TILLY LAKE	138255	SCMC	Active	May 21, 2022	ERI 100%	21.40	\$ 400	\$ -	\$ -	PR-19-000018
MOSS Twp/TILLY LAKE	138820	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 400	\$ -	PR-19-000018
TILLY LAKE	143214	SCMC	Active	May 21, 2022	ERI 100%	21.40	\$ 400	\$ 400	\$ -	PR-19-000018
TILLY LAKE	143215	SCMC	Active	May 21, 2022	ERI 100%	21.40	\$ 400	\$ 400	\$ -	PR-19-000018
TILLY LAKE	143615	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ -	\$ -	PR-19-000018

TILLY LAKE	143616	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ -	\$ -	PR-19-000018
TILLY LAKE	144233	SCMC	Active	May 21, 2022	ERI 100%	21.40	\$ 400	\$ -	\$ -	PR-19-000018
TILLY LAKE	144262	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 400	\$ -	PR-19-000018
TILLY LAKE	144285	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 400	\$ -	PR-19-000018
POWELL LAKE/TILLY LAKE	144666	BCMC	Active	May 21, 2022	ERI 100%	10.15	\$ 200	\$ 200	\$ -	PR-19-000018
TILLY LAKE	157293	SCMC	Active	May 21, 2022	ERI 100%	21.40	\$ 400	\$ 400	\$ -	PR-19-000018
TILLY LAKE	157294	SCMC	Active	May 21, 2022	ERI 100%	21.40	\$ 400	\$ 400	\$ -	PR-19-000018
TILLY LAKE	172823	SCMC	Active	May 21, 2022	ERI 100%	21.40	\$ 400	\$ -	\$ -	PR-19-000018
TILLY LAKE	172854	BCMC	Active	May 21, 2022	ERI 100%	0.38	\$ 200	\$ 200	\$ -	PR-19-000018
TILLY LAKE	181371	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ -	\$ -	PR-19-000018
TILLY LAKE	181372	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ -	\$ -	PR-19-000018
TILLY LAKE	181373	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 400	\$ -	PR-19-000018
TILLY LAKE	181374	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ -	\$ -	PR-19-000018
TILLY LAKE	181375	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ -	\$ -	PR-19-000018
TILLY LAKE	181376	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 400	\$ 300	PR-19-000018
MOSS Twp	182821	BCMC	Active	May 21, 2022	ERI 100%	6.05	\$ 200	\$ 200	\$ -	PR-19-000018
MOSS Twp	182822	SCMC	Active	May 21, 2022	ERI 100%	12.16	\$ 200	\$ 200	\$ -	PR-19-000018
TILLY LAKE	188142	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ -	\$ -	PR-19-000018
TILLY LAKE	188143	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 400	\$ -	PR-19-000018
TILLY LAKE	188144	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 400	\$ 101	PR-19-000018
MOSS Twp/TILLY LAKE	189670	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 400	\$ -	PR-19-000018
MOSS Twp	190108	BCMC	Active	May 21, 2022	ERI 100%	0.01	\$ 200	\$ 200	\$ -	PR-19-000018
TILLY LAKE	190778	BCMC	Active	May 21, 2022	ERI 100%		\$ 200	\$ 200	\$ -	PR-19-000018
MOSS Twp/TILLY LAKE	190779	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 200	\$ -	PR-19-000018

POWELL LAKE/TILLY LAKE	195039	BCMC	Active	May 21, 2022	ERI 100%	10.07	\$ 200	\$ 200	\$ -	PR-19-000018
TILLY LAKE	200340	SCMC	Active	May 21, 2022	ERI 100%	21.40	\$ 400	\$ -	\$ -	PR-19-000018
TILLY LAKE	200341	SCMC	Active	May 21, 2022	ERI 100%	21.40	\$ 400	\$ -	\$ -	PR-19-000018
TILLY LAKE	200342	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 400	\$ -	PR-19-000018
TILLY LAKE	201928	BCMC	Active	May 21, 2022	ERI 100%	21.13	\$ 200	\$ 200	\$ -	PR-19-000018
TILLY LAKE	202258	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ -	\$ -	PR-19-000018
MOSS Twp	202362	SCMC	Active	May 21, 2022	ERI 100%	15.47	\$ 200	\$ 200	\$ -	PR-19-000018
TILLY LAKE	202871	SCMC	Active	May 21, 2022	ERI 100%	21.40	\$ 400	\$ -	\$ -	PR-19-000018
TILLY LAKE	217992	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ -	\$ -	PR-19-000018
MOSS Twp/TILLY LAKE	218131	SCMC	Active	May 21, 2022	ERI 100%	21.40	\$ 400	\$ -	\$ -	PR-19-000018
MOSS Twp	218132	BCMC	Active	May 21, 2022	ERI 100%	15.50	\$ 200	\$ -	\$ -	PR-19-000018
MOSS Twp	219513	SCMC	Active	May 21, 2022	ERI 100%	9.51	\$ 200	\$ 200	\$ -	PR-19-000018
MOSS Twp	219514	SCMC	Active	May 21, 2022	ERI 100%	18.07	\$ 200	\$ 200	\$ -	PR-19-000018
TILLY LAKE	221481	SCMC	Active	May 21, 2022	ERI 100%	21.40	\$ 400	\$ 400	\$ -	PR-19-000018
MOSS Twp	226798	BCMC	Active	May 21, 2022	ERI 100%	2.73	\$ 200	\$ 200	\$ -	PR-19-000018
TILLY LAKE	226799	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ -	\$ -	PR-19-000018
TILLY LAKE	230091	SCMC	Active	May 21, 2022	ERI 100%	21.40	\$ 400	\$ 400	\$ -	PR-19-000018
TILLY LAKE	235939	SCMC	Active	May 21, 2022	ERI 100%	21.40	\$ 400	\$ -	\$ -	PR-19-000018
TILLY LAKE	235940	SCMC	Active	May 21, 2022	ERI 100%	21.40	\$ 400	\$ -	\$ -	PR-19-000018
TILLY LAKE	236795	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ -	\$ -	PR-19-000018
TILLY LAKE	236796	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 400	\$ -	PR-19-000018
TILLY LAKE	236797	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 400	\$ -	PR-19-000018
TILLY LAKE	238902	BCMC	Active	May 21, 2022	ERI 100%	19.84	\$ 200	\$ -	\$ -	PR-19-000018
TILLY LAKE	246943	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 400	\$ -	PR-19-000018
TILLY LAKE	246944	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 400	\$ -	PR-19-000018
TILLY LAKE	254918	SCMC	Active	May 21, 2022	ERI 100%	21.40	\$ 400	\$ -	\$ -	PR-19-000018
TILLY LAKE	256555	SCMC	Active	May 21, 2022	ERI 100%	21.40	\$ 400	\$ 200	\$ -	PR-19-000018

MOSS Twp	256871	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 200	\$ -	PR-19-000018
MOSS Twp	256872	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 400	\$ -	PR-19-000018
TILLY LAKE	256874	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 400	\$ -	PR-19-000018
TILLY LAKE	256875	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 400	\$ 70	PR-19-000018
TILLY LAKE	257892	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 400	\$ -	PR-19-000018
TILLY LAKE	283957	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ -	\$ -	PR-19-000018
TILLY LAKE	283958	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 400	\$ -	PR-19-000018
MOSS Twp	285408	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 200	\$ -	PR-19-000018
MOSS Twp	285409	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 400	\$ -	PR-19-000018
MOSS Twp/TILLY LAKE	286052	SCMC	Active	May 21, 2022	ERI 100%	21.40	\$ 400	\$ -	\$ -	PR-19-000018
TILLY LAKE	292004	SCMC	Active	May 21, 2022	ERI 100%	21.40	\$ 400	\$ -	\$ -	PR-19-000018
TILLY LAKE	292005	BCMC	Active	May 21, 2022	ERI 100%	21.32	\$ 200	\$ -	\$ -	PR-19-000018
TILLY LAKE	292007	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ -	\$ -	PR-19-000018
MOSS Twp	293447	SCMC	Active	May 21, 2022	ERI 100%	16.38	\$ 200	\$ 200	\$ -	PR-19-000018
MOSS Twp	293448	SCMC	Active	May 21, 2022	ERI 100%	4.30	\$ 200	\$ 200	\$ -	PR-19-000018
TILLY LAKE	293449	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ -	\$ -	PR-19-000018
TILLY LAKE	293450	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ -	\$ -	PR-19-000018
TILLY LAKE	293451	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ -	\$ -	PR-19-000018
TILLY LAKE	304138	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 400	\$ -	PR-19-000018
TILLY LAKE	304139	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ -	\$ -	PR-19-000018
TILLY LAKE	305219	SCMC	Active	May 21, 2022	ERI 100%	21.40	\$ 400	\$ 400	\$ -	PR-19-000018
TILLY LAKE	305220	SCMC	Active	May 21, 2022	ERI 100%	21.40	\$ 400	\$ 400	\$ -	PR-19-000018
MOSS Twp	306116	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 200	\$ -	PR-19-000018
MOSS Twp	306117	BCMC	Active	May 21, 2022	ERI 100%	5.30	\$ 200	\$ 200	\$ -	PR-19-000018
MOSS Twp	306118	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 400	\$ -	PR-19-000018
TILLY LAKE	306120	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ -	\$ -	PR-19-000018
TILLY LAKE	306121	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ -	\$ -	PR-19-000018
TILLY LAKE	306247	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ -	\$ -	PR-19-000018
TILLY LAKE	310915	SCMC	Active	May 21, 2022	ERI 100%	21.40	\$ 400	\$ -	\$ -	PR-19-000018

TILLY LAKE	310916	BCMC	Active	May 21, 2022	ERI 100%	21.40	\$ 200	\$ -	\$ -	PR-19-000018
TILLY LAKE	312851	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ -	\$ -	PR-19-000018
MOSS Twp	313477	BCMC	Active	May 21, 2022	ERI 100%	6.36	\$ 200	\$ -	\$ -	PR-19-000018
MOSS Twp/TILLY LAKE	313478	BCMC	Active	May 21, 2022	ERI 100%	8.35	\$ 200	\$ -	\$ -	PR-19-000018
TILLY LAKE	313515	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 200	\$ -	PR-19-000018
MOSS Twp/TILLY LAKE	313516	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 400	\$ -	PR-19-000018
TILLY LAKE	334655	SCMC	Active	May 21, 2022	ERI 100%	21.40	\$ 400	\$ 200	\$ -	PR-19-000018
TILLY LAKE	334656	BCMC	Active	May 21, 2022	ERI 100%	4.71	\$ 200	\$ 200	\$ -	PR-19-000018
POWELL LAKE/TILLY LAKE	337107	BCMC	Active	May 21, 2022	ERI 100%	19.30	\$ 200	\$ 200	\$ -	PR-19-000018
TILLY LAKE	342894	SCMC	Active	May 21, 2022	ERI 100%	21.40	\$ 400	\$ -	\$ -	PR-19-000018
MOSS Twp	343863	SCMC	Active	May 21, 2022	ERI 100%	15.43	\$ 200	\$ 200	\$ -	PR-19-000018
MOSS Twp	344337	BCMC	Active	May 21, 2022	ERI 100%	1.53	\$ 200	\$ 200	\$ -	PR-19-000018
TILLY LAKE	344340	SCMC	Active	May 21, 2022	ERI 100%	21.39	\$ 400	\$ 167	\$ -	PR-19-000018
	112					2,126.58	\$ 39,600		\$ 471	

Abbreviations: SCMC = Single Cell Mining Claim; BCMC = Boundary Cell Mining Claim

ERI = Echo Ridge Resources Inc.

*Cell claims highlighted in green (Cell # 107734 and 188144) were the subject of the current drilling.

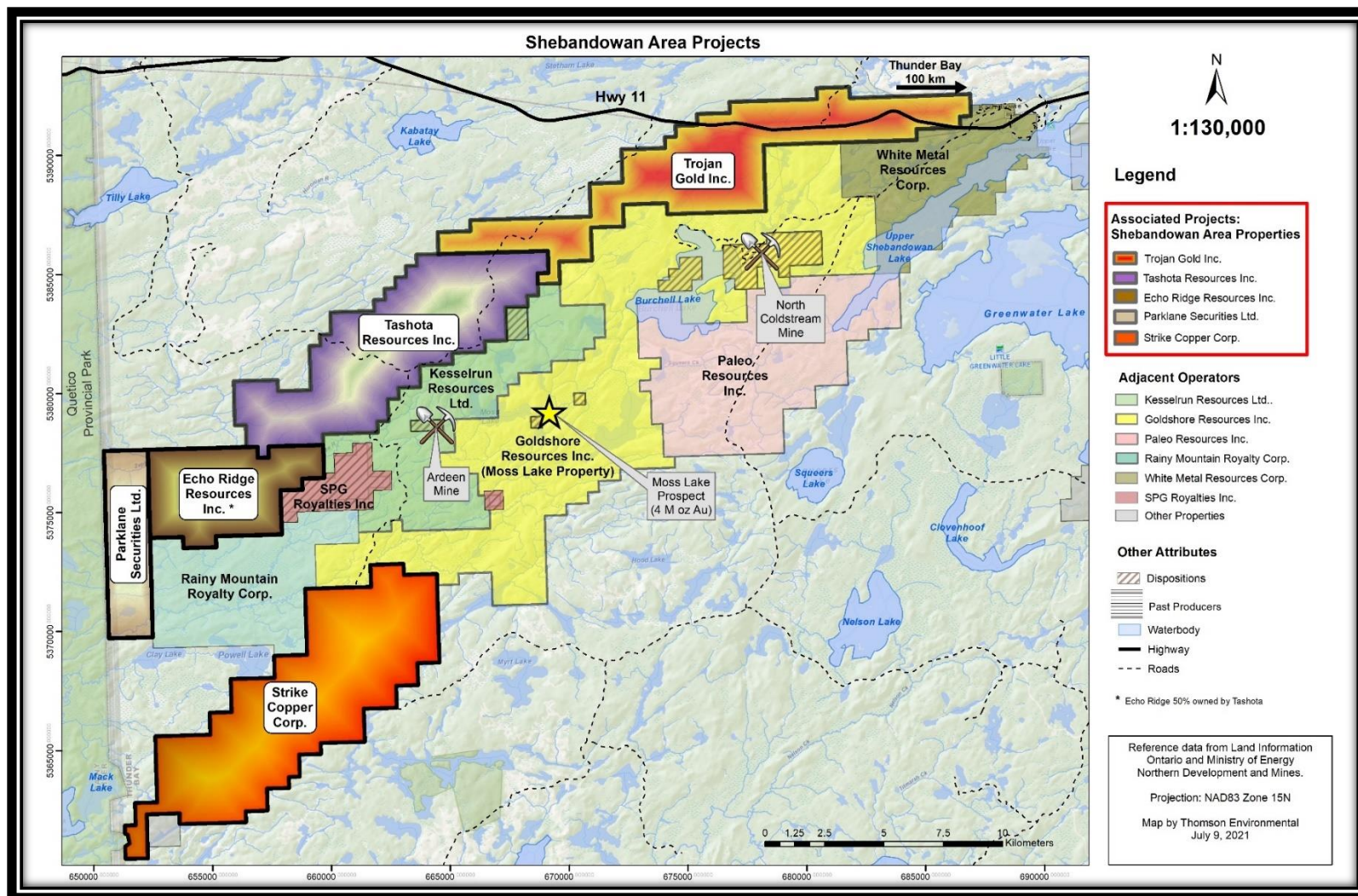


Figure 3. Mining property holders in the western part of the Shebandowan greenstone belt (claim boundaries are as of July 9, 2021).

3.2 Infrastructure

The C.N. rail and power lines pass 25 to 30 km north of the Property (**Figure 1 and Figure 4**). The nearby city of Thunder Bay is an important shipping and transportation hub, and the Canadian National and Pacific Railways service Thunder Bay. The Port of Thunder Bay is the largest outbound port on the St. Lawrence Seaway System and the sixth-largest port in Canada.

Skilled labour, mining, and specialized exploration services and equipment are readily available from the City of Thunder Bay. General labour, prospectors, and heavy machinery contractors are available from the nearby villages of Kashabowie, Shebandowan, Shabaqua Corner, and the town of Atikokan. Accommodations are available in Atikokan, Sapawe, and from fishing and hunting lodges.

3.3 Physiography

The Echo Ridge Project area terrain consists of rolling hills with relief rarely more significant than 20 metres. The overburden on these ridges is relatively thin, generally 1 to 3 metres in-depth, and consists of sandy till that is locally boulder laded. Most of the project area has been logged recently, and vegetation in the elevated terrains now consists of a thick re-growth of spruce, fir, and pine, interrupted by local stands of mature white pines. Muskeg, alder swamps, and dense growths of cedar locally cover the low-lying areas.

Although the Property is crisscrossed by numerous creeks (e.g., Tilly Creek) and seasonal streams, it has no significant water body. The nearest relatively large water bodies occurring approximately 5 km south of the Property are Powell and Clay lakes. The two largest lakes, McGinnis and Moss lakes, are located about 10 km southeast and 12 km east-northeast of the Echo Ridge property.

Bedrock exposure is relatively good within and adjacent areas of the Property. In regions of metasedimentary and gabbroic rocks on the Property, the topography consists of northeast-trending ridges and lineaments reflecting the trend of these rocks.

3.4 Climate

The climate is typical of northwestern Ontario, with extreme seasonal variations. Temperatures average 20°C in July and -17°C in January; they reach over 30°C in summer and -40°C in January and February. Annual precipitation averages 660 mm, with roughly one-quarter falling as snow.

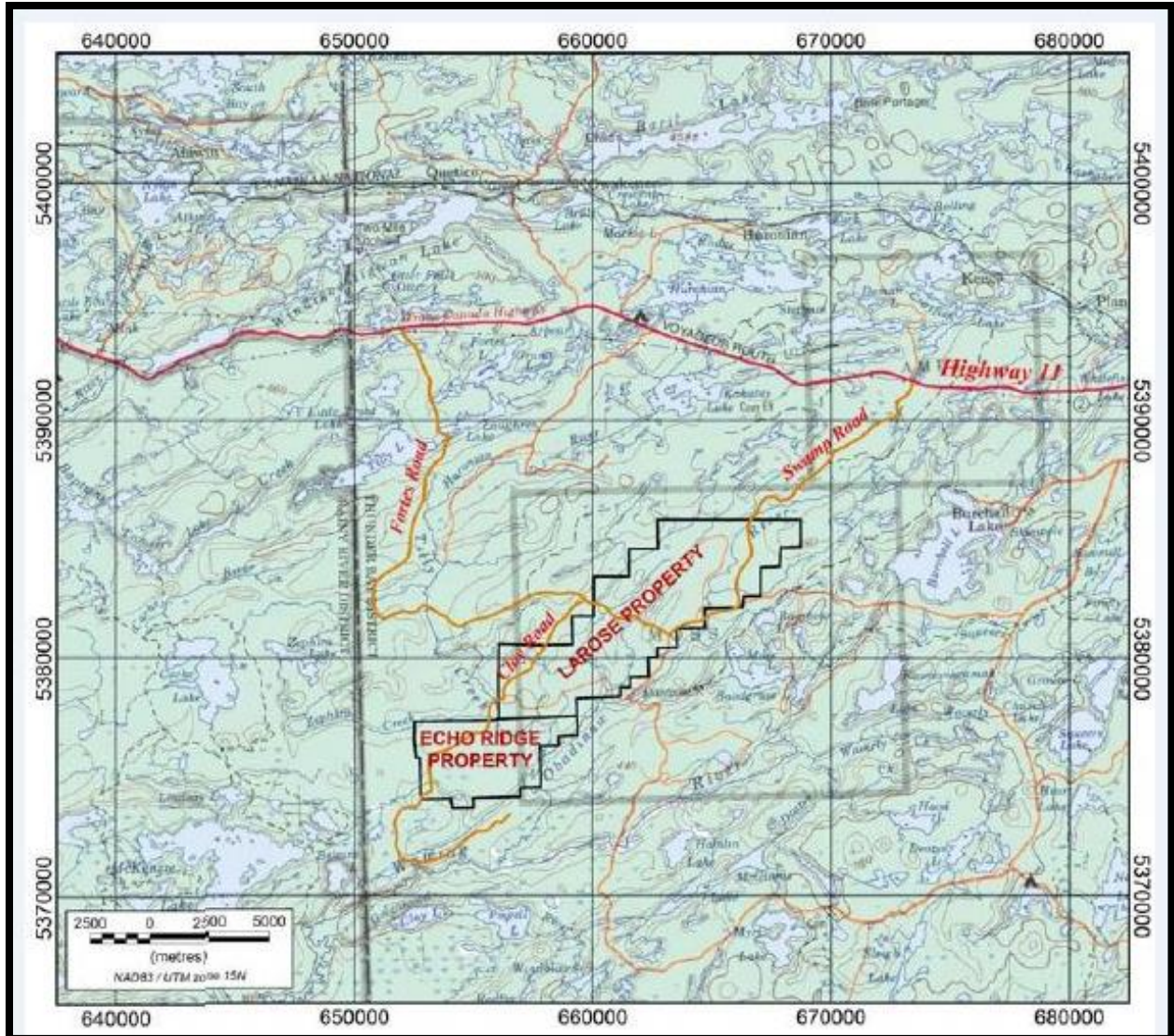


Figure 4. Topographic map showing access roads and other infrastructures – Echo Ridge Property. The map is also showing the Larose Property of Tashota Resources Inc. straddling the northeastern claim boundary of the Echo Ridge property.

4 EXPLORATION HISTORY

The following account of past work on the Echo Ridge Property is taken mainly from Osmani (2018, 2022).

Copper mineralization was first discovered in 1966 by Harris (1970) within the north-central part of the current Echo Ridge property. The copper-bearing minerals such as chalcopyrite, malachite, and pyrite, reported by Harris (1970) to occur in a sheared, medium-grained quartz diorite, about 60 m north of the contact between the metasedimentary and the diorite sill-like body. The northeast-trending (~050°) sheared mineralized zone is 15 m wide and was traced by Harris (1970)

for about 45 m along the strike. The highly mineralized section reportedly contains about 3% pyrite and 1% chalcopyrite as disseminations throughout the rock.

No exploration work occurred from the initial discovery of Harris (1970) until 1990, when Noranda Exploration Company Limited conducted a comprehensive exploration work program on the current Echo Ridge Property. The exploration work included geological mapping and geophysical surveys (ground magnetic and IP/resistivity), whole-rock geochemical sampling, trenching, and drilling (Chubb 1990a and 1990b, Thomson 1990, Thomson and Chubb 1990) (**Figure 5**). Geological mapping and sampling were carried out on cut grid lines. Assay results from grab samples range from nil to up to 13.30 g/t Au and up to 4.2% Cu. A total of 180 samples were collected, but only half were analyzed for whole-rock (WR) geochemical analysis. The WR results were used to identify specific geochemical trends on the Property. For example, anomalous strontium (Sr) values were found to the west of the gold mineralization, and areas of anomalously high K₂O, Na₂O, and Ba were associated with lower gold values. Three trenches (Trench #1, #2a, and #2b) were dug out based on areas exhibiting anomalous visible alteration/mineralization and geophysical I.P. targets. These trenches were sampled and analyzed, but their assay results were reported pending (Thompson and Chubb 1990). Four drill holes, totaling 449 meters, were drilled on the current claim (#4274791) of the Echo Ridge property. The results of the drilling are shown in **Table 2**.

Between 1991 and 1996, Russell Kwiatkowski and Ed Kukkee conducted various exploration programs in the most southwestern claims (3019965, 3019966, 3020000, and 4282349) of the Echo Ridge property (**Figure 5**). These work programs consisted of prospecting, trenching, and diamond drilling. Number of grab samples have assayed from 0.11% to 14.4% Cu, 0.036 oz/T Au to 0.89 oz/T Au and 0.16% to 0.31% Mo. Three out of five trenches dug out south of Elephant Lake in 1992 gave following results: Trench #2A – 0.02 g/T Au and 0.08% Mo; Trench #3 – 0.67 g/T Au, 0.44% Mo, 1.85% Cu and 0.24 g/T Au, 0.14% Mo, 2.42% Cu; Trench #4 – 0.20 g/T Au.

A fourth stripped area exposed mineralization at the Cu-Mo occurrence just west of the road on the Echo Ridge property (Thomson 1991 in Bowdidge 2016). In 1992, three holes (DDH #92-1, #92-2, and #92-3), totaling 113.0 metres, were drilled in the Elephant Lake area on claims 301996 and 3019965 of the current Echo Ridge property. The best result was obtained from DDH #92-2 (6.1 m grading 0.021 oz/Au, 0.28% Cu and 0.08% Mo, including 1.52 m grading 0.041 oz/t Au, 0.42% Cu and 0.24% Mo). In 1994, Russell Kwiatkowski and Ed Kukkee drilled a single hole, totaling 87 metres, at Elephant Lake. The drill hole intersected widespread disseminated sulphides in a porphyritic phase of the Obadinaw granodiorite. Drill core samples reportedly assayed up to 0.11% Mo over 0.49 m, 0.91% Cu over 0.40 m, 0.82 oz/Ag over 0.30 m, and 0.036 oz/Au over 0.46 m (Kukkee 1994).

In 1997, Costy Bumbu excavated and stripped a series of trenches on quartz veins and sulphide zones near the east-central claim boundary (claim #4282348) on the Echo Ridge property (Larouche 1997) (**Figure 5**). Anomalous gold and copper values were reported from many grab samples. In the same year, immediately south of the Echo Ridge property, Ken Kukkee carried out prospecting and overburden removal by a backhoe on his Powell Lake property (claim #1216482). A total of 203 grab samples were collected and analyzed for gold. Rock samples with anomalous gold-bearing areas were trenched across and along the strike for up to 40 metres. Assay values of

up to 6.23 g/t Au over 7.0 m and 2.42 g/t Au over 1.0 m are reported from the trenched areas (Kukkee 1998).

In 1998, three test holes (KK98-1 through KK98-3), totaling 76.20 metres, were drilled by Ken Kukkee on the same claim (#1216482) that he trenched in 1997. The best assay results from these holes are 1.08 g/t Au over 3.5 m (DDH KK98-1), 1.16 g/t Au over 3.0 m, and 1.5 g/t over 1.5 m (DDH KK98-2), and 0.227 g/t Au over 1.5 m (DDH KK98-3) (Kukkee 1998).

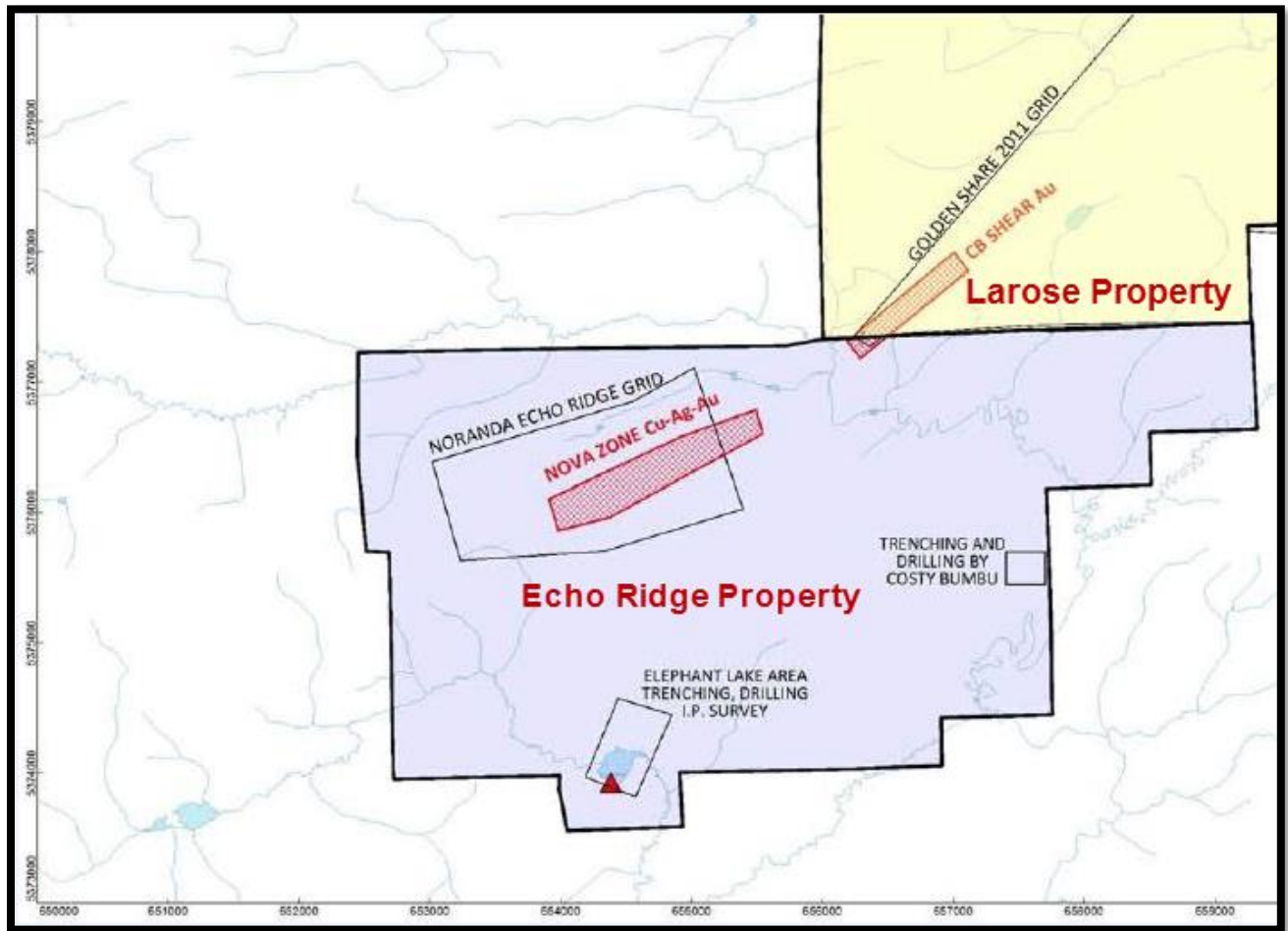


Figure 5. Areas of significant past exploration activities on the Echo Ridge property. **Note:** the 2021 drilling was conducted within the Nova Zone.

Table 2. Drill hole results – Noranda Exploration Company Limited.

Drill Hole	Copper (%)	Gold (g/T)	Silver (g/T)	Width (m)
NT-90-1	0.13 <i>incl. 0.58</i>	<i>0.10</i>	<i>7.70</i>	65.0 <i>8.0</i>
NT-90-2	0.07 <i>incl. 1.0</i>	<i>0.518</i>	<i>31.8</i>	71.0 <i>1.0</i>
NT-90-3	0.28 <i>incl. 0.55</i>	<i>0.04</i>	n/a	26.0 <i>7.0</i>

NT-90-4	NSV	NSV	NSV	n/a
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NSV: no significant values. n/a: not applicable.

Table 3. Drill hole results - 6078559 Canada Inc. (Larouche 2003).

Drill Hole	Gold Mineralization (g/T)	Width (m)
ML-03-01	0.111	0.90
ML-03-02	0.071	0.60
ML-03-03	0.127	1.00
ML-03-04	Background values	n/a
ML-03-05	0.022	1.10
ML-03-06	0.075	1.10
ML-03-07	0.698	1.30
ML-03-08	0.466	1.50
ML-03-09	0.061	0.50
ML-03-10	0.141	1.00
ML-03-11	1.198	1.00

In 2003, a numbered company (6078559 Canada Inc.), owned by Costy Bumbu, drilled eleven holes, totalling 1093 m, near the east-central claim boundary of the Property (**Figure 5 and Figure 6**). Of the eleven drill holes, two holes (ML-03-04 and ML-03-11) totaling 310 metres, were drilled outside the 1997 trenched area (Larouche 1997). Only gold assays from all drill holes were reported (Larouche 2003a, 2003b). The highest gold value for each hole is shown in **Table 3**.

In 2004, Geotech Ltd. flew a helicopter-borne time-domain electromagnetic (TDEM) survey for joint-venture partners Canadian Golden Dragon Resources Ltd., East-West Resources Corporation, and Maple Minerals Corporation (Caven 2005 in Campbell et al. 2012).

Between 2005 and 2006, Golden Dragon Resources Inc. carried out an I.P. survey and drilled two diamond drill holes in the Elephant Lake area in southwestern claims of the Property. Drill hole EL06-01 intersected with sporadic mineralization, assaying up to 0.56% Cu over 0.40 m and 0.27% Mo over 0.20 m (Rajnovich 2006).

In 2011, the Thunder Bay Resident Geologist Office staff visited the Echo Ridge property twice. During each visit, outcrops exposed along the logging roads were observed, and several mineralized (pyrite, chalcopyrite, malachite) grab samples of sheared diorite and metasedimentary rocks were collected for geochemical analysis. Most of these samples returned anomalous copper, gold, and molybdenum values. In the fall of the same year, Mr. Don Hoy for Wolfden Resources Corp. collected and analyzed several grab samples from the Echo Ridge property. Copper values

ranging from 6,806 ppm (0.68%) to 69,696 ppm (~7%) are reported from these samples (Campbell et al., 2012). A few samples also yielded anomalous gold and molybdenum values.

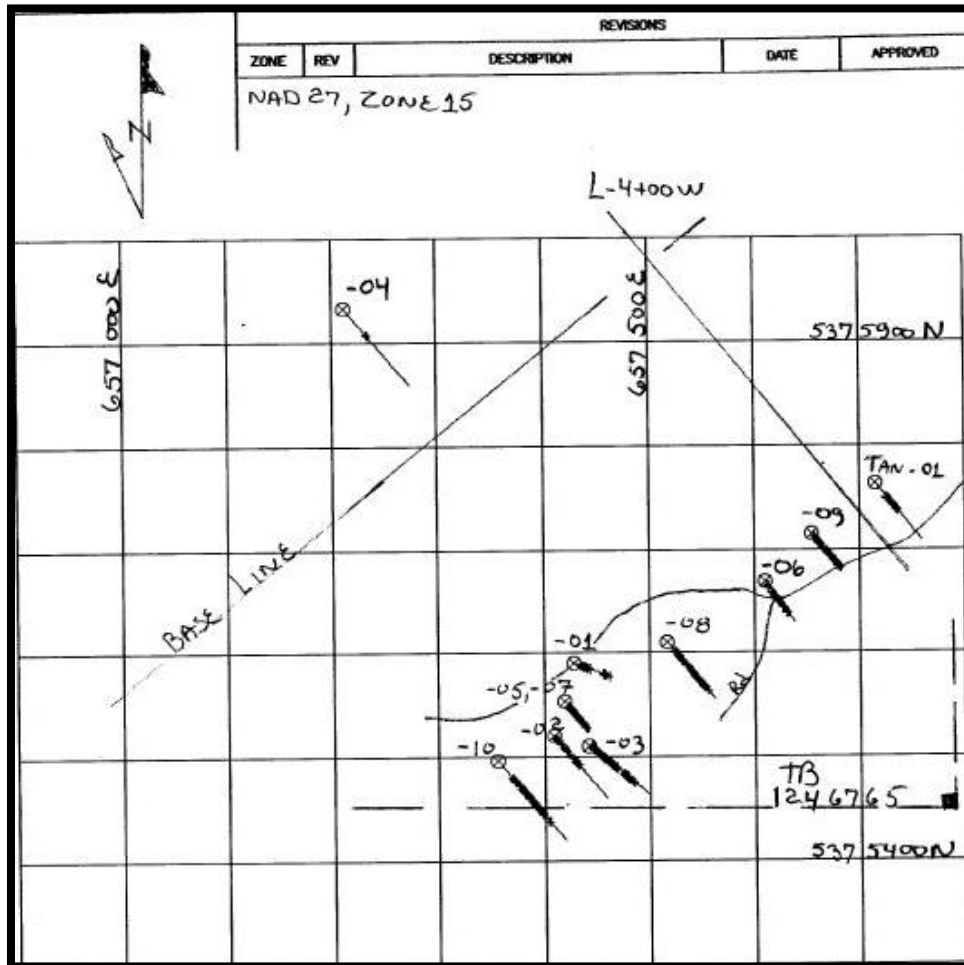


Figure 6. 2003 Diamond drill hole plan map - 6078559 Canada Inc. The drilling conducted in 1997 trenched areas is shown in Figure 5 and Figure 7.

In 2014, Echo Ridge Resources Inc. revisited some historical trenches along the current eastern property boundary on claim 4282348 (**Figure 5 and Figure 7**) that were initially excavated in 1997 by Costy Bumbu (Larouche 1997). Echo Ridge Resources Inc. re-mapped and re-sampled these trenches (Bowdidge 2014) and reported several grab samples yielding weakly to highly anomalous gold values. The best assay results are reported from three trenches (Trench-3, Trench-5, and Trench-6). Trench-3, which produced the highest gold value (7.5 g/T Au) of all the trenches, is underlain by up to 20-metre-wide schistose metagreywacke with minor disseminated pyrite±chalcopyrite. The highest gold value (7.5 g/T) was returned by a grab sample taken from the east side of the trench with a sulphide-rich band containing 5-10% disseminated pyrite, traces of chalcopyrite, and a modest amount of malachite staining on weathered surfaces. No copper value is reported. Grab samples from Trench-5, located around 200 m southwest of Trench-3, have assayed several anomalous gold values. Still, the best value (0.94 g/T Au) was obtained from a

grab sample taken from an 8-meter long, 15-20 cm wide, heavily pyritized arcuate quartz vein cutting through the metagreywacke. Trench-6, located approximately 100 m northeast of Trench-3, is underlain by 15 m wide metagreywacke. A grab sample from a 7.0 metre long and up to 25

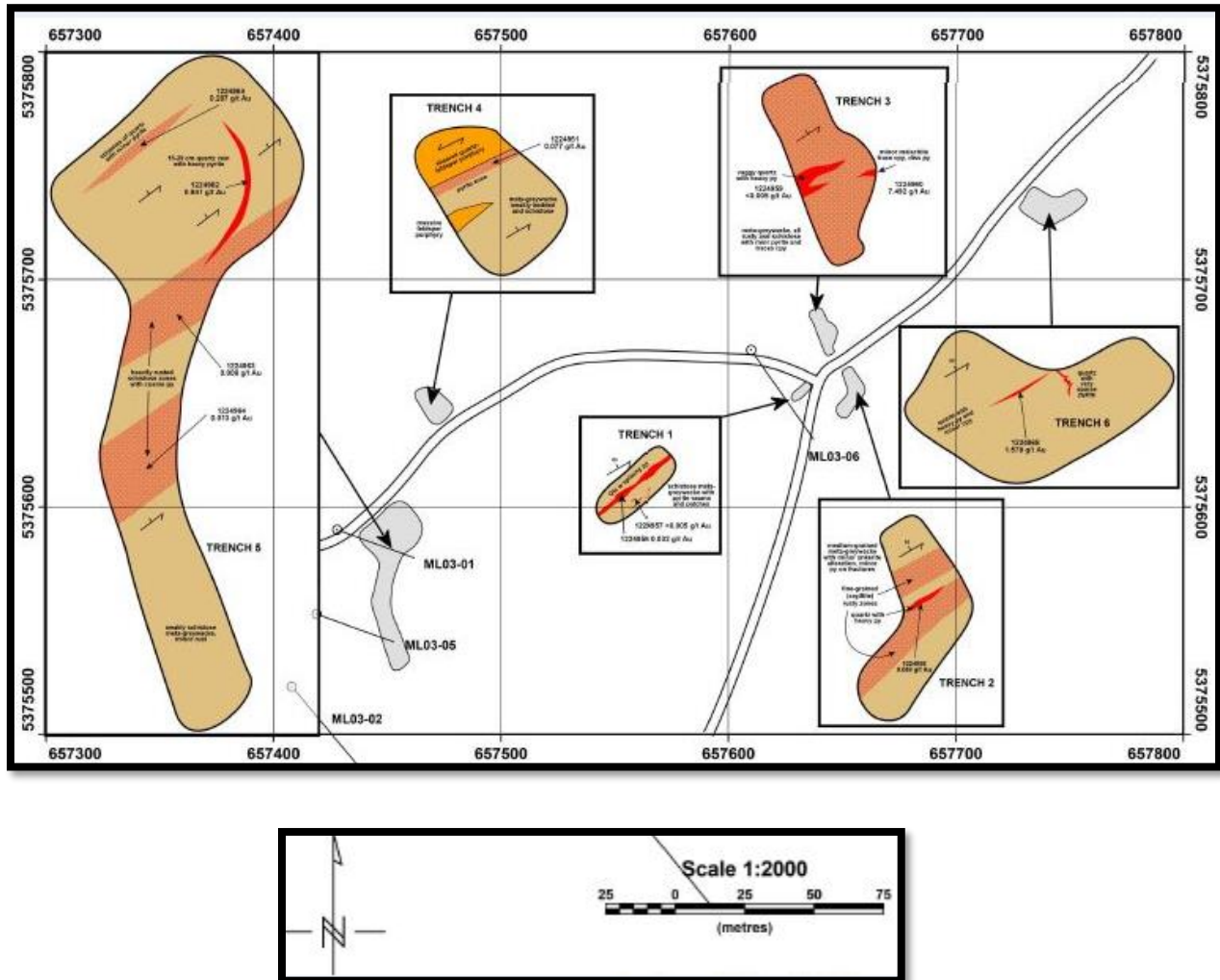


Figure 7. Plan map of historical trenches (a.k.a. 'Costy' trenches - Larouche 1997) showing new sampling and assay values with brief geological description Source: Bowdidge (2014).

cm wide, northeast-striking conformable quartz vein (parallel to bedding and foliation) with 10% disseminated pyrite and <1% chalcopyrite assayed 1.58 g/T gold. Gold mineralization associated with northeast-trending quartz veins is hosted within the schistose sediments 200 to 300 metres west of a major northeast-striking structure, the boundary Fault Zone (BFZ).

In 2017, Tashota Resources Inc. and Echo Ridge Resources Inc. carried out reconnaissance mapping and prospecting in the eastern half of the Property. Several grab samples reportedly yielded highly anomalous copper (up to 4.16%) and gold (up to 1910 ppb) values (Osmani 2018).

In 2020, a program of prospecting, litho-geochemical sampling, and mechanical stripping and trenching was conducted in the northwest-central parts of the Property. A total of 96 grab

samples were collected during the program. Trench mapping was completed in July 2021, and an additional four grab samples were taken from selected trenches (Osmani 2022).

5 GEOLOGICAL SETTING

5.1 Regional Geology (taken from Osmani 2018, 2022)

The Echo Ridge property predominantly occurs within the metasedimentary rocks of the Quetico Terrane (QT), close to its boundary with the Shebandowan greenstone belt (SGB) of Wawa Terrane (WT) (**Figure 8 and Figure 9**). The curvilinear QT-WT boundary separates the Quetico metasedimentary rocks (~2.698 to 2.696 Ga) from the predominantly volcano-plutonic rocks of the W.T. (2.8 to 2.7 Ga) to the south. The northern Q.T. boundary with the western Wabigoon Terrane (3.4 to 2.7 Ga) is well-defined as the Seine River–Rainy Lake fault. East of Lake Nipigon, the boundary within the eastern Wabigoon appears to be an imbricate zone with an earlier history of structural telescoping (Devaney and Williams 1989; Tomlinson et al. 1996). The Q.T. consists predominantly of greywacke, derived migmatite, and granitic intrusions. Minor banded iron formation and slivers of massive to pillowed basalts also occur within the Quetico basin near the southern boundary of the Wawa terrane (Osmani 1996, 1997).

In the Echo Ridge project area, the western SGB is separated from the Quetico metasedimentary rocks by a major regional structure, the Boundary Fault Zone (BFZ). The faulted boundary zone varies up to several hundred metres wide and consists of numerous discrete, northeast-striking (30°-50°) shear zones. The BFZ and related splay shears in the boundary zone are hosts to gold mineralization in various rock types. The past gold producer Huronian Mine (produced 29,678 oz Au and 172,376 oz Ag - Harris 1970), located approximately 7.5 km northeast of the Echo Ridge property, is hosted by one of the splay structures related to BFZ near the western margin of the SGB. Gold at the Huronian Mine occurs in an en echelon quartz-carbonate veins hosted in chlorite-sericite carbonate schist of a mafic metavolcanic protolith.

A large shear-hosted gold deposit, the Moss Lake Gold (1.47 M ounces Au in *Measured & Indicated* and 2.51 M ounces Au in *Inferred* categories - <https://goldshoreresources.com>, August 30, 2021), currently developed by Goldshore Resources Inc., occurs 12 km northeast of Echo Ridge project (**Figure 9**). Gold mineralization at Moss Lake is associated with pyrite±chalcopyrite occurs in sheared/altered felsic to intermediate volcanic rocks, quartz-feldspar porphyry, and diorite.

The past producer, North Coldstream Mine (~ 102 million pounds Cu, 22 000 oz Au and 440, 000 oz Ag - Giblin 1964, Shklanka 1969), hosted by the highly altered (silicified) gabbroic intrusion, 14 km northeast of the Echo Ridge Property (**Figure 9**).

To the west of the faulted boundary, several significant shear-hosted gold mineralization zones have also been discovered within the metasedimentary rocks of the Quetico basin. These gold discoveries occur both adjacent to and as far as 2.0 km away from the Quetico-Wawa terrane

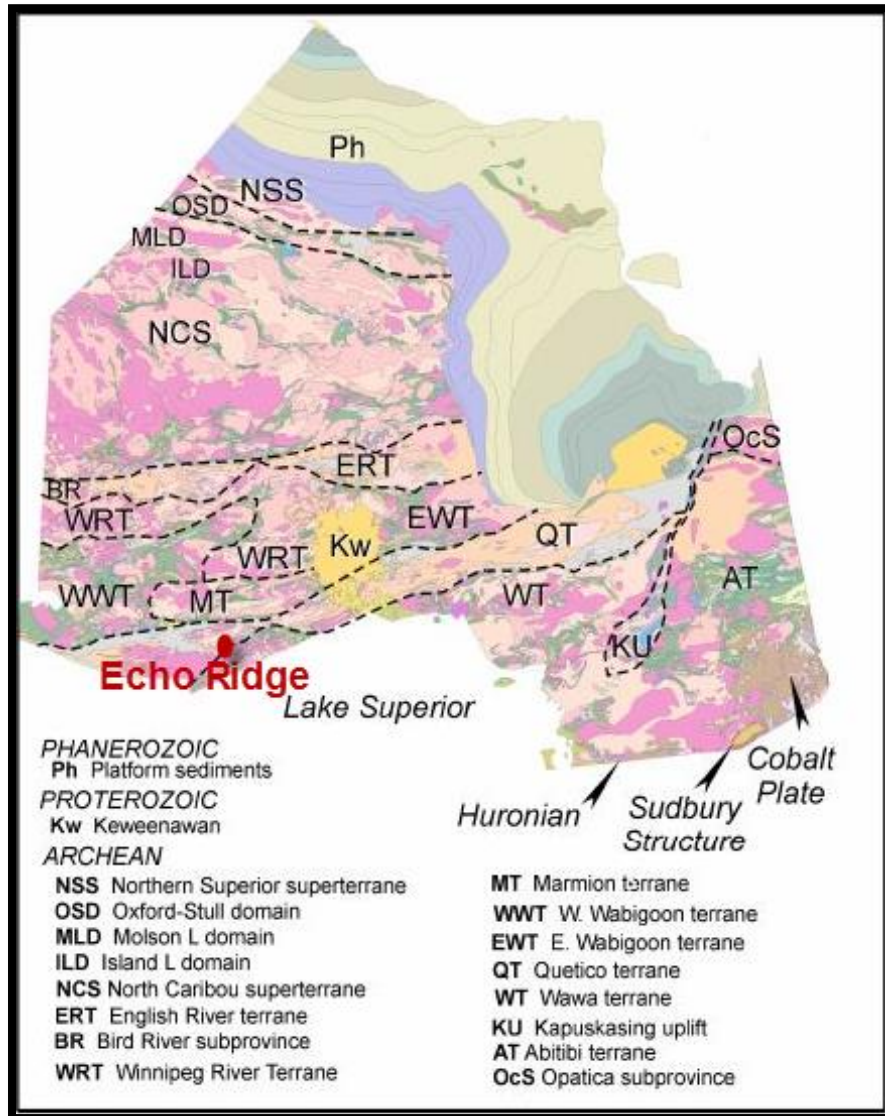


Figure 8. Geological map of Ontario (modified after Ontario Geological Survey 1991). Superimposed are subdivisions of the Superior Province (Percival and Easton 2007).

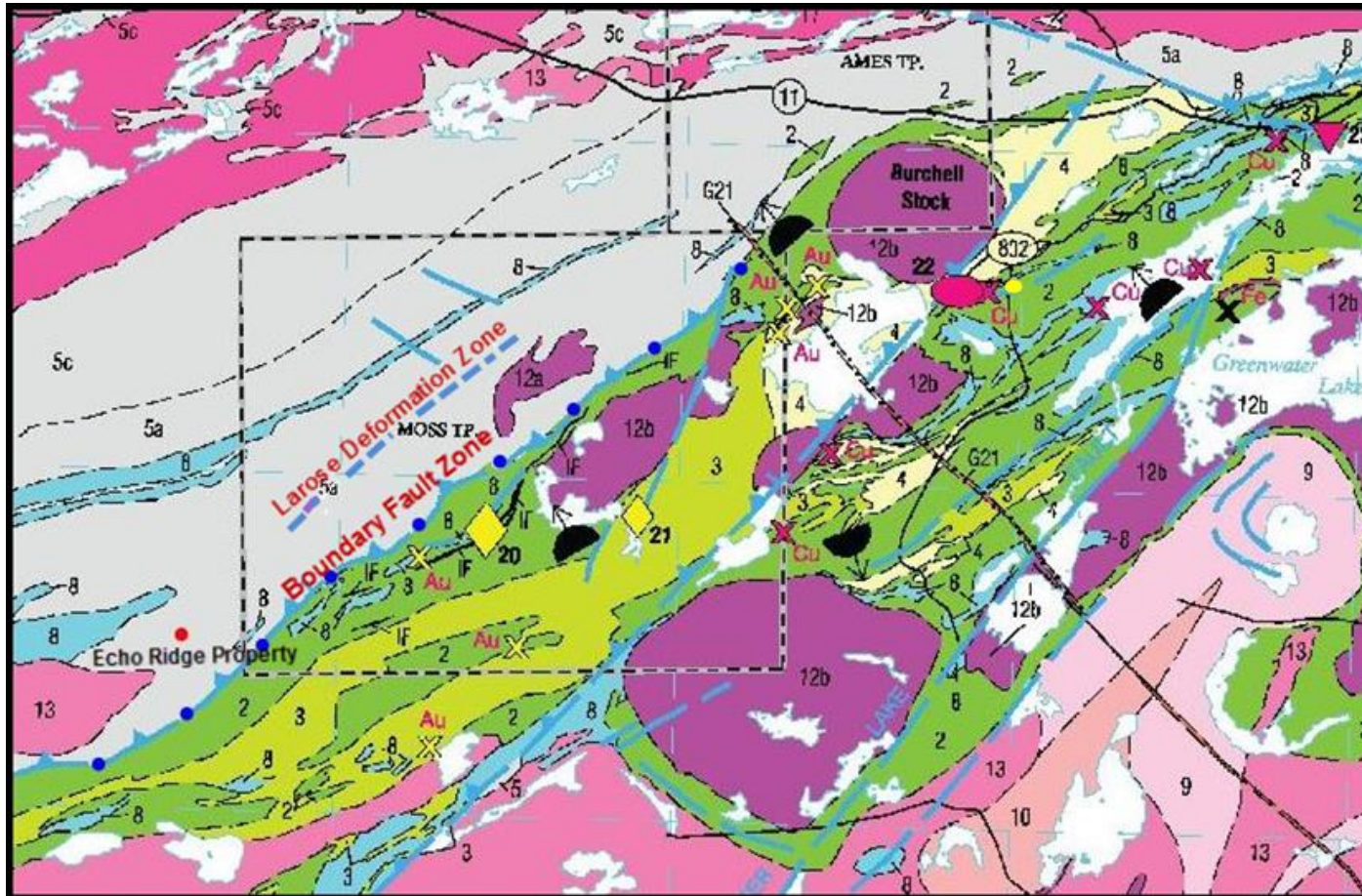


















Figure 9. Regional geology map showing the setting of Echo Ridge Property (red dot). The yellow dot southeast of the Burchell Stock indicates the location of the Osmani Gold Deposit. Sources: Santaguida (2001) and Osmani (1996, 1997, 2018, 2022).

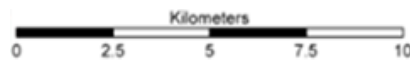
Legend^a

- 13** Granite-Granodiorite: massive to foliated texture
- 12** Diorite-Monzonite-Granodiorite: unsubsided Sanukitoid Intrusive Suite
- 10** Foliated Tonalite Suite
- 9** Gneissic Tonalite Suite
- 8** Gabbro: dikes
- 7** Ultramafic Plutonic Rocks: dikes
- 6** Coarse Clastic Sedimentary Rocks: volcanic rocks (Timiskaming-type supracrustal rocks)
6a Conglomerate
6b Alkalic volcanic rocks
- 5** Mixed Clastic Sedimentary Rocks: predominantly wacke
- 4** Felsic Volcanic Rocks: predominantly rhyolitic massive flows
- 3** Felsic and Intermediate Volcanic Rocks: unsubsided rhyolite, dacite and andesite
- 2** Mafic Volcanic Rocks: subaqueous basaltic flows, minor andesite
- 1** Ultramafic and Mafic Volcanic Rocks: komatiitic flows
- IF** Iron Formation

20. Kerry – <i>Huronian</i> – <i>Ardeen</i>	PP	Au, Ag
21. Snodgrass – <i>Moss Lake</i>	DP	Au
22. North Coldstream – <i>Tip Top</i>	PP	Cu, Au

SYMBOLS

- | | | | |
|---|---|---|----------------------|
|  | Geological boundary |  | Major highway |
|  | Geological boundary, interpreted from geophysical data |  | Secondary road |
|  | Fault and deformation zone (where present, arrows indicate sense of movement) |  | Railway |
|  | Major fold (syncline) |  | Township boundary |
|  | Major fold (anticline) |  | Provincial park |
|  | Thrust fault |  | Indian Reserve |
|  | Unconformity |  | International border |
|  | Iron formation | | |
|  | Regional stratigraphic younging direction (indicated by volcanic lava flow; by sedimentary feature) | | |



boundary. The most significant of these discoveries is the Larose prospect of Tashota Resources Inc. At Larose, gold occurs in cm-scale quartz-carbonate veins hosted within sheared (Larose Shear/Deformation Zone) and altered (oxidized, sericitized, and silicified) sedimentary and intermediate to felsic hypabyssal (feldspar±quartz porphyries) rocks.

5.2 Property Geology

The Echo Ridge property is primarily underlain by the clastic metasedimentary rocks of the Quetico Terrane (QT) (**Figures 9 and 10**).

The metasedimentary rocks comprised massive-to-thinly bedded, weakly graded metagreywacke and thinly bedded to finely laminated metasiltstone and metamudstone. Within high-strain zones, the metasedimentary rocks are variably converted to sericite±chlorite-quartz-biotite-feldspar schist. These metasedimentary rocks are intruded by large and small intermediate to mafic and felsic bodies. One of the largest intermediate to mafic intrusive bodies occurring in the western part of the Property is the "Tilly Lake Diorite Complex" (TLDC) (Osmani 2018).

The TLDC is host to widespread structurally controlled (shear/fracture-hosted) copper-gold-silver mineralization on the Property (Osmani 2018). The TLDC, which extends north-easterly from the west-southwest for approximately 4.7 km to the north-central part of the Property, is widest (1.43 km) in the southwest and narrowest (a few metres) in the northeast. The diorites of the TLDC have an average colour index of 25 to 40 and are mostly fine- to medium-grained diorite to quartz diorite and their derived schists.

Geochemically, samples of altered and least-altered varieties are predominantly average diorite, with some showing monzonite to monzodiorite and syenodiorite phases (Osmani 2018, 2021). The plagioclase is always epidotized, and amphibole grains are completely altered to chlorite. The diorites are obliterated within highly strained and altered zones and can only be distinguished as chlorite±biotite-sericite-plagioclase schist.

5.3 Structural Geology (Summarized from Osmani 2018 and 2022)

Tectonic foliation (S_1/S_2) in sedimentary rocks generally conforms to the bedding trends (S_0). Commonly, bedding and foliation strike northeast-southwest (050° to 065°), but the deflection (up to 075°) is noted proximal to Tilly Lake Granodiorite (TLG) and shear/fault zones. The dip of foliation and bedding ranges from 75° to 85° northeast or northwest.

Two main trends of shearing/faulting and associated fracturing occur on the Property: **1)** a northeast- to east-northeast (045° to 070°), and **2)** north-northeast (025° to 040°). The northeast- to east-northeast-trending structures characterize the most dominant deformation trend on the Property. The northwest (300° to 345°) and north-south striking fractures and faults are also observed, but they are not as extensive and abundant as the northeast-trending structures (Osmani 2018).

Osmani (2018) describes the dominant northeast- to east-northeast-striking structures as a series of parallel to subparallel macroscopic, brittle to ductile shears and fractures forming a broad deformation zone, the Tilly Lake Deformation Zone (TLDZ). The TLDZ, which marks the southern and northern boundaries of the TLDC in the northwestern part of the Property, is up to 825 m wide and 2800 m long. Deformation affecting the TLDC, and adjacent sedimentary rocks is often accompanied by syn- to post-tectonic hydrothermal fluids. These fluids alter the host rocks by silicification, carbonitization, chloritization, and sericitization. The TLDZ hosts several copper-gold-silver occurrences, some of which are drill-tested under the current drill program described below.

6 2021 Drill Program

A total of five diamond drill holes (ER21-01 to ER21-05, inclusive), totaling 368.58 metres, were collared on claims 107734 and 188144 and drilled under Exploration Permit No. PR-19-000018 (**Table 4**). These holes were drilled to test the mineralization encountered in the 2020 exploration trenching program at depth (**Figures 11 and 12**).

The drilling was carried out intermittently from July 07 to November 05, 2021, by the contractor Wally Magnussen of Custom Diamond Drilling Inc., Kakabeka Falls, Ontario. The hole was drilled BTW core size, and the acid test determining downhole dip deviations.

The drill core was brought by Tashota geologists and or technicians to the core logging and cutting facilities at Sapawe Hotel, located ~20 km west of Atikokan along Highway 11. The core was securely stored at the hotel facility while it was being processed, logged, and marked for sampling by the geologists. Currently, the half portion of drill cores from all five drill holes is securely stored in wooden core boxes at Sapawe Hotel.

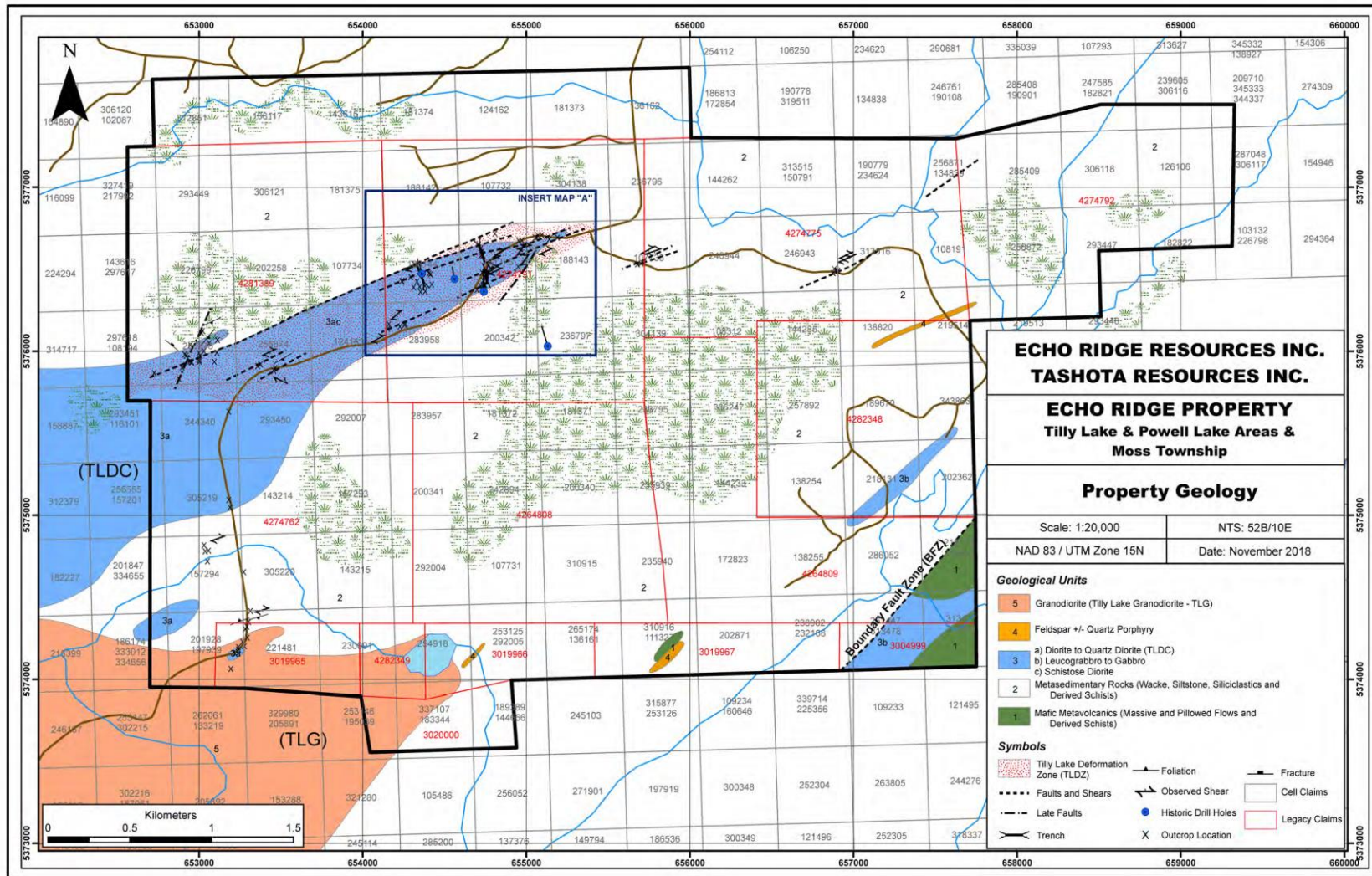


Figure 10. Geology map of the Echo Ridge Property. Geology was compiled by Osmani (1997, 2018) and Harris (1970).

Table 4. Diamond Drill Hole Statistics – Echo Ridge Project.

Drill Hole and claim Numbers	Easting	Northing	Date	Casing (m)	Length (m)	Dip (degrees)	Azimuth (degrees)	Target	Sample Numbers	Number of Samples
ER21-01 (Cell claim #107734)	0654115	5376390	July 07 to August 26, 2021	3.96	119.25	-46	300	Trench ER-5	W1128551- W1128607 and 904251- 904310	117
ER21-02 (cell claim #107734)	0654093	5376416	August 27 to September 08, 2021	1.63	63.09	-57	330	Trench ER-5	8904311- 8904374	64
ER21-03 (cell claim #188144)	0654250	5376423	September 10 to 19, 2021	2.74	21.95	-60	340	Trench 4	904375- 904389	15
ER21-04 (cell claim #188144)	0654377	5376487	September 22 to October 17, 2021	1.50	102.72	-50	326	Trench ER-7	8904390- 8904472	83
ER21-05 (cell claim #188144)	0654379	5376484	October 19 to November 05, 2021	2.0	61.57	-60	326	Trench ER-7	8904101- 8904161	61
			TOTAL	11.83	368.58					340

The drill hole ER21-01 was logged and sampled in part by I.A. Osmani, P.Geol. and Dr. Colin Bowdidge, P.Geol. The drill holes ER21-02, ER21-03, and ER21-04 were logged and sampled entirely by Dr. Colin Bowdidge and Gerry White, P. Geol., who logged and sampled the ER21-05. Detailed descriptions of drill holes, including relevant core photographs, are available in the drill logs in **Appendix 1**. The histograms on drill hole sections display gold and copper assays of drill core samples and are listed in **Appendix 2**.

6.1 Sampling and Analysis

All drill holes were cut from top to bottom. The core was cut into two halves using a diamond-bladed rock saw. One half was returned to the core boxes, and the other half was placed in plastic sample bags with bar-coded tags supplied by Actlabs, all under the direct supervision of Dr. Colin Bowdidge or Gerry White. Bagged samples were stored in the building, which was locked when it was unattended. The geologists or technicians placed the core samples (a total of 340) in rice bags and delivered them by pickup trucks in several batches to Activation Laboratories Ltd. (Actlabs) for preparation and analysis at their facility in Thunder Bay, Ontario. It should be noted that no blanks or standards were inserted into the sample stream by the company's geologists before sending them to the lab for analysis. However, Actlabs implemented its internal quality control procedures during the sample preparation and analysis.

Samples at the lab were crushed to 70% passing ten (10) mesh, and a 100-gram split of crushed material was pulverized to 75% passing 200 mesh. Pulverized/powdered samples (pulp) were analyzed using a standard fire assay procedure with AA finish on 30-gram splits, with the gold-silver bead dissolved in aqua regia. The final analysis of the solution was by ICP-OES (Inductively coupled plasma atomic emission spectroscopy). Samples assayed over ten ppm gold were re-run via fire assay with a gravimetric finish. Actlabs is a global company accredited and certified to the following standards: ISO/IEC 17025-2017 and ISO 9001-2015.

6.2 Drill Results

Three-hundred-forty (340) core samples were analyzed for gold, silver, copper, and other 33 trace elements. Three of the 340 core samples, in addition to traces, were also analyzed for Whole Rock (Major Oxides) for geochemical characterization of the rocks intersected in drill hole ER21-01 (samples #904251, 904277, and 904292).

The location of five drill holes is shown in **Figures 11 and 12**, and the results of all drill core samples are listed in **Appendix 2**, and a brief discussion of these results is given below.

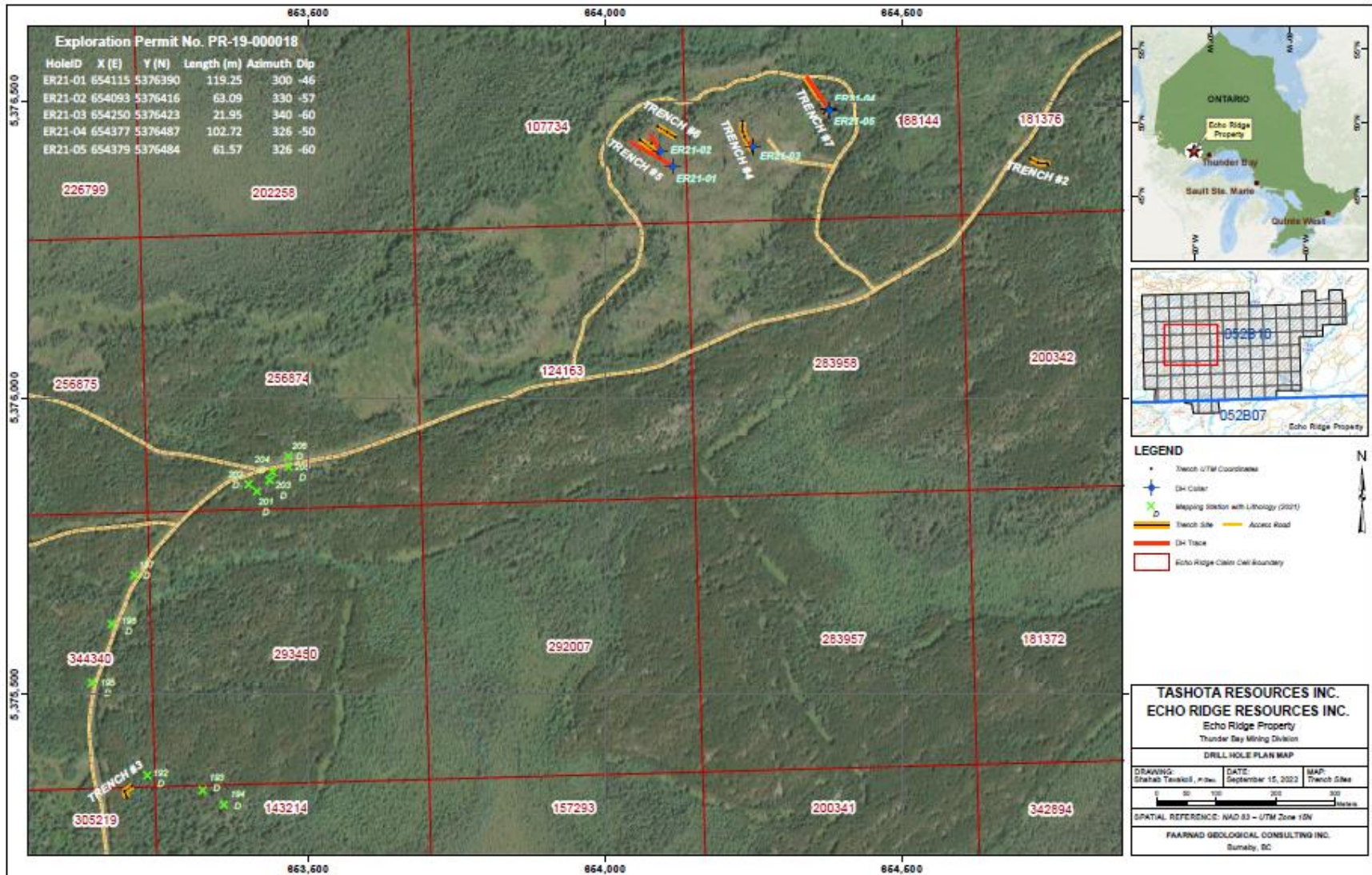


Figure 11. Location of five 2021 drill holes (ER21-01 to ER21-05) adjacent to 2020 trenches (ET-4, ET-5, and ET-7).



Figure 12. Enlarged map area showing the five 2021 drill holes (ER21-01 to ET2105) targeting observed mineralization at depth in the trenches ET-4, ET-5, and ET-7.

6.2.1 ER21-01

Hole ER21-01 (0654115E/5376390N, 300°/-46°) was collared 32-35 m southeast of the trench ET-5 to test the surface mineralization at depth (**Figures 13 and 14, Table 4**). The hole was drilled to a depth of 119.25 metres, intersecting intercalated fine, medium, and coarse-grained diorite phases. These diorite phases are generally gradational with each other. The drill hole intersected from near-surface to 61.65m a fine- to medium-grained diorite, gradually grading the downhole into the coarse-grained diorite (61.65m-90.85m) followed by fine- to medium-grained diorite to the end of the hole (119.25m).

Diorite at 61.65m-72.85m (11.20m) is greenish (sausseritized plagioclase) with a porphyritic texture (pyroxene/hornblende phenocrysts) which are now transformed into a polycrystalline aggregate. A dark gray, porphyritic mafic dike intruded at 72.85m-73.15m (0.30m) separates the coarse-grained diorite up hole from a 2.05m wide (73.15m-75.77m) downhole intercept of medium-grained diorite. The medium-grained diorite starts from 75.77m and grades over 15.08m into a very coarse-grained diorite phase to a downhole depth of 90.85m. From this point on, diorite starts to get progressively finer-grain again over 5.80m core length (90.85m-96.65m), ultimately passing downhole into the fine-grained diorite again to the end of the drill hole (119.25m).

Hair-thin-to-millimeter-scale carbonate-filled fractures of variable orientations (20 to 70 degrees) deform/alter the fine- to medium-grained diorite from near surface to 61.5m downhole depth. Quartz stringers/veinlets follow the fractures at 45 degrees to CA. The intercept is invariably carbonatized, silicified, epidotized, and chloritized. It is mineralized with variable amounts of pyrite and chalcopyrite associated with copper-gold mineralization. The sulphides (py, cpy) are massive fracture fillings, dissemination, and blebs in varying amounts (trace to 10%). Pyrite concentration generally exceeds the chalcopyrite. A fault gouge (33.45m-33.60m) with dark green chlorite clots occurs along the face of broken cores.

From 73.75m to 75.80m, the diorite with significant sulphide mineralization is affected by intermittent shearing and quartz-calcite stringers/seams oriented at 75 deg to CA. The overall sulphide (pyrite and chalcopyrite) concentration, accompanied by shearing and quartz-calcite stringers, is 1 to 2%. At 85.75m-96.75m, mineralization is associated with relatively abundant quartz and quartz-calcite stringers/seams with shears oriented at 45-55 deg to CA. These stringers/veinlets accompany fine-grained abundant (up to 15% of the rock) pyrite and lesser chalcopyrite. Locally, chloritic masses with irregular quartz and seams with trace chalcopyrite occur subparallel to CA.

One hundred seventeen (117) core samples were taken from the full downhole length of the hole and sent to the lab for analysis. Logging geologists inserted no blank or standard samples into the sample stream, which should have been done to check the accuracy of the lab results. Actlabs, as mentioned in *Section 6.1*, implemented their internal QA/QC procedures during the sample preparation and geochemical analysis. Although ubiquitous anomalous mineralization occurs intermittently throughout, the two best-mineralized intercepts within deformed/altered coarse- to medium-grained diorite occur at 73.75m-75.80m (**0.70% Cu, 0.251 g/t Au and 8.5 g/t Ag over 2.05m**) and 85.75m-96.75m (**0.41% Cu, 0.120 g/t Au and 5.0 g/t Ag over 11.0m**).

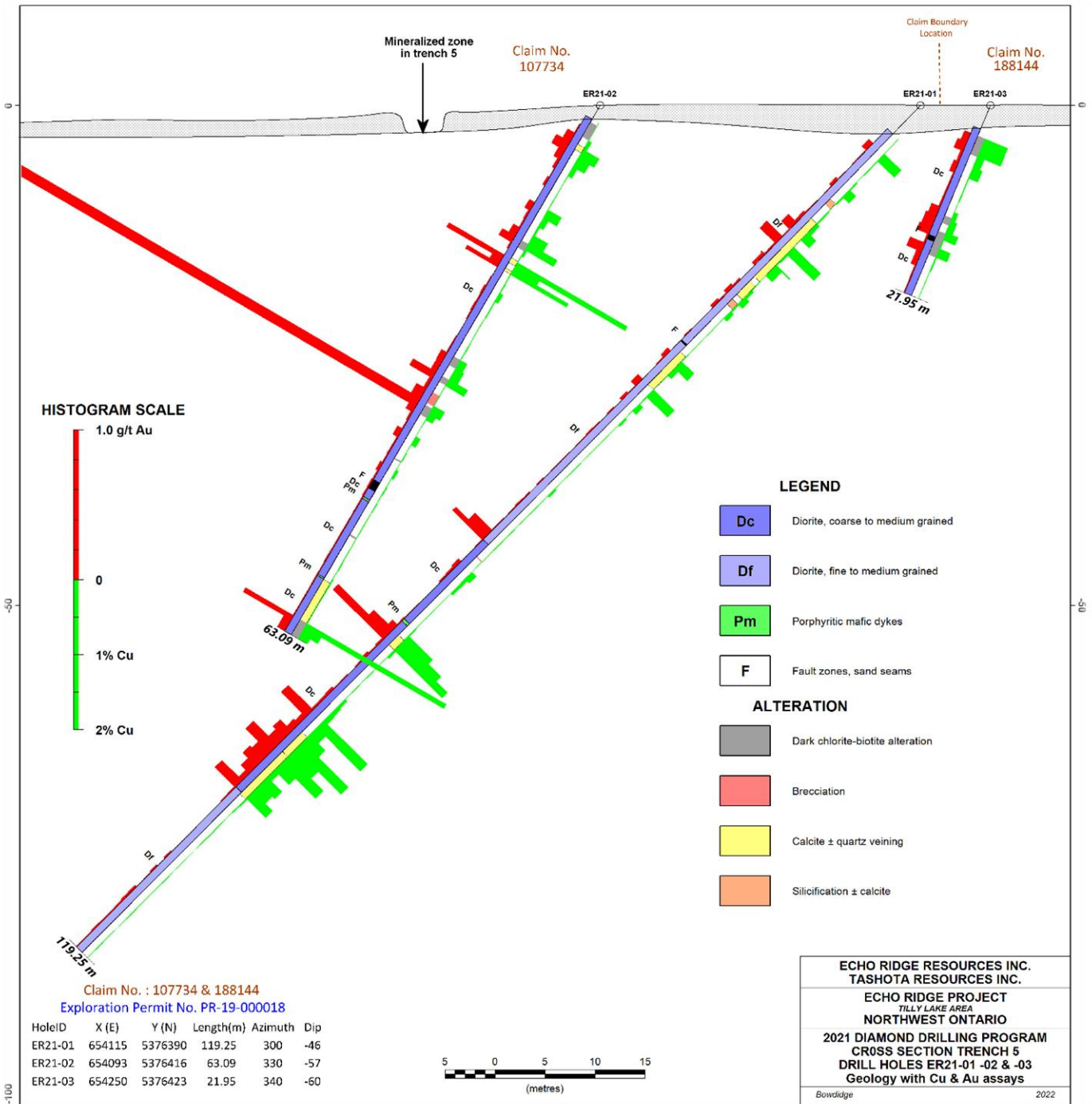


Figure 13. Drill sections ER21-01, ER21-02, and ER21-03.

6.2.2 ER21-02

The drill hole ER21-02 (0654093E/5376416N, 330°/-57°) was collared slightly at a steeper angle (-57°), targeting the centre of the ET-5, testing the surface mineralization at a depth (**Figures 13 and 14, Table 4**). The hole intersected primarily coarse-grained, massive, pale greenish-gray, non-magnetic diorite. The diorite is invariably deformed/altered by mm-cm scale shears and quartz-carbonate stringers/seams generally oriented from 50 to 90 deg to CA. It is affected by ubiquitous dark alteration (16.0m-63.09m) of unknown material/composition (chlorite-biotite?) accompanied by quartz-carbonate veinlets/seams and sulphide mineralization (mainly pyrite and chalcopyrite). Sulphides also occur as disseminations and blebs in mm to cm scale quartz-carbonate veinlets/seams and shears.

Sixty-four (64) core samples with no blanks or standards were submitted to the lab for analysis. The three best-mineralized intercepts:

1. **0.97% Cu, 0.243 g/t Au, and 10.0 g/Ag over 1.45m** (18.25m-19.70m). Mineralization in the intercept is associated with locally abundant chalcopyrite (minor pyrite) in quartz veins, quartz-carbonate veins/seams, and narrow (<1cm) shears.
2. **21.2 g/t Au, 173 g/t Ag, and 0.17% Cu over 1.00m** (35.35m-36.35m). Multiple quartz-carbonate seams (and disseminated) with mostly pyrite occur in darkly altered (chlorite-biotite?) diorite.
3. **0.74% Cu, 0.143 g/t Au, and 10.1 g/t Ag over 1.84m** (61.25m-63.09m). Darkly altered (chlorite-biotite?) diorite hosts seams and splashes of chalcopyrite. This mineralized intersection ended the hole, which was terminated prematurely.

6.2.3 ER21-03

Hole ER21-03 (0654119E/5376384N, 340°/-60°) was designed to intersect newly discovered mineralization in trench ET-4 at depth (**Figures 13 and 14, Table 4**). It intersected mineralized, medium- to coarse-grained diorite from near surface to 21.95m downhole depth. However, the drill hole was abandoned after rods became stuck after passing through clay seams at 15.2 and 15.7 downhole depths.

The mineralized diorite from 3.50m to 17.20m is characterized by the frequent dark alteration (chlorite-biotite?) with multiple quartz seams with pyrite±chalcopyrite at 50 to 60 deg to CA. The altered (dark) diorite at 3.50m-5.60m and two quartz veinlets at 7.0m-7.20m measuring 2 cm with heavy, fine-grained pyrite±chalcopyrite, and a 1 cm wide sericitic shear at 90 deg to CA, yielded the anomalous copper and weak to trace levels of gold and silver. A mineralized intercept at 3.50m-8.10m returned **0.23% Cu, 0.042 g/t Au and 2.63 g/t Ag over 4.60m core length**, including **0.34% Cu, 0.057 g/t Au and 4.0 g/t Ag over 2.10m**. A follow-up hole needs to be set back and drilled to intercept the full width of this previously unknown zone.

6.2.4 ER21-04

Hole ER21-04 (0654377E/5376487N, 326°/-50°) was designed to test the mineralization exposed in trench ET-7 (**Figure 14, Table 4**). The hole was drilled to 102.72 metres. It intersected 68.50m core length (1.50m- 70.00m) of coarse- to medium-grained, equigranular, pale gray to greenish-gray, non-magnetic diorite. The diorite is massive to sheared and fractured. Quartz and quartz-calcite veinlets/seams alter diorite from near surface to 70.00m downhole depth. These invariably oriented (40-90 deg to CA) quartz and quartz-carbonate veinlets/stringers and locally dark patchy alteration are generally accompanied by disseminated to mm scale massive pyrite-chalcopyrite seams. Locally, dark green to black alteration (chlorite-biotite?) along with quartz-carbonate stringers/seams also characterizes alteration in diorite.

A 3.70m wide mafic porphyry intrudes the diorite at 41.20m-44.90m. The porphyry is dark gray, massive, and contains 1-2 mm pyroxene phenocrysts within fine-grained mafic groundmass. The porphyry contacts with diorite appear gradational, with minor quartz-carbonate seams with less than 1% disseminated pyrite.

The fine-grained diorite was intersected from the 70.00m downhole to the bottom of the hole (70.00m-102.72m). The diorite in this section is deformed by sporadic zones of shearing and strong schistosity at 40 to 60 deg at CA, with subsequent silicification. It is criss-crossed and altered by quartz-carbonate stringers/veinlets but not as intensively as the coarse-grained diorite up hole.

Eighty-three core samples with no blank or standard samples were submitted to the lab for analysis. Although anomalous copper-gold mineralization was noted from 1.50m to 70.00m downhole length, the best intercept occurs close to the surface at 7.00m-14.00m. This intercept yielded **0.41% Cu, 0.153 g/t Au, and 3.79 g/t Ag over 7.0m** core length includes **0.76% Cu, 0.291 g/t Au and 8.9 g/t Ag over 3.00m**.

6.2.5 ER21-05

Drill hole ER21-05 (0654379E/5376484N, 326°/-60°) was planned to test mineralization in trench ET-7 and undercut the hole ER21-04 (**Figure 14, Table 4**). The hole was collared into mineralized diorite and drilled to 61.57 metres. It intersected the fine- to medium-grained (occasional feldspar-phyric phases) diorite from the near-surface (2.00m) to 29.40m, gradually passing downhole into predominantly coarse-grained, locally varying fine- to coarse-grained diorite from 29.40m to the end of the hole (61.57m). The coarse-grained diorite in this section has a porphyritic texture with feldspar phenocrysts, and it is highly disrupted, deformed, and brecciated.

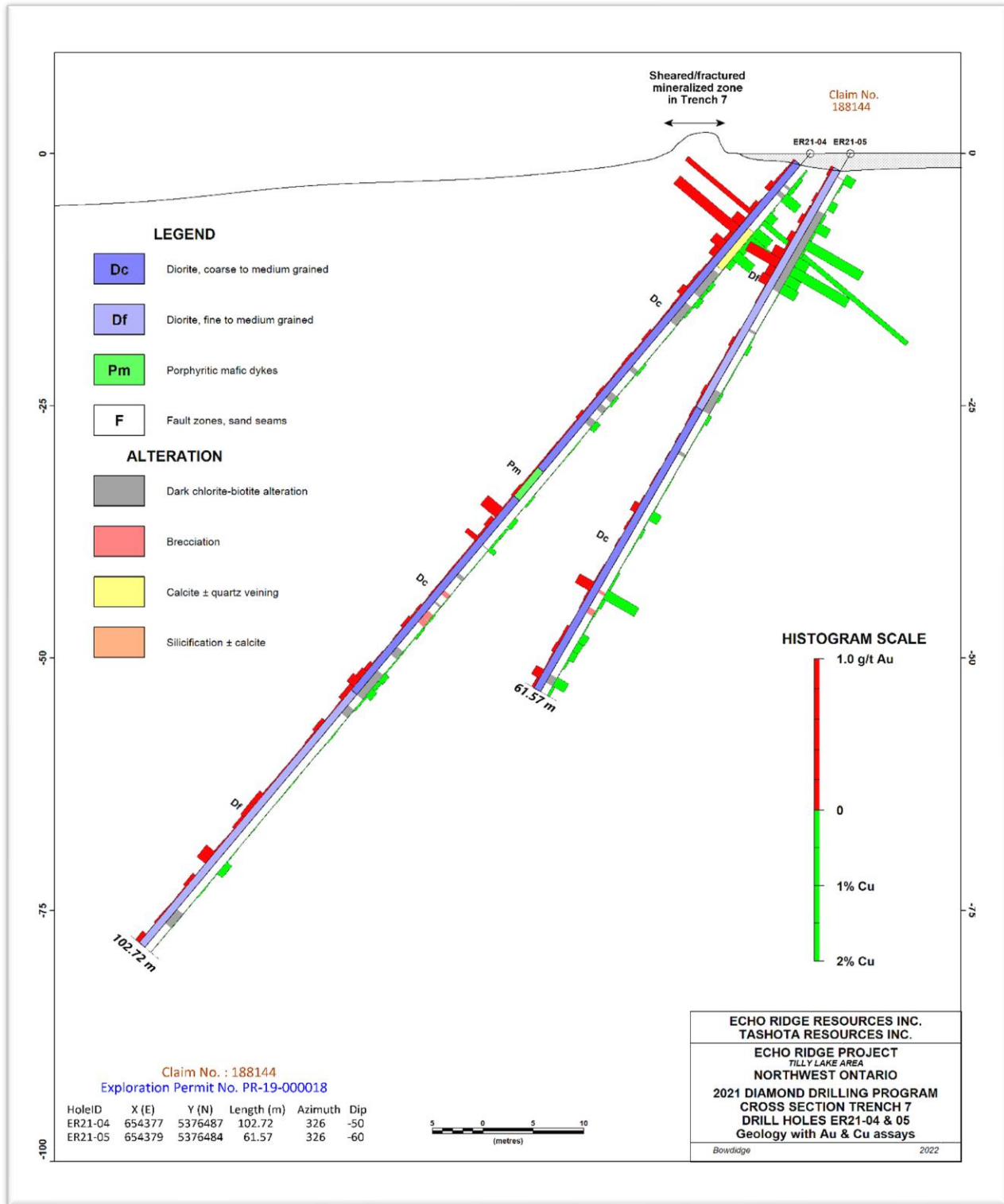


Figure 14. Drill sections ER21-04 and ER21-05.

The diorite is altered intermittently by quartz-carbonate stringers/veinlets accompanied by pyrite and chalcopryrite. The best and reasonably continuous alteration (quartz-carbonate, biotite, and chlorite) with sulphide mineralization occurs at 6.50m-15.50m (9.0m core length). This 9.0m wide intercept is characterized by dark gray to black, very fine-grained diorite cut by mm to cm-scale quartz-carbonate breccia veins/seams with disseminated chalcopryrite and pyrite and locally as massive seams (1 to 7 cm wide at 10.35m-13.46m) of chalcopryrite±pyrite. Although anomalous mineralization occurs from near surface to 15.50m downhole, the best-mineralized intercept occurs at 9.50m-15.50m, yielding **0.38% Cu, 0.079 g/t Au and 4.6 g/t Ag over a 6.00m core length.**

Table 5 is a summary of the notable intersections from the drill program. The length of the intersections are core length.

Table 5. Significant results from the 2021 diamond drilling program.

Drill Hole Number	Downhole Intersections (metres)	Width (metres)	Copper (%)	Gold (g/t)	Silver (g/t)
ER21-01	73.75 – 75.80	2.05	0.70	0.251	8.5
	85.75 – 96.75	11.00	0.41	0.120	5.0
ER21-02	18.25 – 19.70	1.45	0.97	0.243	10.0
	35.35 – 36.35	1.00	0.17	21.20	173.0
	61.25 – 63.09	1.84	0.74	0.143	10.1
ER21-03	3.50 – 8.10	4.60	0.23	0.042	2.63
<i>Includes</i>	3.50 – 5.60	2.10	0.34	0.057	4.0
ER21-04	7.00 – 14.00	7.00	0.41	0.153	3.8
<i>Includes</i>	8.00 – 11.00	3.00	0.76	0.291	8.9
ER21-05	9.50 – 15.50	6.00	0.38	0.079	4.6

Note: Copper and silver values shown in the table as % and g/t, respectively, are converted from original values provided in ppm by Actlabs.

7 Interpretation and Conclusions

The Echo Ridge property predominantly occurs within the metasedimentary rocks of the Quetico Terrane (QT), close to its boundary with the Shebandowan greenstone belt (SGB) of Wawa Terrane (WT). The SGB is separated from the QT in the project area by a major regional structure, the Boundary Fault Zone (BFZ). The faulted boundary is several hundred metres wide and consists of numerous discrete, northeast-striking (30°-50°) shear zones. The BFZ and its related splay structures host some significant gold mineralization (e.g., Larose prospect and Huronian Gold Mine – past producer).

The metasedimentary rocks comprised massive-to-thinly bedded, weakly graded metagreywacke and thinly bedded to finely laminated metasiltstone and metamudstone. Within high-strain zones, the metasedimentary rocks are variably converted to sericite±chlorite-quartz-biotite-feldspar schist.

The metasedimentary rocks in the Echo Ridge project area are intruded by large and small intermediate to mafic and felsic bodies. One of the largest intrusive bodies is the "Tilly Lake Diorite Complex" (TLDC) occurs in the western part of the Echo Ridge Property. It extends north-easterly from the west-southwest for approximately 4.7 km to the north-central part of the Property and is the widest (1.43 km) in the southwest and narrowest (a few metres) in the northeast. The TLDC consists primarily of fine-to-medium-grained diorite to quartz diorite and their derived schists. It is host to widespread structurally controlled copper-gold-silver mineralization on the Property. Minor alkaline phases such as quartz monzonite to monzodiorite and syenodiorite are associated with diorite.

The copper and gold mineralization are hosted by fine-to-medium-grained and coarse-grained diorite. The mineralized zones usually contain varying amounts of massive or disseminated sulphides (chalcopyrite, pyrite, and minor pyrrhotite). Sulphides are also associated with quartz-carbonate alteration, either interstitial or wispy veinlets.

The current drilling results show that copper-gold mineralization occurs within the diorites near the sheared contacts with the metasedimentary rocks. The best results from the drilling returned 0.70% Cu over 2.05m and 0.41% Cu over 11.0m (ER21-01); 0.97% Cu over 1.45m, 0.74% Cu over 1.84m (ER21-02); 0.41% Cu over 7.0m includes 0.76% Cu over 3.0m (ER21-04); and 0.38% Cu over 6.0m (ER21-05) (**Table 5**).

Weakly anomalous gold and silver are always associated with copper mineralization. However, the ER21-02 is the only hole intersecting the highest gold value (21.20 g/t Au over 1.0m) with subordinate copper (0.17%) mineralization. This example may suggest an inverse relationship between the higher concentration of gold and lower copper and vice versa. But since the same is not seen in other holes, it might be considered a coincidence.

The current drilling results and 2020 trenching and sampling indicate that Echo Ridge has about 400-500m long mineralized corridor open both west and east of the drilled holes. The mineralization appears to have a moderate southeasterly dip.

8 Recommendations

The 2021 drilling and 2020 trenching results have confirmed the lateral continuity of the copper-gold mineralization for up to 500m, and it is open to the east, west, and down-dip. It is therefore recommended that future exploration work consisting of prospecting, trenching, and step-out drilling continues to the east and west of the currently drilled areas. However, an IP survey (pole-dipole or 3D IP system) is preferably conducted before any future drilling to obtain additional precision of the lateral and depth extent of mineralization within and adjacent areas of the current drilling.

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10 STATEMENTS OF QUALIFICATIONS

I, I.A. Osmani of 832 Delestre Avenue, Coquitlam, British Columbia, do hereby certify that:

1. I hold a Master of Science degree in Geology with a major in Geophysics from the University of Windsor, Ontario, Canada (1982).
2. I hold a Master of Science in Geology from Aligarh Muslim University, Aligarh, India (1973).
3. I am a graduate of Lucknow University, Lucknow, India, with a Bachelor of Science in Geology (1971).
4. I have been practicing my profession since 1981 as a research geoscientist and mapping geologist with government surveys and an exploration geologist with major/junior exploration and mining companies in Canada and internationally.
5. I am a member of the Association of Professional Geoscientists of Ontario (#0609) and the Association of Professional Engineers and Geoscientists of British Columbia (#32050).
6. I am a Principal Consultant with Faarnad Geological Consulting (FGC) Inc., and the 2021 Diamond drill report on the Echo Ridge Property, Tilly Lake area, District of Thunder Bay, Northwestern Ontario, dated September 15, 2022, was authored by me.
7. I have no interest in the Property described herein.

Dated this 15th day of September 2022, at Coquitlam, British Columbia

“SIGNED”



I.A. Osmani, *M.Sc., P.Geo.*

APPENDIX 1

(2021 Drill Hole Logs – Echo Ridge Property)

Hole Id: ER21-01

Property: Echo Ridge
Area: Trench-5 area
Claim No: 107734
Client: Tashota Resources Inc.

Logged By: I.A. Osmani (to 60.49 m) & Colin Bowdidge
Date Logged: July 16-September 07, 2021

Collar Location:

Actual:

Datum: NAD83, Zone 15

Easting: 654115 Azimuth: 300°

Northing: 5376390 Dip: -46°

Elevation: _____ Length: 119.25 m

** Collar location shifted slightly from proposed to be on level ground, az changed to fit collar

Proposed:

Easting: _____ Azimuth: _____

Northing: _____ Dip: _____

Elevation: _____ Length: _____

Survey Type: Acid test			
Distance	Azi	Dip	Accept
0.0 m	300.0	-46.0	
51.83 m	N/A	-45.0	Yes

Drilling Information:

Contractor: Wally Magnussen

Drilling Company: Custom Diamond Drilling Inc.

Core Diameter: BTW

Start Date: 7-Jul-2021

End Date: 26-Aug-2021

Casing In: No

Casing Capped: No

Units: _____

Core Storage: Sapawe Hotel, Sapawe, NW Ontario

Objective of Drill Hole: To intersect known surface mineralization (copper-gold-silver) in Trench #5 at depth.

Hole Summary:

Two sections with Au-Ag-Cu values:

Average 73.75-75.80; 2.05 m @ 0.251 g/t Au, 8.5 ppm Ag, 0.70%

Average 85.75-96.75: 11.00 m @ 0.12 g/t Au, 5.0 ppm Ag, 0.41% Cu

Primary Intervals		Secondary Intervals		Description	Sample Number	From (m)	To (m)	Length (m)	Au (g/t)	Au Repeat	Ag (ppm)	Cu (ppm)		
From	To	From	To											
0.00	3.96	Casing - broken and lost core. The rock core is primarily epidotized diorite, quartz veins/pods occur locally.												
3.96	61.65	Diorite: Greenish-grey to grey, massive, medium to fine-grained. Moderately to strongly epidotized (feldspar-plag?), and weakly to, locally, strongly silicified. The rock is deformed by hairthin to mm scale, often carbonate-filled fractures of variable orientations. Some quartz veinlets/veins (mm to cm-scale) follow these fractures varying from 20-70 deg to CA. However, the fractures at 45 deg to CA are more common for quartz veinlets/veins to follow than any other orientation. A shallow dipping quartz vein (subparallel to 20 deg to CA) at 15m-15.70m is mineralized with coarse to patchy pyrite-chalcocopyrite (5-10%). Pyrite comprises the majority of the sulphide mineralization. Trace to <1% sulphides (mostly py+/-cpy) occur as dissemination throughout the diorite but locally in silicified/fractured areas (moderate to strong) sulphide mineralization can be up to 10%. Strong epidote alteration seems to have no bearing on sulphide concentration in the diorite host but rather more depended upon the degree of fracturing of diorite and quartz veining/silicification within or adjacent to fractures. Concentration of sulphides both within and adjacent to fractures is generally higher relative to disseminated sulphides (<1%) occurring in relatively unfractured diorite. Also, cpy mineralization appears to occur mostly in fractures/veinlets in relative abundance compared to disseminations in the rock.			W1128551	3.96	5.00	1.04	<0.005		< 0.3	39		
					W1128552	5.00	6.00	1.00	<0.005		0.3	46		
					W1128553	6.00	7.00	1.00	0.041		2.4	3160		
					W1128554	7.00	8.00	1.00	0.007		0.8	106		
					W1128555	8.00	9.00	1.00	0.007		< 0.3	152		
					W1128556	9.00	10.00	1.00	<0.005		< 0.3	44		
					W1128557	10.00	11.00	1.00	0.005		0.4	217		
					W1128558	11.00	12.00	1.00	0.022		1.0	1220		
					W1128559	12.00	13.00	1.00	0.005		0.3	236		
			13.00	13.73	Moderately to strongly silicified, contains 2-3% fine-grained, disseminated sulphides (py).		W1128560	13.00	14.00	1.00	<0.005	<0.005	< 0.3	56
			15.00	15.40	Up to 5% sulphides in diorite+cm-scale qv combined.		W1128561	14.00	15.00	1.00	0.006		0.4	207
			15.40	15.70	Up to 15% py-cpy mostly in qv.		W1128562	15.00	15.70	0.70	0.008		0.4	202
			15.70	23.86	Moderately silicified, carbonatized (calcite) and strongly epidotized+/-chloritized. Core is moderately broken up at 20.80m-23.76m which may be suggesting the presence of faulting in nearby area; fine-grained py+/-cpy (<1-5%) occurs as disseminations and along microfractures.		W1128563	15.70	17.00	1.30	0.019		0.9	583
			23.86	34.40	Epidote+/-chlorite alteration that gives greenish colour to diorite becomes patchy and seems to crudely alternating with light to medium grey, moderately silicified-carbonitized (calcitic) part of diorite; py-cpy mineralization continues to occur mostly within and/or along mm to cm scale quartz veinlets and microfractures; calcite stringers are relatively less abundant in this interval compared to the up hole section.		W1128564	17.00	18.00	1.00	0.078	0.082	2.3	1580
							W1128565	18.00	19.00	1.00	0.007		< 0.3	65
							W1128566	19.00	20.00	1.00	0.150		5.1	5090
							W1128567	20.00	21.00	1.00	0.012		0.5	290
							W1128568	21.00	21.49	0.51	0.010		0.4	166
							W1128569	21.49	21.65	0.16	0.035		2.0	2620
							W1128570	21.65	23.00	1.35	0.026		1.1	1200
							W1128571	23.00	23.76	0.76	<0.005		0.5	39
							W1128572	23.76	25.00	1.24	<0.005		< 0.3	106
			24.47	26.37	5-7% py-cpy occurs mostly in grey, moderately silicified-carbonitized portion of the diorite.		W1128573	25.00	26.00	1.00	0.014		0.6	426
							W1128574	26.00	27.00	1.00	0.028		1.2	869
			27.00	27.74	Up to 10% py-cp occurs in quartz veinlets/fractures (lesser as disseminations) within the silicified-carbonitized portion of the diorite.		W1128575	27.00	28.00	1.00	0.009		0.4	248
							W1128576	28.00	29.00	1.00	0.023		0.8	583
							W1128577	29.00	30.00	1.00	<0.005		< 0.3	60
							W1128578	30.00	31.00	1.00	<0.005		< 0.3	52
							W1128579	31.00	32.00	1.00	<0.005		< 0.3	48
							W1128580	32.00	33.00	1.00	0.008		< 0.3	62
			33.45	33.60	Fault gouge with dark green chlorite clots along the edges of broken core.		W1128581	33.00	34.00	1.00	<0.005		< 0.3	77
			34.40	39.00	This subinterval represents relative abundance of carbonate stringers compared to uphole section. Calcite stringers of variable orientations. They vary from being subparallel to subvertical to CA. Epidotization predates the silicification/quartz veining and sulphide mineralization. Sulphide mineralization is probably contemporaneous with the emplacement of silica-rich fluids (quartz veins/silicification) in shear fractures. Emplacement of calcite stringers postdating the earlier alteration (epidote and silica) and deformation (shearing/fracturing).		W1128582	34.00	35.00	1.00	<0.005		0.3	101
							W1128583	35.00	36.00	1.00	0.030		3.5	2370
					W1128584	36.00	37.00	1.00	0.008		1.0	708		
					W1128585	37.00	38.00	1.00	<0.005	<0.006	< 0.3	75		
					W1128586	38.00	39.00	1.00	<0.005		< 0.3	50		

Primary Intervals		Secondary Intervals		Description	Sample Number	From (m)	To (m)	Length (m)	Au (g/t)	Au Repeat	Ag (ppm)	Cu (ppm)		
From	To	From	To											
3.96	61.65	39.00	51.00	<i>(continued)</i> The subinterval is characterized by moderately to strongly epidotized, medium-grained diorite separated by areas of weakly to moderately silicified (quartz veining/pervasive silicification) greyish diorite. The diorite in places appears weakly porphyritic (feldspar phenocrysts). Quartz veinlets, microfractures and calcite stringers are of variable orientations (range from subparallel to 60 deg to CA, locally subvertical). Except the calcite stringers, quartz veinlets/fractures often contain sulphides (py+/-cpy).	W1128587	39.00	40.00	1.00	0.045	0.049	4.6	3940		
					W1128588	40.00	41.00	1.00	0.005		< 0.3	143		
					W1128589	41.00	42.00	1.00	0.020		0.8	690		
					W1128590	42.00	43.00	1.00	<0.005		< 0.3	53		
					W1128591	43.00	44.00	1.00	0.009	0.009	0.4	310		
					W1128592	44.00	45.00	1.00	<0.005		< 0.3	52		
				45.50	47.00	Sulphides (py-cpy) occurs mostly within or along quartz veinlets or fractures. Generally, they occur as blebs/chunks or mm to cm wide massive seams in variably spaced out fractures. Mineralization over the entire interval length does not average more than 1%.	W1128593	45.00	46.00	1.00	0.007		< 0.3	63
							W1128594	46.00	47.00	1.00	0.010	0.010	< 0.3	63
							W1128595	47.00	48.55	1.55	0.005		< 0.3	68
							W1128596	48.55	49.35	0.80	<0.005		< 0.3	27
						W1128597	49.35	51.00	1.65	0.005		< 0.3	89	
						W1128598	51.00	52.00	1.00	0.005	<0.005	< 0.3	42	
				51.90	52.05	A narrow (~1.5) zone of schistosity/shear.	W1128599	52.00	53.00	1.00	<0.005		< 0.3	53
				51.90	52.00	5-7% py cubes along hairthin to mm wide fractures. Some are filled with calcite stringers along with py.	W1128600	53.00	54.00	1.00	0.009	0.009	0.4	310
						W1128601	54.00	55.00	1.00	<0.005		< 0.3	52	
						W1128602	55.00	56.00	1.00	0.007		< 0.3	63	
						W1128603	56.00	57.00	1.00	0.010	0.010	< 0.3	63	
						W1128604	57.00	58.00	1.00	0.005		< 0.3	68	
				58.70	59.00	5-7% py (fine- to medium-grained) occur along microfractures as well as disseminations.	W1128605	58.00	58.70	0.70	<0.005		< 0.3	27
				59.00	59.70	About 1% py mostly as disseminations.	W1128606	58.70	59.70	1.00	0.005		< 0.3	89
				End of log by Ike Osmani	W1128607	59.70	60.35	0.65	0.005	<0.005	< 0.3	42		
		60.49	61.25	Darker (vfg chlorite-biotite alteration), finer-grained section, chloritic slips at 70-80° to CA, 1-2% diss py, trace cpy	904251	60.35	61.25	0.90	0.163		0.7	107		
		61.25	61.65	Weak schistosity at 60-70° to CA	904252	61.25	61.75	0.50	0.282		1.9	87		
61.65	72.85	Coarse-grained diorite , greenish (saussuritized plag) with phenocrysts of pyroxene/hornblende (now polycrystalline aggregates), with irregular xenolith of massive hornblende at 64.70-64.75 m, occasional qtz-calcite seams from hairline to 1 cm at various angles, typically with sparse pyrite.		904253	61.75	62.75	1.00	0.006		< 0.3	57			
				904254	62.75	63.75	1.00	< 0.005		< 0.3	63			
		63.30	63.32	2 cm breccia seam at 20° to CA, with quartz-calcite veinlet running along it	904255	63.75	64.75	1.00	<0.005		< 0.3	36		
					904256	64.75	65.75	1.00	0.026		1.2	838		
					904257	65.75	66.75	1.00	0.016		< 0.3	432		
		67.35	67.55	Weak shearing at 60° to CA	904258	66.75	67.75	1.00	0.011		0.6	392		
					904259	67.75	68.75	1.00	< 0.005	< 0.005	< 0.3	49		
					904260	68.75	69.75	1.00	<0.005		< 0.3	44		
					904261	69.75	70.75	1.00	< 0.005		< 0.3	70		
					904262	70.75	71.75	1.00	0.005		< 0.3	72		
				904263	71.75	72.75	1.00	0.005		< 0.3	66			
72.85	73.15	Mafic dyke , dark grey, medium-grained, contacts at 75° to CA, weak schistosity at contacts, 20% 2-3 mm euhedral plagioclase phenocrysts		904264	72.75	73.75	1.00	0.008		< 0.3	188			
73.15	74.40	Diorite , medium-grained as above		904265	73.75	74.35	0.60	0.051		6.0	4570			
		74.40	75.77	Mineralized Zone: Intermittent shearing and quartz-calcite seams at 75° to CA, with local splashes of cpy-py, overall sulphide content 1-2% Average 73.75-75.80; 2.05 m @ 0.251 g/t Au, 8.5 ppm Ag, 0.70% Cu	904266	74.35	75.05	0.70	0.185		7.4	6940		
					904267	75.05	75.80	0.75	0.473		11.6	9050		
75.77	90.85	Diorite: very coarse section with sub-ophitic texture in evidence locally		904268	75.80	76.75	0.95	0.014		0.5	334			
		76.25	77.75	Abundant epidote-bearing shear planes at 80-90° to CA, apparently with subsequent silicification	904269	76.75	77.75	1.00	0.007	0.006	< 0.3	68		
					904270	77.75	78.75	1.00	0.020		< 0.3	41		
					904271	78.75	79.75	1.00	0.009		< 0.3	106		


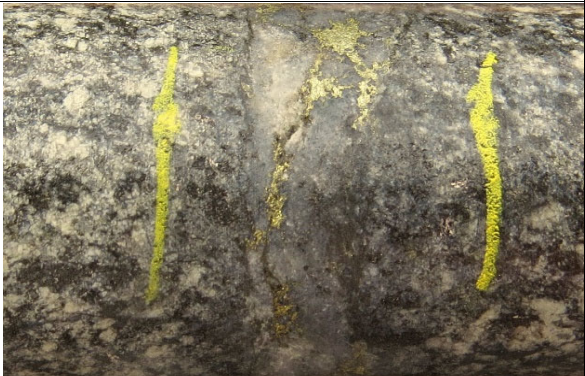
Primary Intervals		Secondary Intervals		Description	Sample Number	From (m)	To (m)	Length (m)	Au (g/t)	Au Repeat	Ag (ppm)	Cu (ppm)
From	To	From	To									
75.77	90.85			(continued)	904272	79.75	80.75	1.00	< 0.005		< 0.3	40
		81.27	81.47	Mafic dyke, as above, contacts at 60° to CA	904273	80.75	81.75	1.00	0.007	0.009	< 0.3	130
					904274	81.75	82.75	1.00	0.006		< 0.3	71
					904275	82.75	83.75	1.00	0.020		< 0.3	400
		84.05	84.40	Vfg chloritic mass surrounding irregular quartz vein	904276	83.75	84.75	1.00	0.016		0.5	583
					904277	84.75	85.75	1.00	0.015		0.6	709
		86.20		Irregular chlorite seams with traces chalcopryrite, sub-parallel to CA	904278	85.75	86.75	1.00	0.234		11.0	8240
					904279	86.75	87.75	1.00	0.037		2.0	1660
					904280	87.75	88.75	1.00	0.049		3.6	2950
			88.10	89.05	Quartz and quartz-calcite seams and veinlets become more abundant and have cores of vfg pyrite with minor chalcopryrite. Minor pyrite and traces cpy bleed out into the body of the rock	904281	88.75	89.75	1.00	0.112		9.4
			904282	89.75	90.75	1.00	0.087		5.2	4290		
90.85	96.65	Mineralized Zone: Diorite as above, becoming progressively finer grained down hole, with more abundant quartz and quart-calcite seams, mostly at 45-55° to CA, carrying locally heavy pyrite and lesser chalcopryrite in the seams and adjacent wall rocks. Also a few high angle, 2-3 mm thick epidote-rich seams.		904283	90.75	91.85	1.10	0.229		8.2	6570	
				904284	91.85	92.75	0.90	0.111		3.6	2770	
		90.87	91.07	Quartz stringers at 45° to CA, with heavy pyrite	904285	92.75	93.75	1.00	0.131		1.1	799
		91.07	92.00	Quartz and quartz-calcite seams and shears with splashy pyrite make up 15% of the rock	904286	93.75	94.75	1.00	0.081		3.2	2760
		92.00	96.65	Lesser quartz and quartz-calcite seams, still at ±45° to CA; some sections appear silicified and have lost their igneous texture.	904287	94.75	95.75	1.00	0.036		2.7	2300
		Average 85.75-96.75: 11.00 m @ 0.12 g/t Au, 5.0 ppm Ag, 0.41% Cu		904288	95.75	96.75	1.00	0.194		4.7	3690	
96.65	119.25	Fine-grained Diorite: Grain size decreases from ± 2 mm at start to <1 mm after 99 m. Erratic qtz & qtz-calcite seams, very minor py		904289	96.75	97.75	1.00	0.012		0.5	246	
				904290	97.75	98.75	1.00	0.009		0.3	137	
				904291	98.75	99.75	1.00	< 0.005		0.3	36	
				904292	99.75	100.75	1.00	< 0.005		0.3	76	
				904293	100.75	101.75	1.00	< 0.005		0.3	103	
				904294	101.75	102.75	1.00	< 0.005	< 0.005	< 0.3	105	
				904295	102.75	103.75	1.00	< 0.005		< 0.3	68	
				904296	103.75	104.75	1.00	< 0.005		< 0.3	24	
				904297	104.75	105.75	1.00	< 0.005		< 0.3	46	
				904298	105.75	106.75	1.00	0.011		< 0.3	59	
				904299	106.75	107.75	1.00	< 0.005		< 0.3	45	
				904300	107.75	108.75	1.00	0.012	0.012	0.6	116	
				904301	108.75	109.75	1.00	0.005		0.3	65	
				904302	109.75	110.75	1.00	< 0.005		< 0.3	45	
				904303	110.75	111.75	1.00	0.017	0.019	0.3	60	
				904304	111.75	112.75	1.00	0.016		0.4	84	
				904305	112.75	113.75	1.00	0.011		< 0.3	124	
				904306	113.75	114.85	1.10	0.008		< 0.3	62	
				904307	114.85	115.95	1.10	0.008	0.010	< 0.3	27	
				904308	115.95	117.05	1.10	0.011		< 0.3	41	
		904309	117.05	118.15	1.10	0.006		< 0.3	73			
		119.25 - End of Hole		904310	118.15	119.25	1.10	0.005	0.010	< 0.3	53	



Sample Number	From (m)	To (m)	Length (m)	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
				ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
904306	113.75	114.85	1.10	8	< 0.3	8.4	20	610	1	< 2	2.36	< 0.3	22	111	62	4.53	20	2.21	1.63	27	752	< 1	2.83	72	0.06	8	< 5	0.23	16	481	< 2	0.3	< 5	< 10	108	< 5	14	86	104
904307	114.85	115.95	1.10	9	< 0.3	8.2	11	780	1	< 2	2.13	< 0.3	23	117	27	5.13	21	1.67	1.9	37	909	< 1	2.48	80	0.063	10	< 5	0.12	16	485	< 2	0.32	< 5	< 10	107	< 5	12	104	114
904308	115.95	117.05	1.10	11	< 0.3	8.2	12	783	1	< 2	2.03	< 0.3	23	110	41	4.87	20	1.9	1.77	37	792	< 1	2.47	73	0.06	11	< 5	0.18	14	490	4	0.32	< 5	< 10	102	< 5	12	95	112
904309	117.05	118.15	1.10	6	< 0.3	7.7	9	640	< 1	< 2	2.21	< 0.3	24	141	73	5.11	19	2.31	1.75	34	781	< 1	2.43	72	0.064	7	< 5	0.25	15	426	< 2	0.37	< 5	< 10	117	< 5	13	85	121
904310	118.15	119.25	1.10	5	< 0.3	7.7	< 3	551	1	< 2	2.1	< 0.3	19	113	53	4.26	18	1.87	1.54	28	692	< 1	2.56	61	0.057	11	< 5	0.2	13	429	5	0.26	< 5	< 10	82	< 5	12	80	100


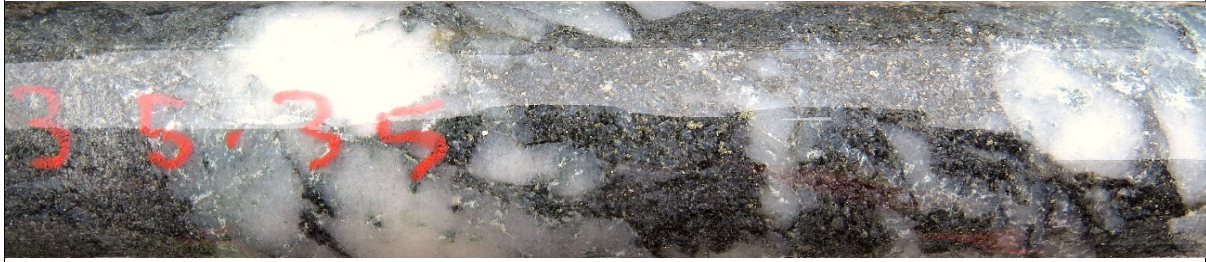
TASHOTA RESOURCES INC. & ECHO RIDGE RESOURCES LTD. ECHO RIDGE COPPER-GOLD PROJECT	Hole No:
DIAMOND DRILL LOG	ER21-02

Hole No.	ER21-02
Claim No.	107734
Dip	-57°
Depth	63.09 m
Azimuth (local)	
Azimuth (true)	330°
Collar coordinates (local)	
Collar coordinates (UTM)	654093E 5376416N
UTM datum & zone	NAD83 ZONE 15
Date started	August 27, 2021
Date finished	September 08, 2021
Drilled By	W. Magnussen - Custom Diamond Drilling Inc.
Core Size	BTW
Casing Left In	No
Logged By	Colin Bowdidge
Date Logged	September 05-10, 2021
Core Storage	Sapawe Hotel, Sapawe, NW Ontario
Comments:	<p>Three mineralized intervals were intersected:</p> <p>1.45 metres @ 0.243 g/tAu, 10.0 ppm Ag, 0.97% Cu and 1.00 metre @ 21.2 g/t Au, 173 ppm Ag, 0.17% Cu and 1.84 metres @ 0.143 g/t Au, 10.1 ppm Ag, 0.74% Cu</p> <p>The last intersection was at the end of the hole, which was terminated prematurely.</p>

Dip Tests

From	To	Description	Sample	From	To	Length	Au g/T	Au rpt	Ag ppm	Cu ppm
0.00	1.63	Casing								
1.63	63.09	Diorite: Coarse-grained, massive, pale greenish-grey, non-magnetic, occasional qtz-carbonate seams with fine py.	B904311	1.63	2.70	1.07	<0.005		< 0.3	56
		2.0-3.7: Weak colour banding at ~50° to CA. 1 cm of massive py at 60° to CA at 3.80 m.	B904312	2.70	3.75	1.05	0.009		< 0.3	67
		4.6-5.2: Numerous qtz-carb seams up to 5 mm, at 70-90° to CA	B904313	3.75	4.80	1.05	0.058		1.0	503
		5.05: 2 cm qtz-carb-py in shear at 90° to CA	B904314	4.80	5.85	1.05	0.105		2.4	2470
										
		6.24: 1 cm qtz-carb seam with heavy py	B904315	5.85	6.90	1.05	0.050		1.9	1750
			B904316	6.90	7.95	1.05	0.020		0.4	655
			B904317	7.95	9.00	1.05	0.005		< 0.3	67
			B904318	9.00	10.00	1.00	0.017		< 0.3	47
			B904319	10.00	11.00	1.00	<0.005	0.005	< 0.3	72
			B904320	11.00	12.00	1.00	<0.005		< 0.3	58
		12.63: 1 cm qtz-carb seam w cpy at 90° to CA (photo) 12.77: 1 cm qtz-carb seam with cpy streak, heavy py clots in walls	B904321	12.00	13.00	1.00	0.042		2.4	2090
										
			B904322	13.00	14.00	1.00	0.014		0.7	790
			B904323	14.00	15.00	1.00	0.010		< 0.3	269
			B904324	15.00	16.00	1.00	0.052		1.9	2270
		16.05-16.55: Dark alteration, multiple qtz-carb ± py ± cpy seams at 75-90° to CA	B904325	16.00	16.75	0.75	0.100		4.3	4440

From	To	Description	Sample	From	To	Length	Au g/T	Au rpt	Ag ppm	Cu ppm
1.63	63.09	(continued)								
		16.61-16.70; 16.81-16.89: Dark alteration, qtz-carb seams with very minor cpy	B904326	16.75	17.50	0.75	0.010		< 0.3	356
		17.0-18.15: Occasional qtz-carb seams with py at 45° and 50° to CA in opposing sense	B904327	17.50	18.25	0.75	<0.005		< 0.3	84
										
		18.15-18.70: Multiple qtz-carb seams with locally abundant cpy. Estimated 0.8% Cu	B904328	18.25	18.75	0.50	0.427		17.8	1.70%
										
			B904329	18.75	19.30	0.55	0.073		3.4	3800
		19.35-19.65: Qtz-carbonate seams and narrow (< 1 cm) shears with minor cpy bleeding into the walls.	B904330	19.30	19.70	0.40	0.246		9.5	8670
		20.45-20.85: 1-2 cm irregular qtz vein with minor py, sub-parallel to CA.	B904331	19.70	20.80	1.10	<0.005	<0.005	< 0.3	94
		Average 18.25 to 19.70 = 1.45 m @ 0.243 g/t Au, 10.0 ppm Ag, 0.97% Cu	B904332	20.80	21.90	1.10	0.005		< 0.3	141
		21.97: 1 cm qtz-carb vein with clotty py-cpy in the lower wall.	B904333	21.90	22.90	1.00	0.015		0.4	562
			B904334	22.90	23.90	1.00	0.009		< 0.3	120
			B904335	23.90	24.90	1.00	0.012	0.012	< 0.3	160
			B904336	24.90	25.90	1.00	0.007		< 0.3	56

From	To	Description	Sample	From	To	Length	Au g/T	Au rpt	Ag ppm	Cu ppm
1.63	63.09	(continued) 26.45: Angular xenolith of fine-grained mafic rock (volcanic?) with pyrite crystals in it.	B904337	25.90	26.90	1.00	<0.005		< 0.3	42
			B904338	26.90	27.90	1.00	<0.005		< 0.3	38
			B904339	27.90	28.90	1.00	0.007		< 0.3	101
			B904340	28.90	29.90	1.00	0.007		< 0.3	96
		29.9-30.9: Dark alteration, multiple quartz seams. Shear at 30.78-30.80 has qtz-carb seams and diss cpy	B904341	29.90	30.90	1.00	0.044		1.2	1080
			B904342	30.90	32.20	1.30	0.041		2.8	1330
		32.25-32.90: Dark alteration, multiple qtz-carb seams with minor cpy at 45° to 90° to CA.	B904343	32.20	32.95	0.75	0.176		3.8	2870
			B904344	32.95	34.20	1.25	0.022		< 0.3	67
		34.20-36.80: Dark alteration, multiple qtz-carb seams with py, also diss py. 35.40-35.70: Quarts breccia. Rock has been brecciated and impregnated with pyrite and voids filled with quartz. Quartz has then been fractured with hairline calcite seams in the fractures.	B904345	34.20	35.35	1.15	0.073		0.5	98
			B904346	35.35	36.35	1.00	21.200	grav	173	1710
		36.65: Cpy seam ~ 2 mm	B904347	36.35	37.00	0.65	0.053		1.2	1050
		36.80-42.00: Scattered qtz-carb seams, spotty dark alteration with minor diss py.	B904348	37.00	38.00	1.00	0.013		< 0.3	70
			B904349	38.00	39.00	1.00	0.007		< 0.3	44
			B904350	39.00	40.00	1.00	0.040		0.7	716
			B904351	40.00	41.00	1.00	0.008		< 0.3	69
			B904352	41.00	42.00	1.00	0.010		< 0.3	141
		42.00-42.10: Dark alteration, scattered py cubes. Intense calcite alteration at 42.10-42.15 m.	B904353	42.00	43.00	1.00	0.007		< 0.3	36

TASHOTA RESOURCES INC. & ECHO RIDGE RESOURCES LTD. ECHO RIDGE COPPER-GOLD PROJECT	Hole No:
DIAMOND DRILL LOG	ER21-03

Hole No.	ER21-03
Claim No.	188144
Dip	-60°
Depth	21.95 m
Azimuth (local)	
Azimuth (true)	340°
Collar coordinates (local)	
Collar coordinates (UTM)	654250E 5376423N
UTM datum & zone	NAD83 ZONE 15
Date started	September 10, 2021
Date finished	September 19, 2021
Drilled By	W. Magnussen - Custom Diamond Drilling Inc.
Core Size	BTW
Casing Left In	No
Logged By	Colin Bowdidge
Date Logged	October 07, 2021
Core Storage	Sapawe Hotel, Sapawe, NW Ontario
Comments:	<p>Hole was designed to intersect mineralization in trench ET-4 at depth.</p> <p>It was abandoned after rods became stuck after passing through clay seams at 15.2 and 15.7 m</p> <p>The hole was collared in mineralization with anomalous Au, Ag and Cu to 17.2 metres. Follow up hole needs to be set back to intersect the full width of this previously unknown zone.</p>

Dip Tests

From	To	Description	Sample	From	To	Length	Au g/T	Au rpt	Ag ppm	Cu ppm
0.00	2.74	Casing								
2.74	21.95	Diorite: Medium- to coarse-grained, medium grey colour, massive								
		3.50-5.60: Dark alteration, multiple quartz seams with pyrite at 50-60° to CA	904375	3.50	4.55	1.05	0.046		3.70	3330
			904376	4.55	5.60	1.05	0.068		4.20	3370
			904377	5.60	6.80	1.20	0.019		1.00	1030
		7.0-7.2: Two 2 cm quartz veins with heavy fine pyrite and a 1 cm sericitic shear at 90° to CA at 7.0 m	904378	6.80	8.10	1.30	0.036		1.60	1370
			904379	8.10	9.80	1.70	0.009		< 0.3	120
			904380	9.80	10.80	1.00	0.010		0.30	148
			904381	10.80	12.00	1.20	0.011		< 0.3	52
		12.7-13.5: Dark alteration, and quartz seams with pyrite clots	904382	12.00	13.00	1.00	0.060		0.90	610
			904383	13.00	14.33	1.33	0.076		1.70	943
		14.38-14.47: Quartz seams with heavy pyrite	904384	14.33	15.20	0.87	0.087	0.087	2.40	1800
		15.2 and 15.7: Clay seams at <5° to CA	904385	15.20	16.20	1.00	0.013		< 0.3	183
		14.47-17.20: Erratic dark alteration with calcite impregnation, occasional quartz-py seams at 60° CA	904386	16.20	17.20	1.00	0.108		1.80	1660
		17.20-21.95: Massive diorite, very occasional sericitic seams <1 mm thick at 40-75° to CA	904387	17.20	18.80	1.60	0.036		0.50	174
			904388	18.80	20.30	1.50	0.008		< 0.3	46
		21.95 - End of Hole	904389	20.30	21.95	1.65	0.006		< 0.3	40

Hole abandoned due to rods sticking in hole after the clay seams at 15.2 and 15.7 metres

Sample ID	From (m)	To (m)	Length (m)	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	Mg %	Li ppm	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	S %	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
904375	3.50	4.55	1.05	46	3.7	7.8	32	390	< 1	4	2.35	0.9	27	36	3330	5.29	18	3.09	1.72	22	598	< 1	1.53	14	0.07	9	< 5	0.88	16	384	2	0.34	< 5	< 10	152	7	14	151	56
904376	4.55	5.60	1.05	68	4.2	6.92	44	119	< 1	< 2	1.72	1.1	33	36	3370	5.15	17	3.02	1.49	22	503	2	1.39	14	0.07	4	< 5	1.43	14	264	2	0.29	< 5	< 10	137	11	10	169	45
904377	5.60	6.80	1.20	19	1	8.16	22	632	< 1	< 2	3.9	0.4	21	33	1030	4.72	16	2.13	1.81	20	796	1	2.41	15	0.07	11	< 5	0.4	16	729	8	0.32	< 5	< 10	147	< 5	15	71	52
904378	6.80	8.10	1.30	36	1.6	7.29	28	644	< 1	< 2	3.68	0.4	22	46	1370	4.44	16	2.07	1.64	19	716	7	2.57	14	0.07	5	< 5	0.66	14	487	9	0.31	< 5	< 10	141	6	13	79	55
904379	8.10	9.80	1.70	9	< 0.3	6.64	9	676	< 1	< 2	4.01	< 0.3	16	41	120	4.48	16	1.24	1.72	23	908	< 1	2.7	12	0.07	4	< 5	0.13	12	539	9	0.33	< 5	< 10	149	< 5	12	64	67
904380	9.80	10.80	1.00	10	0.3	7.96	7	506	< 1	< 2	4.25	< 0.3	17	39	148	4.69	16	1.68	1.81	22	912	< 1	2.87	12	0.07	4	< 5	0.14	15	567	5	0.29	< 5	< 10	140	< 5	14	61	63
904381	10.80	12.00	1.20	11	< 0.3	7.5	6	544	< 1	< 2	4.33	< 0.3	16	35	52	4.51	16	1.89	1.72	20	882	< 1	2.86	11	0.07	3	< 5	0.39	14	490	12	0.3	< 5	< 10	136	< 5	12	57	64
904382	12.00	13.00	1.00	60	0.9	7.84	7	433	2	< 2	4.24	0.5	16	32	610	4.17	17	1.63	1.55	18	770	4	3.83	12	0.08	8	< 5	0.45	14	532	7	0.3	< 5	< 10	126	< 5	12	60	61
904383	13.00	14.33	1.33	76	1.7	7.66	22	505	2	3	4.89	0.4	22	19	943	4.8	18	2.14	1.81	17	854	3	2.93	13	0.06	15	< 5	0.94	13	451	9	0.27	< 5	< 10	119	6	12	76	37
904384	14.33	15.20	0.87	87	2.4	7.41	19	328	< 1	< 2	4.47	1.1	26	28	1800	4.84	16	2.33	1.64	18	749	< 1	2	13	0.07	7	< 5	1.16	13	420	2	0.29	< 5	< 10	129	18	12	95	36
904385	15.20	16.20	1.00	13	< 0.3	8.02	12	871	< 1	< 2	4.41	< 0.3	16	24	183	4.3	16	2.39	1.59	19	709	< 1	1.99	10	0.07	4	< 5	0.41	14	419	< 2	0.31	< 5	< 10	132	< 5	13	51	34
904386	16.20	17.20	1.00	108	1.8	7.84	34	436	< 1	< 2	3.45	0.5	27	26	1660	4.88	18	2.69	1.73	22	672	2	2.19	11	0.08	< 3	< 5	1.09	13	446	2	0.33	< 5	< 10	145	9	12	79	32
904387	17.20	18.80	1.60	36	0.5	7.73	18	645	< 1	< 2	4.29	< 0.3	17	27	174	4.82	17	1.88	1.76	21	825	2	2.71	11	0.08	5	< 5	0.36	13	614	5	0.33	< 5	< 10	146	< 5	12	46	29
904388	18.80	20.30	1.50	8	< 0.3	8.65	11	483	< 1	< 2	4.59	< 0.3	16	28	46	4.91	17	1.61	1.75	20	815	1	2.77	12	0.08	< 3	< 5	0.14	15	786	2	0.32	< 5	< 10	140	< 5	14	44	27
904389	20.30	21.95	1.65	6	< 0.3	6.94	10	480	< 1	< 2	4.39	< 0.3	16	27	40	4.79	18	0.99	1.7	20	849	< 1	3	10	0.08	< 3	< 5	0.1	12	592	7	0.31	< 5	< 10	141	< 5	12	43	32

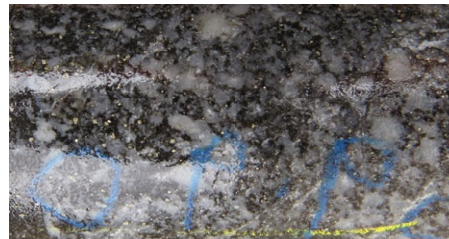
TASHOTA RESOURCES INC. & ECHO RIDGE RESOURCES LTD. ECHO RIDGE COPPER-GOLD PROJECT	Hole No:
DIAMOND DRILL LOG	ER21-04

Hole No.	ER21-04
Claim No.	188144
Dip	-50°
Depth	102.72 m
Azimuth (local)	
Azimuth (true)	326°
Collar coordinates (local)	
Collar coordinates (UTM)	654377E 5376487N
UTM datum & zone	NAD83 ZONE 15
Date started	September 22, 2021
Date finished	October 17, 2021
Drilled By	W. Magnussen - Custom Diamond Drilling Inc.
Core Size	BTW
Casing Left In	No
Logged By	Colin Bowdidge
Date Logged	October 05-18, 2021
Core Storage	Sapawe Hotel, Sapawe, NW Ontario
Comments:	Hole was planned to test mineralization exposed in trench 7 Mineralized zone averaged 0.41% Cu, 0.153 g/t Au, and 3.79 g/t Ag over 7.0m core length, including 0.76% Cu, 0.291 g/t Au and 8.9 g/t Ag over 3.00m.

Dip Tests

From	To	Description	Sample	From	To	Length	Au g/T	Au rpt	Ag ppm	Cu ppm
0.00	1.50	Casing								
1.50	41.20	Diorite: Coarse- to medium-grained, massive, equigranular, pale grey to greenish (saussuritized plagioclase), non-magnetic. Grain size varies over short distances. Occasional qtz-carb seams and occasional minor pyrite 3.9-4.2: Dark alteration (VFG chlorite-biotite?), qtz-carb seams with pyrite 4.75-5.25: Dark alteration, quartz and qtz-py-cpy seams at 70° to CA 6.57-6.93: Quartz Vein, upper contact at 40°, lower contact at 50° in opposite sense. A few dark chloritic seams, also at 40° to CA, with pyrite cubes 8.0-8.4: Qtz and qtz-cpy seams at 80-90° to CA 8.5-9.1: A few calcite seams and very minor disseminated pyrite 9.1-9.6: Qtz and qtz-carb and py-cpy seams, all at 80-90° to CA 9.6-14.5: Rock is sheared in places, pervasive calcite alteration, and occasional pyrite seams. Heavy seams of cpy at 12.9-13.0 m. Average 8.00-13.00 = 5.00 m @ 0.198 g/t Au, 6.1 ppm Ag, 0.28% Cu includes 8.00-11.00 = 3.00 m @ 0.291 g/t Au, 8.9 ppm Ag, 0.34% Cu 15-18: Rock appears banded in places due to dark alteration bands at 30-40° to CA. A few calcite seams. 18.68-18.75: Splashes of py and cpy 19.25-19.35: Dark alteration, ~ 3% diss py 19.35-21.65: Dark alteration bands at 20-40° to CA, also calcite seams 22.0-23.5: Occasional calcite seams, minor diss py: Qtz-carb-py seams at 70° to CA at 22.3-22.5 23.55-24.65: White quartz vein, both contacts at 10° to CA, minor py cubes near contacts. Heavy dark alteration and 1-2% diss py at 24.65-24.90 27.5-28.0: Rock is fractured, core is badly broken, some dark alteration with minor py 28.0-30.8: Very minor dark alteration, a few calcite-pyrite seams at 80° to CA 30.8-31.65: About 50% dark alteration, some calcite seams and minor diss py 32.35-33.05: About 50% dark alteration, quartz-pyrite seams at 85-90° to CA 34.05-34.8: Continuous dark alteration, some epidote, scattered py	B904390	1.50	2.50	1.00	0.009		< 0.3	252
			B904391	2.50	3.50	1.00	0.012		0.7	572
			B904392	3.50	4.50	1.00	0.016		0.7	621
			B904393	4.50	5.50	1.00	0.037		2.4	2500
			B904394	5.50	6.50	1.00	<0.005		< 0.3	62
			B904395	6.50	7.00	0.50	0.007		< 0.3	244
			B904396	7.00	8.00	1.00	0.029		1.6	1230
			B904397	8.00	8.50	0.50	0.558		31.6	2.5%
			B904398	8.50	9.00	0.50	0.006		0.4	185
			B904399	9.00	10.00	1.00	0.075		3.2	2580
			B904400	10.00	11.00	1.00	0.516		7.6	7600
			B904401	11.00	12.00	1.00	0.028		1.2	903
			B904402	12.00	13.00	1.00	0.090		2.7	2880
			B904403	13.00	14.00	1.00	0.046		1.2	774
			B904404	14.00	15.00	1.00	0.006		0.3	62
			B904405	15.00	16.00	1.00	0.010		< 0.3	119
			B904406	16.00	17.00	1.00	0.018		0.7	514
			B904407	17.00	18.00	1.00	0.015	0.014	0.4	407
			B904408	18.00	19.00	1.00	0.040		0.8	708
			B904409	19.00	20.50	1.50	0.012		< 0.3	271
			B904410	20.50	22.00	1.50	0.008		< 0.3	74
			B904411	22.00	23.50	1.50	0.007		< 0.3	134
			B904412	23.50	24.90	1.40	0.017		< 0.3	88
			B904413	24.90	26.50	1.60	0.007		< 0.3	76
			B904414	26.50	28.00	1.50	0.016		0.3	336
			B904415	28.00	29.50	1.50	0.010		< 0.3	115
			B904416	29.50	30.80	1.30	0.008		< 0.3	62
			B904417	30.80	32.00	1.20	0.016	0.018	0.4	350
			B904418	32.00	33.10	1.10	0.007		< 0.3	84
			B904419	33.10	34.00	0.90	0.006		< 0.3	22
			B904420	34.00	35.00	1.00	0.020		0.9	763

From	To	Description	Sample	From	To	Length	Au g/T	Au rpt	Ag ppm	Cu ppm	
1.50	41.20	<i>(continued)</i> 34.8-41.2: Diorite is massive and unaltered, with very minor quartz-pyrite seams	B904421	35.00	36.50	1.50	0.008		0.3	69	
			B904422	36.50	38.00	1.50	0.008		0.3	138	
			B904423	38.00	39.50	1.50	0.010		< 0.3	105	
			B904424	39.50	41.00	1.50	0.008		< 0.3	71	
41.20	44.90	Mafic Porphyry: Dark grey, massive, fine-grained groundmass with 1-2 mm sized pyroxene phenocrysts. Contacts appear to be gradational. Minor qtz-carb seams, scattered diss py (« 1%)	B904425	41.00	42.30	1.30	0.008		< 0.3	80	
			B904426	42.30	43.60	1.30	0.009		0.7	76	
			B904427	43.60	45.00	1.40	0.018		0.3	283	
44.90	70.00	Diorite: As above 47.70-47.86: Sand Seam 47.86-48.2: ±3% diss py, chlorite seams at 50-60° to CA 48.2-50.3: Diorite appears finer-grained and more felsic than usual 50.6-50.7: Dark alteration, quartz seams at 80° to CA, minor diss py 50.7-51.5: Diorite is very coarse-grained, greenish coloured, grades into "normal" diorite at contacts 51.5-57.1: Multiple pale green (epidote) healed fracture/shears at 40-50° to CA 54.3-54.7: Dark alteration, shearing, 3% fine diss py 56.5-57.0: Some sections of microbreccia (see below) 57.1-57.9: Very coarse grained diorite 57.9-58.1: Dark alteration, shearing, minor diss py - Diorite is very coarse grained at 58.1-58.9 59.1-59.85: Increasing microbrecciation (clasts are plagioclase grains, matrix is vfg black chloritic (?) mass) 59.95-59.90: Sand Seam 59.90-60.6: Intense microbrecciation, later silicification, 3-5% diss py 60.6-62.8: Finer-grained diorite, contacts gradational 62.8-63.5: Very Coarse grained diorite with sub-ophitic texture	B904428	45.00	46.50	1.50	0.008		< 0.3	73	
			B904429	46.50	47.70	1.20	0.132		0.6	606	
			B904430	47.86	49.00	1.14	0.030		0.4	339	
			B904431	49.00	50.25	1.25	0.014		0.3	283	
			B904432	50.25	50.75	0.50	0.096		1.4	1040	
			B904433	50.75	52.00	1.25	0.008		< 0.3	96	
			B904434	52.00	53.50	1.50	0.008	0.008	< 0.3	99	
			B904435	53.50	55.00	1.50	0.009		0.5	77	
			B904436	55.00	56.50	1.50	0.006		0.6	74	
			B904437	56.50	57.90	1.40	0.009		0.6	129	
			B904438	57.90	59.00	1.10	0.005		0.7	83	
			B904439	59.00	59.85	0.85	0.014		0.6	254	
			B904440	59.90	60.70	0.80	0.011		0.5	156	
			B904441	60.70	62.00	1.30	0.023		0.7	349	
			B904442	62.00	63.50	1.50	0.007		0.5	120	



From	To	Description	Sample	From	To	Length	Au g/T	Au rpt	Ag ppm	Cu ppm
44.90	70.00	<i>(continued)</i> 63.8-64.8: Dark alteration, grading out at both ends, minor diss py 66.85- 70.0: Variable dark alteration, scattered sections with 1-2% diss py	B904443	63.50	65.00	1.50	<0.005	<0.005	0.5	166
			B904444	65.00	66.60	1.60	0.006		0.5	160
			B904445	66.60	67.60	1.00	0.026		1.2	754
			B904446	67.60	68.60	1.00	0.039		0.9	573
			B904447	68.60	69.60	1.00	0.060		1.1	910
70.00	97.77	Diorite: Much finer grained than the above - "microdiorite" would be an appropriate name. Texture is variable in places, with some local banding with apparent contortion. This section has sporadic zones of shearing/schistosity at 40-60° to CA, with subsequent silicification. 70.0-71.35: several sheared zones, quartz and qtz-calcite veins up to 10 cm, with py. 71.35-72.4: Some banding at ~45° to CA due to dark alteration, a few qtz seams with minor py 81.3-81.7: white quartz vein with contacts at ~30° to CA, with coarse clots of po and py 83-88: Fairly abundant quartz seams at 45-90° to CA, with minor py associated. Some calcite hairline seams. 92.13: 1 cm qtz-calcite vein at 35° to CA, with cpy splash at 35° to CA 94.34: qtz-calcite lens with knots of py and po 97.0-97.77: ± 2% diss py								
			B904448	69.60	71.35	1.75	0.032		0.9	257
			B904449	71.35	72.50	1.15	0.008		0.6	72
			B904450	72.50	74.00	1.50	0.005		0.6	75
			B904451	74.00	75.50	1.50	0.028		0.8	183
			B904452	75.50	77.00	1.50	0.012		0.5	73
			B904453	77.00	78.50	1.50	0.006	0.008	0.4	34
			B904454	78.50	80.00	1.50	0.006		0.4	59
			B904455	80.00	81.25	1.25	0.007		0.4	87
			B904456	81.25	82.00	0.75	0.006		0.4	90
			B904457	82.00	83.50	1.50	0.009	0.012	0.5	83
			B904458	83.50	85.00	1.50	0.035		0.5	40
			B904459	85.00	86.50	1.50	0.033		1.4	46
			B904460	86.50	88.00	1.50	0.019		0.6	85
			B904461	88.00	89.50	1.50	0.005		0.4	47
			B904462	89.50	91.00	1.50	0.010		0.5	115
			B904463	91.00	92.50	1.50	0.074		1.7	915
			B904464	92.50	94.00	1.50	<0.005		0.4	58
			B904465	94.00	95.50	1.50	0.024		0.6	164
			B904466	95.50	96.75	1.25	0.007		0.4	38
B904467	96.75	97.75	1.00	0.005		0.6	45			
97.77	99.55	Altered Zone? Rock is composed of fine-grained biotite-chlorite-calcite with feldspar "phenocrysts". Calcite also forms irregular veinlets and patches. Traces of py.	B904468	97.75	98.65	0.90	0.008	0.010	0.5	77
			B904469	98.65	99.55	0.90	0.012		0.7	65
99.55	102.72	Diorite: fine-grained as 70.0-99.77. ±2% py from 99.55 to 100.45 102.72 - End Of Hole	B904470	99.55	100.25	0.70	0.012	0.012	0.8	54
			B904471	100.25	101.60	1.35	<0.005		0.4	49
			B904472	101.60	102.72	1.12	0.032	0.020	0.6	50

TASHOTA RESOURCES INC. & ECHO RIDGE RESOURCES LTD. ECHO RIDGE COPPER-GOLD PROJECT	Hole No:
DIAMOND DRILL LOG	ER21-05

Hole No.	ER21-05
Claim No.	188144
Dip	-60°
Depth	61.57 m
Azimuth (local)	
Azimuth (true)	326°
Collar coordinates (local)	
Collar coordinates (UTM)	654379E 5376484N
UTM datum & zone	NAD83 ZONE 15
Date started	October 19, 2021
Date finished	November 05, 2021
Drilled By	W. Magnussen - Custom Diamond Drilling Inc.
Core Size	BTW
Casing Left In	No
Logged By	Gerry White
Date Logged	November 23-29, 2021
Core Storage	Sapawe Hotel, Sapawe, NW Ontario
Comments:	<p>Hole was planned to test mineralization exposed in trench 7 and undercut ER21-04</p> <p>Mineralized zone averaged 0.38% Cu, 0.079 g/t Au and 4.6 g/t Ag over a 6.00m core length.</p> <p>Hole was collared in alteration with anomalous Cu; the next drill hole should set back to cut the full width,</p>

Dip Tests

From	To	Description	Sample	From	To	Length	Au g/T	Au rpt	Ag ppm	Cu ppm
0.00	2.00	Casing								
2.00	6.50	Diorite: Fine- to medium-grained, massive, occasional feldspar-phyric sections, pale grey to locally reddish (altered feldspars). Occasional 1 to 5 mm seams or fractures with sub- to euhedral py and cpy 2.6-2.7: Dark alteration (biotite & chlorite) up to 5% coarse py & lesser cpy, rare qtz-carb seams	B904101	2.00	3.00	1.00	0.020		1.00	1380
			B904102	3.00	4.00	1.00	0.009		0.50	258
			B904103	4.00	5.00	1.00	0.007		0.30	84
			B904104	5.00	6.00	1.00	0.017		0.80	980
			B904105	6.00	6.50	0.50	0.005		0.30	68
6.50	15.50	Altered Diorite: Dark grey to black, very fine-grained, with "windows" of less altered diorite between 9.5 and 10.35 m 8.79 and 8.89: 3 cm qtz-carb breccia veins 10.35-13.46: Prominent 1 to 7 cm seams of cpy and lesser py in qtz-carb veining 13.55: 1 cm seam of massive py 13.6-15.5: 1 to 5 cm seams of qtz-carb throughout and some qtz-carb brecciation, <1% vfg py 9.50-15.50: 6.00 m @ 0.079 g/t Au, 4.6 ppm Ag, 0.38% Cu	B904106	6.50	7.50	1.00	0.012		0.60	355
			B904107	7.50	8.50	1.00	0.029		2.70	1780
			B904108	8.50	9.50	1.00	0.008		0.60	296
			B904109	9.50	10.50	1.00	0.036	0.036	9.00	8340
			B904110	10.50	11.50	1.00	0.014		0.50	297
			B904111	11.50	12.50	1.00	0.077		2.40	1680
			B904112	12.50	13.50	1.00	0.234		10.80	8550
			B904113	13.50	14.50	1.00	0.049		2.60	1880
			B904114	14.50	15.50	1.00	0.061		2.10	2260
15.50	27.00	Diorite: Fine- to medium-grained diorite as above but much less massive overall with numerous green chlorite-carb seams and spider-like qtz-carb-chlorite seams. Some foliation at 55° to CA. Diorite is overall disrupted and brecciated. Scattered «1% vfg py. Some areas of vfg dark grey mafic alteration and increased seams and disseminations of py. 20.05-20.30: Mafic altered with 3 cm qtz-carb vein 20.75-20.76: 1 cm seam of massive py-cpy 25-27: medium- to coarse-grained diorite 25.05: 1.5 cm mafic fragment	B904115	15.50	16.50	1.00	0.006		0.40	103
			B904116	16.50	17.50	1.00	0.006		0.30	76
			B904117	17.50	18.50	1.00	<0.005		< 0.3	59
			B904118	18.50	19.50	1.00	<0.005		0.40	54
			B904119	19.50	20.50	1.00	<0.005	<0.005	< 0.3	49
			B904120	20.50	21.50	1.00	0.007		0.40	146
			B904121	21.50	22.50	1.00	0.019		0.80	473
			B904122	22.50	23.50	1.00	0.008		0.40	110
			B904123	23.50	24.50	1.00	0.005	0.005	< 0.3	90
			B904124	24.50	25.50	1.00	0.007		0.30	138
			B904125	25.50	26.50	1.00	0.006		< 0.3	91
			B904126	26.50	27.00	0.50	0.008		0.50	148
27.00	29.40	Mafic Altered Diorite: Very fine-grained, dark grey altered section but much less mineralized than above. Disseminated vfg <1% pyrite throughout. Minor 1-3 mm seams and fractures of coarse py.	B904127	27.00	28.00	1.00	0.019		0.70	309
			B904128	28.00	29.00	1.00	0.012		0.80	60
			B904129	29.00	29.50	0.50	0.007		0.30	53
29.40	61.57	Diorite: Varies from fine to coarse-grained, coarser grained sections have porphyritic texture with feldspar phenocrysts. Diorite is highly disrupted, deformed and brecciated. Prominent dark grey to black altered sections as follows: 34.0-34.34: 1-2% diss py, 1-2 mm foliation-parallel carb veins	B904130	29.50	30.50	1.00	0.013		0.90	475
			B904131	30.50	31.50	1.00	0.006		0.40	159
			B904132	31.50	32.50	1.00	<0.005		0.50	95
			B904133	32.50	33.50	1.00	0.006		0.30	69
			B904134	33.50	34.50	1.00	<0.005		< 0.3	80
			B904135	34.50	35.50	1.00	0.005		0.30	89

B904142	41.50	42.50	1.00	7	0.4	8.01	9	416	< 1	3	4.57	< 0.3	22	28	105	5.88	19	1.43	2.09	26	924	1	2.58	11	0.08	4	< 5	0.61	18	691	9	0.41	< 5	< 10	176	< 5	16	71	55
B904143	42.50	43.50	1.00	12	0.6	8.49	9	376	< 1	< 2	4.74	< 0.3	21	40	362	5.49	21	1.25	2.18	20	954	< 1	2.86	19	0.08	4	< 5	0.26	16	664	5	0.33	< 5	< 10	159	< 5	16	80	48
B904144	43.50	44.50	1.00	< 5	< 0.3	8.46	11	405	< 1	< 2	4.86	< 0.3	20	20	124	5.76	19	1.21	2.12	20	1010	1	2.71	16	0.08	10	< 5	0.18	19	683	< 2	0.24	< 5	< 10	130	< 5	17	85	47
B904145	44.50	45.50	1.00	6	0.4	6.15	12	388	< 1	2	4.67	< 0.3	22	26	142	5.64	20	0.87	2.04	20	1030	< 1	2.93	10	0.08	3	< 5	0.28	11	659	9	0.41	< 5	< 10	184	< 5	12	83	64
B904146	45.50	46.50	1.00	< 5	0.4	8.35	16	674	< 1	< 2	4.44	< 0.3	21	15	71	5.74	20	1.56	2.11	27	1040	< 1	2.5	12	0.08	4	< 5	0.32	19	567	9	0.37	< 5	< 10	167	< 5	17	84	72
B904147	46.50	47.50	1.00	< 5	0.4	8.7	10	453	< 1	< 2	4.85	< 0.3	20	14	67	5.83	20	1.39	2.16	21	1030	< 1	2.73	11	0.08	7	< 5	0.09	19	729	3	0.34	< 5	< 10	162	< 5	18	87	69
B904148	47.50	48.50	1.00	7	0.5	8.58	5	450	< 1	< 2	4.58	< 0.3	20	16	292	5.7	21	1.42	2.13	20	983	1	2.69	11	0.08	5	< 5	0.09	20	658	10	0.17	< 5	< 10	109	< 5	18	89	46
B904149	48.50	49.50	1.00	7	0.5	8.59	11	424	< 1	< 2	4.91	< 0.3	20	14	326	5.71	22	1.3	2.1	19	1020	< 1	2.56	12	0.08	5	< 5	0.08	19	688	13	0.18	< 5	< 10	101	< 5	17	87	47
B904150	49.50	50.50	1.00	114	3.2	8.06	14	752	< 1	< 2	3.89	0.6	28	17	4750	5.91	20	2.19	2.01	25	853	1	2.45	9	0.08	< 3	< 5	0.61	18	531	4	0.39	< 5	< 10	167	< 5	15	113	70
B904151	50.50	51.50	1.00	12	0.6	8.37	13	423	< 1	< 2	4.67	< 0.3	25	18	469	5.78	21	1.43	2.12	21	983	< 1	2.54	14	0.08	4	< 5	0.29	19	674	5	0.27	< 5	< 10	147	< 5	17	89	55
B904152	51.50	52.50	1.00	7	0.5	8.29	7	631	< 1	< 2	4.98	< 0.3	20	22	254	5.56	20	1.69	2.04	25	1040	< 1	2.41	14	0.08	6	< 5	0.22	18	567	9	0.32	< 5	< 10	155	< 5	17	85	68
B904153	52.50	53.50	1.00	< 5	0.5	8.41	6	479	< 1	< 2	4.1	< 0.3	18	31	134	4.9	19	1.54	1.88	21	878	< 1	2.91	15	0.07	6	< 5	0.1	17	593	7	0.27	< 5	< 10	130	< 5	16	77	77
B904154	53.50	54.50	1.00	< 5	< 0.3	6.03	13	340	< 1	2	4.21	< 0.3	18	28	152	4.92	20	0.89	1.76	17	947	1	2.84	10	0.07	4	< 5	0.08	10	632	10	0.37	< 5	< 10	159	< 5	10	80	70
B904155	54.50	55.50	1.00	18	1.3	7.87	14	641	< 1	< 2	4.32	0.4	23	39	1040	5.51	20	1.48	2.11	20	1010	< 1	2.43	19	0.07	4	< 5	0.34	17	557	7	0.39	< 5	< 10	176	< 5	14	96	65
B904156	55.50	56.50	1.00	15	1.5	7.45	13	531	< 1	< 2	4.34	< 0.3	21	21	880	5.26	19	1.67	1.9	23	931	< 1	2.52	13	0.07	4	< 5	0.41	15	614	6	0.37	< 5	< 10	160	< 5	14	88	61
B904157	56.50	57.50	1.00	23	1.4	8.12	19	706	< 1	< 2	4	0.3	22	24	828	5	19	2.01	1.99	25	862	< 1	2.43	15	0.07	6	< 5	0.32	17	574	< 2	0.35	< 5	< 10	153	< 5	15	89	57
B904158	57.50	58.50	1.00	9	0.5	8.33	9	482	< 1	< 2	4.57	< 0.3	19	26	291	5.2	20	1.64	1.96	24	923	< 1	2.55	13	0.07	7	< 5	0.18	17	724	< 2	0.2	< 5	< 10	114	< 5	16	81	33
B904159	58.50	59.50	1.00	5	0.6	8.4	9	441	< 1	< 2	4.74	< 0.3	18	20	52	5.41	22	1.59	2.07	23	949	< 1	2.52	14	0.08	6	< 5	0.13	18	773	5	0.15	< 5	< 10	98	< 5	16	75	27
B904160	59.50	60.50	1.00	61	2.2	8.34	34	269	< 1	2	2.92	0.6	30	60	1740	6.21	22	2.18	2.62	43	817	3	1.56	26	0.08	< 3	< 5	1.08	21	352	7	0.42	< 5	< 10	196	6	15	97	58
B904161	60.50	61.57	1.07	18	0.6	8.49	15	865	< 1	2	2.49	< 0.3	20	39	402	5.26	22	1.88	1.99	28	721	2	2.24	19	0.08	5	< 5	0.34	17	476	8	0.4	< 5	< 10	158	5	14	73	67

APPENDIX 2
(Certificates of Analysis – Echo Ridge Property)



Report No.: A21-14207
Report Date: 08-Sep-21
Date Submitted: 27-Jul-21
Your Reference:

Tashota Resources Inc
82 Richmond St East
Toronto ON M5C 1P1
Canada

ATTN: Russell Kwiatkowski

CERTIFICATE OF ANALYSIS

57 Core samples were submitted for analysis.

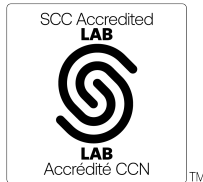
Table with 3 columns: Analytical package, Description, and Testing Date. Rows include 1A2-Tbay (QOP AA-Au), 1F2-Tbay (QOP Total), and their respective testing dates.

REPORT A21-14207

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.



LabID: 673

ACTIVATION LABORATORIES LTD.
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CERTIFIED BY:

[Handwritten signature]

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Results

Activation Laboratories Ltd.

Report: A21-14207

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
1128602	7	< 0.3	8.49	6	444	< 1	< 2	4.99	< 0.3	18	27	63	5.52	19	1.30	1.90	18	1070	< 1	2.40	13	0.072	4
1128603	10	< 0.3	8.44	4	457	< 1	< 2	4.79	< 0.3	17	24	63	5.31	19	1.26	1.80	18	1040	< 1	2.61	12	0.074	6
1128604	5	< 0.3	8.01	< 3	514	< 1	< 2	4.84	< 0.3	18	32	68	5.13	18	1.45	1.81	20	1020	< 1	2.40	13	0.072	3
1128605	< 5	< 0.3	8.08	< 3	412	< 1	< 2	4.62	< 0.3	18	34	27	5.27	19	1.38	1.88	21	993	< 1	2.47	15	0.075	4
1128606	5	< 0.3	7.66	< 3	552	< 1	< 2	4.25	< 0.3	18	33	89	4.60	20	1.51	1.61	19	830	< 1	2.66	12	0.071	5
1128607	5	< 0.3	6.36	< 3	393	< 1	< 2	4.43	< 0.3	15	31	42	4.53	19	1.33	1.58	19	824	1	2.71	11	0.072	6

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
1128551	< 5	0.07	13	775	< 2	0.30	< 5	< 10	126	< 5	14	73	79
1128552	< 5	0.10	15	747	10	0.33	< 5	< 10	145	< 5	14	78	65
1128553	< 5	0.08	15	816	6	0.21	< 5	< 10	97	< 5	14	68	56
1128554	< 5	0.02	11	740	9	0.33	< 5	< 10	146	< 5	11	75	70
1128555	< 5	0.05	15	779	< 2	0.32	< 5	< 10	142	< 5	15	78	73
1128556	< 5	0.32	14	670	< 2	0.31	< 5	< 10	135	< 5	14	70	73
1128557	< 5	0.16	17	737	7	0.25	< 5	< 10	127	< 5	15	81	54
1128558	< 5	0.07	15	791	< 2	0.24	< 5	< 10	113	< 5	15	76	56
1128559	< 5	0.22	8	731	< 2	0.25	< 5	< 10	95	< 5	15	36	95
1128560	< 5	0.06	15	569	7	0.31	< 5	< 10	140	6	15	69	75
1128561	< 5	0.04	14	747	6	0.32	< 5	< 10	138	< 5	14	71	64
1128562	< 5	1.56	11	420	8	0.26	< 5	< 10	92	6	12	64	63
1128563	< 5	0.50	13	501	< 2	0.32	< 5	< 10	132	6	13	55	60
1128564	< 5	0.19	15	661	7	0.30	< 5	< 10	147	< 5	14	58	48
1128565	< 5	0.12	17	834	8	0.18	< 5	< 10	116	< 5	15	64	36
1128566	< 5	0.25	16	1040	6	0.31	< 5	< 10	147	< 5	15	67	57
1128567	< 5	0.48	14	659	< 2	0.32	< 5	< 10	136	10	14	91	75
1128568	< 5	0.16	15	738	5	0.33	< 5	< 10	146	< 5	14	73	73
1128569	< 5	0.10	7	385	2	0.14	< 5	< 10	60	< 5	7	41	27
1128570	< 5	0.45	16	675	2	0.34	< 5	< 10	158	6	14	71	69
1128571	< 5	0.78	15	539	9	0.35	< 5	< 10	167	5	13	64	64
1128572	< 5	0.61	16	653	9	0.32	< 5	< 10	147	10	14	79	60
1128573	< 5	1.24	14	278	< 2	0.32	< 5	< 10	148	15	13	100	56
1128574	< 5	0.25	16	669	9	0.26	< 5	< 10	128	< 5	15	57	50
1128575	< 5	1.34	16	436	3	0.33	< 5	< 10	159	20	14	191	61
1128576	< 5	0.17	17	777	7	0.26	< 5	< 10	133	< 5	15	74	52
1128577	< 5	0.33	17	745	12	0.35	< 5	< 10	161	7	15	67	63
1128578	< 5	0.43	15	743	3	0.34	< 5	< 10	162	6	14	99	58
1128579	< 5	0.22	16	795	6	0.35	< 5	< 10	165	7	14	92	62
1128580	< 5	0.06	12	1250	< 2	0.35	< 5	< 10	136	< 5	25	101	195
1128581	< 5	0.38	16	1290	17	0.30	< 5	< 10	172	7	23	99	71
1128582	< 5	0.13	20	704	3	0.33	< 5	< 10	169	< 5	16	76	62
1128583	< 5	0.34	15	635	11	0.33	< 5	< 10	157	17	14	81	67
1128584	< 5	0.24	15	718	16	0.25	< 5	< 10	123	< 5	15	71	59
1128585	< 5	0.37	17	546	10	0.31	< 5	< 10	148	< 5	15	81	55
1128586	< 5	0.08	16	740	13	0.23	< 5	< 10	118	< 5	15	70	52
1128587	< 5	0.02	16	789	5	0.23	< 5	< 10	98	< 5	15	69	55
1128588	< 5	0.05	17	764	10	0.31	< 5	< 10	142	< 5	16	71	71
1128589	< 5	0.38	17	633	5	0.34	< 5	< 10	159	6	15	66	73
1128590	< 5	0.17	18	745	4	0.29	< 5	< 10	144	< 5	16	72	62
1128591	< 5	0.24	12	718	20	0.34	< 5	< 10	153	7	12	73	74
1128592	< 5	0.87	16	510	3	0.34	< 5	< 10	154	14	14	137	70
1128593	< 5	0.84	16	489	11	0.34	< 5	< 10	160	12	14	82	68
1128594	< 5	0.09	17	792	5	0.18	< 5	< 10	102	< 5	16	73	51
1128595	< 5	0.05	16	800	8	0.17	< 5	< 10	89	< 5	16	72	52
1128596	< 5	1.28	14	533	5	0.34	< 5	< 10	154	6	14	122	73
1128597	< 5	0.14	19	781	5	0.29	< 5	< 10	152	< 5	16	68	57
1128598	< 5	0.54	19	660	9	0.36	< 5	< 10	174	5	16	71	63
1128599	< 5	0.10	18	717	8	0.35	< 5	< 10	162	< 5	16	72	69
1128600	< 5	0.10	15	720	10	0.19	< 5	< 10	100	< 5	15	74	60
1128601	< 5	0.03	19	724	12	0.18	< 5	< 10	105	< 5	17	74	52

Results

Activation Laboratories Ltd.

Report: A21-14207

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
1128602	< 5	0.02	19	761	9	0.15	< 5	< 10	87	< 5	17	85	42
1128603	< 5	0.02	18	732	4	0.21	< 5	< 10	101	< 5	16	83	52
1128604	< 5	0.03	18	713	< 2	0.29	< 5	< 10	139	< 5	16	77	51
1128605	< 5	0.02	18	744	5	0.30	< 5	< 10	145	< 5	16	74	38
1128606	< 5	0.25	13	718	< 2	0.19	< 5	< 10	93	< 5	14	57	37
1128607	< 5	< 0.01	10	788	< 2	0.32	< 5	< 10	143	< 5	10	48	40

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Oreas 72a (4 Acid) Meas				3						148	187	311	9.66									6030	
Oreas 72a (4 Acid) Cert				14.7						157	228	316	9.63									6930.000	
Oreas 72a (4 Acid) Meas				5						151	207	318	9.67									6400	
Oreas 72a (4 Acid) Cert				14.7						157	228	316	9.63									6930.000	
Oreas 72a (4 Acid) Meas				7						143	178	310	9.43									6010	
Oreas 72a (4 Acid) Cert				14.7						157	228	316	9.63									6930.000	
OREAS 98 (4 Acid) Meas		43.0					68			122		> 10000											298
OREAS 98 (4 Acid) Cert		45.1					97.2			121		14800.0											345
OREAS 98 (4 Acid) Meas		40.8					113			119		> 10000											295
OREAS 98 (4 Acid) Cert		45.1					97.2			121		14800.0											345
OREAS 98 (4 Acid) Meas		42.2					63			122		> 10000											307
OREAS 98 (4 Acid) Cert		45.1					97.2			121		14800.0											345
OREAS 904 (4 Acid) Meas		0.5	6.38	72	216	10	< 2	0.05		96	52	6110	6.80	17	3.17	0.58	16	436	< 1	0.04	43	0.091	9
OREAS 904 (4 Acid) Cert		0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7	3.31	0.556	16.7	410	2.12	0.0340	40.1	0.0980	10.6
OREAS 904 (4 Acid) Meas		0.7	6.76	89	206	10	4	0.05		97	59	6320	7.04	17	2.54	0.60	16	457	2	0.04	49	0.101	7
OREAS 904 (4 Acid) Cert		0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7	3.31	0.556	16.7	410	2.12	0.0340	40.1	0.0980	10.6
SBC-1 Meas				24	717	3	< 2		0.6	22	91	34		27				162			81		30
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0				163			83		35.0
SBC-1 Meas				20	764	3	< 2		0.4	23	76	28		27				162			83		27
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0				163			83		35.0
OREAS 96 (4 Acid) Meas		11.8					26			50		> 10000											93
OREAS 96 (4 Acid) Cert		11.5					26.3			49.9		39300											101
OREAS 96 (4 Acid) Meas		11.7					19			52		> 10000											95
OREAS 96 (4 Acid) Cert		11.5					26.3			49.9		39300											101
OREAS 96 (4 Acid) Meas		12.2					35			52		> 10000											93
OREAS 96 (4 Acid) Cert		11.5					26.3			49.9		39300											101
OREAS 923 (4 Acid) Meas		2.3	7.28	6	456	3	31	0.50	0.6	24	83	4350	6.63	20	2.60	1.77	32	1050	< 1	0.33	40	0.067	89
OREAS 923 (4 Acid) Cert		1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3	2.51	1.69	31.4	950	0.930	0.324	35.8	0.0630	83.0
OREAS 923 (4 Acid) Meas		2.2	7.59	6	449	3	14	0.51	< 0.3	24	87	4470	6.75	19	2.43	1.80	33	1020	< 1	0.33	38	0.067	83
OREAS 923 (4 Acid) Cert		1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3	2.51	1.69	31.4	950	0.930	0.324	35.8	0.0630	83.0
OREAS 621 (4 Acid) Meas		71.0	6.35	64		2	5	2.08	295	31	33	3680	3.72	26	1.19	0.52	14	522	14	1.22	29	0.038	> 5000

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
OREAS 621 (4 Acid) Cert		69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6	2.20	0.507	14.2	532	13.6	1.31	26.2	0.0359	13600
OREAS 621 (4 Acid) Meas		72.8	6.85	70		2	5	2.20	282	32	34	3810	3.93	26	2.32	0.55	14	530	14	1.31	28	0.040	> 5000
OREAS 621 (4 Acid) Cert		69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6	2.20	0.507	14.2	532	13.6	1.31	26.2	0.0359	13600
OREAS 621 (4 Acid) Meas		71.8	6.72	76		2	3	2.16	275	31	37	3750	3.83	26	2.23	0.53	14	523	13	1.27	28	0.038	> 5000
OREAS 621 (4 Acid) Cert		69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6	2.20	0.507	14.2	532	13.6	1.31	26.2	0.0359	13600
Oreas 237 (Fire Assay) Meas	2220																						
Oreas 237 (Fire Assay) Cert	2210																						
Oreas 237 (Fire Assay) Meas	2300																						
Oreas 237 (Fire Assay) Cert	2210																						
Oreas E1336 (Fire Assay) Meas	501																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	520																						
Oreas E1336 (Fire Assay) Cert	510																						
OREAS 681 (4 Acid) Meas		0.3	7.93		418	1	< 2	5.84		51	1670	273	8.02	16	1.45	5.28	13	1360	< 1	1.53	470	0.132	6
OREAS 681 (4 Acid) Cert		0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6	1.35	5.19	13.0	1310	1.38	1.61	503	0.141	10.2
OREAS 681 (4 Acid) Meas		< 0.3	7.71		420	1	< 2	5.90		50	1710	271	7.83	16	1.44	5.20	13	1370	< 1	1.49	469	0.133	8
OREAS 681 (4 Acid) Cert		0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6	1.35	5.19	13.0	1310	1.38	1.61	503	0.141	10.2
OREAS 681 (4 Acid) Meas		< 0.3	7.79		411	1	< 2	5.82		48	1650	263	7.53	16	1.43	5.07	12	1290	< 1	1.50	465	0.128	5
OREAS 681 (4 Acid) Cert		0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6	1.35	5.19	13.0	1310	1.38	1.61	503	0.141	10.2
OREAS 247 (4 Acid) Meas		2.7	6.06	2950	552	3	< 2	0.89	< 0.3	14	92	43	3.32	18	1.96	1.25	33	393	< 1	0.49	48	0.046	32
OREAS 247 (4 Acid) Cert		2.16	6.08	3510	550	2.23	0.580	0.826	0.0650	12.0	97.0	42.2	3.32	16.3	2.45	1.22	31.8	360	1.76	0.499	45.9	0.0480	31.9
OREAS 247 (4 Acid) Meas		2.8	6.44	3010	543	3	< 2	0.91	< 0.3	14	97	43	3.45	17	2.07	1.30	34	414	< 1	0.50	49	0.048	31
OREAS 247 (4 Acid) Cert		2.16	6.08	3510	550	2.23	0.580	0.826	0.0650	12.0	97.0	42.2	3.32	16.3	2.45	1.22	31.8	360	1.76	0.499	45.9	0.0480	31.9
1128551 Orig		0.4	8.36	< 3	503	1	< 2	4.09	< 0.3	14	39	52	4.37	20	1.56	1.50	15	889	< 1	2.97	13	0.070	7
1128551 Dup		0.3	8.13	< 3	504	1	< 2	4.07	< 0.3	14	28	51	4.37	20	1.55	1.50	15	893	1	2.98	12	0.070	10
1128559 Orig	< 5																						
1128559 Dup	< 5																						
1128569 Orig	< 5																						
1128569 Dup	< 5																						
1128573 Orig	82																						
1128573 Dup	78																						
1128576 Orig		0.5	8.26	5	519	< 1	< 2	4.89	< 0.3	18	34	285	5.01	19	1.68	1.79	20	974	< 1	2.58	13	0.073	6
1128576 Dup		0.5	8.38	4	518	< 1	< 2	4.88	< 0.3	18	36	295	5.03	19	1.68	1.80	20	977	< 1	2.59	14	0.075	6
1128590 Orig		0.3	8.24	5	540	< 1	< 2	4.76	< 0.3	18	48	83	5.22	19	1.65	1.96	18	970	< 1	2.39	14	0.079	5

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
1128590 Dup		< 0.3	8.48	3	540	< 1	< 2	4.77	< 0.3	18	43	71	5.23	20	1.66	1.96	18	968	< 1	2.38	17	0.076	5
1128594 Orig	< 5																						
1128594 Dup	< 5																						
1128596 Orig	45																						
1128596 Dup	49																						
1128600 Orig	9	0.4	8.08	5	565	< 1	< 2	4.46	< 0.3	17	26	310	4.97	19	1.54	1.63	16	917	< 1	2.63	11	0.071	7
1128600 Split PREP DUP	9	0.4	8.21	< 3	546	< 1	< 2	4.49	< 0.3	17	27	271	4.97	20	1.53	1.63	16	932	< 1	2.65	11	0.074	4
1128603 Orig	10																						
1128603 Dup	10																						
1128607 Orig	5	< 0.3	6.36	< 3	393	< 1	< 2	4.43	< 0.3	15	31	42	4.53	19	1.33	1.58	19	824	1	2.71	11	0.072	6
1128607 Split PREP DUP	< 5	< 0.3	8.20	< 3	394	< 1	< 2	4.54	< 0.3	15	27	43	4.63	19	1.41	1.66	19	824	< 1	2.75	11	0.078	4
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		1.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	5	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	3	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	3	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	4	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	9	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	4	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	10	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	8	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	2	< 0.001	< 3

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Oreas 72a (4 Acid) Meas		1.68											
Oreas 72a (4 Acid) Cert		1.74											
Oreas 72a (4 Acid) Meas		1.68											
Oreas 72a (4 Acid) Cert		1.74											
Oreas 72a (4 Acid) Meas		1.58											
Oreas 72a (4 Acid) Cert		1.74											
OREAS 98 (4 Acid) Meas	< 5	16.4										1330	
OREAS 98 (4 Acid) Cert	20.1	15.5										1360	
OREAS 98 (4 Acid) Meas	6	15.1										1330	
OREAS 98 (4 Acid) Cert	20.1	15.5										1360	
OREAS 98 (4 Acid) Meas	< 5	15.7										1350	
OREAS 98 (4 Acid) Cert	20.1	15.5										1360	
OREAS 904 (4 Acid) Meas	< 5	0.06	12	31			< 5	< 10	63	< 5	35	28	11
OREAS 904 (4 Acid) Cert	1.48	0.0630	11.2	27.2			0.520	8.43	76.0	2.12	31.5	26.3	171
OREAS 904 (4 Acid) Meas	< 5	0.07	12	32			< 5	< 10	87	< 5	35	30	86
OREAS 904 (4 Acid) Cert	1.48	0.0630	11.2	27.2			0.520	8.43	76.0	2.12	31.5	26.3	171
SBC-1 Meas	< 5		19	185		0.53	< 5	< 10	228	5	29	189	110
SBC-1 Cert	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0
SBC-1 Meas	9		19	182		0.47	< 5	< 10	211	5	32	195	110
SBC-1 Cert	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0
OREAS 96 (4 Acid) Meas	< 5	4.39										460	
OREAS 96 (4 Acid) Cert	5.09	4.19										457	
OREAS 96 (4 Acid) Meas	6	4.29										466	
OREAS 96 (4 Acid) Cert	5.09	4.19										457	
OREAS 96 (4 Acid) Meas	< 5	4.21										461	
OREAS 96 (4 Acid) Cert	5.09	4.19										457	
OREAS 923 (4 Acid) Meas	< 5	0.74	13	47		0.45	< 5	< 10	104	11	27	361	131
OREAS 923 (4 Acid) Cert	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116
OREAS 923 (4 Acid) Meas	7	0.71	13	45		0.44	< 5	< 10	97	12	27	367	134
OREAS 923 (4 Acid) Cert	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116
OREAS 621 (4 Acid) Meas	24	4.67	7	75		0.20	< 5	< 10	36	6	13	> 10000	170

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
OREAS 621 (4 Acid) Cert	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168
OREAS 621 (4 Acid) Meas	26	4.61	7	78		0.20	< 5	< 10	36	< 5	13	> 10000	178
OREAS 621 (4 Acid) Cert	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168
OREAS 621 (4 Acid) Meas	21	4.60	7	73		0.19	< 5	< 10	34	< 5	13	> 10000	175
OREAS 621 (4 Acid) Cert	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168
Oreas 237 (Fire Assay) Meas													
Oreas 237 (Fire Assay) Cert													
Oreas 237 (Fire Assay) Meas													
Oreas 237 (Fire Assay) Cert													
Oreas E1336 (Fire Assay) Meas													
Oreas E1336 (Fire Assay) Cert													
Oreas E1336 (Fire Assay) Meas													
Oreas E1336 (Fire Assay) Cert													
OREAS 681 (4 Acid) Meas	< 5	0.10	26	474		0.40		< 10	211	< 5	17	85	53
OREAS 681 (4 Acid) Cert	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0
OREAS 681 (4 Acid) Meas	< 5	0.10	26	458		0.48		< 10	228	< 5	17	85	55
OREAS 681 (4 Acid) Cert	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0
OREAS 681 (4 Acid) Meas	< 5	0.10	26	444		0.40		< 10	195	< 5	16	81	49
OREAS 681 (4 Acid) Cert	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0
OREAS 247 (4 Acid) Meas	303	0.72	12	102		0.39	< 5	< 10	72	< 5	18	90	125
OREAS 247 (4 Acid) Cert	3300	0.714	11.4	96.0		0.390	0.800	2.53	82.0	7.88	13.1	86.0	125
OREAS 247 (4 Acid) Meas	400	0.73	12	103		0.39	< 5	< 10	69	< 5	18	90	135
OREAS 247 (4 Acid) Cert	3300	0.714	11.4	96.0		0.390	0.800	2.53	82.0	7.88	13.1	86.0	125
1128551 Orig	< 5	0.07	13	776	< 2	0.30	< 5	< 10	126	< 5	14	73	78
1128551 Dup	< 5	0.07	13	773	7	0.30	< 5	< 10	127	< 5	13	74	80
1128559 Orig													
1128559 Dup													
1128569 Orig													
1128569 Dup													
1128573 Orig													
1128573 Dup													
1128576 Orig	< 5	0.17	17	781	8	0.22	< 5	< 10	124	< 5	15	74	49
1128576 Dup	< 5	0.17	17	773	7	0.29	< 5	< 10	141	< 5	15	74	56
1128590 Orig	< 5	0.16	17	745	3	0.36	< 5	< 10	164	< 5	15	72	69

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
1128590 Dup	< 5	0.17	18	745	5	0.22	< 5	< 10	125	< 5	16	71	55
1128594 Orig													
1128594 Dup													
1128596 Orig													
1128596 Dup													
1128600 Orig	< 5	0.10	15	720	10	0.19	< 5	< 10	100	< 5	15	74	60
1128600 Split PREP DUP	< 5	0.10	16	752	7	0.30	< 5	< 10	140	< 5	16	73	76
1128603 Orig													
1128603 Dup													
1128607 Orig	< 5	< 0.01	10	788	< 2	0.32	< 5	< 10	143	< 5	10	48	40
1128607 Split PREP DUP	< 5	0.02	15	816	< 2	0.30	< 5	< 10	132	< 5	14	50	42
Method Blank													
Method Blank													
Method Blank													
Method Blank													
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5



Report No.: A21-16945
Report Date: 14-Oct-21
Date Submitted: 08-Sep-21
Your Reference:

Strike Copper Corp.
82 Richmond Street East
Toronto ON M5C 1P1
Canada

ATTN: Charles Elbourne

CERTIFICATE OF ANALYSIS

31 Rock samples were submitted for analysis.

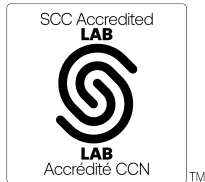
Table with 3 columns: Analytical package, Description, and Testing Date. Rows include 1A2-Tbay (QOP AA-Au), 1F2-Tbay (QOP Total), and their respective testing dates.

REPORT A21-16945

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.



LabID: 673

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Results

Activation Laboratories Ltd.

Report: A21-16945

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
912016	10	0.6	7.33	5	138	< 1	< 2	2.13	< 0.3	10	32	43	5.07	16	1.37	1.19	19	896	1	1.42	13	0.036	< 3
912017	< 5	0.6	7.98	6	226	1	< 2	2.98	< 0.3	14	30	172	5.68	18	1.47	1.24	18	1120	15	1.52	28	0.047	< 3
912018	7	0.3	7.40	4	93	< 1	< 2	4.15	< 0.3	31	81	165	6.16	16	0.74	1.09	20	1690	12	1.01	46	0.049	< 3
912019	12	1.1	5.98	< 3	84	1	< 2	1.85	< 0.3	2	4	42	5.86	20	0.80	1.84	20	1370	6	1.00	9	0.010	< 3
912020	13	0.9	5.34	3	80	1	7	1.13	< 0.3	7	13	82	4.91	16	0.73	1.31	19	1460	3	1.90	18	0.008	< 3
912021	11	0.3	7.32	5	175	< 1	< 2	2.28	< 0.3	29	112	187	6.49	17	1.24	2.73	27	614	20	2.72	87	0.071	< 3
912022	26	1.3	4.85	< 3	97	< 1	5	1.35	< 0.3	7	10	260	8.83	17	1.91	1.48	16	874	9	1.26	13	0.018	< 3
912023	< 5	< 0.3	6.29	5	698	< 1	< 2	9.13	< 0.3	34	132	61	5.89	11	1.12	3.86	5	2150	2	0.68	127	0.047	< 3
912024	6	0.4	8.39	5	62	< 1	< 2	4.66	< 0.3	46	201	120	5.00	20	0.88	1.12	14	1160	< 1	3.28	125	0.067	< 3
912025	53	0.8	5.27	< 3	222	1	3	1.84	< 0.3	4	12	24	12.7	17	1.82	1.81	22	7410	< 1	0.98	31	0.011	3
912026	< 5	< 0.3	7.43	< 3	132	< 1	< 2	5.31	< 0.3	40	107	51	7.78	17	1.07	4.10	17	1640	< 1	2.51	84	0.047	< 3
912027	< 5	< 0.3	8.55	4	110	< 1	6	6.25	< 0.3	27	97	58	5.33	16	0.60	2.36	8	1420	< 1	3.48	73	0.066	< 3
912028	< 5	< 0.3	8.49	< 3	129	< 1	< 2	3.99	< 0.3	34	105	78	6.68	17	0.97	3.66	24	1200	< 1	2.74	82	0.054	< 3
912029	5	< 0.3	7.57	< 3	58	< 1	< 2	5.36	< 0.3	36	69	62	7.33	15	0.42	3.82	22	1410	< 1	1.91	63	0.030	< 3
912030	9	< 0.3	0.88	< 3	15	< 1	< 2	1.20	< 0.3	8	36	58	1.29	6	0.08	0.49	4	273	2	0.14	18	0.098	< 3
1128682	6	0.3	8.55	4	123	< 1	< 2	7.12	< 0.3	32	195	114	5.77	17	0.78	2.82	17	1200	< 1	1.59	102	0.047	< 3
1128683	< 5	0.3	7.62	< 3	199	< 1	4	2.28	< 0.3	16	37	78	4.80	16	0.97	1.60	16	814	< 1	3.24	32	0.063	< 3
1128684	< 5	0.3	6.13	< 3	92	< 1	4	3.99	< 0.3	17	343	69	3.18	19	0.48	1.37	16	880	2	3.25	104	0.070	< 3
1128685	< 5	< 0.3	8.55	5	166	< 1	< 2	5.43	< 0.3	41	97	105	4.20	18	0.99	1.63	15	973	2	1.93	109	0.059	< 3
1128686	8	1.2	6.17	< 3	200	1	< 2	0.95	< 0.3	2	6	39	3.05	21	2.06	1.10	18	694	18	0.73	7	0.009	< 3
1128687	5	< 0.3	8.86	7	203	< 1	< 2	4.62	< 0.3	11	71	72	2.96	21	1.83	0.95	11	621	< 1	1.65	63	0.053	< 3
1128688	37	1.2	3.62	< 3	299	< 1	< 2	0.37	< 0.3	9	16	1520	1.70	12	1.21	0.73	9	177	183	1.37	16	0.007	< 3
1128689	< 5	< 0.3	9.64	4	123	< 1	< 2	3.91	< 0.3	67	164	86	4.53	21	1.77	1.11	17	1160	< 1	2.59	168	0.058	< 3
1128690	< 5	0.8	5.45	< 3	254	1	3	3.14	< 0.3	3	15	67	6.74	17	1.59	0.77	15	2040	11	1.05	6	0.014	< 3
1128691	16	1.0	6.82	4	296	1	< 2	2.22	< 0.3	5	18	18	5.22	22	2.81	1.21	18	1260	2	0.69	10	0.039	< 3
1128692	295	1.3	5.60	4	206	1	< 2	2.31	< 0.3	3	14	53	11.9	17	1.30	1.69	17	5270	1	1.30	16	0.025	5
1128693	< 5	< 0.3	8.17	< 3	135	< 1	< 2	5.65	< 0.3	30	98	58	5.17	16	0.78	2.77	9	1270	< 1	3.64	77	0.081	< 3
1128694	< 5	< 0.3	7.74	< 3	97	< 1	3	3.72	< 0.3	31	101	137	5.42	15	0.63	3.43	17	972	< 1	3.22	74	0.060	< 3
1128695	< 5	< 0.3	6.02	< 3	295	< 1	< 2	4.42	< 0.3	25	116	46	4.76	13	0.55	2.56	8	845	< 1	2.86	67	0.067	< 3
1128696	44	1.8	5.92	< 3	515	1	< 2	0.60	< 0.3	< 1	10	16	2.61	19	2.78	0.66	16	534	1	0.30	< 1	0.010	4
1128697	9	< 0.3	7.80	4	48	< 1	< 2	7.48	< 0.3	45	233	45	7.43	16	0.41	3.40	21	1350	< 1	1.50	125	0.021	< 3

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
912016	< 5	1.26	12	131	< 2	0.30	< 5	< 10	69	< 5	21	48	179
912017	< 5	0.86	11	144	3	0.33	< 5	< 10	67	< 5	23	45	181
912018	< 5	0.95	19	176	< 2	0.34	< 5	< 10	120	7	14	112	86
912019	< 5	0.31	5	149	< 2	0.14	< 5	< 10	8	< 5	46	151	340
912020	< 5	0.85	5	93	< 2	0.10	< 5	< 10	12	< 5	41	76	292
912021	< 5	0.19	18	132	2	0.40	< 5	< 10	129	< 5	16	34	115
912022	< 5	2.34	5	76	< 2	0.14	< 5	< 10	11	< 5	31	49	252
912023	< 5	0.34	17	190	4	0.39	< 5	< 10	134	13	14	58	61
912024	< 5	0.31	27	197	5	0.27	< 5	< 10	129	< 5	22	73	60
912025	6	0.42	8	155	< 2	0.13	< 5	< 10	21	5	43	123	272
912026	< 5	0.21	22	138	< 2	0.26	< 5	< 10	114	< 5	18	102	42
912027	< 5	0.17	24	164	< 2	0.14	< 5	< 10	90	< 5	17	68	33
912028	< 5	0.08	26	160	4	0.26	< 5	< 10	98	< 5	15	79	41
912029	< 5	0.03	43	135	< 2	0.39	< 5	< 10	271	< 5	17	68	39
912030	< 5	0.11	5	19	5	0.06	< 5	< 10	41	< 5	9	10	< 5
1128682	< 5	0.14	27	210	< 2	0.42	< 5	< 10	174	< 5	15	58	57
1128683	< 5	0.10	19	151	9	0.13	< 5	< 10	78	< 5	25	38	91
1128684	< 5	0.06	14	182	3	0.48	< 5	< 10	171	< 5	10	67	120
1128685	< 5	0.03	19	227	4	0.31	< 5	< 10	121	< 5	19	57	108
1128686	< 5	0.12	5	90	6	0.15	< 5	< 10	5	< 5	41	71	353
1128687	< 5	0.07	20	163	< 2	0.11	< 5	< 10	66	< 5	17	34	85
1128688	< 5	0.14	< 4	73	< 2	0.09	< 5	< 10	13	< 5	22	14	193
1128689	< 5	0.12	30	154	< 2	0.14	< 5	< 10	81	< 5	21	75	52
1128690	< 5	0.23	5	166	< 2	0.14	< 5	< 10	11	< 5	42	63	257
1128691	< 5	0.32	9	125	9	0.28	< 5	< 10	24	< 5	46	91	291
1128692	8	0.54	5	201	< 2	0.19	< 5	< 10	51	9	37	78	186
1128693	< 5	0.09	24	177	15	0.53	< 5	< 10	185	< 5	18	64	66
1128694	< 5	0.10	23	132	6	0.26	< 5	< 10	112	< 5	16	70	43
1128695	< 5	0.16	16	164	7	0.44	< 5	< 10	145	< 5	13	48	55
1128696	< 5	0.40	5	45	9	0.13	< 5	< 10	7	< 5	33	80	369
1128697	< 5	0.19	37	286	7	0.30	< 5	10	222	< 5	14	75	32

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Oreas 72a (4 Acid) Meas				6						151	182	312	9.63									6420	
Oreas 72a (4 Acid) Cert				14.7						157	228	316	9.63									6930.000	
OREAS 98 (4 Acid) Meas		43.0					27			122		> 10000											326
OREAS 98 (4 Acid) Cert		45.1					97.2			121		14800.0											345
OREAS 904 (4 Acid) Meas		0.7	6.69	85	203	9	4	0.05		97	56	6420	7.18	19	2.58	0.60	17	480	3	0.04	47	0.103	15
OREAS 904 (4 Acid) Cert		0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7	3.31	0.556	16.7	410	2.12	0.0340	40.1	0.0980	10.6
OREAS 904 (4 Acid) Meas		0.7	6.53	78	201	9	< 2	0.05		96	57	6170	7.00	18	2.96	0.59	17	439	2	0.04	46	0.099	14
OREAS 904 (4 Acid) Cert		0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7	3.31	0.556	16.7	410	2.12	0.0340	40.1	0.0980	10.6
SBC-1 Meas				41	738	3	< 2		< 0.3	24	89	30		29			160		2		88		31
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0			163		2		83		35.0
SBC-1 Meas				27	745	3	< 2		0.4	23	98	30		28			160		2		85		29
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0			163		2		83		35.0
OREAS 96 (4 Acid) Meas		11.5					7			52		> 10000											97
OREAS 96 (4 Acid) Cert		11.5					26.3			49.9		39300											101
OREAS 923 (4 Acid) Meas		1.9	7.59	8	431	2	22	0.51	< 0.3	25	77	4510	6.83	21	2.61	1.80	33	1040	< 1	0.33	41	0.068	90
OREAS 923 (4 Acid) Cert		1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3	2.51	1.69	31.4	950	0.930	0.324	35.8	0.0630	83.0
OREAS 923 (4 Acid) Meas		2.1	7.58	9	429	2	12	0.50	< 0.3	24	80	4560	6.77	21	2.62	1.80	33	1050	< 1	0.33	39	0.067	88
OREAS 923 (4 Acid) Cert		1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3	2.51	1.69	31.4	950	0.930	0.324	35.8	0.0630	83.0
OREAS 621 (4 Acid) Meas		68.3	6.47	63		2	3	2.10	272	31	36	3700	3.80	25	1.59	0.52	14	540	14	1.36	26	0.038	> 5000
OREAS 621 (4 Acid) Cert		69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6	2.20	0.507	14.2	532	13.6	1.31	26.2	0.0359	13600
Oreas 237 (Fire Assay) Meas	2270																						
Oreas 237 (Fire Assay) Cert	2210																						
Oreas E1336 (Fire Assay) Meas	524																						
Oreas E1336 (Fire Assay) Cert	510																						
OREAS 681 (4 Acid) Meas		< 0.3	7.56		380	1	< 2	5.73		48	1650	259	7.39	15	1.31	4.94	12	1270	< 1	1.55	461	0.129	5
OREAS 681 (4 Acid) Cert		0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6	1.35	5.19	13.0	1310	1.38	1.61	503	0.141	10.2
OREAS 681 (4 Acid) Meas		< 0.3	7.77		388	1	< 2	5.68		48	1820	257	7.57	14	1.37	5.01	13	1280	< 1	1.61	458	0.140	5
OREAS 681 (4 Acid) Cert		0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6	1.35	5.19	13.0	1310	1.38	1.61	503	0.141	10.2
OREAS 247 (4 Acid) Meas		2.6	6.17	2750	508	2	< 2	0.89	< 0.3	15	96	43	3.36	15	2.15	1.26	33	383	< 1	0.47	47	0.044	32
OREAS 247 (4 Acid) Cert		2.16	6.08	3510	550	2.23	0.580	0.826	0.0650	12.0	97.0	42.2	3.32	16.3	2.45	1.22	31.8	360	1.76	0.499	45.9	0.0480	31.9
OREAS 247 (4 Acid) Meas		2.5	6.25	2750	458	2	< 2	0.88	< 0.3	13	99	42	3.41	15	1.80	1.27	33	386	< 1	0.49	47	0.042	31

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
OREAS 247 (4 Acid) Cert		2.16	6.08	3510	550	2.23	0.580	0.826	0.0650	12.0	97.0	42.2	3.32	16.3	2.45	1.22	31.8	360	1.76	0.499	45.9	0.0480	31.9
912024 Orig	6																						
912024 Dup	5																						
912029 Orig		< 0.3	7.45	4	57	< 1	< 2	5.28	< 0.3	35	69	61	7.20	16	0.42	3.75	21	1380	< 1	1.88	61	0.029	< 3
912029 Dup		0.3	7.70	< 3	59	< 1	< 2	5.43	< 0.3	36	69	63	7.46	13	0.43	3.88	22	1430	< 1	1.94	64	0.030	< 3
1128685 Orig	< 5																						
1128685 Dup	< 5																						
1128689 Orig	< 5																						
1128689 Dup	< 5																						
1128697 Orig	9	< 0.3	7.80	4	48	< 1	< 2	7.48	< 0.3	45	233	45	7.43	16	0.41	3.40	21	1350	< 1	1.50	125	0.021	< 3
1128697 Split PREP DUP	15	< 0.3	7.93	4	48	< 1	< 2	7.58	< 0.3	46	233	33	7.46	17	0.41	3.43	21	1350	< 1	1.51	123	0.022	< 3
Method Blank	< 5																						
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	2	< 0.01	< 0.3	< 1	5	15	< 0.01	< 1	0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	0.01	4	< 7	< 1	< 2	< 0.01	< 0.3	1	7	4	0.06	< 1	0.02	< 0.01	< 1		< 1	< 0.01	51	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	4	< 1	< 0.01	< 1	0.02	< 0.01	< 1	10	< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	2	< 0.01	< 0.3	< 1	5	1	< 0.01	< 1	0.02	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	5	< 1	< 0.01	< 1	0.02	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	2	< 1	< 0.01	< 1	0.02	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Oreas 72a (4 Acid) Meas		1.67											
Oreas 72a (4 Acid) Cert		1.74											
OREAS 98 (4 Acid) Meas	< 5	16.0										1270	
OREAS 98 (4 Acid) Cert	20.1	15.5										1360	
OREAS 904 (4 Acid) Meas	< 5	0.07	12	31			< 5	< 10	78	< 5	36	27	102
OREAS 904 (4 Acid) Cert	1.48	0.0630	11.2	27.2			0.520	8.43	76.0	2.12	31.5	26.3	171
OREAS 904 (4 Acid) Meas	< 5	0.06	12	30			< 5	< 10	67	< 5	36	28	56
OREAS 904 (4 Acid) Cert	1.48	0.0630	11.2	27.2			0.520	8.43	76.0	2.12	31.5	26.3	171
SBC-1 Meas	< 5		19	190		0.54	< 5	< 10	234	< 5	29	204	109
SBC-1 Cert	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0
SBC-1 Meas	< 5		18	184		0.53	< 5	< 10	229	< 5	28	205	107
SBC-1 Cert	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0
OREAS 96 (4 Acid) Meas	6	4.39										441	
OREAS 96 (4 Acid) Cert	5.09	4.19										457	
OREAS 923 (4 Acid) Meas	< 5	0.74	13	46		0.45	< 5	< 10	101	7	28	372	127
OREAS 923 (4 Acid) Cert	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116
OREAS 923 (4 Acid) Meas	< 5	0.74	13	46		0.45	< 5	< 10	100	9	26	365	127
OREAS 923 (4 Acid) Cert	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116
OREAS 621 (4 Acid) Meas	13	4.49	6	77		0.20	< 5	< 10	36	< 5	12	> 10000	167
OREAS 621 (4 Acid) Cert	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168
Oreas 237 (Fire Assay) Meas													
Oreas 237 (Fire Assay) Cert													
Oreas E1336 (Fire Assay) Meas													
Oreas E1336 (Fire Assay) Cert													
OREAS 681 (4 Acid) Meas	< 5	0.10	25	437		0.37		< 10	192	< 5	16	78	41
OREAS 681 (4 Acid) Cert	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0
OREAS 681 (4 Acid) Meas	< 5	0.11	26	446		0.59		< 10	250	< 5	16	79	58
OREAS 681 (4 Acid) Cert	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0
OREAS 247 (4 Acid) Meas	307	0.70	12	100		0.35	< 5	< 10	72	< 5	17	84	134
OREAS 247 (4 Acid) Cert	3300	0.714	11.4	96.0		0.390	0.800	2.53	82.0	7.88	13.1	86.0	125
OREAS 247 (4 Acid) Meas	276	0.70	12	101		0.36	< 5	< 10	75	< 5	18	83	133

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
OREAS 247 (4 Acid) Cert	3300	0.714	11.4	96.0		0.390	0.800	2.53	82.0	7.88	13.1	86.0	125
912024 Orig													
912024 Dup													
912029 Orig	< 5	0.03	42	133	< 2	0.37	< 5	< 10	263	< 5	17	67	39
912029 Dup	< 5	0.04	43	138	7	0.40	< 5	< 10	279	< 5	17	69	40
1128685 Orig													
1128685 Dup													
1128689 Orig													
1128689 Dup													
1128697 Orig	< 5	0.19	37	286	7	0.30	< 5	10	222	< 5	14	75	32
1128697 Split PREP DUP	< 5	0.21	37	292	< 2	0.30	< 5	< 10	226	< 5	14	73	33
Method Blank													
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	0.04	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	4	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5



Tashota Resources Inc
82 Richmond St East
Toronto On m5c1p1
Canada

Report No.: A21-16996
Report Date: 22-Oct-21
Date Submitted: 09-Sep-21
Your Reference: Echo Ridge

ATTN: Colin Bowdidge

CERTIFICATE OF ANALYSIS

64 Rock samples were submitted for analysis.

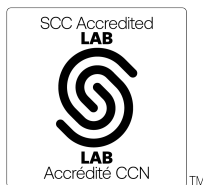
The following analytical package(s) were requested:		Testing Date:
1A2-Tbay	QOP AA-Au (Au - Fire Assay AA)	2021-09-21 07:46:52
1F2-Tbay	QOP Total (Total Digestion ICPOES)	2021-09-23 11:40:43

REPORT A21-16996

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Notes:

- If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
- Values which exceed the upper limit should be assayed for accurate numbers.
- We recommend reanalysis by fire assay Au, Pt, Pd Code 8 if values exceed upper limit.



LabID: 673

ACTIVATION LABORATORIES LTD.
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CERTIFIED BY:

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Report No.: A21-16996
Report Date: 22-Oct-21
Date Submitted: 09-Sep-21
Your Reference: Echo Ridge

Tashota Resources Inc
82 Richmond St East
Toronto On m5c1p1
Canada

ATTN: Colin Bowdidge

CERTIFICATE OF ANALYSIS

64 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-Exp	QOP PGE ICP-MS (Fire Assay-ICPMS)	2021-10-05 09:43:35

REPORT A21-16996

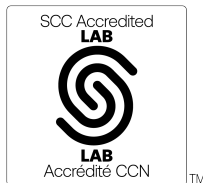
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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.

We recommend reanalysis by fire assay Au, Pt, Pd Code 8 if values exceed upper limit.



LabID: 266

ACTIVATION LABORATORIES LTD.
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CERTIFIED BY:

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Pd	Pt	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na	
Unit Symbol	ppb	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%	
Lower Limit	5	1	1	2	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01	
Method Code	FA-AA	FA-MS	FA-MS	FA-MS	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	
B904362	8				< 0.3	6.66	< 3	405	< 1	< 2	5.72	< 0.3	21	48	50	4.93	17	1.75	2.00	18	955	< 1	3.34	
B904363	7				< 0.3	7.65	< 3	462	< 1	< 2	4.78	< 0.3	21	51	66	5.33	19	1.78	2.24	27	963	< 1	3.02	
B904364	8				< 0.3	8.25	9	419	< 1	< 2	4.49	< 0.3	23	56	98	5.59	19	1.48	2.44	30	983	< 1	2.53	
B904365	21				< 0.3	7.65	17	509	< 1	< 2	4.46	< 0.3	26	57	147	5.97	19	1.54	2.32	29	957	< 1	2.15	
B904366	6				< 0.3	8.35	< 3	442	< 1	< 2	4.69	< 0.3	21	50	68	5.39	20	1.40	2.20	28	976	< 1	2.31	
B904367	7				< 0.3	8.12	7	582	< 1	< 2	4.27	< 0.3	21	34	154	5.61	19	1.71	2.11	27	918	< 1	2.14	
B904368	6				< 0.3	8.31	< 3	612	< 1	< 2	4.01	< 0.3	18	23	143	4.85	20	1.75	1.77	23	830	< 1	2.51	
B904369	6				< 0.3	8.00	4	488	< 1	< 2	3.75	< 0.3	19	51	100	4.88	20	1.38	1.82	23	855	< 1	2.63	
B904370	7				< 0.3	7.77	9	457	< 1	< 2	3.74	< 0.3	18	42	88	4.60	18	1.51	1.78	23	828	< 1	2.67	
B904371	7				< 0.3	8.33	14	480	< 1	< 2	4.19	< 0.3	18	35	117	5.09	20	1.86	1.88	24	886	< 1	2.49	
B904372			3	< 3	232	29.9	7.27	37	178	< 1	15	1.62	5.2	58	20	> 10000	8.94	20	3.20	1.64	25	531	2	1.37
B904373	58				3.4	7.49	14	255	< 1	3	2.88	0.6	26	32	2640	5.27	19	3.26	1.70	24	704	1	1.61	
B904374	57				1.9	7.84	33	307	< 1	< 2	2.77	0.6	33	22	1450	5.99	20	1.86	1.84	29	736	< 1	1.49	

Analyte Symbol	Ni	P	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Au	Ag	Cu
Unit Symbol	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne	ppm	%
Lower Limit	1	0.001	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	0.03	3	0.001
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FA- GRA	4Acid ICPOE S	4Acid ICPOE S
B904360	16	0.061	< 3	< 5	0.29	9	581	< 2	0.34	< 5	< 10	155	< 5	9	59	56			
B904361	18	0.063	< 3	< 5	0.36	17	576	5	0.34	< 5	< 10	144	< 5	15	59	53			
B904362	17	0.053	< 3	< 5	1.14	17	521	< 2	0.32	< 5	< 10	151	< 5	13	58	43			
B904363	20	0.063	< 3	< 5	0.49	18	613	< 2	0.35	< 5	< 10	168	< 5	14	64	37			
B904364	26	0.069	12	< 5	0.54	20	532	10	0.37	< 5	< 10	176	< 5	15	62	35			
B904365	24	0.065	6	< 5	1.20	18	512	< 2	0.35	< 5	< 10	169	< 5	14	63	36			
B904366	21	0.067	4	< 5	0.32	18	608	3	0.34	< 5	< 10	156	< 5	16	68	40			
B904367	14	0.075	< 3	< 5	0.65	20	534	< 2	0.41	< 5	< 10	170	< 5	17	65	56			
B904368	12	0.068	5	< 5	0.33	17	559	3	0.31	< 5	< 10	119	< 5	17	74	57			
B904369	24	0.067	4	< 5	0.31	17	553	6	0.33	< 5	< 10	134	< 5	16	74	61			
B904370	17	0.062	7	< 5	0.32	16	542	4	0.24	< 5	< 10	94	< 5	15	75	50			
B904371	19	0.071	< 3	< 5	0.20	18	644	< 2	0.25	< 5	< 10	113	< 5	16	77	49			
B904372	26	0.072	9	< 5	4.71	16	279	14	0.35	< 5	< 10	148	66	13	526	54			2.15
B904373	14	0.070	4	< 5	1.44	16	235	< 2	0.37	< 5	< 10	140	13	15	121	61			
B904374	18	0.076	< 3	< 5	1.60	17	383	9	0.38	< 5	< 10	164	207	17	100	62			

Analyte Symbol	Au	Pd	Pt	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na
Unit Symbol	ppb	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%
Lower Limit	5	1	1	2	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01
Method Code	FA-AA	FA-MS	FA-MS	FA-MS	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Oreas 72a (4 Acid) Meas							6						151	182	312	9.63							
Oreas 72a (4 Acid) Cert							14.7						157	228	316	9.63							
Oreas 72a (4 Acid) Meas							5						147	220	321	9.39							
Oreas 72a (4 Acid) Cert							14.7						157	228	316	9.63							
Oreas 72a (4 Acid) Meas							26						146	176	316	9.69							
Oreas 72a (4 Acid) Cert							14.7						157	228	316	9.63							
Oreas 72a (4 Acid) Meas							< 3						146	174	315	9.36							
Oreas 72a (4 Acid) Cert							14.7						157	228	316	9.63							
Oreas 72a (4 Acid) Meas							< 3						144	213	313	9.32							
Oreas 72a (4 Acid) Cert							14.7						157	228	316	9.63							
Oreas 72a (4 Acid) Meas							< 3						145	188	309	9.42							
Oreas 72a (4 Acid) Cert							14.7						157	228	316	9.63							
Oreas 72a (4 Acid) Meas							< 3						138	185	286	8.71							
Oreas 72a (4 Acid) Cert							14.7						157	228	316	9.63							
Oreas 72a (4 Acid) Meas							< 3						141	165	307	9.18							
Oreas 72a (4 Acid) Cert							14.7						157	228	316	9.63							
Oreas 72a (4 Acid) Meas							4						149	167	307	9.41							
Oreas 72a (4 Acid) Cert							14.7						157	228	316	9.63							
MP-1b Meas																							
MP-1b Cert																							
OREAS 98 (4 Acid) Meas					43.0					27			122		> 10000								
OREAS 98 (4 Acid) Cert					45.1					97.2			121		14800 0.0								
OREAS 98 (4 Acid) Meas					41.2					18			117		> 10000								
OREAS 98 (4 Acid) Cert					45.1					97.2			121		14800 0.0								
OREAS 98 (4 Acid) Meas					41.4					< 2			117		> 10000								
OREAS 98 (4 Acid) Cert					45.1					97.2			121		14800 0.0								
OREAS 98 (4 Acid) Meas					42.8					97			116		> 10000								
OREAS 98 (4 Acid) Cert					45.1					97.2			121		14800 0.0								
OREAS 98 (4 Acid) Meas					42.0					69			119		> 10000								
OREAS 98 (4 Acid) Cert					45.1					97.2			121		14800 0.0								

Analyte Symbol	Au	Pd	Pt	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na	
Unit Symbol	ppb	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%	
Lower Limit	5	1	1	2	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01	
Method Code	FA-AA	FA-MS	FA-MS	FA-MS	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	
OREAS 98 (4 Acid) Meas					43.3					74			122		> 10000									
OREAS 98 (4 Acid) Cert					45.1					97.2			121		14800 0.0									
OREAS 98 (4 Acid) Meas					39.7					57			115		> 10000									
OREAS 98 (4 Acid) Cert					45.1					97.2			121		14800 0.0									
OREAS 98 (4 Acid) Meas					39.3					28			112		> 10000									
OREAS 98 (4 Acid) Cert					45.1					97.2			121		14800 0.0									
OREAS 98 (4 Acid) Meas					44.5					48			126		> 10000									
OREAS 98 (4 Acid) Cert					45.1					97.2			121		14800 0.0									
CPB-2 Meas																								
CPB-2 Cert																								
CZN-4 Meas																								
CZN-4 Cert																								
OREAS 904 (4 Acid) Meas					0.7	6.69	85	203	9	4	0.05		97	56	6420	7.18	19	2.58	0.60	17	480	3	0.04	
OREAS 904 (4 Acid) Cert					0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7	3.31	0.556	16.7	410	2.12	0.0340	
OREAS 904 (4 Acid) Meas					0.7	6.53	78	201	9	< 2	0.05		96	57	6170	7.00	18	2.96	0.59	17	439	2	0.04	
OREAS 904 (4 Acid) Cert					0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7	3.31	0.556	16.7	410	2.12	0.0340	
OREAS 904 (4 Acid) Meas					0.8	6.66	104	200	9	< 2	0.05		98	57	6530	7.11	16	2.55	0.60	17	467	3	0.04	
OREAS 904 (4 Acid) Cert					0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7	3.31	0.556	16.7	410	2.12	0.0340	
OREAS 904 (4 Acid) Meas					0.8	6.43	86	204	9	19	0.05		94	61	6100	6.72	16	1.57	0.59	16	471	3	0.04	
OREAS 904 (4 Acid) Cert					0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7	3.31	0.556	16.7	410	2.12	0.0340	
OREAS 904 (4 Acid) Meas					0.9	6.58	98	210	9	9	0.05		96	62	6320	7.03	16	3.05	0.61	17	471	3	0.04	
OREAS 904 (4 Acid) Cert					0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7	3.31	0.556	16.7	410	2.12	0.0340	
OREAS 904 (4 Acid) Meas					0.4	6.69	76	196	9	7	0.05		98	57	6310	6.98	16	2.14	0.60	17	435	< 1	0.04	
OREAS 904 (4 Acid) Cert					0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7	3.31	0.556	16.7	410	2.12	0.0340	
OREAS 904 (4 Acid) Meas					0.5	6.77	88	204	9	3	0.05		97	60	6450	7.16	17	2.23	0.62	17	475	2	0.04	
OREAS 904 (4 Acid) Cert					0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7	3.31	0.556	16.7	410	2.12	0.0340	
OREAS 904 (4 Acid) Meas					0.9	6.27	89	204	9	< 2	0.05		95	56	5980	6.59	18	2.49	0.57	16	464	2	0.03	
OREAS 904 (4 Acid) Cert					0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7	3.31	0.556	16.7	410	2.12	0.0340	
OREAS 904 (4 Acid) Meas					0.7	6.46	88	210	9	< 2	0.05		96	57	6090	6.98	17	2.59	0.58	16	466	1	0.04	
OREAS 904 (4 Acid) Cert					0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7	3.31	0.556	16.7	410	2.12	0.0340	
SBC-1 Meas							41	738	3	< 2		< 0.3	24	89	30		29			160		2		
SBC-1 Cert							25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0			163		2		

Analyte Symbol	Au	Pd	Pt	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na
Unit Symbol	ppb	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%
Lower Limit	5	1	1	2	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01
Method Code	FA-AA	FA-MS	FA-MS	FA-MS	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
SBC-1 Meas							27	745	3	< 2		0.4	23	98	30		28			160			2
SBC-1 Cert							25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0			163			2
SBC-1 Meas							24	779	3	< 2		0.6	22	82	31		26			162			2
SBC-1 Cert							25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0			163			2
SBC-1 Meas							21	766	3	< 2		0.3	22	93	30		27			158			2
SBC-1 Cert							25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0			163			2
SBC-1 Meas							17	790	3	< 2		< 0.3	22	92	31		28			162			2
SBC-1 Cert							25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0			163			2
SBC-1 Meas							22	792	3	2		0.3	23	106	31		27			168			2
SBC-1 Cert							25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0			163			2
SBC-1 Meas							14	819	3	< 2		< 0.3	22	97	32		26			157			1
SBC-1 Cert							25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0			163			2
SBC-1 Meas							26	791	3	< 2		0.7	22	89	33		27			163			4
SBC-1 Cert							25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0			163			2
SBC-1 Meas							30	806	3	< 2		0.4	23	89	31		27			167			2
SBC-1 Cert							25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0			163			2
PTC-1b Meas																							
PTC-1b Cert																							
CCU-1e Meas																							
CCU-1e Cert																							
CDN-PGMS-27 Meas		1860	1180	4720																			
CDN-PGMS-27 Cert		2000	1290.00	4800																			
OREAS 96 (4 Acid) Meas					11.5					7			52		> 10000								
OREAS 96 (4 Acid) Cert					11.5					26.3			49.9		39300								
OREAS 96 (4 Acid) Meas					11.7					< 2			50		> 10000								
OREAS 96 (4 Acid) Cert					11.5					26.3			49.9		39300								
OREAS 96 (4 Acid) Meas					11.8					2			51		> 10000								
OREAS 96 (4 Acid) Cert					11.5					26.3			49.9		39300								
OREAS 96 (4 Acid) Meas					11.7					25			50		> 10000								
OREAS 96 (4 Acid) Cert					11.5					26.3			49.9		39300								
OREAS 96 (4 Acid) Meas					11.3					33			51		> 10000								
OREAS 96 (4 Acid) Cert					11.5					26.3			49.9		39300								
OREAS 96 (4 Acid) Meas					11.6					21			51		> 10000								
OREAS 96 (4 Acid) Cert					11.5					26.3			49.9		39300								
OREAS 96 (4 Acid) Meas					11.7					< 2			52		> 10000								
OREAS 96 (4 Acid) Cert					11.5					26.3			49.9		39300								
OREAS 96 (4 Acid) Meas					11.3					5			49		> 10000								
OREAS 96 (4 Acid) Cert					11.5					26.3			49.9		39300								

Analyte Symbol	Au	Pd	Pt	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na
Unit Symbol	ppb	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%
Lower Limit	5	1	1	2	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01
Method Code	FA-AA	FA-MS	FA-MS	FA-MS	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
OREAS 96 (4 Acid) Meas					12.2					< 2			53		> 10000								
OREAS 96 (4 Acid) Cert					11.5					26.3			49.9		39300								
OREAS 923 (4 Acid) Meas					1.9	7.59	8	431	2	22	0.51	< 0.3	25	77	4510	6.83	21	2.61	1.80	33	1040	< 1	0.33
OREAS 923 (4 Acid) Cert					1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3	2.51	1.69	31.4	950	0.930	0.324
OREAS 923 (4 Acid) Meas					2.1	7.58	9	429	2	12	0.50	< 0.3	24	80	4560	6.77	21	2.62	1.80	33	1050	< 1	0.33
OREAS 923 (4 Acid) Cert					1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3	2.51	1.69	31.4	950	0.930	0.324
OREAS 923 (4 Acid) Meas					1.9	7.40	4	444	2	12	0.49	0.5	25	84	4660	6.77	19	2.58	1.78	33	1020	< 1	0.33
OREAS 923 (4 Acid) Cert					1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3	2.51	1.69	31.4	950	0.930	0.324
OREAS 923 (4 Acid) Meas					1.7	7.39	5	433	2	18	0.52	< 0.3	23	77	4260	6.46	19	2.53	1.73	31	1010	< 1	0.32
OREAS 923 (4 Acid) Cert					1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3	2.51	1.69	31.4	950	0.930	0.324
OREAS 923 (4 Acid) Meas					1.9	7.67	4	444	2	19	0.52	0.4	24	75	4370	6.66	20	2.57	1.76	32	1010	< 1	0.33
OREAS 923 (4 Acid) Cert					1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3	2.51	1.69	31.4	950	0.930	0.324
OREAS 923 (4 Acid) Meas					2.0	7.59	3	436	2	19	0.50	< 0.3	23	84	4350	6.68	19	2.45	1.74	32	977	< 1	0.33
OREAS 923 (4 Acid) Cert					1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3	2.51	1.69	31.4	950	0.930	0.324
OREAS 923 (4 Acid) Meas					1.7	7.19	< 3	450	2	17	0.48	0.3	23	77	4190	6.26	19	2.12	1.70	30	965	< 1	0.31
OREAS 923 (4 Acid) Cert					1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3	2.51	1.69	31.4	950	0.930	0.324
OREAS 923 (4 Acid) Meas					2.0	7.51	8	448	2	12	0.50	0.5	26	78	4340	6.77	20	2.69	1.77	32	1050	< 1	0.34
OREAS 923 (4 Acid) Cert					1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3	2.51	1.69	31.4	950	0.930	0.324
OREAS 923 (4 Acid) Meas					3.8	7.67	< 3	457	2	20	0.51	0.6	25	78	4490	6.93	21	2.64	1.79	32	1060	1	0.35
OREAS 923 (4 Acid) Cert					1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3	2.51	1.69	31.4	950	0.930	0.324
OREAS 621 (4 Acid) Meas					68.3	6.47	63		2	3	2.10	272	31	36	3700	3.80	25	1.59	0.52	14	540	14	1.36
OREAS 621 (4 Acid) Cert					69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6	2.20	0.507	14.2	532	13.6	1.31
OREAS 621 (4 Acid) Meas					70.4	5.57	64		2	< 2	1.96	274	30	40	3690	3.68	24	1.57	0.48	14	555	13	1.29
OREAS 621 (4 Acid) Cert					69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6	2.20	0.507	14.2	532	13.6	1.31
OREAS 621 (4 Acid) Meas					73.9	6.72	70		2	< 2	2.10	284	32	42	3830	3.92	25	1.89	0.54	15	530	14	1.37
OREAS 621 (4 Acid) Cert					69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6	2.20	0.507	14.2	532	13.6	1.31
OREAS 621 (4 Acid) Meas					72.4	6.59	69		2	4	2.17	285	31	33	3650	3.71	25	2.21	0.53	14	514	14	1.24
OREAS 621 (4 Acid) Cert					69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6	2.20	0.507	14.2	532	13.6	1.31
OREAS 621 (4 Acid) Meas					70.4	6.68	66		2	4	2.08	282	31	35	3690	3.82	25	2.25	0.53	14	551	14	1.31

Analyte Symbol	Au	Pd	Pt	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na
Unit Symbol	ppb	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%
Lower Limit	5	1	1	2	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01
Method Code	FA-AA	FA-MS	FA-MS	FA-MS	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
OREAS 621 (4 Acid) Cert					69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6	2.20	0.507	14.2	532	13.6	1.31
OREAS 621 (4 Acid) Meas					70.6	6.91	67		2	4	2.12	289	32	37	3760	3.87	25	2.29	0.54	15	535	13	1.30
OREAS 621 (4 Acid) Cert					69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6	2.20	0.507	14.2	532	13.6	1.31
OREAS 621 (4 Acid) Meas					73.0	6.17	61		2	4	2.13	290	31	34	3840	3.86	26	2.12	0.53	15	547	13	1.40
OREAS 621 (4 Acid) Cert					69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6	2.20	0.507	14.2	532	13.6	1.31
OREAS 621 (4 Acid) Meas					69.7	6.40	56		2	3	1.98	273	29	35	3600	3.67	25	0.67	0.51	14	520	13	1.32
OREAS 621 (4 Acid) Cert					69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6	2.20	0.507	14.2	532	13.6	1.31
OREAS 621 (4 Acid) Meas					75.9	6.72	69		2	3	2.14	299	32	36	3860	3.92	25	1.65	0.53	15	526	14	1.38
OREAS 621 (4 Acid) Cert					69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6	2.20	0.507	14.2	532	13.6	1.31
OREAS 229b (Fire Assay) Meas																							
OREAS 229b (Fire Assay) Cert																							
Oreas 237 (Fire Assay) Meas	2180																						
Oreas 237 (Fire Assay) Cert	2210																						
Oreas 237 (Fire Assay) Meas	2230																						
Oreas 237 (Fire Assay) Cert	2210																						
Oreas E1336 (Fire Assay) Meas	506																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	503																						
Oreas E1336 (Fire Assay) Cert	510																						
OREAS 681 (4 Acid) Meas					< 0.3	7.56		380	1	< 2	5.73		48	1650	259	7.39	15	1.31	4.94	12	1270	< 1	1.55
OREAS 681 (4 Acid) Cert					0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6	1.35	5.19	13.0	1310	1.38	1.61
OREAS 681 (4 Acid) Meas					< 0.3	7.77		388	1	< 2	5.68		48	1820	257	7.57	14	1.37	5.01	13	1280	< 1	1.61
OREAS 681 (4 Acid) Cert					0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6	1.35	5.19	13.0	1310	1.38	1.61
OREAS 681 (4 Acid) Meas					< 0.3	7.62		398	1	< 2	5.61		48	1690	265	7.59	15	1.41	5.00	12	1290	< 1	1.50
OREAS 681 (4 Acid) Cert					0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6	1.35	5.19	13.0	1310	1.38	1.61
OREAS 681 (4 Acid) Meas					< 0.3	7.38		397	1	< 2	5.63		47	1430	252	7.36	17	1.31	5.02	13	1260	< 1	1.42
OREAS 681 (4 Acid) Cert					0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6	1.35	5.19	13.0	1310	1.38	1.61
OREAS 681 (4 Acid) Meas					< 0.3	7.81		407	1	< 2	5.63		46	1570	260	7.58	17	1.34	5.14	13	1250	< 1	1.48
OREAS 681 (4 Acid) Cert					0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6	1.35	5.19	13.0	1310	1.38	1.61

Analyte Symbol	Au	Pd	Pt	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na
Unit Symbol	ppb	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%
Lower Limit	5	1	1	2	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01
Method Code	FA-AA	FA-MS	FA-MS	FA-MS	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
OREAS 681 (4 Acid) Meas					< 0.3	7.81		404	1	< 2	5.57		50	1530	264	7.64	16	1.35	5.12	13	1270	< 1	1.50
OREAS 681 (4 Acid) Cert					0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6	1.35	5.19	13.0	1310	1.38	1.61
OREAS 681 (4 Acid) Meas					< 0.3	7.62		422	1	< 2	5.55		46	1610	250	7.38	17	1.36	5.00	13	1280	< 1	1.54
OREAS 681 (4 Acid) Cert					0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6	1.35	5.19	13.0	1310	1.38	1.61
OREAS 681 (4 Acid) Meas					0.5	7.54		401	1	< 2	5.67		52	1590	254	7.34	16	1.35	4.94	12	1310	1	1.55
OREAS 681 (4 Acid) Cert					0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6	1.35	5.19	13.0	1310	1.38	1.61
OREAS 681 (4 Acid) Meas					0.5	7.66		405	1	< 2	5.65		48	1680	260	7.47	15	1.36	5.01	13	1340	< 1	1.58
OREAS 681 (4 Acid) Cert					0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6	1.35	5.19	13.0	1310	1.38	1.61
OREAS 247 (4 Acid) Meas					2.6	6.17	2750	508	2	< 2	0.89	< 0.3	15	96	43	3.36	15	2.15	1.26	33	383	< 1	0.47
OREAS 247 (4 Acid) Cert					2.16	6.08	3510	550	2.23	0.580	0.826	0.0650	12.0	97.0	42.2	3.32	16.3	2.45	1.22	31.8	360	1.76	0.499
OREAS 247 (4 Acid) Meas					2.5	6.25	2750	458	2	< 2	0.88	< 0.3	13	99	42	3.41	15	1.80	1.27	33	386	< 1	0.49
OREAS 247 (4 Acid) Cert					2.16	6.08	3510	550	2.23	0.580	0.826	0.0650	12.0	97.0	42.2	3.32	16.3	2.45	1.22	31.8	360	1.76	0.499
OREAS 247 (4 Acid) Meas					2.9	6.39	3010	528	2	< 2	0.89	< 0.3	14	101	47	3.47	15	1.74	1.30	34	416	< 1	0.51
OREAS 247 (4 Acid) Cert					2.16	6.08	3510	550	2.23	0.580	0.826	0.0650	12.0	97.0	42.2	3.32	16.3	2.45	1.22	31.8	360	1.76	0.499
OREAS 247 (4 Acid) Meas					2.6	6.27	3200	558	2	< 2	0.90	< 0.3	14	89	41	3.32	17	2.50	1.28	31	393	< 1	0.48
OREAS 247 (4 Acid) Cert					2.16	6.08	3510	550	2.23	0.580	0.826	0.0650	12.0	97.0	42.2	3.32	16.3	2.45	1.22	31.8	360	1.76	0.499
OREAS 247 (4 Acid) Meas					2.7	6.38	3140	571	2	4	0.90	< 0.3	13	82	43	3.43	17	2.33	1.31	33	392	< 1	0.49
OREAS 247 (4 Acid) Cert					2.16	6.08	3510	550	2.23	0.580	0.826	0.0650	12.0	97.0	42.2	3.32	16.3	2.45	1.22	31.8	360	1.76	0.499
OREAS 247 (4 Acid) Meas					2.5	6.37	2980	539	2	3	0.87	< 0.3	14	113	42	3.35	16	1.90	1.28	32	386	< 1	0.49
OREAS 247 (4 Acid) Cert					2.16	6.08	3510	550	2.23	0.580	0.826	0.0650	12.0	97.0	42.2	3.32	16.3	2.45	1.22	31.8	360	1.76	0.499
OREAS 247 (4 Acid) Meas					2.2	6.00	2580	543	2	< 2	0.85	0.5	13	88	43	3.20	16	1.81	1.23	31	373	< 1	0.47
OREAS 247 (4 Acid) Cert					2.16	6.08	3510	550	2.23	0.580	0.826	0.0650	12.0	97.0	42.2	3.32	16.3	2.45	1.22	31.8	360	1.76	0.499
OREAS 247 (4 Acid) Meas					2.6	6.28	3140	568	2	< 2	0.90	< 0.3	16	92	44	3.41	17	2.42	1.26	32	391	< 1	0.49
OREAS 247 (4 Acid) Cert					2.16	6.08	3510	550	2.23	0.580	0.826	0.0650	12.0	97.0	42.2	3.32	16.3	2.45	1.22	31.8	360	1.76	0.499
OREAS 247 (4 Acid) Meas					2.7	6.27	3080	530	2	< 2	0.89	< 0.3	16	95	45	3.44	17	1.76	1.27	32	404	< 1	0.49
OREAS 247 (4 Acid) Cert					2.16	6.08	3510	550	2.23	0.580	0.826	0.0650	12.0	97.0	42.2	3.32	16.3	2.45	1.22	31.8	360	1.76	0.499
B904319 Orig	< 5																						
B904319 Dup	5																						
B904320 Orig					< 0.3	8.34	< 3	615	< 1	< 2	4.51	< 0.3	16	32	59	4.69	19	1.69	1.69	15	771	< 1	2.52
B904320 Dup					< 0.3	8.28	< 3	605	< 1	< 2	4.46	< 0.3	16	27	58	4.63	18	1.66	1.68	15	758	< 1	2.47
B904325 Orig		< 1	< 1	116																			
B904325 Dup		2	< 1	84																			

Analyte Symbol	Au	Pd	Pt	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na
Unit Symbol	ppb	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%
Lower Limit	5	1	1	2	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01
Method Code	FA-AA	FA-MS	FA-MS	FA-MS	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Method Blank					< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	0.01	< 0.01	< 1		< 1	< 0.01
Method Blank					< 0.3	0.01	4	< 7	< 1	< 2	< 0.01	< 0.3	1	7	4	0.06	< 1	0.02	< 0.01	< 1		< 1	< 0.01
Method Blank					< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	4	< 1	< 0.01	< 1	0.02	< 0.01	< 1	10	< 1	< 0.01
Method Blank					< 0.3	< 0.01	< 3	< 7	< 1	2	< 0.01	< 0.3	< 1	5	1	< 0.01	< 1	0.02	< 0.01	< 1		< 1	< 0.01
Method Blank					< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	5	< 1	< 0.01	< 1	0.02	< 0.01	< 1		< 1	< 0.01
Method Blank					< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	2	< 1	< 0.01	< 1	0.02	< 0.01	< 1		< 1	< 0.01
Method Blank					< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	3	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01
Method Blank					< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	6	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01
Method Blank					< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	3	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01

Analyte Symbol	Ni	P	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Au	Ag	Cu	
Unit Symbol	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne	ppm	%	
Lower Limit	1	0.001	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	0.03	3	0.001	
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FA- GRA	4Acid ICPOE S	4Acid ICPOE S	
Oreas 72a (4 Acid) Meas	6420				1.67															
Oreas 72a (4 Acid) Cert	6930.000				1.74															
Oreas 72a (4 Acid) Meas	6230				1.65															
Oreas 72a (4 Acid) Cert	6930.000				1.74															
Oreas 72a (4 Acid) Meas	6030				1.63															
Oreas 72a (4 Acid) Cert	6930.000				1.74															
Oreas 72a (4 Acid) Meas	6250				1.73															
Oreas 72a (4 Acid) Cert	6930.000				1.74															
Oreas 72a (4 Acid) Meas	5980				1.57															
Oreas 72a (4 Acid) Cert	6930.000				1.74															
Oreas 72a (4 Acid) Meas	6100				1.58															
Oreas 72a (4 Acid) Cert	6930.000				1.74															
Oreas 72a (4 Acid) Meas	5960				1.56															
Oreas 72a (4 Acid) Cert	6930.000				1.74															
Oreas 72a (4 Acid) Meas	6120				1.64															
Oreas 72a (4 Acid) Cert	6930.000				1.74															
Oreas 72a (4 Acid) Meas	6210				1.63															
Oreas 72a (4 Acid) Cert	6930.000				1.74															
MP-1b Meas																		49	3.08	
MP-1b Cert																		47	3.07	
OREAS 98 (4 Acid) Meas			326	< 5	16.0										1270					
OREAS 98 (4 Acid) Cert			345	20.1	15.5										1360					
OREAS 98 (4 Acid) Meas			304	< 5	15.2										1270					
OREAS 98 (4 Acid) Cert			345	20.1	15.5										1360					
OREAS 98 (4 Acid) Meas			315	< 5	15.0										1280					
OREAS 98 (4 Acid) Cert			345	20.1	15.5										1360					
OREAS 98 (4 Acid) Meas			306	6	16.8										1310					
OREAS 98 (4 Acid) Cert			345	20.1	15.5										1360					
OREAS 98 (4 Acid) Meas			313	6	15.7										1310					

Analyte Symbol	Ni	P	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Au	Ag	Cu
Unit Symbol	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne	ppm	%
Lower Limit	1	0.001	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	0.03	3	0.001
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FA- GRA	4Acid ICPOE S	4Acid ICPOE S
OREAS 98 (4 Acid) Cert			345	20.1	15.5										1360				
OREAS 98 (4 Acid) Meas			318	8	15.8										1330				
OREAS 98 (4 Acid) Cert			345	20.1	15.5										1360				
OREAS 98 (4 Acid) Meas			300	9	14.9										1270				
OREAS 98 (4 Acid) Cert			345	20.1	15.5										1360				
OREAS 98 (4 Acid) Meas			295	< 5	15.2										1230				
OREAS 98 (4 Acid) Cert			345	20.1	15.5										1360				
OREAS 98 (4 Acid) Meas			329	10	16.3										1420				
OREAS 98 (4 Acid) Cert			345	20.1	15.5										1360				
CPB-2 Meas																			0.124
CPB-2 Cert																			0.1213
CZN-4 Meas																		52	0.410
CZN-4 Cert																		51	0.403
OREAS 904 (4 Acid) Meas	47	0.103	15	< 5	0.07	12	31		< 5	< 10	78	< 5	36	27	102				
OREAS 904 (4 Acid) Cert	40.1	0.0980	10.6	1.48	0.0630	11.2	27.2		0.520	8.43	76.0	2.12	31.5	26.3	171				
OREAS 904 (4 Acid) Meas	46	0.099	14	< 5	0.06	12	30		< 5	< 10	67	< 5	36	28	56				
OREAS 904 (4 Acid) Cert	40.1	0.0980	10.6	1.48	0.0630	11.2	27.2		0.520	8.43	76.0	2.12	31.5	26.3	171				
OREAS 904 (4 Acid) Meas	45	0.103	7	< 5	0.06	12	32		< 5	< 10	92	< 5	36	27	123				
OREAS 904 (4 Acid) Cert	40.1	0.0980	10.6	1.48	0.0630	11.2	27.2		0.520	8.43	76.0	2.12	31.5	26.3	171				
OREAS 904 (4 Acid) Meas	46	0.100	13	< 5	0.07	11	30		< 5	10	76	< 5	34	28	149				
OREAS 904 (4 Acid) Cert	40.1	0.0980	10.6	1.48	0.0630	11.2	27.2		0.520	8.43	76.0	2.12	31.5	26.3	171				
OREAS 904 (4 Acid) Meas	43	0.108	12	< 5	0.07	12	31		< 5	10	90	< 5	35	28	189				
OREAS 904 (4 Acid) Cert	40.1	0.0980	10.6	1.48	0.0630	11.2	27.2		0.520	8.43	76.0	2.12	31.5	26.3	171				
OREAS 904 (4 Acid) Meas	44	0.093	15	< 5	0.06	11	32		< 5	< 10	61	< 5	34	29	36				
OREAS 904 (4 Acid) Cert	40.1	0.0980	10.6	1.48	0.0630	11.2	27.2		0.520	8.43	76.0	2.12	31.5	26.3	171				
OREAS 904 (4 Acid) Meas	46	0.101	19	< 5	0.06	12	33		< 5	< 10	89	< 5	37	30	77				
OREAS 904 (4 Acid) Cert	40.1	0.0980	10.6	1.48	0.0630	11.2	27.2		0.520	8.43	76.0	2.12	31.5	26.3	171				
OREAS 904 (4 Acid) Meas	44	0.100	8	< 5	0.06	11	30		< 5	< 10	83	< 5	34	28	136				
OREAS 904 (4 Acid) Cert	40.1	0.0980	10.6	1.48	0.0630	11.2	27.2		0.520	8.43	76.0	2.12	31.5	26.3	171				
OREAS 904 (4 Acid) Meas	44	0.096	8	< 5	0.06	12	30		< 5	< 10	76	< 5	36	28	89				

Analyte Symbol	Ni	P	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Au	Ag	Cu
Unit Symbol	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne	ppm	%
Lower Limit	1	0.001	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	0.03	3	0.001
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FA- GRA	4Acid ICPOE S	4Acid ICPOE S
OREAS 904 (4 Acid) Cert	40.1	0.0980	10.6	1.48	0.0630	11.2	27.2			0.520	8.43	76.0	2.12	31.5	26.3	171			
SBC-1 Meas	88		31	< 5		19	190		0.54	< 5	< 10	234	< 5	29	204	109			
SBC-1 Cert	83		35.0	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0			
SBC-1 Meas	85		29	< 5		18	184		0.53	< 5	< 10	229	< 5	28	205	107			
SBC-1 Cert	83		35.0	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0			
SBC-1 Meas	87		29	< 5		19	189		0.52	< 5	< 10	228	< 5	31	185	115			
SBC-1 Cert	83		35.0	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0			
SBC-1 Meas	85		30	< 5		18	179		0.60	< 5	< 10	226	< 5	30	196	114			
SBC-1 Cert	83		35.0	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0			
SBC-1 Meas	85		34	< 5		21	187		0.59	< 5	< 10	230	< 5	33	195	118			
SBC-1 Cert	83		35.0	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0			
SBC-1 Meas	87		28	< 5		21	201		0.56	< 5	< 10	239	5	34	200	122			
SBC-1 Cert	83		35.0	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0			
SBC-1 Meas	83		28	< 5		19	185		0.51	< 5	< 10	215	< 5	30	185	113			
SBC-1 Cert	83		35.0	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0			
SBC-1 Meas	84		25	< 5		20	183		0.51	< 5	< 10	229	< 5	31	193	112			
SBC-1 Cert	83		35.0	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0			
SBC-1 Meas	87		26	< 5		20	191		0.55	< 5	< 10	238	< 5	33	199	119			
SBC-1 Cert	83		35.0	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0			
PTC-1b Meas																		51	7.70
PTC-1b Cert																		53	7.97
CCU-1e Meas																		203	23.1
CCU-1e Cert																		205	22.9
CDN-PGMS-27 Meas																			
CDN-PGMS-27 Cert																			
OREAS 96 (4 Acid) Meas			97	6	4.39										441				
OREAS 96 (4 Acid) Cert			101	5.09	4.19										457				
OREAS 96 (4 Acid) Meas			93	< 5	4.30										433				
OREAS 96 (4 Acid) Cert			101	5.09	4.19										457				
OREAS 96 (4 Acid) Meas			96	< 5	4.23										434				
OREAS 96 (4 Acid) Cert			101	5.09	4.19										457				
OREAS 96 (4 Acid) Meas			98	< 5	4.70										460				
OREAS 96 (4 Acid) Cert			101	5.09	4.19										457				
OREAS 96 (4 Acid) Meas			96	< 5	4.33										454				
OREAS 96 (4 Acid) Cert			101	5.09	4.19										457				
OREAS 96 (4 Acid) Meas			95	< 5	4.32										457				
OREAS 96 (4 Acid) Cert			101	5.09	4.19										457				
OREAS 96 (4 Acid) Meas			99	< 5	4.52										474				

Analyte Symbol	Ni	P	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Au	Ag	Cu
Unit Symbol	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne	ppm	%
Lower Limit	1	0.001	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	0.03	3	0.001
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FA- GRA	4Acid ICPOE S	4Acid ICPOE S
OREAS 96 (4 Acid) Cert			101	5.09	4.19										457				
OREAS 96 (4 Acid) Meas			92	< 5	4.30										442				
OREAS 96 (4 Acid) Cert			101	5.09	4.19										457				
OREAS 96 (4 Acid) Meas			98	< 5	4.34										478				
OREAS 96 (4 Acid) Cert			101	5.09	4.19										457				
OREAS 923 (4 Acid) Meas	41	0.068	90	< 5	0.74	13	46		0.45	< 5	< 10	101	7	28	372	127			
OREAS 923 (4 Acid) Cert	35.8	0.0630	83.0	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116			
OREAS 923 (4 Acid) Meas	39	0.067	88	< 5	0.74	13	46		0.45	< 5	< 10	100	9	26	365	127			
OREAS 923 (4 Acid) Cert	35.8	0.0630	83.0	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116			
OREAS 923 (4 Acid) Meas	39	0.066	87	< 5	0.75	13	48		0.44	< 5	< 10	101	12	27	349	133			
OREAS 923 (4 Acid) Cert	35.8	0.0630	83.0	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116			
OREAS 923 (4 Acid) Meas	38	0.064	83	< 5	0.79	13	45		0.50	< 5	< 10	99	9	27	359	127			
OREAS 923 (4 Acid) Cert	35.8	0.0630	83.0	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116			
OREAS 923 (4 Acid) Meas	39	0.066	81	< 5	0.80	13	46		0.51	< 5	< 10	99	8	28	375	134			
OREAS 923 (4 Acid) Cert	35.8	0.0630	83.0	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116			
OREAS 923 (4 Acid) Meas	39	0.065	77	< 5	0.70	13	48		0.44	< 5	< 10	99	8	27	357	133			
OREAS 923 (4 Acid) Cert	35.8	0.0630	83.0	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116			
OREAS 923 (4 Acid) Meas	37	0.062	82	< 5	0.69	13	45		0.44	< 5	< 10	92	7	26	360	128			
OREAS 923 (4 Acid) Cert	35.8	0.0630	83.0	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116			
OREAS 923 (4 Acid) Meas	38	0.066	85	< 5	0.72	13	46		0.45	< 5	< 10	104	8	28	364	130			
OREAS 923 (4 Acid) Cert	35.8	0.0630	83.0	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116			
OREAS 923 (4 Acid) Meas	39	0.067	81	< 5	0.75	13	47		0.47	< 5	< 10	107	9	29	375	135			
OREAS 923 (4 Acid) Cert	35.8	0.0630	83.0	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116			
OREAS 621 (4 Acid) Meas	26	0.038	> 5000	13	4.49	6	77		0.20	< 5	< 10	36	< 5	12	> 10000	167			
OREAS 621 (4 Acid) Cert	26.2	0.0359	13600	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168			
OREAS 621 (4 Acid) Meas	28	0.035	> 5000	19	4.57	4	65		0.19	< 5	< 10	35	< 5	9	> 10000	158			
OREAS 621 (4 Acid) Cert	26.2	0.0359	13600	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168			
OREAS 621 (4 Acid) Meas	29	0.039	> 5000	24	4.83	7	80		0.20	< 5	< 10	36	< 5	14	> 10000	178			
OREAS 621 (4 Acid) Cert	26.2	0.0359	13600	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168			

Analyte Symbol	Ni	P	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Au	Ag	Cu
Unit Symbol	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne	ppm	%
Lower Limit	1	0.001	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	0.03	3	0.001
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FA- GRA	4Acid ICPOE S	4Acid ICPOE S
Acid) Cert																			
OREAS 621 (4 Acid) Meas	31	0.037	> 5000	24	5.17	7	78		0.23	< 5	< 10	36	< 5	13	> 10000	170			
OREAS 621 (4 Acid) Cert	26.2	0.0359	13600	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168			
OREAS 621 (4 Acid) Meas	30	0.037	> 5000	39	4.63	6	78		0.20	< 5	< 10	37	< 5	13	> 10000	170			
OREAS 621 (4 Acid) Cert	26.2	0.0359	13600	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168			
OREAS 621 (4 Acid) Meas	30	0.038	> 5000	34	4.68	7	80		0.20	< 5	< 10	37	< 5	13	> 10000	176			
OREAS 621 (4 Acid) Cert	26.2	0.0359	13600	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168			
OREAS 621 (4 Acid) Meas	29	0.037	> 5000	17	4.82	5	77		0.21	< 5	< 10	37	< 5	11	> 10000	170			
OREAS 621 (4 Acid) Cert	26.2	0.0359	13600	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168			
OREAS 621 (4 Acid) Meas	28	0.036	> 5000	16	4.51	6	75		0.20	< 5	< 10	34	< 5	12	> 10000	166			
OREAS 621 (4 Acid) Cert	26.2	0.0359	13600	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168			
OREAS 621 (4 Acid) Meas	31	0.038	> 5000	20	4.74	7	80		0.21	< 5	< 10	38	6	14	> 10000	177			
OREAS 621 (4 Acid) Cert	26.2	0.0359	13600	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168			
OREAS 229b (Fire Assay) Meas																	11.7		
OREAS 229b (Fire Assay) Cert																	11.9		
Oreas 237 (Fire Assay) Meas																			
Oreas 237 (Fire Assay) Cert																			
Oreas 237 (Fire Assay) Meas																			
Oreas 237 (Fire Assay) Cert																			
Oreas E1336 (Fire Assay) Meas																			
Oreas E1336 (Fire Assay) Cert																			
Oreas E1336 (Fire Assay) Meas																			
Oreas E1336 (Fire Assay) Cert																			
OREAS 681 (4 Acid) Meas	461	0.129	5	< 5	0.10	25	437		0.37		< 10	192	< 5	16	78	41			
OREAS 681 (4 Acid) Cert	503	0.141	10.2	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0			
OREAS 681 (4 Acid) Meas	458	0.140	5	< 5	0.11	26	446		0.59		< 10	250	< 5	16	79	58			
OREAS 681 (4 Acid) Cert	503	0.141	10.2	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0			
OREAS 681 (4 Acid) Meas	473	0.129	5	< 5	0.10	26	454		0.45		< 10	221	< 5	16	82	52			
OREAS 681 (4 Acid) Cert	503	0.141	10.2	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0			

Analyte Symbol	Ni	P	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Au	Ag	Cu
Unit Symbol	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne	ppm	%
Lower Limit	1	0.001	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	0.03	3	0.001
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FA- GRA	4Acid ICPOE S	4Acid ICPOE S
OREAS 681 (4 Acid) Meas	454	0.132	13	< 5	0.10	25	437		0.59		< 10	243	< 5	16	78	56			
OREAS 681 (4 Acid) Cert	503	0.141	10.2	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0			
OREAS 681 (4 Acid) Meas	452	0.132	15	< 5	0.11	27	444		0.54		< 10	230	< 5	16	77	59			
OREAS 681 (4 Acid) Cert	503	0.141	10.2	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0			
OREAS 681 (4 Acid) Meas	464	0.134	9	< 5	0.10	26	462		0.55		< 10	252	< 5	16	78	62			
OREAS 681 (4 Acid) Cert	503	0.141	10.2	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0			
OREAS 681 (4 Acid) Meas	454	0.129	8	< 5	0.10	25	447		0.54		< 10	221	< 5	15	78	54			
OREAS 681 (4 Acid) Cert	503	0.141	10.2	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0			
OREAS 681 (4 Acid) Meas	469	0.131	11	< 5	0.10	26	440		0.52		< 10	235	< 5	17	83	55			
OREAS 681 (4 Acid) Cert	503	0.141	10.2	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0			
OREAS 681 (4 Acid) Meas	468	0.133	17	< 5	0.10	25	445		0.54		< 10	239	< 5	17	84	57			
OREAS 681 (4 Acid) Cert	503	0.141	10.2	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0			
OREAS 247 (4 Acid) Meas	47	0.044	32	307	0.70	12	100		0.35	< 5	< 10	72	< 5	17	84	134			
OREAS 247 (4 Acid) Cert	45.9	0.0480	31.9	3300	0.714	11.4	96.0		0.390	0.800	2.53	82.0	7.88	13.1	86.0	125			
OREAS 247 (4 Acid) Meas	47	0.042	31	276	0.70	12	101		0.36	< 5	< 10	75	< 5	18	83	133			
OREAS 247 (4 Acid) Cert	45.9	0.0480	31.9	3300	0.714	11.4	96.0		0.390	0.800	2.53	82.0	7.88	13.1	86.0	125			
OREAS 247 (4 Acid) Meas	51	0.042	33	332	0.71	12	109		0.35	< 5	< 10	76	< 5	19	94	125			
OREAS 247 (4 Acid) Cert	45.9	0.0480	31.9	3300	0.714	11.4	96.0		0.390	0.800	2.53	82.0	7.88	13.1	86.0	125			
OREAS 247 (4 Acid) Meas	49	0.048	31	326	0.78	12	101		0.44	< 5	< 10	71	< 5	19	90	135			
OREAS 247 (4 Acid) Cert	45.9	0.0480	31.9	3300	0.714	11.4	96.0		0.390	0.800	2.53	82.0	7.88	13.1	86.0	125			
OREAS 247 (4 Acid) Meas	50	0.047	33	315	0.81	12	103		0.43	< 5	< 10	71	< 5	19	87	138			
OREAS 247 (4 Acid) Cert	45.9	0.0480	31.9	3300	0.714	11.4	96.0		0.390	0.800	2.53	82.0	7.88	13.1	86.0	125			
OREAS 247 (4 Acid) Meas	48	0.044	32	323	0.68	12	103		0.38	< 5	< 10	69	< 5	19	88	130			
OREAS 247 (4 Acid) Cert	45.9	0.0480	31.9	3300	0.714	11.4	96.0		0.390	0.800	2.53	82.0	7.88	13.1	86.0	125			
OREAS 247 (4 Acid) Meas	46	0.040	35	355	0.65	12	99		0.35	< 5	< 10	64	< 5	18	102	126			
OREAS 247 (4 Acid) Cert	45.9	0.0480	31.9	3300	0.714	11.4	96.0		0.390	0.800	2.53	82.0	7.88	13.1	86.0	125			
OREAS 247 (4 Acid) Meas	50	0.044	29	343	0.71	12	103		0.36	< 5	< 10	73	< 5	20	93	123			
OREAS 247 (4 Acid) Cert	45.9	0.0480	31.9	3300	0.714	11.4	96.0		0.390	0.800	2.53	82.0	7.88	13.1	86.0	125			
OREAS 247 (4 Acid) Meas	49	0.043	29	296	0.71	12	103		0.37	< 5	< 10	76	< 5	19	92	120			

Analyte Symbol	Ni	P	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Au	Ag	Cu
Unit Symbol	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne	ppm	%
Lower Limit	1	0.001	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	0.03	3	0.001
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FA-GRA	4Acid ICPOE S	4Acid ICPOE S
Acid) Meas																			
OREAS 247 (4 Acid) Cert	45.9	0.0480	31.9	3300	0.714	11.4	96.0		0.390	0.800	2.53	82.0	7.88	13.1	86.0	125			
B904319 Orig																			
B904319 Dup																			
B904320 Orig	10	0.074	< 3	< 5	0.19	15	757	< 2	0.16	< 5	< 10	82	< 5	15	45	24			
B904320 Dup	12	0.075	6	< 5	0.19	15	753	< 2	0.22	< 5	< 10	102	< 5	14	43	28			
B904325 Orig																			
B904325 Dup																			
B904331 Orig																			
B904331 Dup																			
B904334 Orig	14	0.074	4	< 5	0.35	15	621	< 2	0.32	< 5	< 10	135	< 5	15	49	38			
B904334 Dup	12	0.072	3	< 5	0.35	14	626	5	0.24	< 5	< 10	93	< 5	15	49	31			
B904335 Orig																			
B904335 Dup																			
B904346 Orig	9	0.090	8	< 5	1.32	13	319	77	0.31	< 5	< 10	125	12	15	65	60			
B904346 Dup	10	0.091	14	< 5	1.35	13	320	78	0.31	< 5	< 10	128	13	15	63	57			
B904356 Orig																			
B904356 Dup																			
B904359 Orig	17	0.067	< 3	< 5	0.14	18	677	< 2	0.35	< 5	< 10	158	< 5	15	63	42			
B904359 Dup	17	0.070	< 3	< 5	0.15	19	695	2	0.34	< 5	< 10	154	< 5	15	62	44			
B904360 Orig	16	0.061	< 3	< 5	0.29	9	581	< 2	0.34	< 5	< 10	155	< 5	9	59	56			
B904360 Split PREP DUP	18	0.062	< 3	< 5	0.35	17	576	< 2	0.34	< 5	< 10	147	< 5	16	59	55			
B904365 Orig																			
B904365 Dup																			
B904369 Orig																			
B904369 Dup																			
B904374 Orig	18	0.076	< 3	< 5	1.60	17	383	9	0.38	< 5	< 10	164	207	17	100	62			
B904374 Split PREP DUP	16	0.077	< 3	< 5	1.57	17	382	13	0.38	< 5	< 10	163	206	16	103	61			
Method Blank																			
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Analyte Symbol	Ni	P	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Au	Ag	Cu	
Unit Symbol	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne	ppm	%	
Lower Limit	1	0.001	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	0.03	3	0.001	
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FA- GRA	4Acid ICPOE S	4Acid ICPOE S	
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Report No.: A21-18360
Report Date: 03-Nov-21
Date Submitted: 30-Sep-21
Your Reference: Echo Ridge

Tashota Resources Inc
82 Richmond St East
Toronto On m5c1p1
Canada

ATTN: Colin Bowdidge

CERTIFICATE OF ANALYSIS

60 Rock samples were submitted for analysis.

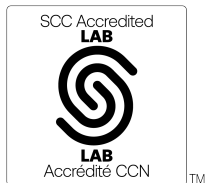
Table with 3 columns: Analytical package(s) requested, Testing Date, and details for 1A2-Tbay and 1F2-Tbay.

REPORT A21-18360

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Notes:

- If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Total includes all elements in % oxide to the left of total.
Values which exceed the upper limit should be assayed for accurate numbers.



LabID: 673

ACTIVATION LABORATORIES LTD.
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CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Report No.: A21-18360
Report Date: 03-Nov-21
Date Submitted: 30-Sep-21
Your Reference: Echo Ridge

Tashota Resources Inc
82 Richmond St East
Toronto On m5c1p1
Canada

ATTN: Colin Bowdidge

CERTIFICATE OF ANALYSIS

60 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
4C (1-10)	QOP XRF Fusion (Whole Rock Analysis-XRF)	2021-10-12 18:25:55

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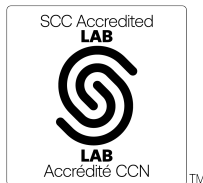
This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Total includes all elements in % oxide to the left of total.

Values which exceed the upper limit should be assayed for accurate numbers.



LabID: 266

ACTIVATION LABORATORIES LTD.
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CERTIFIED BY:

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Results

Activation Laboratories Ltd.

Report: A21-18360

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
B904302	< 5	< 0.3	7.64	50	545	1	< 2	2.11	< 0.3	19	127	45	4.14	19	1.89	1.59	26	803	< 1	2.71	62	0.061	6
B904303	18	0.3	7.82	7	637	1	< 2	1.93	0.5	18	115	60	4.10	18	2.13	1.53	26	729	< 1	2.53	62	0.060	8
B904304	16	0.4	8.43	13	717	1	< 2	1.52	0.4	20	114	84	4.21	19	2.53	1.70	30	648	1	2.64	71	0.063	9
B904305	11	< 0.3	7.45	21	670	1	< 2	2.52	< 0.3	17	93	124	3.40	17	2.17	1.08	22	570	2	2.53	50	0.058	8
B904306	8	< 0.3	8.38	20	610	1	< 2	2.36	< 0.3	22	111	62	4.53	20	2.21	1.63	27	752	< 1	2.83	72	0.060	8
B904307	9	< 0.3	8.22	11	780	1	< 2	2.13	< 0.3	23	117	27	5.13	21	1.67	1.90	37	909	< 1	2.48	80	0.063	10
B904308	11	< 0.3	8.15	12	783	1	< 2	2.03	< 0.3	23	110	41	4.87	20	1.90	1.77	37	792	< 1	2.47	73	0.060	11
B904309	6	< 0.3	7.73	9	640	< 1	< 2	2.21	< 0.3	24	141	73	5.11	19	2.31	1.75	34	781	< 1	2.43	72	0.064	7
B904310	5	< 0.3	7.70	< 3	551	1	< 2	2.10	< 0.3	19	113	53	4.26	18	1.87	1.54	28	692	< 1	2.56	61	0.057	11

Results

Activation Laboratories Ltd.

Report: A21-18360

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Co3O4	CuO	NiO	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	0.005	0.005	0.003	0.01	0.01	0.01	0.001	0.01	0.01	0.01
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
B904300	< 5	0.24	12	239	< 2	0.31	< 5	< 10	93	< 5	12	101	107										
B904301	< 5	0.18	12	383	9	0.22	< 5	< 10	74	< 5	13	88	95										
B904302	< 5	0.22	12	417	< 2	0.31	< 5	< 10	95	< 5	11	102	121										
B904303	< 5	0.32	12	312	< 2	0.31	< 5	< 10	96	< 5	12	144	117										
B904304	< 5	0.40	15	290	< 2	0.36	< 5	< 10	114	< 5	14	95	121										
B904305	< 5	0.38	10	362	6	0.28	< 5	< 10	77	< 5	13	55	115										
B904306	< 5	0.23	16	481	< 2	0.30	< 5	< 10	108	< 5	14	86	104										
B904307	< 5	0.12	16	485	< 2	0.32	< 5	< 10	107	< 5	12	104	114										
B904308	< 5	0.18	14	490	4	0.32	< 5	< 10	102	< 5	12	95	112										
B904309	< 5	0.25	15	426	< 2	0.37	< 5	< 10	117	< 5	13	85	121										
B904310	< 5	0.20	13	429	5	0.26	< 5	< 10	82	< 5	12	80	100										

Analyte Symbol	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total
Unit Symbol	%	%	%	%	%	%	%
Lower Limit	0.01	0.01	0.01	0.01	0.003		0.01
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	GRAV	FUS-XRF
B904251	3.55	0.54	0.19	< 0.01	0.025	4.06	98.54
B904252							
B904253							
B904254							
B904255							
B904256							
B904257							
B904258							
B904259							
B904260							
B904261							
B904262							
B904263							
B904264							
B904265							
B904266							
B904267							
B904268							
B904269							
B904270							
B904271							
B904272							
B904273							
B904274							
B904275							
B904276							
B904277	2.05	0.60	0.18	< 0.01	0.032	2.48	98.41
B904278							
B904279							
B904280							
B904281							
B904282							
B904283							
B904284							
B904285							
B904286							
B904287							
B904288							
B904289							
B904290							
B904291							
B904292	3.17	0.66	0.16	0.01	0.021	3.24	99.08
B904293							
B904294							
B904295							
B904296							
B904297							
B904298							
B904299							
B904300							

Analyte Symbol	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total
Unit Symbol	%	%	%	%	%	%	%
Lower Limit	0.01	0.01	0.01	0.01	0.003		0.01
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	GRAV	FUS-XRF
B904301							
B904302							
B904303							
B904304							
B904305							
B904306							
B904307							
B904308							
B904309							
B904310							

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
FK-N Meas																							
FK-N Cert																							
DR-N Meas																							
DR-N Cert																							
GBW 07238 (NCS DC 70006) Meas																							
GBW 07238 (NCS DC 70006) Cert																							
GS-N Meas																							
GS-N Cert																							
Oreas 72a (4 Acid) Meas				< 3						170	201	355	9.56									7350	
Oreas 72a (4 Acid) Cert				14.7						157	228	316	9.63									6930.000	
Oreas 72a (4 Acid) Meas				3						148	225	322	9.59									6280	
Oreas 72a (4 Acid) Cert				14.7						157	228	316	9.63									6930.000	
Oreas 72a (4 Acid) Meas				< 3						143	216	314	9.50									6030	
Oreas 72a (4 Acid) Cert				14.7						157	228	316	9.63									6930.000	
Oreas 72a (4 Acid) Meas				< 3						140	147	305	9.06									6430	
Oreas 72a (4 Acid) Cert				14.7						157	228	316	9.63									6930.000	
Oreas 72a (4 Acid) Meas				< 3						147	184	324	9.31									6390	
Oreas 72a (4 Acid) Cert				14.7						157	228	316	9.63									6930.000	
Oreas 72a (4 Acid) Meas				< 3						141	166	311	9.25									6050	
Oreas 72a (4 Acid) Cert				14.7						157	228	316	9.63									6930.000	
WS-E Meas																							
WS-E Cert																							
OREAS 98 (4 Acid) Meas		43.4					4			123		> 10000											325
OREAS 98 (4 Acid) Cert		45.1					97.2			121		14800.0											345
OREAS 98 (4 Acid) Meas		44.4					< 2			122		> 10000											310
OREAS 98 (4 Acid) Cert		45.1					97.2			121		14800.0											345
OREAS 98 (4 Acid) Meas		44.5					< 2			123		> 10000											326
OREAS 98 (4 Acid) Cert		45.1					97.2			121		14800.0											345
OREAS 98 (4 Acid) Meas		42.6					99			115		> 10000											305
OREAS 98 (4 Acid) Cert		45.1					97.2			121		14800.0											345
OREAS 98 (4 Acid) Meas		41.2					39			121		> 10000											324
OREAS 98 (4 Acid) Cert		45.1					97.2			121		14800.0											345
OREAS 98 (4 Acid) Meas		39.5					19			116		> 10000											320

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Acid) Meas																							
OREAS 98 (4 Acid) Cert		45.1					97.2			121		14800 0.0											345
OREAS 904 (4 Acid) Meas		0.8	6.65	84	211	10	< 2	0.05		96	61	6360	6.79	16	1.91	0.59	16	460	1	0.04	44	0.101	18
OREAS 904 (4 Acid) Cert		0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7	3.31	0.556	16.7	410	2.12	0.0340	40.1	0.0980	10.6
OREAS 904 (4 Acid) Meas		0.8	6.58	89	214	10	< 2	0.05		98	60	6260	6.86	19	2.34	0.59	16	461	2	0.04	48	0.104	15
OREAS 904 (4 Acid) Cert		0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7	3.31	0.556	16.7	410	2.12	0.0340	40.1	0.0980	10.6
OREAS 904 (4 Acid) Meas		0.5	6.64	84	218	10	< 2	0.05		93	57	6310	7.13	17	1.79	0.60	17	436	< 1	0.04	43	0.097	11
OREAS 904 (4 Acid) Cert		0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7	3.31	0.556	16.7	410	2.12	0.0340	40.1	0.0980	10.6
OREAS 904 (4 Acid) Meas		0.7	6.71	86	211	9	4	0.05		84	62	5500	6.14	17	1.71	0.61	18	456	< 1	0.03	46	0.104	15
OREAS 904 (4 Acid) Cert		0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7	3.31	0.556	16.7	410	2.12	0.0340	40.1	0.0980	10.6
OREAS 904 (4 Acid) Meas		0.4	6.41	79	203	9	3	0.05		95	59	6180	6.82	16	2.60	0.59	17	443	1	0.04	47	0.094	13
OREAS 904 (4 Acid) Cert		0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7	3.31	0.556	16.7	410	2.12	0.0340	40.1	0.0980	10.6
SBC-1 Meas				16	626	3	< 2		0.4	22	96	32		29			160		1		83		38
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0			163		2		83		35.0
SBC-1 Meas				33	728	3	< 2		0.8	22	103	43		23			157		2		83		28
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0			163		2		83		35.0
SBC-1 Meas				8	515	3	< 2		< 0.3	23	101	29		28			159		2		85		29
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0			163		2		83		35.0
SBC-1 Meas				21	695	3	2		0.6	21	85	26		27			159		3		83		30
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0			163		2		83		35.0
SBC-1 Meas				20	622	3	< 2		0.5	22	86	35		28			170		1		86		33
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0			163		2		83		35.0
SBC-1 Meas				22	690	3	< 2		0.4	23	108	31		27			162		1		85		27
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0			163		2		83		35.0
OREAS 96 (4 Acid) Meas		11.5					29			52		> 10000											93
OREAS 96 (4 Acid) Cert		11.5					26.3			49.9		39300											101
OREAS 96 (4 Acid) Meas		11.6					< 2			52		> 10000											94
OREAS 96 (4 Acid) Cert		11.5					26.3			49.9		39300											101
OREAS 96 (4 Acid) Meas		11.5					< 2			51		> 10000											94
OREAS 96 (4 Acid) Cert		11.5					26.3			49.9		39300											101
OREAS 96 (4 Acid) Meas		11.5					27			51		> 10000											99
OREAS 96 (4 Acid) Cert		11.5					26.3			49.9		39300											101
OREAS 96 (4 Acid) Meas		10.8					9			50		> 10000											95
OREAS 96 (4 Acid) Cert		11.5					26.3			49.9		39300											101
OREAS 96 (4 Acid) Meas		11.0					< 2			51		> 10000											96

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
OREAS 96 (4 Acid) Cert		11.5					26.3			49.9		39300											101
OREAS 923 (4 Acid) Meas		1.7	7.46	< 3	451	3	20	0.50	0.4	24	79	4430	6.50	19	2.55	1.77	31	1020	< 1	0.32	38	0.064	83
OREAS 923 (4 Acid) Cert		1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3	2.51	1.69	31.4	950	0.930	0.324	35.8	0.0630	83.0
OREAS 923 (4 Acid) Meas		1.5	7.26	< 3	436	2	16	0.49	0.4	23	82	4380	6.30	20	2.23	1.71	30	986	< 1	0.31	36	0.064	78
OREAS 923 (4 Acid) Cert		1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3	2.51	1.69	31.4	950	0.930	0.324	35.8	0.0630	83.0
OREAS 923 (4 Acid) Meas		2.2	7.58	6	456	3	15	0.49	0.5	24	98	4490	6.82	18	2.27	1.81	32	987	< 1	0.32	37	0.066	88
OREAS 923 (4 Acid) Cert		1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3	2.51	1.69	31.4	950	0.930	0.324	35.8	0.0630	83.0
OREAS 923 (4 Acid) Meas		1.8	7.58	< 3	443	2	23	0.46	0.4	21	75	3890	5.80	20	2.57	1.80	33	1030	< 1	0.28	38	0.067	81
OREAS 923 (4 Acid) Cert		1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3	2.51	1.69	31.4	950	0.930	0.324	35.8	0.0630	83.0
OREAS 923 (4 Acid) Meas		1.9	7.48	3	441	2	28	0.52	0.5	25	75	4540	6.94	20	2.78	1.80	32	1040	< 1	0.34	40	0.067	89
OREAS 923 (4 Acid) Cert		1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3	2.51	1.69	31.4	950	0.930	0.324	35.8	0.0630	83.0
OREAS 923 (4 Acid) Meas		1.8	7.59	6	439	2	19	0.49	0.3	24	82	4580	6.82	20	2.46	1.81	33	1020	< 1	0.34	37	0.068	83
OREAS 923 (4 Acid) Cert		1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3	2.51	1.69	31.4	950	0.930	0.324	35.8	0.0630	83.0
OREAS 621 (4 Acid) Meas		71.5	6.59	55		2	< 2	2.07	291	31	40	3880	3.94	25	1.93	0.55	14	526	12	1.35	30	0.038	> 5000
OREAS 621 (4 Acid) Cert		69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6	2.20	0.507	14.2	532	13.6	1.31	26.2	0.0359	13600
OREAS 621 (4 Acid) Meas		71.2	6.71	64		2	< 2	2.08	289	31	38	3780	3.93	24	2.29	0.54	14	519	14	1.36	30	0.038	> 5000
OREAS 621 (4 Acid) Cert		69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6	2.20	0.507	14.2	532	13.6	1.31	26.2	0.0359	13600
OREAS 621 (4 Acid) Meas		72.2	6.42	65		2	6	2.11	292	30	34	3750	3.88	26	1.81	0.53	15	540	15	1.34	28	0.039	> 5000
OREAS 621 (4 Acid) Cert		69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6	2.20	0.507	14.2	532	13.6	1.31	26.2	0.0359	13600
OREAS 621 (4 Acid) Meas		70.6	6.63	63		2	4	2.08	297	32	33	3890	3.90	26	2.24	0.54	15	517	13	1.37	31	0.039	> 5000
OREAS 621 (4 Acid) Cert		69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6	2.20	0.507	14.2	532	13.6	1.31	26.2	0.0359	13600
Oreas 237 (Fire Assay) Meas	2130																						
Oreas 237 (Fire Assay) Cert	2210																						
Oreas 237 (Fire Assay) Meas	2190																						
Oreas 237 (Fire Assay) Cert	2210																						
Oreas E1336 (Fire Assay) Meas	500																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	506																						
Oreas E1336 (Fire Assay) Cert	510																						

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
OREAS 681 (4 Acid) Meas		< 0.3	7.70		414	1	< 2	5.75		48	1400	252	7.37	16	1.36	5.01	13	1300	< 1	1.56	455	0.136	< 3
OREAS 681 (4 Acid) Cert		0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6	1.35	5.19	13.0	1310	1.38	1.61	503	0.141	10.2
OREAS 681 (4 Acid) Meas		< 0.3	7.89		417	1	< 2	5.80		49	1900	261	7.43	18	1.37	5.04	13	1320	< 1	1.58	465	0.129	10
OREAS 681 (4 Acid) Cert		0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6	1.35	5.19	13.0	1310	1.38	1.61	503	0.141	10.2
OREAS 681 (4 Acid) Meas		0.3	7.93		424	1	< 2	5.71		48	1600	271	7.86	14	1.39	5.19	13	1280	< 1	1.58	463	0.135	12
OREAS 681 (4 Acid) Cert		0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6	1.35	5.19	13.0	1310	1.38	1.61	503	0.141	10.2
OREAS 681 (4 Acid) Meas		0.4	7.55		400	1	< 2	5.58		46	1300	257	7.49	17	1.40	5.03	13	1300	< 1	1.45	460	0.137	14
OREAS 681 (4 Acid) Cert		0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6	1.35	5.19	13.0	1310	1.38	1.61	503	0.141	10.2
OREAS 681 (4 Acid) Meas		< 0.3	7.55		391	1	< 2	5.89		49	1680	282	8.26	16	1.41	4.91	13	1300	< 1	1.61	455	0.133	10
OREAS 681 (4 Acid) Cert		0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6	1.35	5.19	13.0	1310	1.38	1.61	503	0.141	10.2
OREAS 681 (4 Acid) Meas		< 0.3	7.56		395	1	< 2	5.41		47	1660	260	7.44	16	1.40	4.94	13	1260	< 1	1.47	466	0.136	3
OREAS 681 (4 Acid) Cert		0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6	1.35	5.19	13.0	1310	1.38	1.61	503	0.141	10.2
OREAS 247 (4 Acid) Meas		2.2	6.15	2990	542	3	< 2	0.89	< 0.3	12	86	41	3.28	15	2.13	1.24	31	366	< 1	0.47	47	0.045	31
OREAS 247 (4 Acid) Cert		2.16	6.08	3510	550	2.23	0.580	0.826	0.0650	12.0	97.0	42.2	3.32	16.3	2.45	1.22	31.8	360	1.76	0.499	45.9	0.0480	31.9
OREAS 247 (4 Acid) Meas		2.2	6.16	2810	518	3	< 2	0.89	< 0.3	13	97	42	3.31	16	1.59	1.26	31	384	< 1	0.48	47	0.045	34
OREAS 247 (4 Acid) Cert		2.16	6.08	3510	550	2.23	0.580	0.826	0.0650	12.0	97.0	42.2	3.32	16.3	2.45	1.22	31.8	360	1.76	0.499	45.9	0.0480	31.9
OREAS 247 (4 Acid) Meas		2.5	6.31	2780	515	3	< 2	0.85	< 0.3	13	116	42	3.40	15	1.56	1.29	32	377	< 1	0.48	47	0.042	29
OREAS 247 (4 Acid) Cert		2.16	6.08	3510	550	2.23	0.580	0.826	0.0650	12.0	97.0	42.2	3.32	16.3	2.45	1.22	31.8	360	1.76	0.499	45.9	0.0480	31.9
OREAS 247 (4 Acid) Meas		2.5	6.79	3510	574	2	< 2	0.91	< 0.3	14	85	44	3.42	17	2.83	1.38	35	405	< 1	0.49	51	0.051	32
OREAS 247 (4 Acid) Cert		2.16	6.08	3510	550	2.23	0.580	0.826	0.0650	12.0	97.0	42.2	3.32	16.3	2.45	1.22	31.8	360	1.76	0.499	45.9	0.0480	31.9
OREAS 247 (4 Acid) Meas		2.4	6.49	3220	493	2	< 2	0.91	< 0.3	13	94	44	3.62	16	2.22	1.32	33	413	< 1	0.52	51	0.045	35
OREAS 247 (4 Acid) Cert		2.16	6.08	3510	550	2.23	0.580	0.826	0.0650	12.0	97.0	42.2	3.32	16.3	2.45	1.22	31.8	360	1.76	0.499	45.9	0.0480	31.9
OREAS 247 (4 Acid) Meas		2.4	6.42	3410	562	2	< 2	0.90	0.5	14	98	45	3.52	17	2.74	1.33	34	389	< 1	0.53	51	0.049	34
OREAS 247 (4 Acid) Cert		2.16	6.08	3510	550	2.23	0.580	0.826	0.0650	12.0	97.0	42.2	3.32	16.3	2.45	1.22	31.8	360	1.76	0.499	45.9	0.0480	31.9
OREAS 22f (Fusion XRF) Meas																							
OREAS 22f (Fusion XRF) Cert																							
AMIS 0563 (XRF) Meas																							
AMIS 0563 (XRF) Cert																							
B904259 Orig	< 5																						

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
B904259 Dup	< 5																						
B904269 Orig	6																						
B904269 Dup	7																						
B904273 Orig	7																						
B904273 Dup	9																						
B904279 Orig		2.0	8.75	20	432	< 1	< 2	4.00	0.7	26	50	1650	5.59	19	2.33	2.21	26	822	1	2.08	19	0.074	< 3
B904279 Dup		2.0	8.68	27	574	< 1	< 2	3.98	0.5	27	47	1660	5.56	18	2.32	2.21	26	815	< 1	2.03	20	0.075	4
B904284 Orig		3.4	6.89	7	548	< 1	< 2	2.64	0.6	20	23	2740	4.51	18	2.78	1.56	24	583	2	1.84	12	0.065	< 3
B904284 Dup		3.8	7.95	8	633	< 1	2	3.00	0.5	23	28	2810	5.40	21	3.14	1.84	29	691	3	2.21	15	0.076	< 3
B904292 Orig																							
B904292 Dup																							
B904294 Orig	< 5																						
B904294 Dup	< 5																						
B904300 Orig	12	0.6	7.46	38	574	< 1	< 2	1.86	0.4	18	108	116	4.11	18	2.43	1.48	26	686	2	2.19	59	0.060	22
B904300 Split PREP DUP	12	0.8	7.36	26	558	< 1	< 2	1.80	0.5	18	105	108	3.94	17	2.16	1.43	25	662	2	2.14	57	0.057	22
B904303 Orig	17																						
B904303 Dup	19																						
B904307 Orig	8																						
B904307 Dup	10																						
B904310 Orig	5	< 0.3	7.70	< 3	551	1	< 2	2.10	< 0.3	19	113	53	4.26	18	1.87	1.54	28	692	< 1	2.56	61	0.057	11
B904310 Split PREP DUP	10	< 0.3	7.93	4	567	1	< 2	2.14	< 0.3	19	106	58	4.38	20	1.47	1.58	29	687	< 1	2.62	64	0.055	10
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	8	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	5	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	7	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	5	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	3	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	9	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	9	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1	10	< 1	< 0.01	< 1	< 0.001	< 3
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	< 1	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1	< 1	< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	3	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	6	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1	10	< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	3	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	8	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	6	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Co3O4	CuO	NiO	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	0.005	0.005	0.003	0.01	0.01	0.01	0.001	0.01	0.01	0.01
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
FK-N Meas																	64.82	18.70	0.06	< 0.001		0.14	2.62
FK-N Cert																	65.0	18.6	0.0900	0.00500		0.110	2.58
DR-N Meas																	52.18	17.47	9.70	0.220	4.41	6.84	3.01
DR-N Cert																	52.85	17.52	9.70	0.220	4.40	7.05	2.99
GBW 07238 (NCS DC 70006) Meas																	33.95	3.52	22.06	1.404	0.92	30.52	0.09
GBW 07238 (NCS DC 70006) Cert																	34.1	3.46	21.3	1.40	0.860	31.4	0.0750
GS-N Meas																	66.16	15.01	3.73	0.053	2.35	2.47	3.98
GS-N Cert																	65.80	14.67	3.75	0.056	2.30	2.50	3.77
Oreas 72a (4 Acid) Meas		1.90																					
Oreas 72a (4 Acid) Cert		1.74																					
Oreas 72a (4 Acid) Meas		1.67																					
Oreas 72a (4 Acid) Cert		1.74																					
Oreas 72a (4 Acid) Meas		1.65																					
Oreas 72a (4 Acid) Cert		1.74																					
Oreas 72a (4 Acid) Meas		1.72																					
Oreas 72a (4 Acid) Cert		1.74																					
Oreas 72a (4 Acid) Meas		1.66																					
Oreas 72a (4 Acid) Cert		1.74																					
Oreas 72a (4 Acid) Meas		1.58																					
Oreas 72a (4 Acid) Cert		1.74																					
WS-E Meas																	51.17	13.94	13.43	0.173	5.76	8.94	2.57
WS-E Cert																	50.70	13.78	13.15	0.170	5.55	8.95	2.47
OREAS 98 (4 Acid) Meas	< 5	16.0										1340											
OREAS 98 (4 Acid) Cert	20.1	15.5										1360											
OREAS 98 (4 Acid) Meas	< 5	16.2										1330											
OREAS 98 (4 Acid) Cert	20.1	15.5										1360											
OREAS 98 (4 Acid) Meas	7	16.2										1330											
OREAS 98 (4 Acid) Cert	20.1	15.5										1360											
OREAS 98 (4 Acid) Meas	< 5	16.7										1340											
OREAS 98 (4 Acid) Cert	20.1	15.5										1360											
OREAS 98 (4 Acid) Meas	11	16.1										1330											
OREAS 98 (4 Acid) Cert	20.1	15.5										1360											

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Co3O4	CuO	NiO	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	0.005	0.005	0.003	0.01	0.01	0.01	0.001	0.01	0.01	0.01
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
OREAS 98 (4 Acid) Meas	7	15.1										1320											
OREAS 98 (4 Acid) Cert	20.1	15.5										1360											
OREAS 904 (4 Acid) Meas	< 5	0.07	11	30			< 5	< 10	86	< 5	35	28	186										
OREAS 904 (4 Acid) Cert	1.48	0.0630	11.2	27.2			0.520	8.43	76.0	2.12	31.5	26.3	171										
OREAS 904 (4 Acid) Meas	< 5	0.06	12	31			< 5	< 10	89	< 5	35	28	193										
OREAS 904 (4 Acid) Cert	1.48	0.0630	11.2	27.2			0.520	8.43	76.0	2.12	31.5	26.3	171										
OREAS 904 (4 Acid) Meas	< 5	0.06	12	31			< 5	< 10	78	< 5	36	27	59										
OREAS 904 (4 Acid) Cert	1.48	0.0630	11.2	27.2			0.520	8.43	76.0	2.12	31.5	26.3	171										
OREAS 904 (4 Acid) Meas	< 5	0.07	12	28			< 5	10	77	< 5	37	26	151										
OREAS 904 (4 Acid) Cert	1.48	0.0630	11.2	27.2			0.520	8.43	76.0	2.12	31.5	26.3	171										
OREAS 904 (4 Acid) Meas	< 5	0.06	12	32			< 5	< 10	72	< 5	34	28	34										
OREAS 904 (4 Acid) Cert	1.48	0.0630	11.2	27.2			0.520	8.43	76.0	2.12	31.5	26.3	171										
SBC-1 Meas	< 5		20	188		0.53	< 5	< 10	225	< 5	32	192	119										
SBC-1 Cert	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0										
SBC-1 Meas	< 5		18	186		0.54	< 5	< 10	225	6	27	189	106										
SBC-1 Cert	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0										
SBC-1 Meas	< 5		16	153		0.35	< 5	< 10	223	5	20	187	89										
SBC-1 Cert	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0										
SBC-1 Meas	< 5		19	167		0.52	< 5	< 10	217	< 5	31	182	114										
SBC-1 Cert	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0										
SBC-1 Meas	< 5		20	199		0.54	< 5	< 10	228	< 5	33	198	119										
SBC-1 Cert	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0										
SBC-1 Meas	< 5		15	168		0.53	< 5	< 10	235	< 5	22	193	112										
SBC-1 Cert	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0										
OREAS 96 (4 Acid) Meas	< 5	4.37											459										
OREAS 96 (4 Acid) Cert	5.09	4.19											457										
OREAS 96 (4 Acid) Meas	14	4.39											459										
OREAS 96 (4 Acid) Cert	5.09	4.19											457										
OREAS 96 (4 Acid) Meas	10	4.35											457										
OREAS 96 (4 Acid) Cert	5.09	4.19											457										
OREAS 96 (4 Acid) Meas	< 5	4.59											481										
OREAS 96 (4 Acid) Cert	5.09	4.19											457										
OREAS 96 (4 Acid) Meas	< 5	4.25											457										
OREAS 96 (4 Acid) Meas	5.09	4.19											457										

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Co3O4	CuO	NiO	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	0.005	0.005	0.003	0.01	0.01	0.01	0.001	0.01	0.01	0.01
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Acid) Cert																							
OREAS 96 (4 Acid) Meas	< 5	4.29										454											
OREAS 96 (4 Acid) Cert	5.09	4.19										457											
OREAS 923 (4 Acid) Meas	< 5	0.71	13	45		0.44	< 5	< 10	100	7	27	360	133										
OREAS 923 (4 Acid) Cert	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116										
OREAS 923 (4 Acid) Meas	< 5	0.69	12	44		0.43	< 5	< 10	97	7	27	356	129										
OREAS 923 (4 Acid) Cert	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116										
OREAS 923 (4 Acid) Meas	< 5	0.72	13	46		0.46	< 5	< 10	99	10	26	364	124										
OREAS 923 (4 Acid) Cert	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116										
OREAS 923 (4 Acid) Meas	< 5	0.77	13	41		0.45	< 5	< 10	98	8	29	348	133										
OREAS 923 (4 Acid) Cert	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116										
OREAS 923 (4 Acid) Meas	< 5	0.76	13	48		0.44	< 5	< 10	99	8	29	388	132										
OREAS 923 (4 Acid) Cert	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116										
OREAS 923 (4 Acid) Meas	< 5	0.73	13	48		0.46	< 5	< 10	104	7	27	361	134										
OREAS 923 (4 Acid) Cert	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116										
OREAS 621 (4 Acid) Meas	21	4.66	7	72		0.21	< 5	< 10	35	< 5	13	> 10000	176										
OREAS 621 (4 Acid) Cert	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168										
OREAS 621 (4 Acid) Meas	19	4.61	7	77		0.21	< 5	< 10	36	< 5	13	> 10000	173										
OREAS 621 (4 Acid) Cert	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168										
OREAS 621 (4 Acid) Meas	17	4.91	7	74		0.20	< 5	< 10	35	< 5	13	> 10000	180										
OREAS 621 (4 Acid) Cert	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168										
OREAS 621 (4 Acid) Meas	20	4.83	7	82		0.21	< 5	< 10	38	< 5	13	> 10000	174										
OREAS 621 (4 Acid) Cert	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168										
Oreas 237 (Fire Assay) Meas																							
Oreas 237 (Fire Assay) Cert																							
Oreas 237 (Fire Assay) Meas																							
Oreas 237 (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Co3O4	CuO	NiO	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	0.005	0.005	0.003	0.01	0.01	0.01	0.001	0.01	0.01	0.01
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
OREAS E1336 (Fire Assay) Meas																							
OREAS E1336 (Fire Assay) Cert																							
OREAS 681 (4 Acid) Meas	< 5	0.10	25	442		0.56		< 10	239	< 5	17	80	60										
OREAS 681 (4 Acid) Cert	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0										
OREAS 681 (4 Acid) Meas	< 5	0.10	26	450		0.39		< 10	207	< 5	17	80	48										
OREAS 681 (4 Acid) Cert	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0										
OREAS 681 (4 Acid) Meas	< 5	0.10	26	462		0.52		< 10	231	< 5	16	85	55										
OREAS 681 (4 Acid) Cert	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0										
OREAS 681 (4 Acid) Meas	< 5	0.10	26	446		0.59		< 10	245	< 5	17	80	61										
OREAS 681 (4 Acid) Cert	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0										
OREAS 681 (4 Acid) Meas	< 5	0.10	25	491		0.58		< 10	242	< 5	16	82	61										
OREAS 681 (4 Acid) Cert	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0										
OREAS 681 (4 Acid) Meas	< 5	0.10	26	448		0.59		< 10	254	< 5	16	78	59										
OREAS 681 (4 Acid) Cert	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0										
OREAS 247 (4 Acid) Meas	310	0.70	12	100		0.39	< 5	< 10	70	< 5	19	86	124										
OREAS 247 (4 Acid) Cert	3300	0.714	11.4	96.0		0.390	0.800	2.53	82.0	7.88	13.1	86.0	125										
OREAS 247 (4 Acid) Meas	201	0.71	12	99		0.35	< 5	< 10	70	< 5	18	89	133										
OREAS 247 (4 Acid) Cert	3300	0.714	11.4	96.0		0.390	0.800	2.53	82.0	7.88	13.1	86.0	125										
OREAS 247 (4 Acid) Meas	348	0.68	12	104		0.36	< 5	< 10	72	< 5	18	84	116										
OREAS 247 (4 Acid) Cert	3300	0.714	11.4	96.0		0.390	0.800	2.53	82.0	7.88	13.1	86.0	125										
OREAS 247 (4 Acid) Meas	343	0.80	13	104		0.42	< 5	< 10	71	< 5	20	92	137										
OREAS 247 (4 Acid) Cert	3300	0.714	11.4	96.0		0.390	0.800	2.53	82.0	7.88	13.1	86.0	125										
OREAS 247 (4 Acid) Meas	334	0.74	12	110		0.38	< 5	< 10	72	< 5	19	93	124										
OREAS 247 (4 Acid) Cert	3300	0.714	11.4	96.0		0.390	0.800	2.53	82.0	7.88	13.1	86.0	125										
OREAS 247 (4 Acid) Meas	336	0.74	13	108		0.42	< 5	< 10	74	< 5	18	91	133										
OREAS 247 (4 Acid) Cert	3300	0.714	11.4	96.0		0.390	0.800	2.53	82.0	7.88	13.1	86.0	125										
OREAS 22f (Fusion XRF) Meas															< 0.005	< 0.003	97.17	0.28	0.77	0.006	0.06	0.05	0.05
OREAS 22f (Fusion XRF) Cert															0.002	0.003	98.69	0.26	0.80	0.01	0.03	0.04	0.02

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Co3O4	CuO	NiO	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	0.005	0.005	0.003	0.01	0.01	0.01	0.001	0.01	0.01	0.01
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
AMIS 0563 (XRF) Meas																	8.29	0.91	36.79	0.189	10.78	20.71	
AMIS 0563 (XRF) Cert																	8.46	0.76	37.09	0.186	10.90	21.08	
B904259 Orig																							
B904259 Dup																							
B904269 Orig																							
B904269 Dup																							
B904273 Orig																							
B904273 Dup																							
B904279 Orig	< 5	0.83	19	557	< 2	0.38	< 5	< 10	181	< 5	15	93	38										
B904279 Dup	< 5	0.81	19	558	< 2	0.38	< 5	< 10	180	< 5	15	91	35										
B904284 Orig	< 5	0.57	15	397	3	0.34	< 5	< 10	144	< 5	14	99	58										
B904284 Dup	< 5	0.67	17	461	< 2	0.39	< 5	< 10	165	< 5	15	114	66										
B904292 Orig														< 0.005	0.009	< 0.003	58.40	17.46	6.17	0.079	2.89	3.20	4.01
B904292 Dup														< 0.005	0.008	< 0.003	57.96	17.19	6.13	0.075	2.87	3.18	3.98
B904294 Orig																							
B904294 Dup																							
B904300 Orig	< 5	0.24	12	239	< 2	0.31	< 5	< 10	93	< 5	12	101	107										
B904300 Split PREP DUP	< 5	0.22	12	233	< 2	0.29	< 5	< 10	88	< 5	12	103	104										
B904303 Orig																							
B904303 Dup																							
B904307 Orig																							
B904307 Dup																							
B904310 Orig	< 5	0.20	13	429	5	0.26	< 5	< 10	82	< 5	12	80	100										
B904310 Split PREP DUP	< 5	0.20	13	435	4	0.17	< 5	< 10	64	< 5	13	81	83										
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5										
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5										
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5										
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5										
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5										
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5										
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5										
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5										
Method Blank	< 5	< 0.01	< 4	< 1	3	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5										
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5										
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5										
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5										
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5										
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5										
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5										
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5										

Analyte Symbol	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total
Unit Symbol	%	%	%	%	%	%	%
Lower Limit	0.01	0.01	0.01	0.01	0.003		0.01
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	GRAV	FUS-XRF
FK-N Meas	12.91	0.01	0.02				
FK-N Cert	12.8	0.0200	0.0240				
DR-N Meas	1.69	1.06	0.24				
DR-N Cert	1.70	1.09	0.25				
GBW 07238 (NCS DC 70006) Meas	0.02	0.13					
GBW 07238 (NCS DC 70006) Cert	0.0460	0.130					
GS-N Meas	4.70	0.67	0.30				
GS-N Cert	4.63	0.68	0.28				
Oreas 72a (4 Acid) Meas							
Oreas 72a (4 Acid) Cert							
Oreas 72a (4 Acid) Meas							
Oreas 72a (4 Acid) Cert							
Oreas 72a (4 Acid) Meas							
Oreas 72a (4 Acid) Cert							
Oreas 72a (4 Acid) Meas							
Oreas 72a (4 Acid) Cert							
Oreas 72a (4 Acid) Meas							
Oreas 72a (4 Acid) Cert							
Oreas 72a (4 Acid) Meas							
Oreas 72a (4 Acid) Cert							
Oreas 72a (4 Acid) Meas							
Oreas 72a (4 Acid) Cert							
Oreas 72a (4 Acid) Meas							
Oreas 72a (4 Acid) Cert							
WS-E Meas	1.01	2.47	0.32				
WS-E Cert	1.00	2.40	0.30				
OREAS 98 (4 Acid) Meas							
OREAS 98 (4 Acid) Cert							
OREAS 98 (4 Acid) Meas							
OREAS 98 (4 Acid) Cert							
OREAS 98 (4 Acid) Meas							
OREAS 98 (4 Acid) Cert							
OREAS 98 (4 Acid) Meas							
OREAS 98 (4 Acid) Cert							
OREAS 98 (4 Acid) Meas							
OREAS 98 (4 Acid) Cert							
OREAS 98 (4 Acid) Meas							
OREAS 98 (4 Acid) Cert							

Analyte Symbol	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total
Unit Symbol	%	%	%	%	%	%	%
Lower Limit	0.01	0.01	0.01	0.01	0.003		0.01
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	GRAV	FUS-XRF
OREAS 98 (4 Acid) Meas							
OREAS 98 (4 Acid) Cert							
OREAS 904 (4 Acid) Meas							
OREAS 904 (4 Acid) Cert							
OREAS 904 (4 Acid) Meas							
OREAS 904 (4 Acid) Cert							
OREAS 904 (4 Acid) Meas							
OREAS 904 (4 Acid) Cert							
OREAS 904 (4 Acid) Meas							
OREAS 904 (4 Acid) Cert							
OREAS 904 (4 Acid) Meas							
OREAS 904 (4 Acid) Cert							
OREAS 904 (4 Acid) Meas							
OREAS 904 (4 Acid) Cert							
OREAS 904 (4 Acid) Meas							
OREAS 904 (4 Acid) Cert							
SBC-1 Meas							
SBC-1 Cert							
SBC-1 Meas							
SBC-1 Cert							
SBC-1 Meas							
SBC-1 Cert							
SBC-1 Meas							
SBC-1 Cert							
SBC-1 Meas							
SBC-1 Cert							
SBC-1 Meas							
SBC-1 Cert							
OREAS 96 (4 Acid) Meas							
OREAS 96 (4 Acid) Cert							
OREAS 96 (4 Acid) Meas							
OREAS 96 (4 Acid) Cert							
OREAS 96 (4 Acid) Meas							
OREAS 96 (4 Acid) Cert							
OREAS 96 (4 Acid) Meas							
OREAS 96 (4 Acid) Cert							
OREAS 96 (4 Acid) Meas							
OREAS 96 (4 Acid) Cert							
OREAS 96 (4 Acid) Meas							
OREAS 96 (4 Acid) Cert							

Analyte Symbol	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total
Unit Symbol	%	%	%	%	%	%	%
Lower Limit	0.01	0.01	0.01	0.01	0.003		0.01
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	GRAV	FUS-XRF
OREAS 96 (4 Acid) Meas							
OREAS 96 (4 Acid) Cert							
OREAS 923 (4 Acid) Meas							
OREAS 923 (4 Acid) Cert							
OREAS 923 (4 Acid) Meas							
OREAS 923 (4 Acid) Cert							
OREAS 923 (4 Acid) Meas							
OREAS 923 (4 Acid) Cert							
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OREAS 923 (4 Acid) Meas							
OREAS 923 (4 Acid) Cert							
OREAS 923 (4 Acid) Meas							
OREAS 923 (4 Acid) Cert							
OREAS 621 (4 Acid) Meas							
OREAS 621 (4 Acid) Cert							
OREAS 621 (4 Acid) Meas							
OREAS 621 (4 Acid) Cert							
OREAS 621 (4 Acid) Meas							
OREAS 621 (4 Acid) Cert							
OREAS 621 (4 Acid) Meas							
OREAS 621 (4 Acid) Cert							
OREAS 621 (4 Acid) Meas							
OREAS 621 (4 Acid) Cert							
Oreas 237 (Fire Assay) Meas							
Oreas 237 (Fire Assay) Cert							
Oreas 237 (Fire Assay) Meas							
Oreas 237 (Fire Assay) Cert							
Oreas E1336 (Fire Assay) Meas							
Oreas E1336 (Fire Assay) Cert							
Oreas E1336 (Fire Assay) Meas							

Analyte Symbol	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total
Unit Symbol	%	%	%	%	%	%	%
Lower Limit	0.01	0.01	0.01	0.01	0.003		0.01
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	GRAV	FUS-XRF
Oreas E1336 (Fire Assay) Cert							
OREAS 681 (4 Acid) Meas							
OREAS 681 (4 Acid) Cert							
OREAS 681 (4 Acid) Meas							
OREAS 681 (4 Acid) Cert							
OREAS 681 (4 Acid) Meas							
OREAS 681 (4 Acid) Cert							
OREAS 681 (4 Acid) Meas							
OREAS 681 (4 Acid) Cert							
OREAS 681 (4 Acid) Meas							
OREAS 681 (4 Acid) Cert							
OREAS 681 (4 Acid) Meas							
OREAS 681 (4 Acid) Cert							
OREAS 681 (4 Acid) Meas							
OREAS 681 (4 Acid) Cert							
OREAS 247 (4 Acid) Meas							
OREAS 247 (4 Acid) Cert							
OREAS 247 (4 Acid) Meas							
OREAS 247 (4 Acid) Cert							
OREAS 247 (4 Acid) Meas							
OREAS 247 (4 Acid) Cert							
OREAS 247 (4 Acid) Meas							
OREAS 247 (4 Acid) Cert							
OREAS 247 (4 Acid) Meas							
OREAS 247 (4 Acid) Cert							
OREAS 247 (4 Acid) Meas							
OREAS 247 (4 Acid) Cert							
OREAS 247 (4 Acid) Meas							
OREAS 247 (4 Acid) Cert							
OREAS 247 (4 Acid) Meas							
OREAS 247 (4 Acid) Cert							
OREAS 247 (4 Acid) Meas							
OREAS 247 (4 Acid) Cert							
OREAS 22f (Fusion XRF) Meas	0.01	0.07	0.01	< 0.01	< 0.003		
OREAS 22f (Fusion XRF) Cert	0.00900	0.05	0.004	0.01	0.002		
AMIS 0563 (XRF) Meas		1.33	7.52				
AMIS 0563 (XRF)		1.33	7.44				

Analyte Symbol	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total
Unit Symbol	%	%	%	%	%	%	%
Lower Limit	0.01	0.01	0.01	0.01	0.003		0.01
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	GRAV	FUS-XRF
Cert							
B904259 Orig							
B904259 Dup							
B904269 Orig							
B904269 Dup							
B904273 Orig							
B904273 Dup							
B904279 Orig							
B904279 Dup							
B904284 Orig							
B904284 Dup							
B904292 Orig	3.17	0.66	0.17	0.01	0.022	3.26	99.52
B904292 Dup	3.17	0.66	0.16	0.02	0.021	3.23	98.65
B904294 Orig							
B904294 Dup							
B904300 Orig							
B904300 Split PREP DUP							
B904303 Orig							
B904303 Dup							
B904307 Orig							
B904307 Dup							
B904310 Orig							
B904310 Split PREP DUP							
Method Blank							
Method Blank							
Method Blank							
Method Blank							
Method Blank							
Method Blank							
Method Blank							
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Report No.: A21-19086
Report Date: 15-Oct-21
Date Submitted: 12-Oct-21
Your Reference: Echo Ridge

Tashota Resources Inc
82 Richmond St East
Toronto On m5c1p1
Canada

ATTN: Colin Bowdidge

CERTIFICATE OF ANALYSIS

13 Rock samples were submitted for analysis.

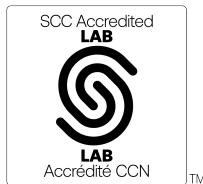
Table with 3 columns: Analytical package, Description, and Testing Date. Rows include 1A2-Tbay (QOP AA-Au), 1F2-Tbay (QOP Total), and their respective testing dates.

REPORT A21-19086

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.



LabID: 673

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
B904392	16	0.7	8.24	10	380	< 1	< 2	4.82	0.4	30	55	621	5.78	20	1.51	2.38	23	949	< 1	2.36	23	0.072	4
B904393	37	2.4	8.04	6	721	< 1	4	3.66	0.7	29	48	2500	5.70	21	2.32	2.20	28	826	2	2.26	22	0.070	< 3
B904394	< 5	< 0.3	7.89	6	405	< 1	< 2	4.88	0.3	21	63	62	5.37	19	1.42	2.33	24	1010	< 1	2.58	25	0.062	< 3
B904395	7	< 0.3	4.23	7	401	< 1	2	2.03	< 0.3	10	39	244	2.81	10	1.11	1.06	14	453	1	1.09	11	0.035	< 3
B904396	29	1.6	7.57	12	652	< 1	< 2	4.14	0.6	23	61	1230	5.46	20	1.61	2.23	26	924	< 1	2.72	21	0.064	4
B904397	558	31.6	5.71	49	136	< 1	25	4.90	6.5	83	29	> 10000	8.51	14	1.71	1.55	19	805	6	1.32	36	0.051	6
B904398	6	0.4	7.75	5	551	< 1	< 2	4.23	< 0.3	21	53	185	5.33	18	2.25	2.22	26	889	< 1	2.97	24	0.063	4
B904399	75	3.2	7.18	18	897	< 1	< 2	4.31	0.9	27	60	2580	5.68	20	2.33	2.10	30	856	2	1.58	22	0.063	4
B904400	516	7.6	7.40	67	117	< 1	24	3.47	2.3	45	59	7600	7.48	20	1.97	1.98	33	764	12	1.52	23	0.062	8
B904401	28	1.2	7.17	13	452	< 1	< 2	4.69	0.5	26	77	903	5.72	19	1.75	2.37	28	990	< 1	3.11	27	0.059	< 3
B904402	90	2.7	6.51	8	332	< 1	3	4.57	0.8	29	63	2880	5.64	18	1.38	2.20	25	984	9	3.50	23	0.063	< 3
B904403	46	1.2	7.59	6	342	< 1	2	4.58	0.5	23	57	774	5.36	18	1.19	2.23	24	930	2	3.52	27	0.064	< 3
B904404	6	0.3	7.95	< 3	518	< 1	< 2	4.23	< 0.3	19	36	62	5.03	19	1.44	1.93	23	955	< 1	3.03	18	0.066	4

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
B904392	6	0.66	21	699	10	0.37	< 5	< 10	195	< 5	16	60	35
B904393	< 5	0.61	19	492	5	0.36	< 5	< 10	183	7	15	115	41
B904394	< 5	0.08	21	607	12	0.23	< 5	< 10	130	< 5	16	73	38
B904395	< 5	0.10	10	234	4	0.19	< 5	< 10	97	< 5	8	40	27
B904396	< 5	0.40	17	383	9	0.35	< 5	< 10	175	< 5	14	103	51
B904397	< 5	4.92	13	157	3	0.24	< 5	< 10	130	8	11	506	38
B904398	< 5	0.20	19	302	8	0.23	< 5	< 10	146	< 5	15	94	42
B904399	< 5	0.88	18	177	4	0.34	< 5	< 10	178	7	13	135	50
B904400	5	2.80	19	146	12	0.33	< 5	< 10	177	11	11	281	52
B904401	< 5	0.51	20	325	< 2	0.33	< 5	< 10	180	6	14	94	53
B904402	< 5	0.64	17	262	10	0.33	< 5	< 10	174	14	13	101	53
B904403	< 5	0.40	20	332	17	0.34	< 5	< 10	169	5	15	93	62
B904404	< 5	0.09	17	524	7	0.28	< 5	< 10	144	< 5	16	76	62

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01	1	0.001	3	
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	
Oreas 72a (4 Acid) Meas				8						144	185	310	9.27								6330			
Oreas 72a (4 Acid) Cert				14.7						157	228	316	9.63								6930.000			
Oreas 72a (4 Acid) Meas				6						149	159	327	9.71								6240			
Oreas 72a (4 Acid) Cert				14.7						157	228	316	9.63								6930.000			
OREAS 98 (4 Acid) Meas		40.8					14			117		> 10000											315	
OREAS 98 (4 Acid) Cert		45.1					97.2			121		14800.0												345
OREAS 98 (4 Acid) Meas		41.8					33			118		> 10000												317
OREAS 98 (4 Acid) Cert		45.1					97.2			121		14800.0												345
SBC-1 Meas				26	816	3	4		0.7	23	82	31		27			166		2		87		31	
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0			163		2		83		35.0	
OREAS 96 (4 Acid) Meas		11.3					37			49		> 10000												92
OREAS 96 (4 Acid) Cert		11.5					26.3			49.9		39300												101
OREAS 96 (4 Acid) Meas		11.7					26			51		> 10000												96
OREAS 96 (4 Acid) Cert		11.5					26.3			49.9		39300												101
OREAS 923 (4 Acid) Meas		1.8	7.35	4	445	2	20	0.50	0.6	24	83	4640	6.77	18	2.16	1.79	34	1050	< 1	0.33	40	0.068	84	
OREAS 923 (4 Acid) Cert		1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3	2.51	1.69	31.4	950	0.930	0.324	35.8	0.0630	83.0	
OREAS 621 (4 Acid) Meas		72.0	6.57	68		2	< 2	2.11	287	31	33	4120	3.92	25	2.02	0.54	15	556	13	1.37	32	0.039	> 5000	
OREAS 621 (4 Acid) Cert		69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6	2.20	0.507	14.2	532	13.6	1.31	26.2	0.0359	13600	
OREAS 621 (4 Acid) Meas		72.0	6.66	74		2	4	2.12	291	31	33	3850	3.91	25	2.22	0.54	15	551	14	1.38	28	0.039	> 5000	
OREAS 621 (4 Acid) Cert		69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6	2.20	0.507	14.2	532	13.6	1.31	26.2	0.0359	13600	
Oreas 237 (Fire Assay) Meas	2260																							
Oreas 237 (Fire Assay) Cert	2210																							
Oreas 237 (Fire Assay) Meas	2290																							
Oreas 237 (Fire Assay) Cert	2210																							
Oreas E1336 (Fire Assay) Meas	509																							
Oreas E1336 (Fire Assay) Cert	510																							
Oreas E1336 (Fire Assay) Meas	515																							
Oreas E1336 (Fire Assay) Cert	510																							
OREAS 681 (4 Acid) Meas		0.3	7.47		409	1	< 2	5.64		48	1520	275	7.58	16	1.41	5.01	13	1350	< 1	1.50	458	0.138	8	
OREAS 681 (4 Acid) Cert		0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6	1.35	5.19	13.0	1310	1.38	1.61	503	0.141	10.2	

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
OREAS 247 (4 Acid) Meas		2.7	6.33	3180	582	2	3	0.90	< 0.3	13	96	45	3.47	16	2.54	1.28	34	412	< 1	0.51	52	0.049	32
OREAS 247 (4 Acid) Cert		2.16	6.08	3510	550	2.23	0.580	0.826	0.0650	12.0	97.0	42.2	3.32	16.3	2.45	1.22	31.8	360	1.76	0.499	45.9	0.0480	31.9
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	6	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	3	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank	< 5																						
Method Blank	< 5																						

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Oreas 72a (4 Acid) Meas		1.60											
Oreas 72a (4 Acid) Cert		1.74											
Oreas 72a (4 Acid) Meas		1.67											
Oreas 72a (4 Acid) Cert		1.74											
OREAS 98 (4 Acid) Meas	7	14.9										1300	
OREAS 98 (4 Acid) Cert	20.1	15.5										1360	
OREAS 98 (4 Acid) Meas	9	15.2										1290	
OREAS 98 (4 Acid) Cert	20.1	15.5										1360	
SBC-1 Meas	< 5		20	195		0.51	< 5	< 10	233	6	33	189	118
SBC-1 Cert	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0
OREAS 96 (4 Acid) Meas	< 5	4.12										440	
OREAS 96 (4 Acid) Cert	5.09	4.19										457	
OREAS 96 (4 Acid) Meas	< 5	4.22										444	
OREAS 96 (4 Acid) Cert	5.09	4.19										457	
OREAS 923 (4 Acid) Meas	< 5	0.72	13	49		0.45	< 5	< 10	104	8	28	355	135
OREAS 923 (4 Acid) Cert	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116
OREAS 621 (4 Acid) Meas	20	4.71	6	78		0.20	< 5	< 10	38	< 5	13	> 10000	173
OREAS 621 (4 Acid) Cert	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168
OREAS 621 (4 Acid) Meas	20	4.71	7	81		0.20	< 5	< 10	37	< 5	13	> 10000	176
OREAS 621 (4 Acid) Cert	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168
Oreas 237 (Fire Assay) Meas													
Oreas 237 (Fire Assay) Cert													
Oreas 237 (Fire Assay) Meas													
Oreas 237 (Fire Assay) Cert													
Oreas E1336 (Fire Assay) Meas													
Oreas E1336 (Fire Assay) Cert													
Oreas E1336 (Fire Assay) Meas													
Oreas E1336 (Fire Assay) Cert													
OREAS 681 (4 Acid) Meas	< 5	0.10	26	459		0.59		< 10	254	< 5	16	80	62
OREAS 681 (4 Acid) Cert	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
OREAS 247 (4 Acid) Meas	299	0.74	12	109		0.39	< 5	< 10	73	< 5	19	86	131
OREAS 247 (4 Acid) Cert	3300	0.714	11.4	96.0		0.390	0.800	2.53	82.0	7.88	13.1	86.0	125
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	3	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	2	< 5
Method Blank													
Method Blank													



Report No.: A21-19086-Final2
Report Date: 19-Oct-21
Date Submitted: 12-Oct-21
Your Reference: Echo Ridge

Tashota Resources Inc
82 Richmond St East
Toronto On m5c1p1
Canada

ATTN: Colin Bowdidge

CERTIFICATE OF ANALYSIS

13 Rock samples were submitted for analysis.

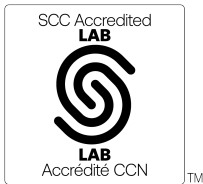
Table with 3 columns: Analytical package(s) requested, Testing Date, and Assays. Rows include 1A2-Tbay, 1F2-Tbay, and 8-4 Acid-Tbay Total Digestion.

REPORT A21-19086-Final2

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.



LabID: 673

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Cu
Unit Symbol	%
Lower Limit	0.001
Method Code	4Acid ICPOE S
B904397	2.50

Analyte Symbol	Cu
Unit Symbol	%
Lower Limit	0.001
Method Code	4Acid ICPOE S
MP-1b Meas	3.05
MP-1b Cert	3.07
OREAS 98 (4 Acid) Meas	14.7
OREAS 98 (4 Acid) Cert	14.8
OREAS 96 (4 Acid) Meas	3.86
OREAS 96 (4 Acid) Cert	3.93
Method Blank	< 0.001



Tashota Resources Inc
 82 Richmond St East
 Toronto On m5c1p1
 Canada

Report No.: A21-19089
 Report Date: 04-Nov-21
 Date Submitted: 12-Oct-21
 Your Reference: Echo Ridge

ATTN: Colin Bowdidge

CERTIFICATE OF ANALYSIS

47 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay	QOP AA-Au (Au - Fire Assay AA)	2021-10-16 13:55:35
1F2-Tbay	QOP Total (Total Digestion ICPOES)	2021-10-20 19:45:27

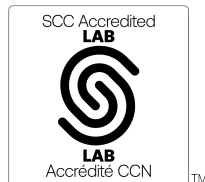
REPORT **A21-19089**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.



LabID: 673

ACTIVATION LABORATORIES LTD.
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 E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé , Ph.D.
 Quality Control Coordinator

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
B904375	< 5	0.88	16	384	2	0.34	< 5	< 10	152	7	14	151	56
B904376	< 5	1.43	14	264	2	0.29	< 5	< 10	137	11	10	169	45
B904377	< 5	0.40	16	729	8	0.32	< 5	< 10	147	< 5	15	71	52
B904378	< 5	0.66	14	487	9	0.31	< 5	< 10	141	6	13	79	55
B904379	< 5	0.13	12	539	9	0.33	< 5	< 10	149	< 5	12	64	67
B904380	< 5	0.14	15	567	5	0.29	< 5	< 10	140	< 5	14	61	63
B904381	< 5	0.39	14	490	12	0.30	< 5	< 10	136	< 5	12	57	64
B904382	< 5	0.45	14	532	7	0.30	< 5	< 10	126	< 5	12	60	61
B904383	< 5	0.94	13	451	9	0.27	< 5	< 10	119	6	12	76	37
B904384	< 5	1.16	13	420	2	0.29	< 5	< 10	129	18	12	95	36
B904385	< 5	0.41	14	419	< 2	0.31	< 5	< 10	132	< 5	13	51	34
B904386	< 5	1.09	13	446	2	0.33	< 5	< 10	145	9	12	79	32
B904387	< 5	0.36	13	614	5	0.33	< 5	< 10	146	< 5	12	46	29
B904388	< 5	0.14	15	786	2	0.32	< 5	< 10	140	< 5	14	44	27
B904389	< 5	0.10	12	592	7	0.31	< 5	< 10	141	< 5	12	43	32
B904390	< 5	0.17	18	646	9	0.31	< 5	< 10	165	< 5	15	59	34
B904391	< 5	0.25	18	594	6	0.28	< 5	< 10	160	< 5	14	61	33
B904405	< 5	0.09	17	524	7	0.23	< 5	< 10	127	< 5	15	74	49
B904406	< 5	0.18	18	569	2	0.29	< 5	< 10	152	< 5	15	80	52
B904407	< 5	0.13	18	673	5	0.25	< 5	< 10	138	< 5	15	80	47
B904408	< 5	0.18	17	588	< 2	0.32	< 5	< 10	157	< 5	14	91	49
B904409	< 5	0.10	18	582	7	0.35	< 5	< 10	168	< 5	15	81	51
B904410	< 5	0.07	17	617	2	0.35	< 5	< 10	174	< 5	14	72	42
B904411	< 5	0.23	17	388	< 2	0.35	< 5	< 10	179	< 5	13	80	45
B904412	< 5	0.57	6	119	< 2	0.12	< 5	< 10	57	< 5	5	26	22
B904413	< 5	0.03	11	520	8	0.33	< 5	< 10	159	< 5	10	68	51
B904414	< 5	0.23	18	554	7	0.30	< 5	< 10	155	< 5	14	70	51
B904415	< 5	0.15	18	680	3	0.17	< 5	< 10	113	< 5	16	73	35
B904416	< 5	0.16	20	591	4	0.24	< 5	< 10	145	< 5	16	75	39
B904417	< 5	0.41	21	527	10	0.34	< 5	< 10	174	< 5	15	81	41
B904418	< 5	0.32	20	599	5	0.39	< 5	< 10	182	< 5	17	73	49
B904419	< 5	0.04	15	629	5	0.35	< 5	< 10	157	< 5	13	72	43
B904420	< 5	0.47	16	525	< 2	0.39	< 5	< 10	168	< 5	14	82	64
B904421	< 5	0.11	18	645	4	0.35	< 5	< 10	155	< 5	16	80	62
B904422	< 5	0.20	18	644	3	0.33	< 5	< 10	165	< 5	18	81	67
B904423	< 5	0.07	19	713	6	0.16	< 5	< 10	90	< 5	17	87	39
B904424	< 5	0.10	17	807	< 2	0.25	< 5	< 10	123	< 5	17	80	55
B904425	< 5	0.23	16	1040	2	0.30	< 5	< 10	141	< 5	16	81	71
B904426	< 5	0.33	7	4000	< 2	0.29	< 5	< 10	111	< 5	50	134	286
B904427	< 5	0.22	17	958	< 2	0.36	< 5	< 10	159	< 5	18	81	78
B904428	< 5	0.09	18	850	< 2	0.32	< 5	< 10	146	< 5	18	80	67
B904429	< 5	0.19	12	581	< 2	0.37	< 5	< 10	161	< 5	11	77	71
B904430	< 5	0.52	8	361	2	0.28	< 5	< 10	101	18	7	58	57
B904431	< 5	0.50	5	474	5	0.24	< 5	< 10	75	< 5	6	55	56
B904432	< 5	0.70	11	565	6	0.33	< 5	< 10	118	9	9	68	68
B904433	< 5	0.18	18	778	< 2	0.19	< 5	< 10	114	< 5	16	76	32
B904434	< 5	0.21	17	756	< 2	0.25	< 5	< 10	125	< 5	18	70	48

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01	1	0.001	3	
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	
Oreas 72a (4 Acid) Meas				3						148	194	302	9.75									6130		
Oreas 72a (4 Acid) Cert				14.7						157	228	316	9.63									6930.000		
Oreas 72a (4 Acid) Meas				< 3						156	179	329	9.85									6650		
Oreas 72a (4 Acid) Cert				14.7						157	228	316	9.63									6930.000		
Oreas 72a (4 Acid) Meas				4						152	165	318	9.69									6320		
Oreas 72a (4 Acid) Cert				14.7						157	228	316	9.63									6930.000		
OREAS 98 (4 Acid) Meas		45.6					< 2			125		> 10000											341	
OREAS 98 (4 Acid) Cert		45.1					97.2			121		14800.0												345
OREAS 98 (4 Acid) Meas		44.7					31			123		> 10000												341
OREAS 98 (4 Acid) Cert		45.1					97.2			121		14800.0												345
OREAS 98 (4 Acid) Meas		44.4					38			118		> 10000												303
OREAS 98 (4 Acid) Cert		45.1					97.2			121		14800.0												345
OREAS 904 (4 Acid) Meas		0.6	6.84	89	218	10	< 2	0.05		98	72	6380	7.21	17	3.04	0.62	17	457	2	0.04	46	0.101	10	
OREAS 904 (4 Acid) Cert		0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7	3.31	0.556	16.7	410	2.12	0.0340	40.1	0.0980	10.6	
OREAS 904 (4 Acid) Meas		0.6	6.36	73	220	10	< 2	0.05		93	55	6080	6.56	14	2.02	0.59	16	459	< 1	0.04	45	0.093	10	
OREAS 904 (4 Acid) Cert		0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7	3.31	0.556	16.7	410	2.12	0.0340	40.1	0.0980	10.6	
OREAS 904 (4 Acid) Meas		0.5	6.59	78	226	10	< 2	0.05		97	56	6250	6.83	16	2.24	0.61	17	453	1	0.04	44	0.095	14	
OREAS 904 (4 Acid) Cert		0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7	3.31	0.556	16.7	410	2.12	0.0340	40.1	0.0980	10.6	
SBC-1 Meas				12	552	3	< 2		< 0.3	22	110	31		28			164		1		87		34	
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0			163		2		83		35.0	
SBC-1 Meas				17	634	3	3		< 0.3	22	82	31		27			160		1		85		28	
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0			163		2		83		35.0	
SBC-1 Meas				32	598	3	< 2		0.4	23	83	31		26			161		2		82		28	
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0			163		2		83		35.0	
SBC-1 Meas				26	508	4	< 2		0.5	23	73	29		25			156		2		83		30	
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0		27.0			163		2		83		35.0	
OREAS 96 (4 Acid) Meas		12.0					4			53		> 10000											100	
OREAS 96 (4 Acid) Cert		11.5					26.3			49.9		39300											101	
OREAS 96 (4 Acid) Meas		11.8					< 2			52		> 10000											101	
OREAS 96 (4 Acid) Cert		11.5					26.3			49.9		39300											101	
OREAS 96 (4 Acid) Meas		11.5					10			50		> 10000											94	
OREAS 96 (4 Acid) Cert		11.5					26.3			49.9		39300											101	
OREAS 923 (4		1.9	7.56	3	448	3	23	0.50	0.4	24	159	4540	6.79	19	2.59	1.81	32	1010	< 1	0.33	43	0.066	94	

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Acid) Meas																							
OREAS 923 (4 Acid) Cert		1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3	2.51	1.69	31.4	950	0.930	0.324	35.8	0.0630	83.0
OREAS 923 (4 Acid) Meas		2.3	7.36	6	458	3	27	0.48	0.5	24	73	4300	6.52	18	2.42	1.75	31	1000	< 1	0.32	39	0.066	86
OREAS 923 (4 Acid) Cert		1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3	2.51	1.69	31.4	950	0.930	0.324	35.8	0.0630	83.0
OREAS 923 (4 Acid) Meas		2.2	7.45	9	454	3	18	0.50	0.4	25	75	4340	6.53	19	1.70	1.83	31	1010	< 1	0.32	40	0.066	90
OREAS 923 (4 Acid) Cert		1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	23.1	71.0	4230	6.43	20.3	2.51	1.69	31.4	950	0.930	0.324	35.8	0.0630	83.0
OREAS 621 (4 Acid) Meas		1.3	5.80	6		2	6	1.79	290	31	51	3900	3.86	25	2.24	0.39	14	600	15	1.31	32	0.040	787
OREAS 621 (4 Acid) Cert		69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6	2.20	0.507	14.2	532	13.6	1.31	26.2	0.0359	13600
OREAS 621 (4 Acid) Meas		74.8	7.02	61		2	3	2.15	297	32	38	3870	4.05	25	2.11	0.56	15	506	14	1.39	34	0.039	> 5000
OREAS 621 (4 Acid) Cert		69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6	2.20	0.507	14.2	532	13.6	1.31	26.2	0.0359	13600
OREAS 621 (4 Acid) Meas		74.0	6.99	62		2	< 2	2.14	294	32	41	3880	4.01	27	2.44	0.55	15	512	14	1.37	29	0.040	> 5000
OREAS 621 (4 Acid) Cert		69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6	2.20	0.507	14.2	532	13.6	1.31	26.2	0.0359	13600
OREAS 621 (4 Acid) Meas		72.6	6.53	62		2	11	2.07	262	31	31	3490	3.75	24	1.77	0.53	14	500	12	1.24	26	0.037	> 5000
OREAS 621 (4 Acid) Cert		69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6	2.20	0.507	14.2	532	13.6	1.31	26.2	0.0359	13600
Oreas 237 (Fire Assay) Meas	2260																						
Oreas 237 (Fire Assay) Cert	2210																						
Oreas 237 (Fire Assay) Meas	2270																						
Oreas 237 (Fire Assay) Cert	2210																						
Oreas E1336 (Fire Assay) Meas	527																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	530																						
Oreas E1336 (Fire Assay) Cert	510																						
OREAS 681 (4 Acid) Meas		0.4	5.50		375	1	< 2	4.60		48	705	268	7.30	15	1.39	3.60	9	1310	< 1	1.34	482	0.146	7
OREAS 681 (4 Acid) Cert		0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6	1.35	5.19	13.0	1310	1.38	1.61	503	0.141	10.2
OREAS 681 (4 Acid) Meas		0.4	7.70		415	1	< 2	5.48		47	1880	253	7.54	17	1.37	5.03	13	1250	< 1	1.56	452	0.135	4
OREAS 681 (4 Acid) Cert		0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6	1.35	5.19	13.0	1310	1.38	1.61	503	0.141	10.2
OREAS 681 (4 Acid) Meas		< 0.3	8.06		425	1	< 2	5.88		51	1560	269	7.71	14	1.44	5.35	13	1340	< 1	1.46	477	0.128	8
OREAS 681 (4 Acid) Cert		0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6	1.35	5.19	13.0	1310	1.38	1.61	503	0.141	10.2
OREAS 681 (4 Acid) Meas		0.3	7.96		423	1	< 2	6.06		50	1680	262	7.58	14	1.41	5.36	13	1370	< 1	1.46	484	0.130	8
OREAS 681 (4 Acid) Cert		0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6	1.35	5.19	13.0	1310	1.38	1.61	503	0.141	10.2

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Acid) Cert																							
OREAS 247 (4 Acid) Meas		2.4	6.50	2980	504	3	< 2	0.88	< 0.3	14	94	43	3.48	15	1.92	1.31	32	393	< 1	0.49	49	0.048	31
OREAS 247 (4 Acid) Cert		2.16	6.08	3510	550	2.23	0.580	0.826	0.0650	12.0	97.0	42.2	3.32	16.3	2.45	1.22	31.8	360	1.76	0.499	45.9	0.0480	31.9
OREAS 247 (4 Acid) Meas		2.5	6.17	2750	469	3	< 2	0.88	< 0.3	14	87	42	3.29	15	1.51	1.28	32	394	< 1	0.47	47	0.043	30
OREAS 247 (4 Acid) Cert		2.16	6.08	3510	550	2.23	0.580	0.826	0.0650	12.0	97.0	42.2	3.32	16.3	2.45	1.22	31.8	360	1.76	0.499	45.9	0.0480	31.9
OREAS 247 (4 Acid) Meas		2.6	6.29	2850	495	3	< 2	1.01	< 0.3	16	103	45	3.56	15	1.45	1.35	32	462	< 1	0.50	50	0.047	32
OREAS 247 (4 Acid) Cert		2.16	6.08	3510	550	2.23	0.580	0.826	0.0650	12.0	97.0	42.2	3.32	16.3	2.45	1.22	31.8	360	1.76	0.499	45.9	0.0480	31.9
B904384 Orig	87																						
B904384 Dup	87																						
B904385 Orig		0.3	8.02	11	876	< 1	< 2	4.44	< 0.3	16	23	185	4.32	16	2.39	1.60	19	714	< 1	2.00	9	0.074	5
B904385 Dup		< 0.3	8.03	13	865	< 1	< 2	4.39	< 0.3	16	25	181	4.28	17	2.40	1.58	19	704	1	1.98	10	0.074	4
B904407 Orig	14																						
B904407 Dup	15																						
B904417 Orig	18	0.5	8.23	12	649	< 1	< 2	4.40	< 0.3	26	46	342	5.89	18	2.12	2.28	28	982	< 1	2.08	22	0.070	< 3
B904417 Dup	16	0.4	8.48	8	665	< 1	< 2	4.46	< 0.3	26	43	357	6.05	19	2.11	2.35	28	987	< 1	2.14	21	0.073	< 3
B904432 Dup	96																						
B904434 Orig	8	< 0.3	8.84	12	313	< 1	< 2	4.32	< 0.3	18	28	99	5.06	20	1.23	1.82	18	888	< 1	2.94	15	0.072	4
B904434 Split PREP DUP	8	< 0.3	8.82	7	313	< 1	< 2	4.33	< 0.3	18	27	98	5.05	20	1.22	1.82	18	890	< 1	2.95	14	0.073	6
Method Blank	5																						
Method Blank	5																						
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	< 1	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1	< 1	< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	8	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1	< 1	< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	5	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1	< 1	< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	9	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1	< 1	< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	4	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1	< 1	< 1	< 0.01	1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	4	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1	< 1	< 1	< 0.01	2	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	2	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1	< 1	< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	< 1	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1	1	< 1	< 0.01	< 1	< 0.001	7

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Oreas 72a (4 Acid) Meas		1.61											
Oreas 72a (4 Acid) Cert		1.74											
Oreas 72a (4 Acid) Meas		1.75											
Oreas 72a (4 Acid) Cert		1.74											
Oreas 72a (4 Acid) Meas		1.72											
Oreas 72a (4 Acid) Cert		1.74											
OREAS 98 (4 Acid) Meas	15	15.6										1390	
OREAS 98 (4 Acid) Cert	20.1	15.5										1360	
OREAS 98 (4 Acid) Meas	10	15.5										1350	
OREAS 98 (4 Acid) Cert	20.1	15.5										1360	
OREAS 98 (4 Acid) Meas	7	16.2										1260	
OREAS 98 (4 Acid) Cert	20.1	15.5										1360	
OREAS 904 (4 Acid) Meas	< 5	0.06	12	31			< 5	< 10	84	< 5	35	29	79
OREAS 904 (4 Acid) Cert	1.48	0.0630	11.2	27.2			0.520	8.43	76.0	2.12	31.5	26.3	171
OREAS 904 (4 Acid) Meas	< 5	0.06	12	31			< 5	< 10	73	< 5	36	27	48
OREAS 904 (4 Acid) Cert	1.48	0.0630	11.2	27.2			0.520	8.43	76.0	2.12	31.5	26.3	171
OREAS 904 (4 Acid) Meas	< 5	0.06	12	32			< 5	< 10	74	< 5	37	28	35
OREAS 904 (4 Acid) Cert	1.48	0.0630	11.2	27.2			0.520	8.43	76.0	2.12	31.5	26.3	171
SBC-1 Meas	< 5		17	165		0.39	< 5	< 10	239	< 5	21	212	94
SBC-1 Cert	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0
SBC-1 Meas	< 5		20	192		0.53	< 5	< 10	234	< 5	33	201	123
SBC-1 Cert	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0
SBC-1 Meas	< 5		18	187		0.54	< 5	< 10	228	< 5	27	188	107
SBC-1 Cert	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0
SBC-1 Meas	< 5		19	184		0.54	< 5	< 10	234	< 5	29	191	112
SBC-1 Cert	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0
OREAS 96 (4 Acid) Meas	< 5	4.49											483
OREAS 96 (4 Acid) Cert	5.09	4.19											457
OREAS 96 (4 Acid) Meas	< 5	4.42											473
OREAS 96 (4 Acid) Cert	5.09	4.19											457
OREAS 96 (4 Acid) Meas	< 5	4.40											435
OREAS 96 (4 Acid) Cert	5.09	4.19											457
OREAS 923 (4	< 5	0.73	13	46		0.45	< 5	< 10	102	9	27	369	132

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Acid) Meas													
OREAS 923 (4 Acid) Cert	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116
OREAS 923 (4 Acid) Meas	< 5	0.72	13	46		0.45	< 5	< 10	100	9	27	348	131
OREAS 923 (4 Acid) Cert	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116
OREAS 923 (4 Acid) Meas	< 5	0.73	13	47		0.45	< 5	< 10	101	8	27	352	135
OREAS 923 (4 Acid) Cert	1.29	0.691	13.1	43.0		0.405	0.860	3.06	91.0	4.85	26.4	345	116
OREAS 621 (4 Acid) Meas	148	4.47	5	27		0.11	< 5	< 10	37	< 5	8	> 10000	163
OREAS 621 (4 Acid) Cert	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168
OREAS 621 (4 Acid) Meas	17	4.87	7	81		0.21	< 5	< 10	38	< 5	13	> 10000	181
OREAS 621 (4 Acid) Cert	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168
OREAS 621 (4 Acid) Meas	25	4.93	7	79		0.20	< 5	< 10	38	< 5	14	> 10000	180
OREAS 621 (4 Acid) Cert	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168
OREAS 621 (4 Acid) Meas	24	4.66	6	76		0.20	< 5	< 10	36	< 5	12	> 10000	167
OREAS 621 (4 Acid) Cert	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168
Oreas 237 (Fire Assay) Meas													
Oreas 237 (Fire Assay) Cert													
Oreas 237 (Fire Assay) Meas													
Oreas 237 (Fire Assay) Cert													
Oreas E1336 (Fire Assay) Meas													
Oreas E1336 (Fire Assay) Cert													
Oreas E1336 (Fire Assay) Meas													
Oreas E1336 (Fire Assay) Cert													
OREAS 681 (4 Acid) Meas	< 5	0.11	18	387		0.63		< 10	255	< 5	12	80	46
OREAS 681 (4 Acid) Cert	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0
OREAS 681 (4 Acid) Meas	< 5	0.10	25	454		0.59		< 10	251	< 5	16	78	63
OREAS 681 (4 Acid) Cert	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0
OREAS 681 (4 Acid) Meas	< 5	0.11	27	455		0.34		< 10	192	< 5	17	85	40
OREAS 681 (4 Acid) Cert	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0
OREAS 681 (4 Acid) Meas	< 5	0.11	27	453		0.29		< 10	181	< 5	17	83	46
OREAS 681 (4 Acid) Cert	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Acid) Cert													
OREAS 247 (4 Acid) Meas	303	0.73	12	104		0.39	< 5	< 10	75	< 5	19	88	122
OREAS 247 (4 Acid) Cert	3300	0.714	11.4	96.0		0.390	0.800	2.53	82.0	7.88	13.1	86.0	125
OREAS 247 (4 Acid) Meas	316	0.71	12	104		0.36	< 5	< 10	74	< 5	19	86	121
OREAS 247 (4 Acid) Cert	3300	0.714	11.4	96.0		0.390	0.800	2.53	82.0	7.88	13.1	86.0	125
OREAS 247 (4 Acid) Meas	193	0.75	12	106		0.39	< 5	< 10	80	< 5	19	89	125
OREAS 247 (4 Acid) Cert	3300	0.714	11.4	96.0		0.390	0.800	2.53	82.0	7.88	13.1	86.0	125
B904384 Orig													
B904384 Dup													
B904385 Orig	< 5	0.41	14	420	8	0.30	< 5	< 10	128	< 5	13	50	34
B904385 Dup	< 5	0.41	14	418	< 2	0.31	< 5	< 10	135	6	13	52	34
B904407 Orig													
B904407 Dup													
B904417 Orig	< 5	0.40	21	525	13	0.33	< 5	< 10	168	< 5	15	81	42
B904417 Dup	< 5	0.41	21	528	8	0.36	< 5	< 10	179	< 5	16	81	41
B904432 Dup													
B904434 Orig	< 5	0.21	17	756	< 2	0.25	< 5	< 10	125	< 5	18	70	48
B904434 Split PREP DUP	5	0.21	17	760	< 2	0.31	< 5	< 10	138	< 5	18	69	52
Method Blank													
Method Blank													
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	2	< 5



Report No.: A21-22231
Report Date: 07-Dec-21
Date Submitted: 29-Nov-21
Your Reference: Echo Ridge

Tashota Resources Inc
82 Richmond St East
Toronto On m5c1p1
Canada

ATTN: Colin Bowdidge

CERTIFICATE OF ANALYSIS

61 Core samples were submitted for analysis.

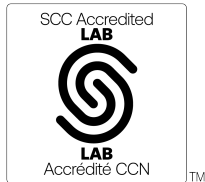
Table with 3 columns: Analytical package, Test Name, and Testing Date. Rows include 1A2-Tbay (QOP AA-Au), 1F2-Tbay (QOP Total), and their respective testing dates.

REPORT A21-22231

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.



LabID: 673

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CERTIFIED BY:

[Handwritten signature]

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Results

Activation Laboratories Ltd.

Report: A21-22231

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
904152	7	0.5	8.29	7	631	< 1	< 2	4.98	< 0.3	20	22	254	5.56	20	1.69	2.04	25	1040	< 1	2.41	14	0.076	6
904153	< 5	0.5	8.41	6	479	< 1	< 2	4.10	< 0.3	18	31	134	4.90	19	1.54	1.88	21	878	< 1	2.91	15	0.071	6
904154	< 5	< 0.3	6.03	13	340	< 1	2	4.21	< 0.3	18	28	152	4.92	20	0.89	1.76	17	947	1	2.84	10	0.069	4
904155	18	1.3	7.87	14	641	< 1	< 2	4.32	0.4	23	39	1040	5.51	20	1.48	2.11	20	1010	< 1	2.43	19	0.072	4
904156	15	1.5	7.45	13	531	< 1	< 2	4.34	< 0.3	21	21	880	5.26	19	1.67	1.90	23	931	< 1	2.52	13	0.070	4
904157	23	1.4	8.12	19	706	< 1	< 2	4.00	0.3	22	24	828	5.00	19	2.01	1.99	25	862	< 1	2.43	15	0.074	6
904158	9	0.5	8.33	9	482	< 1	< 2	4.57	< 0.3	19	26	291	5.20	20	1.64	1.96	24	923	< 1	2.55	13	0.074	7
904159	5	0.6	8.40	9	441	< 1	< 2	4.74	< 0.3	18	20	52	5.41	22	1.59	2.07	23	949	< 1	2.52	14	0.076	6
904160	61	2.2	8.34	34	269	< 1	2	2.92	0.6	30	60	1740	6.21	22	2.18	2.62	43	817	3	1.56	26	0.077	< 3
904161	18	0.6	8.49	15	865	< 1	2	2.49	< 0.3	20	39	402	5.26	22	1.88	1.99	28	721	2	2.24	19	0.077	5

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
904101	< 5	0.40	18	563	4	0.31	< 5	< 10	147	< 5	14	73	40
904102	< 5	0.17	19	608	< 2	0.23	< 5	< 10	130	< 5	15	67	33
904103	< 5	0.12	19	661	8	0.27	< 5	< 10	143	< 5	16	75	37
904104	< 5	0.40	19	695	< 2	0.34	< 5	< 10	167	6	15	90	36
904105	< 5	0.11	19	717	< 2	0.32	< 5	< 10	162	< 5	15	76	39
904106	< 5	0.40	17	396	12	0.34	< 5	< 10	160	< 5	14	69	39
904107	< 5	0.46	18	325	< 2	0.34	< 5	< 10	174	7	13	115	37
904108	< 5	0.27	16	455	7	0.36	< 5	< 10	168	< 5	13	79	42
904109	< 5	1.50	13	592	< 2	0.34	< 5	< 10	160	6	11	244	47
904110	< 5	0.37	17	536	7	0.35	< 5	< 10	176	< 5	14	88	47
904111	< 5	1.00	19	354	< 2	0.35	< 5	< 10	181	9	14	111	51
904112	< 5	2.64	18	210	6	0.36	< 5	< 10	178	28	11	276	50
904113	< 5	0.78	20	278	12	0.35	< 5	< 10	189	6	13	102	53
904114	< 5	0.81	18	432	11	0.33	< 5	< 10	164	< 5	13	90	49
904115	< 5	0.10	19	662	9	0.33	< 5	< 10	161	< 5	15	77	53
904116	< 5	0.13	19	595	< 2	0.36	< 5	< 10	172	< 5	15	77	45
904117	< 5	0.05	21	604	16	0.28	< 5	< 10	144	< 5	15	84	45
904118	< 5	0.09	15	584	< 2	0.36	< 5	< 10	190	9	11	94	51
904119	< 5	0.05	21	583	8	0.35	< 5	< 10	179	< 5	15	81	60
904120	< 5	0.20	18	506	< 2	0.32	< 5	< 10	165	< 5	14	83	58
904121	< 5	0.28	20	548	< 2	0.22	< 5	< 10	138	< 5	15	95	43
904122	< 5	0.25	22	645	8	0.22	< 5	< 10	147	< 5	15	80	39
904123	< 5	0.13	22	577	13	0.31	< 5	< 10	177	< 5	15	78	44
904124	< 5	0.15	20	622	< 2	0.28	< 5	< 10	151	< 5	15	73	39
904125	< 5	0.20	19	632	4	0.31	< 5	< 10	156	< 5	15	73	44
904126	< 5	0.20	18	785	< 2	0.33	< 5	< 10	168	< 5	14	78	53
904127	< 5	0.39	18	619	3	0.32	< 5	< 10	161	< 5	14	75	48
904128	< 5	0.26	11	2020	5	0.35	< 5	< 10	132	< 5	30	103	261
904129	< 5	0.16	14	2400	7	0.27	< 5	< 10	143	< 5	30	90	106
904130	< 5	0.26	18	856	< 2	0.28	< 5	< 10	150	< 5	15	76	54
904131	< 5	0.15	20	668	10	0.21	< 5	< 10	131	< 5	15	85	46
904132	< 5	0.27	19	552	< 2	0.24	< 5	< 10	138	< 5	15	83	44
904133	< 5	0.32	20	557	< 2	0.31	< 5	< 10	168	< 5	15	82	43
904134	< 5	0.36	24	468	5	0.39	< 5	< 10	185	< 5	17	89	33
904135	< 5	0.12	18	574	10	0.18	< 5	< 10	107	< 5	15	71	33
904136	< 5	0.10	19	590	< 2	0.25	< 5	< 10	130	< 5	15	71	41
904137	< 5	0.35	19	626	< 2	0.30	< 5	< 10	158	< 5	15	68	43
904138	< 5	0.51	16	498	< 2	0.36	< 5	< 10	163	< 5	13	59	49
904139	< 5	0.28	16	651	< 2	0.21	< 5	< 10	116	< 5	14	62	34
904140	< 5	0.35	17	846	4	0.31	< 5	< 10	145	< 5	18	79	80
904141	< 5	1.23	20	442	12	0.40	< 5	< 10	193	6	14	98	58
904142	< 5	0.61	18	691	9	0.41	< 5	< 10	176	< 5	16	71	55
904143	< 5	0.26	16	664	5	0.33	< 5	< 10	159	< 5	16	80	48
904144	< 5	0.18	19	683	< 2	0.24	< 5	< 10	130	< 5	17	85	47
904145	< 5	0.28	11	659	9	0.41	< 5	< 10	184	< 5	12	83	64
904146	< 5	0.32	19	567	9	0.37	< 5	< 10	167	< 5	17	84	72
904147	< 5	0.09	19	729	3	0.34	< 5	< 10	162	< 5	18	87	69
904148	< 5	0.09	20	658	10	0.17	< 5	< 10	109	< 5	18	89	46
904149	< 5	0.08	19	688	13	0.18	< 5	< 10	101	< 5	17	87	47
904150	< 5	0.61	18	531	4	0.39	< 5	< 10	167	< 5	15	113	70
904151	< 5	0.29	19	674	5	0.27	< 5	< 10	147	< 5	17	89	55

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
904152	< 5	0.22	18	567	9	0.32	< 5	< 10	155	< 5	17	85	68
904153	< 5	0.10	17	593	7	0.27	< 5	< 10	130	< 5	16	77	77
904154	< 5	0.08	10	632	10	0.37	< 5	< 10	159	< 5	10	80	70
904155	< 5	0.34	17	557	7	0.39	< 5	< 10	176	< 5	14	96	65
904156	< 5	0.41	15	614	6	0.37	< 5	< 10	160	< 5	14	88	61
904157	< 5	0.32	17	574	< 2	0.35	< 5	< 10	153	< 5	15	89	57
904158	< 5	0.18	17	724	< 2	0.20	< 5	< 10	114	< 5	16	81	33
904159	< 5	0.13	18	773	5	0.15	< 5	< 10	98	< 5	16	75	27
904160	< 5	1.08	21	352	7	0.42	< 5	< 10	196	6	15	97	58
904161	< 5	0.34	17	476	8	0.40	< 5	< 10	158	5	14	73	67

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Oreas 72a (4 Acid) Meas				8						143	212	305	9.32									5990	
Oreas 72a (4 Acid) Cert				14.7						157	228	316	9.63									6930.000	
Oreas 72a (4 Acid) Meas				< 3						146	197	314	9.61									6040	
Oreas 72a (4 Acid) Cert				14.7						157	228	316	9.63									6930.000	
OREAS 98 (4 Acid) Meas		41.8					< 2			117		> 10000											306
OREAS 98 (4 Acid) Cert		45.1					97.2			121		14800.0											345
OREAS 98 (4 Acid) Meas		40.9					< 2			115		> 10000											311
OREAS 98 (4 Acid) Cert		45.1					97.2			121		14800.0											345
OREAS 904 (4 Acid) Meas		0.8	6.76	95	221	9	< 2	0.05		98	68	6410	7.15	17	2.54	0.63	17	462	3	0.04	47	0.099	10
OREAS 904 (4 Acid) Cert		0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7	3.31	0.556	16.7	410	2.12	0.0340	40.1	0.0980	10.6
OREAS 904 (4 Acid) Meas		1.1	6.62	99	172	9	< 2	0.05		96	62	6190	6.99	17	1.93	0.61	16	467	4	0.04	43	0.104	8
OREAS 904 (4 Acid) Cert		0.551	6.30	98.0	194	7.86	4.05	0.0460		83.0	54.0	6120	6.68	16.7	3.31	0.556	16.7	410	2.12	0.0340	40.1	0.0980	10.6
OREAS 96 (4 Acid) Meas		11.5					8			51		> 10000											95
OREAS 96 (4 Acid) Cert		11.5					26.3			49.9		39300											101
OREAS 96 (4 Acid) Meas		11.4					< 2			50		> 10000											94
OREAS 96 (4 Acid) Cert		11.5					26.3			49.9		39300											101
OREAS 621 (4 Acid) Meas		72.9	6.38	66		2	< 2	2.07	297	31	36	3760	3.86	25	2.39	0.55	14	525	14	1.38	28	0.037	> 5000
OREAS 621 (4 Acid) Cert		69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6	2.20	0.507	14.2	532	13.6	1.31	26.2	0.0359	13600
OREAS 621 (4 Acid) Meas		69.3	6.39	63		2	< 2	2.01	280	30	36	3600	3.71	24	2.23	0.53	14	498	13	1.32	27	0.036	> 5000
OREAS 621 (4 Acid) Cert		69.0	6.40	77.0		1.69	3.93	1.97	284	29.3	37.1	3630	3.70	24.6	2.20	0.507	14.2	532	13.6	1.31	26.2	0.0359	13600
OREAS 238 (Fire Assay) Meas	3050																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3190																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3000																						
OREAS 238 (Fire Assay) Cert	3030																						
Oreas E1336 (Fire Assay) Meas	506																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	500																						

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	496																						
Oreas E1336 (Fire Assay) Cert	510																						
OREAS 681 (4 Acid) Meas		< 0.3	7.93		440	1	< 2	5.75		49	1590	271	7.78	15	1.45	5.30	13	1350	< 1	1.63	470	0.130	7
OREAS 681 (4 Acid) Cert		0.118	7.91		442	1.41	0.0980	5.98		51.0	1640	264	7.47	17.6	1.35	5.19	13.0	1310	1.38	1.61	503	0.141	10.2
OREAS 247 (4 Acid) Meas		2.7	6.28	3060	552	2	< 2	0.87	0.5	14	92	43	3.40	15	2.03	1.29	33	388	< 1	0.49	53	0.046	31
OREAS 247 (4 Acid) Cert		2.16	6.08	3510	550	2.23	0.580	0.826	0.0650	12.0	97.0	42.2	3.32	16.3	2.45	1.22	31.8	360	1.76	0.499	45.9	0.0480	31.9
904109 Orig	36																						
904109 Dup	36																						
904111 Orig		2.5	7.72	22	562	< 1	5	4.06	0.6	31	68	1660	6.16	20	2.42	2.49	30	938	< 1	2.58	28	0.061	8
904111 Dup		2.3	7.78	28	526	< 1	3	4.04	0.6	31	70	1690	6.15	19	2.51	2.47	30	931	< 1	2.58	28	0.061	6
904119 Orig	< 5																						
904119 Dup	< 5																						
904123 Orig	5																						
904123 Dup	5																						
904125 Orig		< 0.3	8.68	3	459	< 1	< 2	4.54	< 0.3	20	49	98	5.48	19	1.52	2.26	20	979	< 1	3.11	23	0.071	4
904125 Dup		0.4	8.65	12	455	< 1	< 2	4.55	< 0.3	20	45	85	5.47	21	1.49	2.25	20	970	< 1	3.09	20	0.071	4
904144 Orig	< 5																						
904144 Dup	6																						
904150 Orig	114	3.2	8.06	14	752	< 1	< 2	3.89	0.6	28	17	4750	5.91	20	2.19	2.01	25	853	1	2.45	9	0.082	< 3
904150 Split PREP DUP	98	3.2	8.13	11	765	< 1	< 2	3.88	0.8	30	16	4660	5.82	19	2.18	2.00	25	845	1	2.36	13	0.081	4
904151 Orig		0.6	8.40	14	424	< 1	< 2	4.69	< 0.3	25	17	469	5.83	21	1.42	2.13	21	986	< 1	2.54	15	0.080	5
904151 Dup		0.5	8.33	13	422	< 1	< 2	4.65	< 0.3	25	19	468	5.74	21	1.43	2.12	21	981	< 1	2.54	13	0.081	3
904153 Orig	< 5																						
904153 Dup	6																						
904157 Orig	23																						
904157 Dup	23																						
904161 Orig	18	0.6	8.49	15	865	< 1	2	2.49	< 0.3	20	39	402	5.26	22	1.88	1.99	28	721	2	2.24	19	0.077	5
904161 Split PREP DUP	18	0.9	8.45	21	869	< 1	< 2	2.50	< 0.3	20	56	400	5.23	22	1.81	1.99	28	726	2	2.21	20	0.077	< 3
Method Blank	5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	4	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	2	< 1	< 0.01	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank	< 5																						

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Oreas 72a (4 Acid) Meas		1.67											
Oreas 72a (4 Acid) Cert		1.74											
Oreas 72a (4 Acid) Meas		1.69											
Oreas 72a (4 Acid) Cert		1.74											
OREAS 98 (4 Acid) Meas	10	16.2										1320	
OREAS 98 (4 Acid) Cert	20.1	15.5										1360	
OREAS 98 (4 Acid) Meas	8	15.6										1300	
OREAS 98 (4 Acid) Cert	20.1	15.5										1360	
OREAS 904 (4 Acid) Meas	< 5	0.07	12	31			< 5	< 10	91	< 5	34	29	96
OREAS 904 (4 Acid) Cert	1.48	0.0630	11.2	27.2			0.520	8.43	76.0	2.12	31.5	26.3	171
OREAS 904 (4 Acid) Meas	< 5	0.07	12	30			< 5	< 10	90	< 5	32	29	187
OREAS 904 (4 Acid) Cert	1.48	0.0630	11.2	27.2			0.520	8.43	76.0	2.12	31.5	26.3	171
OREAS 96 (4 Acid) Meas	6	4.45										446	
OREAS 96 (4 Acid) Cert	5.09	4.19										457	
OREAS 96 (4 Acid) Meas	< 5	4.34										447	
OREAS 96 (4 Acid) Cert	5.09	4.19										457	
OREAS 621 (4 Acid) Meas	18	4.86	5	72		0.21	< 5	< 10	37	< 5	11	> 10000	166
OREAS 621 (4 Acid) Cert	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168
OREAS 621 (4 Acid) Meas	14	4.63	6	76		0.20	< 5	< 10	35	< 5	12	> 10000	166
OREAS 621 (4 Acid) Cert	139	4.48	6.24	91.0		0.149	1.96	2.83	31.8	2.35	11.1	52200	168
OREAS 238 (Fire Assay) Meas													
OREAS 238 (Fire Assay) Cert													
OREAS 238 (Fire Assay) Meas													
OREAS 238 (Fire Assay) Cert													
OREAS 238 (Fire Assay) Meas													
OREAS 238 (Fire Assay) Cert													
Oreas E1336 (Fire Assay) Meas													
Oreas E1336 (Fire Assay) Cert													
Oreas E1336 (Fire Assay) Meas													

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Oreas E1336 (Fire Assay) Cert													
Oreas E1336 (Fire Assay) Meas													
Oreas E1336 (Fire Assay) Cert													
OREAS 681 (4 Acid) Meas	< 5	0.11	26	453		0.39		< 10	198	< 5	16	83	42
OREAS 681 (4 Acid) Cert	0.240	0.109	27.7	478		0.588		1.44	253	1.09	17.5	88.0	58.0
OREAS 247 (4 Acid) Meas	354	0.73	12	101		0.39	< 5	< 10	70	< 5	17	89	125
OREAS 247 (4 Acid) Cert	3300	0.714	11.4	96.0		0.390	0.800	2.53	82.0	7.88	13.1	86.0	125
904109 Orig													
904109 Dup													
904111 Orig	< 5	0.99	19	353	6	0.35	< 5	< 10	181	10	14	112	51
904111 Dup	< 5	1.01	19	356	< 2	0.35	< 5	< 10	180	7	14	110	52
904119 Orig													
904119 Dup													
904123 Orig													
904123 Dup													
904125 Orig	< 5	0.20	19	634	2	0.32	< 5	< 10	160	< 5	15	72	45
904125 Dup	< 5	0.19	19	631	5	0.30	< 5	< 10	153	< 5	15	74	43
904144 Orig													
904144 Dup													
904150 Orig	< 5	0.61	18	531	4	0.39	< 5	< 10	167	< 5	15	113	70
904150 Split PREP DUP	< 5	0.62	18	525	5	0.39	< 5	< 10	164	6	15	115	67
904151 Orig	7	0.29	19	681	5	0.23	< 5	< 10	132	< 5	17	88	48
904151 Dup	< 5	0.29	19	668	5	0.32	< 5	< 10	161	< 5	17	89	62
904153 Orig													
904153 Dup													
904157 Orig													
904157 Dup													
904161 Orig	< 5	0.34	17	476	8	0.40	< 5	< 10	158	5	14	73	67
904161 Split PREP DUP	< 5	0.34	17	482	10	0.39	< 5	< 10	158	5	14	75	67
Method Blank													
Method Blank													
Method Blank													
Method Blank													
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	2	< 5
Method Blank													