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2021 RECONNAISANCE PROGRAM -CRYDERMAN PROPERTY- SHINING TREE, ONTARIO

MacMurchy Township

Larder Lake Mining Division

NTS 41P11

Prepared For

Transition Metals Corp.

March 31, 2022

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1.0 INTRODUCTION

The Cryderman Property is comprised of two mining claims and 4 mining leases forming a contiguous property located approximately 7 km northeast of Shining Tree, Ontario (Fig. 1). Following the optioning of the leases from Precambrian Equipment Limited in the spring of 2019, Transition Metals completed a programme of mapping, trenching, and sampling in 2020 by Transition Metals Corp., focused mainly on the historical Queen Elizabeth vein located on the eastern margin of the property. Following the acquisition of the mining leases, the 2021 field programme was comprised of reconnaissance mapping and sampling conducted between August 15th, 2021 and August 21st, 2021, by Transition Metals staff. The main goal of this program was to confirm and assess the extent of mineralization. A total of 53 grab and float samples were collected and submitted for analyses. Structural measurements were taken during the 2021 field work to provide further support for the interpretation postulated from the 2019 geology and trenching program.

2.0 PROPERTY LOCATION, ACCESS, AND DESCRIPTION

The Cryderman property is located in the southwest corner of MacMurchy Township in northeast Ontario, approximately 7 km northeast of Shining Tree, and 32 km west-southwest of the Gowganda, in the Larder Lake Mining Division. The property is located about 1 km east of Highway 560, with the geographic centroid of the property located at approximately 486160 mE 5270900 mN UTM Zone 17N (NAD83). Access to the property is by four-wheel drive vehicle for much of the year via old logging roads and trails off Highway 560, or by snowmobile in the winter.

The property is composed of two mining claims and 4 mining leases forming a contiguous land package that totals approximately 108 hectares of territory (Table 1; Figure 2).

Table 1: Cryderman property lease description and details

Claim Tenure	Status	Area (ha)	Holder
LEA-19859	Mining and Surface Rights	16.39	((100) TRANSITION METALS CORP
LEA-19858	Mining and Surface Rights	16.11	(100) TRANSITION METALS CORP
LEA-19861	Mining and Surface Rights	16.79	(100) TRANSITION METALS CORP
LEA-19860	Mining and Surface Rights	18.45	((100) TRANSITION METALS CORP
LEA-20052	Mining and Surface Rights	14.97	(100) TRANSITION METALS CORP
LEA-19819	Mining and Surface Rights	14.89	(100) TRANSITION METALS CORP
550839	Single Cell Mining Claim	10.20	(100) TRANSITION METALS CORP.
550846	Single Cell Mining Claim	0.03	(100) TRANSITION METALS CORP.

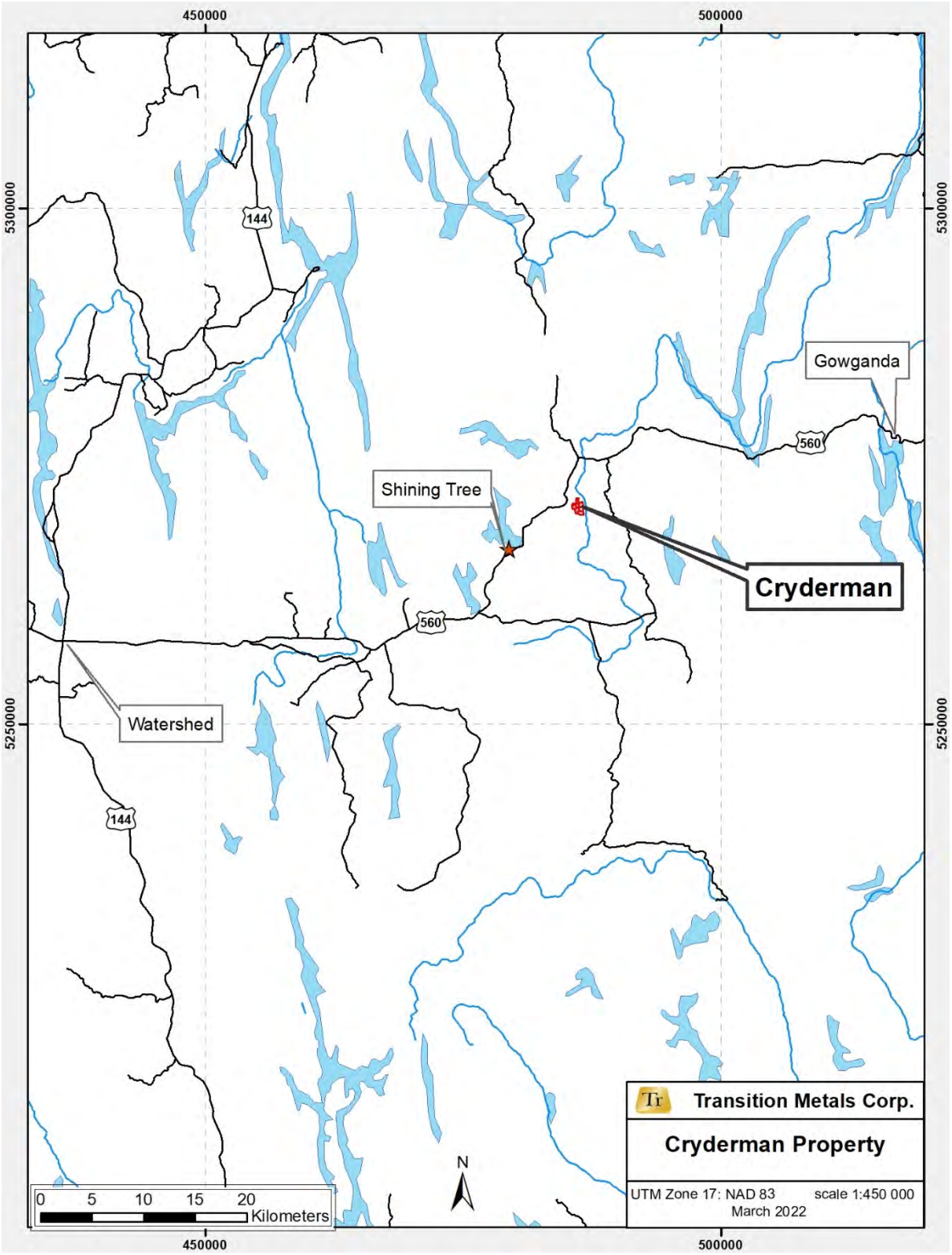

Figure 1: Cryderman Property location map

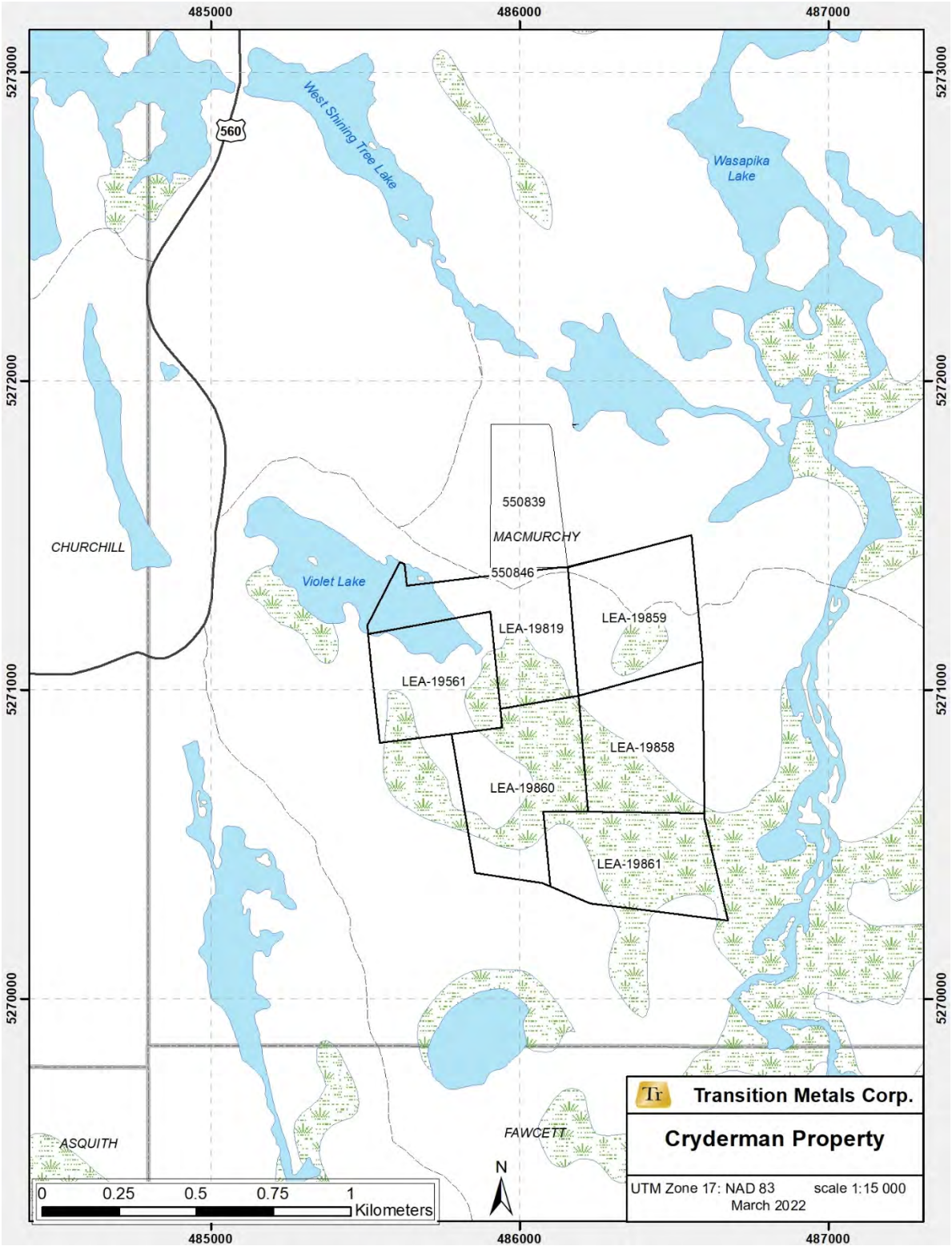

Figure 2: Cryderman property mining claims and leases map

3.0 HISTORICAL WORK

The Cryderman property was owned by the Cryderman family and hosts the Queen Elizabeth occurrence, also known as the Cryderman, Cooper-Manwell-Moore, Cryderman-Manwell-Moore, and Featherstone. Historically, the leases were originally part of the larger Queen Elizabeth property, which was divided and sub-divided into a number of separate land holdings comprising various leases, patents, and claims.

Further confusions arise around the location of the main showing, as the historic shaft is approximately on the boundary line between the historic Cryderman and Featherstone leases, although the trench extends southwest into the Cryderman lease. The dump material from the shaft if located to the east on the Featherstone lease, which was allowed to lapse, and is now a mining claim forming part of the larger Platinex - Ashley Gold – Skead Holdings property currently being explored by Platinex Inc.

Due to the nature of the property, being comprised of long-lasting historical leases, much of the historical work was not reported or appropriately recorded. This has resulted in a very obscure exploration history, which is summarized below.

Table 2: : Summary of historical work conducted over the Property

Year	Company	Style of Work	Summary	Reference
1913	Ontario Department of Mines	Examination	Stewart completed an examination of the West Shining Tree gold area, including the Cryderman property	R.B. Stewart. Annual Report 22, Part 1
1917		Overburden trenches	A series of overburden trenches in the area of the shaft may have been created at this time. Shaft to a dept of 40ft (!2m)	
1920	Ontario Department of Mines		Hopkins completed an examination and mapping of the area.	P.E. Hopkins. Annual Report 29, Part 3.
1926	Ontario Department of Mines	Examination	Finley conducted an examination of the character of the gold occurrences in the area	F.L. Finley, 1926. Annual Report 35.
1928	Ontario Department of Mines	Examination	Langford conducted an examination of the geology and gold occurrences in the area.	G.B. Langford, 1928. Annual Report 36.
1935	Ontario Department of Mines	Examination	Laird completed an examination of a number of properties adjacent to the north side of the Cryderman Property.	H.C. Laird, 1935. Annual Report 44.
1943	Conwest Exploration Company Ltd.	Channel sampling	Best assay being 3.19 oz Au/ton over 25cm (10 in.)	Savage, 1949. internal report by the Resident Geologist.
1977	Ontario Department of Mines	Mapping	MacMurchy and Tyrell townships were mapped at a 1:31 680 scale	M.W. Carter, 1977. Report 152 and Map M2365.
1987	Ontario Department of Mines	Mapping	The previous mapping in MacMurchy Township was included in a compilation of the geology in the Shining Tree area.	Carter, 1987. Ontario Geological Survey Report 240. Map M2510.
1999	Ontario Department of	Mapping	MacMurchy Township was one of four townships mapped for the Ontario	Johns, 1999. Map P3389.

Year	Company	Style of Work	Summary	Reference
	Mines		Geological Survey	
2003	Ontario Department of Mines	Mapping	MacMurchy Township was included in the compilation of the geology of the Shining Tree area	Johns, 2003. Map P3521.
2003	Ontario Department of Mines	Mapping	MacMurchy Township was included in a compilation of the Matachewan-Shining Tree area.	Ayer et al., 2003. Map P327.
2013	Ontario Department of Mines	Mapping	The Shining Tree gold area and MacMurchy Township were included in the study of Archean Gold	Ayer et al., 2013. MRD 294.
2019	Transition Metals Corp.	Mapping and Trenching	Geology and trenching program in the MacMurchy Township, Larder Lake Mining Division (NTS 41P11)	Burden (2019)

4.0 GEOLOGICAL SETTING AND MINERALIZATION

4.1 REGIONAL GEOLOGY

The following description of the Abitibi greenstone belt is from Ayer et al., (2002, 2005) and Thurstone et al., (2008) and the references found in those papers. The Abitibi greenstone belt is composed of east-trending synclines of mainly volcanic rocks and intervening domes cored by synvolcanic and/or syntectonic plutonic rocks (gabbro – diorite, tonalite, and granite) alternating with east - trending bands of turbiditic greywackes (Fig. 3). Most of the volcanic and sedimentary rock dip vertically and are separated by east-trending faults with variable dips. Some of these faults, such as the Porcupine-Destor fault, display evidence for overprinting deformation events including early thrusting, later strike-slip and extension events. There are two ages of unconformable successor basins, early, widely distributed "Porcupine-style" basins of fine-grained clastic rocks, followed by later "Timiskaming-style" basins of coarser clastic and minor volcanic rocks which are largely proximal to major strike-slip faults (e.g. Porcupine-Destor, Larder-Cadillac). Numerous late-tectonic plutons from syenite and gabbro to granite with lesser dikes of lamprophyre and carbonatite cut the belt.

The Shining Tree area is located in the southern part of the Abitibi greenstone belt and on the northern margin of the Cobalt Embayment. Volcanic rocks of the Deloro assemblage (2734 to 2724 Ma.) are part of the Shining Tree area, and capped by regional iron formations, according to Ayer et al., (2013). The Deloro assemblage is overlain to the northeast by volcanic rocks of the Kidd-Munro assemblage (2720 to 2710 Ma.) resulting in a regional syncline in repetition of the assemblage in Knight Township. The Tisdale assemblage (2710 to 2704 Ma.) is constrained to north and west of the Natal Group in Cabot and Kelvin townships. The Natal and Indian Lake groups are part of the Porcupine assemblage (2690 to 2680 Ma.) evidenced by recent geochronological research. The research evidence ages 2687 Ma. for the felsic volcanic rocks and <2680 Ma. for the conglomeratic sandstones in different parts of the belt.

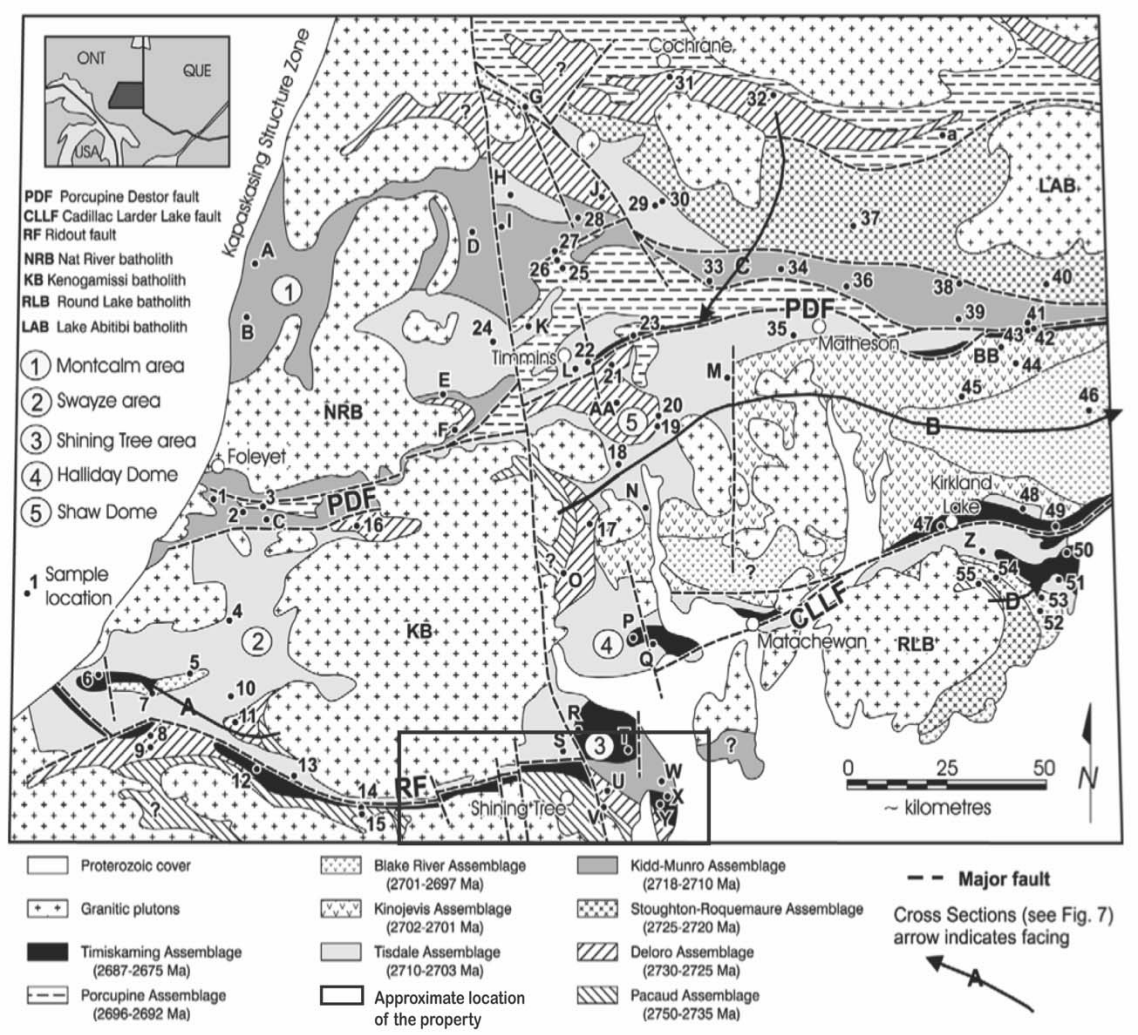

Figure 3: Regional geology of the southern Abitibi greenstone belt (Ayer et al., 2002), square is the approximate location of the claims

A number of mafic dykes swarms cut the rocks of the Abitibi greenstone belt (Osmani, 1991). The 2452 Ma. Matachewan dykes are north-trending, vertical to sub-vertical and composed of quartz diabase and commonly contain plagioclase phenocrysts up to 20 cm in length.

The Archean rocks are unconformably overlain by Paleoproterozoic rocks of the Huronian Supergroup and intruded by gabbroic rocks of the Nipissing intrusives. The Huronian Supergroup was deposited in a north-trending graben referred to as the Cobalt Embayment in the area overlying the Abitibi greenstone belt. Four formations: the Gowganda, Lorrain, Gordon Lake, and Bar River, were deposited in the embayment and form the upper most sedimentary cycle of the Huronian Supergroup collectively referred to as the Cobalt Group (Bennett et al., 1991).

The Nipissing Intrusive sills intrude all older rocks forming sills, and undulating sheets up to a few hundred metres thick (Bennett et al., 1991). The 2219 Ma. Ungava magmatic event located under the Labrador Trough fed via the 2216 Ma. Senneterre dykes which form part of the radiating dikes swarm

(Ernst, 2007). Locally, emplacement of the Nipissing appears to have been controlled by pre-existing structures in the Huronian and Archean basement rocks.

4.2 PROPERTY GEOLOGY

The Cryderman property is mapped as being underlain by northwest-southeast trending rocks of the Deloro assemblage; locally present as mafic to intermediate metavolcanics rocks with minor siltstone interbeds, and a Matachewan dyke (Ayer et al., 2013) crosscuts the property on a northwest-southeast trend (Fig. 4).

The mafic volcanic rocks in the property are light to dark grey-green basalts with texture varying from strongly foliated to massive, porphyritic, and/or flow textured to pillowed. All variations are typically fine- to very-fine grained while the porphyritic variations contain phenocrysts of fine-grained lathe-shaped plagioclase crystals. The mafic volcanic rocks variably show weak- to moderate-patchy magnetism, weak- to strong-pervasive chlorite alteration, weak-to moderate-patchy to pervasive carbonate alteration, weak- to moderate-sericite alteration, and weak- to moderate-hematite staining and alteration along fracture and foliation planes.

The siltstone occurs as lenses or seams of interflow sediments up to 2 m thick within a basalt dominated region. The siltstone on the property is northeast-southwest striking, typically a light grey-green colour, very-fine to-fine grained, and composed of rounded to sub-rounded lithic clasts. The siltstone exhibits moderate to strong chlorite alteration, and moderate carbonate alteration.

The intermediate metavolcanics rocks were not observed on the property while prospecting; however, they have been documented by Carter (1977) to be located south of Violet Lake.

The Matachewan mafic dyke is found as a medium-grained quartz-diabase and exhibits strong pervasive magnetism. The diabase is a dark green-grey with a weak-pervasive biotite, chlorite, and epidote alteration.

4.3 STRUCTURAL GEOLOGY

There is no comprehensive discussion and interpretation of the structural history from the Shining Tree area and the following is from the preliminary work by Johns and Amelin (1998) (Fig. 4 and 5).

In Fawcett and MacMurchy townships the Archean volcanic rocks strike to the north-northwest in the south changing to westerly strike in northern MacMurchy Township. Except for minor top reversals, the sequence youngs to the northeast and north. In Leonard, Tyrell and Knight townships, to the east, the volcanic rocks strike north-northwest changing to a northerly strike in Knight Township. The sequence youngs to the northeast towards a north northwest-trending syncline axis in northern Tyrell Township.

The Porcupine sediments and volcanics have variable strikes and facing directions and there is insufficient data to identify the cause of the folded aeromagnetic pattern. It is possible that this pattern reflects the geology of the underlying older units. In the southeast part of Natal Township, the Porcupine rocks strike easterly, abutting against the Archean volcanic rocks and, for the most part young to the north.

The entire map area has been disrupted by northwest and northeast-trending faults, thus making the interpretation of stratigraphic relations difficult. This has also been noted on a property scale in northern Tyrrell Township. Deformation is restricted to these fault zones and the individual blocks exhibit little evidence of internal deformation. The Hydro Creek Fault or inferred splays from it in Tyrrell and Natal townships are related to gold mineralization and intense alteration. In some locations there appears to be intense carbonatization, but little ductile deformation is evident. Ductile deformation appears to be more intense on the splay's faults. Intense east-northeast-directed shearing and foliation, along with strong carbonatization, affects the rocks in southwest MacMurchy Township north of Gay Lake.

The following is a working interpretation of the structural history of the area based on work in the Shining Tree and Kirkland Lake areas. Ages of intrusions are from Beakhouse (2011).

4.3.1 D1 Synvolcanic Intrusions (2691 - 2685 Ma.)

The first deformation event (D1) was that of initial accretion of the oceanic and arc-related assemblages which was accomplished by southward-migrating, north-dipping subduction (Wilkinson et al., 1999). This deformation event is shown within the property area as synclines within the Pacaud, Deloro, Kidd-Munro, and Tisdale assemblages. These initial D1 structures are reported to be instrumental in the structural architecture of the belt and possibly served as planes of weakness to be re-activated during the D2 event (Wilkinson et al., 1999). On the volcanic belt scale these synclines (and anticlines) trend east-west; however, in the property area they appear as if they are deflected from the general east-west trend around the northeast margin of the synvolcanic Neoarchean Ramsey-Algona Complex into a northwest-southeast orientation. The Ramsey-Algoma Complex is comprised of syntectonic to post-tectonic units.

4.3.2 D2 Early to Syntectonic Intrusions (2691 - 2676 Ma.)

The primary structure associated with gold mineralization within the southern Abitibi and property area is the typically east-west trending reverse dextral Larder Lake Cadillac Fault Zone (D2) (Ispolatov et al., 2008). The structure is obscured to the west by the Kapuskasing Structural Zone and constrained to the east by the Grenville Front. The Larder Lake Cadillac Fault Zone is inferred to project southwest under Huronian cover to the Shining Tree area and is locally inferred to as the Rideout Fault.

The Rideout Fault in the property area is obscured by Paleoproterozoic Huronian cover to the east and is offset by several north-south to northwest-southwest, and northeast-southwest trending structures that have an apparent southwest stepping pattern in Tyrrell, Knight, Natal, and MacMurchy townships; further to the west in Churchill and Connaught townships, the structure returns to a more linear feature trending east-west sandwiched between the Ramsey-Algoma (south) and Kenogamissi (north) batholiths.

The Ribble and Foisey veins, located to the west of the property appear to share a similar orientation and general geometry to that of the Queen Elizabeth vein; this orientation infers an initial north-south shortening axis.

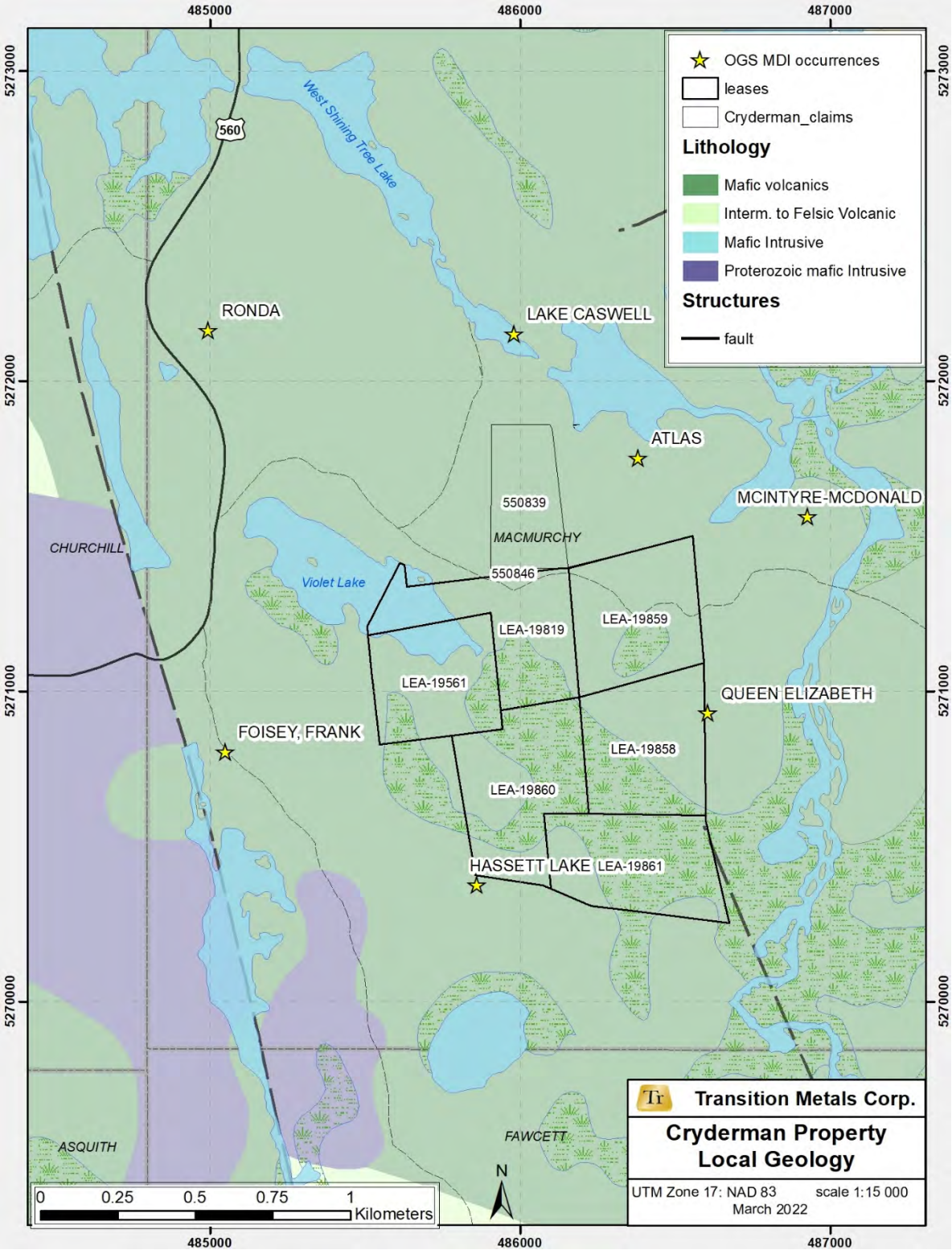

Figure 4: Local geology of the Cryderman Property (after Ayer and Chartrand 2011)

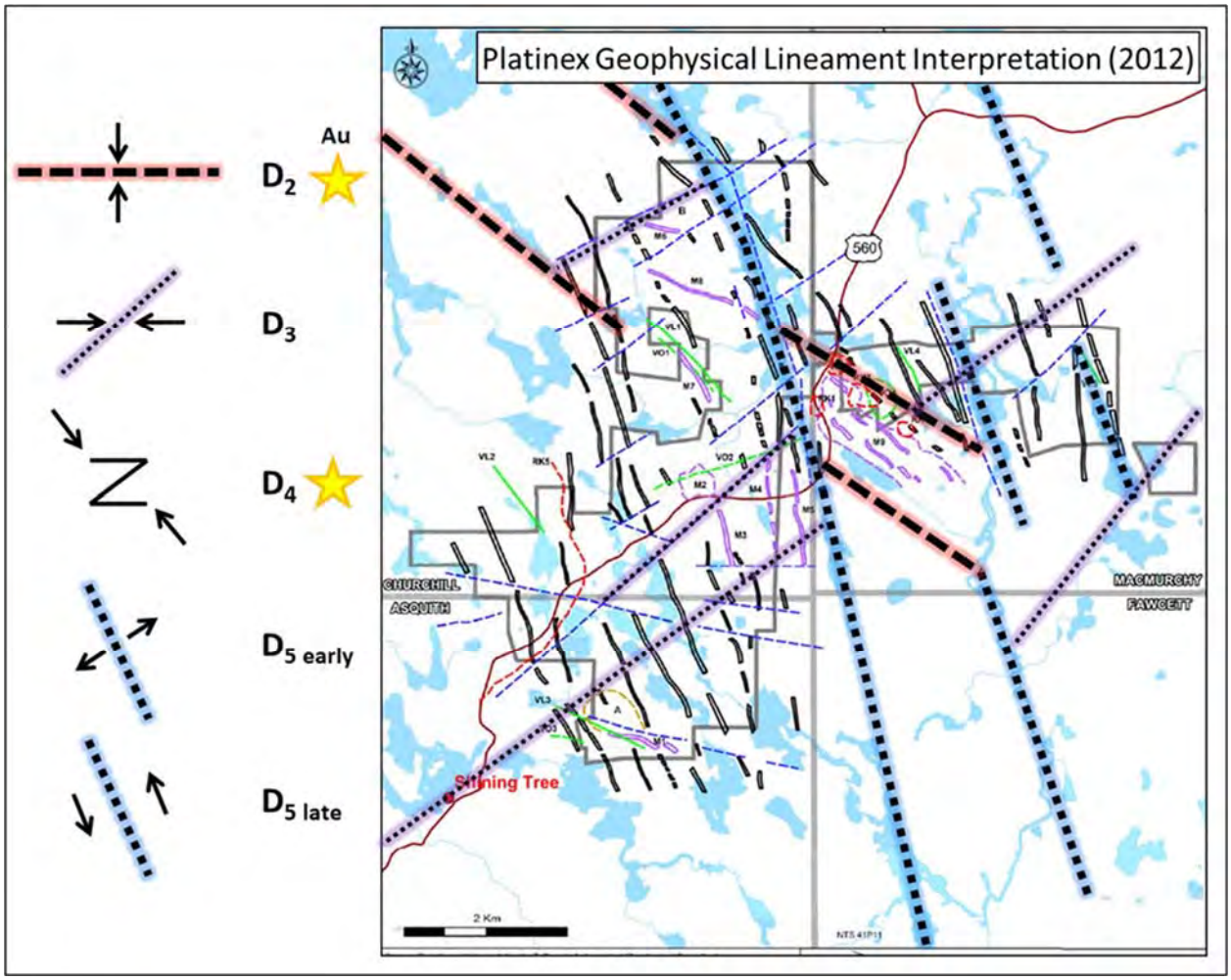

Figure 5: Figure 5: Structural interpretation based on Platinex airborne geophysics interpretation (Burden, 2019)

4.3.3 D3 Syntectonic Intrusions (2686 - 2676 Ma.)

The D3 event is regarded as a shift in the shortening axis from a generally north-south orientation to an east-west orientation (Ispolatov et al., 2008), or a northwest-southeast orientation (Wilkinson et al., 1999). This shift in the Larder Lake area is represented by the generation of north trending cleavage, but varies locally based on the orientation of the S2 fabric (Wilkinson et al., 1999). A number of northwest-trending auriferous veins are located on the Caswell and Bilmac occurrences located to the north of the Cryderman property.

4.3.4 D4 Late - tectonic Intrusions (2679 - 2672 Ma.)

The D4 event is again a shift in shortening direction; the D4 event is related to a northwest-southeast shortening and characterized by the development of Z-folding (Ispolatov et al., 2008). The D4 event corresponds to many of the structures hosting gold mineralization in the Kirkland Lake camp, the structural event is accompanied by late-tectonic intrusions, variably plutons, dykes, and stocks, which are known to host mineralization elsewhere in the region (Hislop and Young-Davidson).

4.3.5 D5 Matachewan Dykes to Trans-Hudson Orogen (2452 - 1800 Ma.)

In the Cryderman property area there are two influential structures. These structures are roughly oriented north-south to north-northwest-south-southeast and are known locally as the Michiwakenda fault and the Jess Lake Fault (Carter, 1977). These faults can be traced and related to the regional Onaping Fault system which begins just east of Sudbury, Ontario at its southern extent as the Upper Wanapitei River Fault, transitioning to the Matagami River Fault, and finally after crossing the Kapuskasing structural zone re-emerging as the Big Cedar Creek fault at its northern extremity (Buchan & Ernst, 1994).

4.3.6 D5 early: Matachewan Dyke Swarm and Onaping Graben Emplacement

The Onaping Fault system runs roughly north-south, parallels the orientation of the Matachewan Dyke swarm, and also seemingly has a similar locus to the dyke swarm's origin. Carter (1977) proposed that within the MacMurchy and Tyrrell township areas the Michiwakenda and Jess Lake faults from the bounding normal faults to a graben structure; the Michiwakenda Fault system, could have been an early failed west-side down. It is being proposed that the Onaping Fault system could have been an early failed rift arm associated to the Matachewan large igneous province. A divergence allows for the emplacement of the dykes in a very linear manner and the formation of fault blocks or long linear trough like depressions. Huronian epicratonic sedimentation would have been initiated as a response to the cratonic opening of the eastern margin of Superia via the Mistassini event dated 2510 Ma. (Ernst & Bleeker, 2010)

4.3.7 D5 Late: Onaping Deformation

Following the initial development of the two structures there is evidence provided from crosscutting relationships with intrusions, and notably the Biscotasing Dykes, that there was up to 8 kilometres of sinistral offset that occurred along the Onaping Fault system, (Buchan & Ernst, 1994). This displacement is timed to have occurred between the emplacement of the Biscotasing dykes (2167 Ma.) and that of the Sudbury Igneous Complex (1850 Ma.). In the property area the Michiwakenda Fault demonstrates almost 5.5. kilometres of lateral displacement.

The late sinistral deformation during the previously mentioned period is thought to have re-activated some D1 and D2 structures that lie within the project area due to their orientation that accommodates the batholith margins. These D1 and D2 structures would have been rotated in such a way that they would accommodate the formation of duplexes or flower structures with the graben walls bounding them. In the property area these accommodating structures between the graben walls would be represented by northwest trending lineaments and structures that often parallel the hinges defined by D1 or the shears and faults of D2.

4.3.8 D6 Post Trans-Hudson Deformation

Following the major sinistral event (late D5) there is evidence to support further movement along the Onaping Fault system. Minor offsets in the Sudbury dykes as well as in the Abitibi dykes shows that there was continued movement on the structure for at least another 700 Ma. following the Trans-Hudson suturing event on the western of the craton.

4.4 Mineralization

In general terms, mineralization on the property has been associated with the Queen Elizabeth vein. Results from the prospecting and trenching field work done in 2019, concluded that from two hundred and twenty (220) channel samples most of the mineralization encountered corresponded to material containing quartz and quartz-carbonated veining with trace to 3% sulphide content, typically presenting a combination of pyrite and chalcopyrite ± sphalerite ± malachite. Also, an elevated notable exception sample which returned a value of 1.15 ppm Au over 60 cm, consisting of foliated basalt with 1-3% fine-grained disseminated pyrite along foliation planes.

The highest value of the samples from the 2019 field program returned a value of 15.7ppm Au over 49 cm, which is composed of the Queen Elizabeth vein with trace of 1% very-fine grained pyrite, chalcopyrite, and malachite. The variation in assay results along the Queen Elizabeth vein is likely due to a nugget effect. The mineralization has been associated with samples containing centimetre scale quartz-carbonate veins, or in wall rock of strong foliation and increased sulphide content.

5.0 2021 EXPLORATION

The 2021 field programme was comprised of reconnaissance mapping and sampling conducted between August 15th, 2021 and August 21st, 2021, by Transition Metals Corp. project geologists Benjamin Williams and Jake Burden, assisted by field geologists Mayra Zuniga-Albuja and Michael Langa, and field assistants Carolyn Hatton and Sarah Reese. A total of 53 grab and float samples were collected and submitted for analyses with the sample descriptions contained in Appendix A, and a detailed sample location map contained in Appendix B. Structural measurements were taken during the 2021 field work to provide further support for the interpretation postulated from the 2019 geology and trenching program.

Samples were submitted to ALS in Sudbury, Ontario and analysed for gold using a combination of fire assay and inductively couple plasma – atomic emission spectroscopy (ICP – AES) methodology. Samples that exceeded the upper analytical detection limits for gold were re-analysed by a fire assay-gravimetric analysis. The samples were also analysed for forty-eight (48) trace element and base metals using a four acid near total digestion inductively couple plasma – mass spectroscopy (ICP – MS) methods. The analytical certificates and quality control data for these analyses are contained in Appendix C.

5.1 RESULTS

Prospecting and mapping of the property confirmed the presence of mafic volcanic rocks mapped by Carter (1977), and the addition of an identified intermediate mafic volcanic. Foliations measured while prospecting were typically in an east-west orientation between 058° and 089° steeply dipping to the south.

Of the fifty-seven (57) samples of rock submitted for assay, most of the mineralization encountered were collected from the mafic volcanic rocks, with trace to 3% sulphide, typically a combination of pyrite ± chalcopyrite ± pyrrhotite ± malachite. One notable exception being sample X926817 which returned a value of 6.18 ppm Au from a sample consisting of a quartz vein with inclusions of the host rock

described as a basalt, the vein presents fine-grained pyrite following the grain boundaries. The highlights of the analytical results are contained in Table 3, with the locations shown in Figure 6.

Table 3: Analytical highlights from the 2021 sample analyses (NAD 83, UTM Zone 17).

Station	East	North	Sample	Sample Type	Lithology	Au ppm	Ag ppm	Cu ppm	Pb ppm	S %	Te ppm	Zn ppm
21CRY7	485988	5271579	X926790	Grab	Foliated basalt	0.115	0.10	63.9	1.4	0.22	0.05	144
21CRY9	485977	5271322	X926792	Grab	Basalt	0.109	0.18	24.3	5.3	1.14	0.12	296
21CH-C002A	483913	5270528	X926796	Grab	Foliated mafic volcanic	0.001	0.04	110.0	1.1	0.07	<0.05	90
21MZ-G006B	486333	5270869	X926804	Grab	Quartz-Fe-carbonated vein	0.095	0.02	86.3	1.0	0.12	<0.05	35
21CRY11	486175	5271336	X926812	Grab	Foliated basalt	<0.001	0.06	144.0	0.6	0.04	<0.05	38
21CRY15	486129	5271267	X926817	Grab	Basalt	6.18	1.01	37.5	3.2	0.14	<0.05	25
21CH-C006	485634	5270917	X926823	Grab	Intermediate volcanic	<0.001	0.02	50.0	0.6	<0.01	<0.05	54
21CH-C007A	485648	5270885	X926826	Grab	Quartz Vein	<0.001	0.01	23.7	1.2	<0.01	<0.05	53
21CH-C015C	486144	5270549	X926837	Grab	Quartz vein	0.040	0.33	648	10.2	0.06	<0.05	43

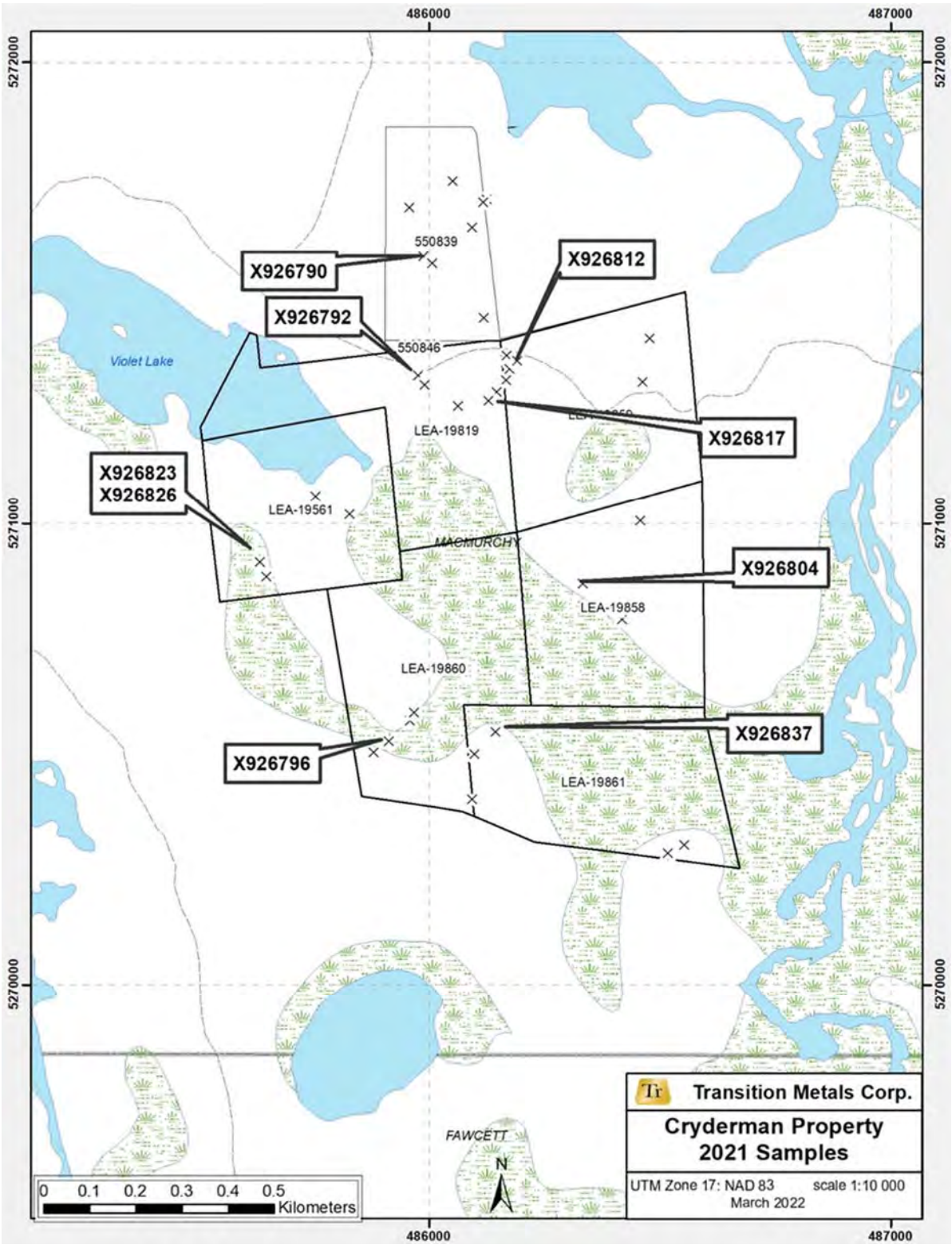

Figure 6: Location map of analytical highlights from the 2021 sample analyses

6.0 EXPENDITURES

A summary of expenditures of the program are contained in Table 3

Table 4: : Summary of Expenditures

Work Type	Sub work Type	From	To	Unit of Work	Cost/Unit	Actual Cost
Geological Survey Work	Geological Survey	2021-08-12	2021-09-03	day	485	$11,820
Geological Survey Work	Reporting	2021-09-06	2021-09-30	day	485	$1,670
	Reporting	2022-03-01	2022-03-31	day	580	$1,450
Associated Cost	Assays	2021-08-12	2021-09-01	Sample	100	$3,523
	Food	2021-08-12	2021-09-01	meal	26	$2,414
	Lodging	2021-08-12	2021-09-01	night	170	$2,512
	Transportation	2021-08-12	2021-09-01	unit	1	$282
	Supplies	2021-08-12	2021-09-01	unit	1	$1,416
					TOTAL	$25,087

7.0 CONCLUSIONS AND RECOMMENDATIONS

Mineralization in the Cryderman property appears to largely associated with the inferred D2 structures as discussed by Burden (2019). Any future work carried out should focus on these D2 structures and associated veining. Additional bedrock stripping should be completed along some of the structures to test the interpretation which could be combined with a programme of soil geochemical sampling. Burden (2019) proposed a series of diamond drill holes to further test the dominant trend of lineations of D2 - D3 structures oriented to intersect all styles of mineralization that is apparent in the trench. The proposed diamond drill holes of Burden (2019) are still valid, untested targets for mineralization on the property.

8.0 STATEMENT OF AUTHORS

8.1 STATEMENT OF AUTHOR:

I, Mayra Zuniga-Albuja of the City of Vancouver, in the Province of British Columbia, do hereby certify that:

1) I am a geoscientist in training (GIT) with the PGO, residing at 477 59th Ave W Apt 301, Vancouver BC, V5X 1X4,.

2) This certificate is to accompany the report entitled: '2021 Reconnaissance Program, Cryderman Property, Shining Tree, Ontario, MacMurchy Township dated March 31, 2022.

3) I graduated from the University of Saskatchewan with an MSc in Geology (2020).

4) I have been working as a GIT in Canada and Ecuador since 2015.

5) I have been worked as a field geologist for Transition Metals Corp. between May 10th, 2021 and December 2021.

Dated at Vancouver, B.C. this. 29th Day of December 2021

Mayra Zuniga-Albuja

8.1 STATEMENT OF AUTHOR:

I Thomas R. Hart, of the City of Kitchener, in the Province of Ontario, do hereby certify that:

1) I am a registered Professional Geoscientist, PGO, NLPEG, residing at 31 Ridgemount Street, Kitchener, Ontario, N2P 0J3.

2) This certificate is to accompany the report entitled: '2021 Reconnaissance Program, Cryderman Property, Shining Tree, Ontario, MacMurchy Township dated March 31, 2022.

3) I graduated from the University of Western Ontario (1980) with an HBSc in Geology, and the University of Toronto (1984) with an MSc in Geology.

4) I am registered as a Professional Geoscientist with the Professional Geoscientists of Ontario I have been practicing full-time as a geoscientist in Canada since 1984.

5) I am contracted to be the vice-president, exploration, and an officer of Transition Metals Corp. supervising the 2021 field programme.

Dated at Kitchener, Ontario this. 31th Day of March 2022

Thomas R. Hart, P. Geo.

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APPENDIX A

Sample Descriptions

Sample	Station	Area	Date	East	North	Type	Lithology	Notes_Lithology	Notes_Alteration	Notes_Vein	Notes_Mineralization	Structural_Measurements
X926783	21-CRY-001	Cryderman [New Claims]	2021-08-18	486119	5271446	Grab	Basalt	Fine grained. Brown weathered surface and medium grey fresh surface. Slightly larger grained plagioclase phenocrysts present. Non magnetic. Strongly foliated.	Moderate somewhat patchy reaction to acid along surfaces. Minor hematite staining along fracture planes.	Quartz vein, 3-4cm wide and white in colour. Weak very patchy acid reaction. Hematite staining along grain boundaries within vein. Inclusions of chlorite present. No apparent mineralization.	No apparent mineralization in host rock.	[126/64] (foliation)
X926784	21-CRY-002	Cryderman [New Claims]	2021-08-18	486094	5271643	Grab	Basalt	Fine grained. Medium grey weathered surface and fresh surface. Moderate pervasive magnetism. Strongly foliated.	Strong acid reaction along fracture planes. Moderately chloritized.	Thin quartz-calcite veinlets, sub-mm scale.	Pyrite, pyrrhotite, trace chalcopyrite (?). 2-3 vol% sulphides. Fine grained to very fine grained, disseminated and growing along foliation planes.	
X926785	21-CRY-003	Cryderman [New Claims]	2021-08-18	486125	5271704	Grab	Basalt	Fine grained. Medium grey weathered surface and fresh surface. Moderate pervasive magnetism. Strongly foliated.	Strong acid reaction along fracture planes. Moderately chloritized.	Quartz eyelid/eyebrow structure. Contains quartz, calcite, hematite, biotite books/sheets. No apparent mineralization. Quite "rotten".		
X926786	21-CRY-004A	Cryderman [New Claims]	2021-08-18	486117	5271698	Grab	Basalt	Fine grained. Grey green fresh surface and grey beige on weathered surface. Moderate pervasive magnetism.	Moderately to strongly chloritized. Strongly carbonaceous along fracture surfaces.	Quartz vein with calcite along margins/stringers coming off of main vein. Vein is white in colour with hematite staining along grain boundaries and margins. Blebby chalcopyrite in vein margins.	Host rock has fine grained disseminated pyrite, some associated and occurring around the plagioclase phenocrysts.	
X926787	21-CRY-004B	Cryderman [New Claims]	2021-08-18	486117	5271698	Grab	Basalt	Fine grained. Grey green fresh surface and grey beige on weathered surface. Moderate pervasive magnetism.	Moderately to strongly chloritized. Strongly carbonaceous along fracture surfaces.		Host rock has fine grained disseminated pyrite, some associated and occurring around the plagioclase phenocrysts.	
X926788	21-CRY-005	Cryderman [New Claims]	2021-08-18	486051	5271743	Grab	Basalt	Fine grained. Grey weathered surface and medium grey green fresh surface. Strong to moderate pervasive magnetism.	Moderate to strong HCl reaction along fracture surfaces. Moderately to strongly chloritized.	Two quartz veins present but only one (1) was sampled. Sampled vein: 2-3cm wide, white to rusty patches. Hematized along fractures and grain boundaries. Margins are strongly chloritized/chlorite rich. Some small chlorite inclusions also present within the vein. No apparent mineralization.	Host rock has no apparent sulphides.	[079/74] (vein 1); [125/68] (vein 2)
X926789	21-CRY-006	Cryderman [New Claims]	2021-08-18	485957	5271686	Grab	Basalt	Fine grained. Grey weathered surface and medium grey green fresh surface. Strong to moderate pervasive magnetism.	Moderate to strong HCl reaction along fracture surfaces. Moderately to strongly chloritized.	Quartz vein present that pinches and swells from 1-15cm wide. White/bull white in colour with hematite staining along grain boundaries. Vein has some inclusions of the host rock along margins. Vein is boudined and has crack seal texture. Some chlorite fragments present within the vein.		
X926790	21-CRY-007	Cryderman [New Claims]	2021-08-18	485988	5271579	Grab	Basalt	Fine grained. Brown weathered surface and medium grey green fresh surface. Strongly foliated. Non magnetic.	Moderate to strong oxidation on fracture planes/foliation planes. Strongly carbonaceous along foliation/fracture surfaces. Strongly chloritized.	1-2cm wide quartz vein with iron carbonate inside. Trace sulphides (cubic pyrite) along margins. Bull white in colour with hematite staining along grain boundaries.		[085/65] (vein)
X926791	21-CRY-008	Cryderman [New Claims]	2021-08-18	486007	5271564	Grab	Basalt	Fine grained. Grey weathered surface and green grey fresh surface. Patchy very weak magnetism.	Moderately chloritized. Moderate oxidation along fracture planes. Weak very patchy acid reaction.	Quartz carbonate mini stringers present within host rock. Sampled quartz vein was 1-2cm wide, up to 3cm wide in the extensional components. Extensional components of vein branch off of main section. Moderate oxidation within vein. Sulphides concentrated along vein margins and in the host rock along the vein margins. Fine grained to blebby to cubic pyrite with potential trace chalcopyrite, and minor pyrrhotite (patchy magnetism within the vein).	Fine grained to very fine grained sulphides, pyrite, about 1 vol %.	[255/70] (vein)
X926792	21-CRY-009	Cryderman [New Claims]	2021-08-18	485977	5271322	Grab	Basalt	Fine grained. Grey weathered surface and grey green fresh surface.	Moderately chloritized.	Quartz vein. 3-4cm wide. White in colour. Hematite staining/oxidation along margins and grain boundaries (strong, rusty). Sulphides concentrated along the vein margins (medium grained cubic pyrite, fine grained disseminated pyrite). Very fine grained trace disseminated pyrite within the vein as flecks. Wall rock also has medium grained cubic pyrite (~3 vol %). Vein has 1-2cm inclusions of chlorite +/- biotite with cubic pyrite along the rims.		[264/86] (vein)
X926793	21-CRY-010	Cryderman [New Claims]	2021-08-18	486168	5271365	Grab	Basalt	Fine grained. Grey weathered surface and grey green fresh surface. Strongly foliated.	Moderately chloritized.	1-2cm wide quartz carbonate vein. White to tan/orange in colour. Malachite staining and chalcopyrite (fine grained) within vein. Crack seal texture. Hematite staining in middle section (iron carbonate section) of the vein. Fine grained cubic pyrite within vein. Strong acid reaction.		[084/87] (vein)
X926794	21-CH-C001A	Cryderman	2021-08-18	512610	5279401	Grab	Quartz vein	Quartz vein in pillow basalt. Looks like carbonate has been weathered out. Contains iron carbonate with altered fractures.	Chlorite alteration around vein margins.			
X926795	21-CH-C001B	Cryderman	2021-08-18	512610	5279401	Grab	Mafic volcanic	Fine grained strongly altered pillow mafic volcanic.				Foliation/flattening direction of pillows: [084/67]
X926796	21-CH-C002A	Cryderman	2021-08-18	483913	5270528	Grab	Mafic volcanic	Fine grained mafic volcanic. Strongly foliated. Small veinlets with pyrite that run parallel to foliation. Trace pyrite. Rotting of vesicles. Non-magnetic. Strong reaction to HCl. Flow top breccia?	Moderately carbonaeous. Strong chlorite alteration.	Small quartz carbonate veinlets.	Pyrite along margins of veinlets. Trace pyrite in host.	Foliation: [145/69]
X926797	21-CH-C002B	Cryderman	2021-08-18	483913	5270528	Grab	Quartz vein	Chalky white quartz vein. Non-magnetic. No reaction.	Strong chlorite alteration along margins. Weak oxidation on fractures.			Vein: [326/31]
X926798	21-CH-C003A	Cryderman	2021-08-18	485959	5270573	Grab	Mafic volcanic	Same as 21CH-C002A. Stronger reaction to HCl.				Foliation: [264/83]

Sample	Station	Area	Date	East	North	Type	Lithology	Notes_Lithology	Notes_Alteration	Notes_Vein	Notes_Mineralization	Structural_Measurements
X926801	21-CH-C003B	Cryderman	2021-08-18	485959	5270573	Grab	Quartz vein	Broken up quartz vein -- appears and then reappears. No reaction to HCl. Non-magnetic. Not measurable				
X926802	21-CH-C004	Cryderman	2021-08-18	485968	5270590	Grab	Quartz vein	Frost heave breccia vein. Monomictic breccia. In fine grained ultra mafic volcanic. Vein appears to be 20cm. No reaction. Non-magnetic	Weak patchy malachite staining. Chlorite alteration around vein margins.		Trace very fine grained chalcopyrite	Vein: [326/30]
X926803	21-MZ-G006A	Cryderman Trench	2021-08-18	486333	5270869	Grab	Quartz-tourmaline-Fe-carbonate vein.	11 cm wide vein exploiting pillow margins. Shows some hematite-staining and < 0.5 vol. % sulphide. Some oxidized sulphides. Non-magnetic. Photos: 1194 to 1195		Pyrite		Foliation: [236°/080°]
X926804	21-MZ-G006B	Cryderman Trench	2021-08-18	486333	5270869	Grab	Quartz-Fe-carbonate vein.	1.5 cm thick quartz-Fe-carbonate occurs along vein margins. Vein contains minor tourmaline. Vein is parallel to subparallel to 21MZ-G006A. Trace amount of disseminated sulphide. Photos: 1196		Pyrite		
X926805	21-MZ-G006C	Cryderman Trench	2021-08-18	486333	5270869	Grab	Pillow basalt.	Flattened and foliated pillow basalts. Foliation is parallel to vein. Same characteristics as earlier pillows. Disseminated trace amount of sulphide.	Strong chloritization. Moderate to strong reaction with HCl. Some hematite-staining along fracture surfaces.	Cubic to subhedral pyrite (some is oxidized).		
X926806	21-MZ-G007A	Cryderman Trench	2021-08-18	486458	5271007	Grab	Quartz vein	Vein contains some tourmaline and 'chunks' of feldspar. Crack-seal texture. Hematite-staining along fractures in the vein. Non-magnetic. No apparent mineralization.				
X926807	21-MZ-G007B	Cryderman Trench	2021-08-18	486458	5271007	Grab	Quartz vein	3.5 cm thick quartz vein with minor tourmaline and hematite-staining. Crack-seal texture. Non-magnetic. Minor sulphide oxidation. Photos: 1197 and 1198. Host rock is a foliated pillow basalt. Foliation is parallel to vein.			Pyrite	Vein: [158°/082°].
X926808	21-MZ-G008A	Cryderman Trench	2021-08-18	486463	5271308	Grab	Quartz vein	10 cm thick quartz vein exploiting pillow margins. Hematite-staining occurring along vein margins and in the vein. Oxidized magnetite and minor sulphides. Photo: 1200				Vein: [273°/085°]
X926809	21-MZ-G008B	Cryderman Trench	2021-08-18	486463	5271308	Grab	Pillow basalt	Same features as before, but strongly chloritized.				
X926810	21-MZ-G009A	Cryderman Trench	2021-08-18	486478	5271402	Grab	Quartz vein	22 cm thick undulating quartz vein with patches of tourmaline. Patchy weak magnetism. Non-carbonaceous. No apparent mineralization. Photo: 1201.				Vein: [048°/040°]
X926811	21-MZ-G009B	Cryderman Trench	2021-08-18	486478	5271402	Grab	Pillow basalt	Same features as before, but strongly chloritized. Non-magnetic. Trace amounts of sulphide. Moderate to strong hematite-staining along fractures.			Pyrite	
X926812	21-CRY-011	Cryderman [New Claims]	2021-08-19	486175	5271336	Grab	Basalt	Fine grained. Foliated.	Strongly chloritized.	Quartz vein 1-3cm wide. White to slightly smoky grey, and strongly hematized. Chlorite inclusions within the vein. Some trace fine grained to blebby pyrite along vein margins in host rock that follows foliation planes. Vein also has inclusions of the host rock. Does not react to acid.		
X926813	21-CRY-012	Cryderman [New Claims]	2021-08-19	486191	5271353	Grab	Basalt	Fine grained and foliated.	Strongly chloritized.	Quartz vein that pinches and swells from 3-10cm wide. White to bull white in colour. Hematite staining along grain boundaries. No apparent mineralization within the vein. Does not react to acid. Wall rock fragments present within the vein along with chlorite inclusions.		[264/25] (vein)
X926814	21-CRY-013	Cryderman [New Claims]	2021-08-19	486167	5271311	Grab	Basalt	Fine grained and foliated.	Moderately chloritized.	Quart vein. Pinches and swells from 3-10xm wide. White to bull white in colour. Chlorite and host rock inclusions within the vein. Hematite staining along grain boundaries and some patches on vein fracture surfaces. No apparent mineralization.		[084/84] (vein)
X926815	21-CRY-014A	Cryderman [New Claims]	2021-08-19	486147	5271286	Grab	Basalt	Fine grained, strongly foliated.	Moderately chloritized.	Quartz carbonate biotite tourmaline vein with crack seal texture. 5-10cm wide. White to bull white in colour. Iron carbonate along vein margins. Some hematite staining along grain boundaries. Second quartz vein is thinner, 3-4cm wide. Extensional veinlets 1-2mm wide connect both veins (see 14B). No sulphides within the two larger quartz veins, they are concentrated along the margins and in the wall rock.		[310/80] (veins)
X926816	21-CRY-014B	Cryderman [New Claims]	2021-08-19	486147	5271286	Grab	Basalt	Fine grained and foliated.	Moderately chloritized.	Extensional veins/veinlets are mm scale to 0.5cm wide. Quartz carbonate tourmaline chlorite/biotite veins. Medium grained to fine grained blebby sulphides concentrated in veinlets and the wall rock, about 2 vol %, mainly pyrite.		

Sample	Station	Area	Date	East	North	Type	Lithology	Notes_Lithology	Notes_Alteration	Notes_Vein	Notes_Mineralization	Structural_Measurements
X926817	21-CRY-015	Cryderman [New Claims]	2021-08-19	486129	5271267	Grab	Basalt	Fine grained.	Moderately chloritized.	Old trench trending 020 degrees. Quartz vein that is bull white in colour. Inclusions of basalt host rock in vein. Crack seal texture. Hematite staining along grain boundaries. Iron carbonate along grain boundaries. Chlorite inclusions within the vein. Some associated with sulphides, blebby to fine grained pyrite, many of which follow the grain boundaries. Non magnetic. Some sulphides (blebby to cubic pyrite) are also within the wall rock. Vein is 15-20cm and pinches and swells.		[084/85] (vein)
X926818	21-CRY-016	Cryderman [New Claims]	2021-08-19	486063	5271256	Grab	Basalt	Fine grained.	Moderately chloritized.	Quartz carbonate chlorite vein. 15-25cm wide. White/bull white in colour. Some hematite staining along grain margins. Chlorite inclusions and iron carbonate patches present. No visible sulphides. Acid reacts strongly with iron carbonate.		[072/85] (vein)
X926819	21-CRY-017	Cryderman [New Claims]	2021-08-19	485990	5271301	Grab	Basalt	Fine grained, moderately foliated.	Moderately chloritized.	Quartz vein. 1-2cm wide. Some oxidation and hematite staining along grain boundaries. White to bull white in colour. No apparent mineralization.		
X926820	21-MZ-G010A	Cryderman Trench	2021-08-19	486418	5270792	Grab	Quartz-tourmaline vein	7 m thick quartz-tourmaline vein. Moderate local reaction with HCl. Weak local magnetism. Vein is undulating. No apparent mineralization. Foliated pillow basalt host rock-- undulating foliation. Foliation is parallel to subparallel to the vein. Photo: 1202				Vein: [242° or 62°/near vertical dip]
X926821	21-MZ-G010B	Cryderman Trench	2021-08-19	486418	5270792	Grab	Quartz vein	Approx. 3.5 cm thick quartz vein with minor tourmaline. Moderate to strong hematite-staining in the vein and along margins. Oxidized sulphides present. Non magnetic. Veins merge and diverge. Pillow basalt host rock			Pyrite	
X926822	21-MZ-G011	Cryderman Trench	2021-08-19	486408	5270813	Grab	Quartz vein	Approx. 8cm thick quartz vein. White coloured and crystalline. Minor hematite-staining in the vein. No reaction to HCl. Weak to moderate patchy magnetism. Host rock is flattened pillow basalts. Same characteristics as previous pillow basalts, with foliation parallel to the vein. Photo: 1203				Vein : [243°/076°]
X926823	21-CH-C006	Cryderman	2021-08-19	485634	5270917	Grab	Intermediate volcanic	Leucocratic intermediate volcanic. Moderately foliated. Non-magnetic. Trace disseminated sulphides. With 2 vein sets. Weak reaction to HCl.	Moderate chlorite alteration in host rock and around quartz vein margins. Weakly carbonatious.	2 vein sets: vertical vein is sheared. Linear vein is not.	Trace disseminated sulphides (probably pyrite)	Foliation: [178/76]. Shear vein: [240/72]. Linear vein: [059/34]
X926826	21-CH-C007A	Cryderman	2021-08-19	485648	5270885	Grab	Intermediate volcanic	Fine grained intermediate volcanic with shear quartz vein stretching upwards through rock. Moderate reaction to HCl on fracture surfaces. Non-magnetic. Chlorite slip planes present.	Moderate chloritization of biotite and amphiboles. Moderately carbonatious			Foliation: [355/60]
X926827	21-CH-C007B	Cryderman	2021-08-19	485648	5270885	Grab	Quartz vein	Vertical shear vein in fine grained intermediate volcanic host rock. Crack seal	Strong chlorite alteration along vein margins.			Vein: [223/58]
X926828	21-CH-C007C	Cryderman	2021-08-19	485648	5270885	Grab	Quartz vein	Secondary vertical shear vein in fine grained intermediate volcanic host rock.	Strong chlorite alteration along vein margins.			Vein: [091/79]
X926829	21-CH-C009A	Cryderman	2021-08-19	485754	5271060	Grab	Quartz vein	Quartz carbonate vein in mafic volcanic. Inconsistent therefore could not be measured. Non-magnetic. Moderate reaction to HCl.	Strong chlorite alteration along vein margins. Moderately carbonatious			***40 meters away there are pillows again with a topping direction of 5 degrees
X926830	21-CH-C009B	Cryderman	2021-08-19	485754	5271060	Grab	Mafic volcanic	Fine grained mafic volcanic. Strongly foliated. Strong reaction to HCl. Non-magnetic.	Strong chlorite alteration			Foliation: [060/76]
X926831	21-CH-C010	Cryderman	2021-08-19	485828	5271021	Grab	Mafic volcanic	Fine grained mafic volcanic. Strongly foliated. Oxidized near surface. Non-magnetic. Extensional quartz veinlets favouring fractures. Mineral lineation of calcite/pyrite along foliation. Strong patchy reaction to HCl.	Hematite alteration on surface. Moderate chlorite alteration. Carbonatious in patches	Extensional quartz veinlets	1-2% cubic pyrite in host rock favouring fractures. Fine grained pyrite along lineations	Foliation: [090/86]. Veinlets: [013/84]
X926832	21-CH-C012	Cryderman	2021-08-20	486517	5270286	Grab	Intermediate volcanic	Fine grained intermediate volcanic. Weakly foliated. Non-magnetic. HCl reaction on veinlet margins. Disseminated pyrite (trace).	Weak pervasive chlorite alteration		Trace disseminated pyrite	Foliation: [235/74]
X926833	21-CH-C014A	Cryderman	2021-08-20	486553	5270303	Grab	Mafic volcanic	Fine grained mafic volcanic with massive quartz vein. Moderate foliation. Non-magnetic. Moderate reaction to HCl. Foliation and vein are parallel	Moderate chlorite alteration.			Foliation: [266/58]
X926834	21-CH-C014B	Cryderman	2021-08-20	486553	5270303	Grab	Quartz vein	Very large ~40cm chalky white quartz vein. No reaction to HCl. Oxidized on fracture surfaces.	Chlorite alteration around vein margins.			Vein: [266/58]
X926835	21-CH-C015A	Cryderman	2021-08-20	486144	5270549	Grab	Quartz vein	Top of a chalky white quartz vein. Reacts to HCl on oxidized/stained surfaces. No noticeable mineralization.	Moderate chlorite alteration around vein margins.			Vein: [270/43]

Sample	Station	Area	Date	East	North	Type	Lithology	Notes_Lithology	Notes_Alteration	Notes_Vein	Notes_Mineralization	Structural_Measurements
X926836	21-CH-C015B	Cryderman	2021-08-20	486144	5270549	Grab	Mafic volcanic	Fine grained mafic volcanic. Strongly foliated. Foliation is parallel to vein. Moderate reaction to HCl on fractures. Non-magnetic. Chalcopyrite (1-2%). Quartz carbonate veinlets.	Hematite staining on vein margins. Malachite staining on vein margins. Moderate carbonate alteration on fractures. Moderate chlorite alteration			Foliation: [270/43]
X926837	21-CH-C015C	Cryderman	2021-08-20	486144	5270549	Grab	Quartz vein	Same quartz vein as 21CH-015A but the bottom of it. Chalky white quartz vein. Oxidized around sulphides. Chalcopyrite (2%) and pyrite (trace). Reaction to HCl along vein margins. Possible visible gold?	Moderate malachite staining. Hematite alteration around sulphides. Carbonate alteration around margins.		2% chalcopyrite, trace pyrite, trace gold???	Vein: [270/43]
X926838	21-CH-C016	Cryderman	2021-08-20	486099	5270500	Grab	Quartz vein	Quartz vein in same rock as 21CH-C015B. Trace chalcopyrite. Strong reaction to HCl on margins and fractures.	Patchy chlorite alteration		Trace chalcopyrite	Vein: [264/80]. Foliation: [285/72]
X926839	21-CH-C017	Cryderman	2021-08-20	486094	5270402	Grab	Quartz carbonate iron shear zone	Quartz carbonate iron shear zone. Reacts to HCl where oxidized. Veinlets crosscutting shear structure. Strongly foliated mafic volcanic host rock. Very rotted looking but strongly silicified. Quartz carbonate appears marbleized and slightly massive. Non-magnetic.	Stong chlorite alteration. Moderately silicified. Moderate epidote alteration. Hematite staining in fractures and margins of veins.	Quartz carbonate veinlets crosscutting section		Foliation: [145/84]. Quartz carb veinlets: [185/88].

APPENDIX B

Sample Location Map


2021_Cryderman_Samples
leases
Cryderman_claims
485500
486000
486500
487000
5272500
5272000
5271500
5271000
5270500
5270000
X926788
X926789
X926786
X926787
X926784
X926785
550839
X926790
X926791
X926783
X926793
X926810
X926811
550846
X926813
X926812
X926808
X926809
X926792
X926814
X926815
X926816
X926819
X926817
X926818
LEA-19859
LEA-19819
MACMURCHY
X926829
X926830
LEA-19561
X926831
X926806
X926807
X926823
X926803
X926804
X926805
X926826
X926827
X926828
LEA-19858
X926822
X926820
X926821
LEA-19860
X926798
X926801
X926802
X926835
X926836
X926837
X926796
X926797
X926838
X926794
X926795
LEA-19861
X926839
X926833 X926834
X926832
FAWCETT
N
0 75 150 225 300 375
Meters
Transition Metals Corp.
Cryderman Property
2021 Samples
UTM Zone 17: NAD 83
scale 1:5 000
March 2022

APPENDIX C

Assay certificates

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: **TRANSITION METALS CORP.**
9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

Finalized Date: 13-SEP-2021
Account: TRAMET

CERTIFICATE SD21221782

Project: Cryderman

This report is for 57 samples of Rock submitted to our lab in Sudbury, ON, Canada on 23-AUG-2021.

The following have access to data associated with this certificate:

JAKE BURDEN GRANT MOURRE	GREG COLLINS BEN WILLIAMS	THOMAS HART

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-23	Pulp Login - Rcvd with Barcode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS61	48 element four acid ICP-MS	
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

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

Signature:

Saa Traxler, General Manager, North Vancouver

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To: TRANSITION METALS CORP.
9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

Finalized Date: 13-SEP-2021
Account: TRAMET

Project: Cryderman

CERTIFICATE OF ANALYSIS SD21221782

Sample Description	Method	WEI-21	Au-ICP21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
X926783		0.85	<0.001	0.03	1.49	0.3	10	0.10	0.01	2.09	0.07	1.57	11.3	41	0.09	4.1
X926784		1.23	<0.001	0.02	6.13	1.0	30	0.66	0.01	5.02	0.16	20.2	30.8	9	0.08	47.6
X926785		0.57	<0.001	0.03	1.86	0.6	20	0.30	0.01	0.77	0.07	13.90	6.6	34	0.06	7.3
X926786		1.44	<0.001	0.02	3.82	0.9	50	0.27	0.01	2.39	0.07	12.80	23.2	31	0.15	93.8
X926787		1.47	<0.001	0.02	6.62	1.0	60	0.43	0.02	4.73	0.07	16.10	36.4	29	0.13	85.6
X926788		0.52	<0.001	0.04	5.28	3.0	90	0.46	0.02	2.51	0.08	16.95	32.7	34	0.47	40.5
X926789		1.81	<0.001	0.02	2.90	1.0	30	0.38	<0.01	0.78	0.07	11.50	12.1	20	0.09	28.5
X926790		1.02	0.115	0.10	5.84	25.8	110	0.72	0.02	2.92	0.13	21.7	33.8	19	0.62	63.9
X926791		1.07	0.024	0.11	5.17	2.3	400	0.94	0.04	1.40	0.18	11.50	22.6	18	0.78	44.5
X926792		0.67	0.109	0.18	1.96	12.5	70	0.37	0.01	0.30	2.22	6.09	11.1	30	0.36	24.3
X926793		2.10	0.005	0.06	0.42	0.9	40	0.11	<0.01	8.03	0.35	6.29	3.5	23	0.07	427
X926794		0.98	<0.001	0.01	8.52	0.9	120	0.42	0.01	1.41	0.14	4.75	47.0	297	0.30	19.5
X926795		1.19	<0.001	0.04	1.06	0.6	30	0.07	0.01	0.18	0.07	0.94	5.9	68	0.11	8.4
X926796		1.43	0.001	0.04	8.33	2.3	20	0.28	0.02	3.27	0.16	10.60	43.5	255	0.08	110.0
X926797		1.68	0.001	0.02	0.16	0.7	10	<0.05	<0.01	0.06	0.03	0.37	0.8	23	0.09	4.0
X926798		1.34	<0.001	0.04	2.30	0.9	20	0.05	<0.01	4.34	0.09	1.07	12.3	109	0.05	34.1
X926799		0.07	2.51	4.77	5.56	19.5	350	1.09	0.08	4.14	0.34	24.6	10.7	25	5.91	73.2
X926800		0.17	<0.001	0.03	0.22	0.7	20	0.09	0.02	0.03	<0.02	4.79	0.5	25	0.23	1.7
X926801		1.57	0.004	0.06	3.56	0.7	<10	0.08	<0.01	3.24	0.09	0.41	17.6	135	0.05	49.5
X926802		1.54	0.074	0.09	3.61	12.3	30	0.07	0.02	4.38	0.10	1.12	18.2	184	0.23	4.6
X926803		1.18	0.005	0.03	0.51	1.8	10	0.10	0.02	0.19	0.06	0.26	2.6	39	0.06	11.7
X926804		0.80	0.095	0.02	2.16	1.9	50	0.19	0.01	2.91	0.13	3.50	14.7	55	0.21	86.3
X926805		1.14	0.001	0.01	8.05	1.7	30	0.59	0.04	2.49	0.08	14.60	43.1	119	0.39	84.1
X926806		1.57	<0.001	0.04	0.55	0.6	50	0.19	<0.01	0.03	0.03	0.29	1.2	34	0.12	1.5
X926807		1.07	<0.001	0.04	0.80	1.8	70	0.25	0.01	0.14	0.06	1.03	2.6	30	0.17	9.4
X926808		0.85	<0.001	0.02	1.65	2.2	40	0.34	0.03	0.26	0.06	14.20	11.5	21	0.12	61.6
X926809		0.85	<0.001	0.02	6.61	4.1	30	0.80	0.03	1.80	0.10	33.7	33.0	16	0.19	71.5
X926810		1.36	<0.001	0.02	0.81	1.0	10	<0.05	<0.01	0.53	0.02	1.31	4.4	36	0.07	2.3
X926811		1.13	<0.001	0.02	5.26	2.9	50	0.59	0.03	0.89	0.03	4.43	46.8	44	0.93	13.8
X926812		2.01	<0.001	0.06	1.24	1.8	20	0.05	<0.01	0.44	0.36	0.87	8.9	16	0.10	144.0
X926813		1.61	<0.001	0.03	0.28	0.8	20	<0.05	<0.01	0.04	0.04	2.96	1.9	25	0.07	1.4
X926814		2.19	<0.001	0.05	0.51	<0.2	40	0.09	<0.01	0.93	0.05	0.88	2.4	42	0.08	2.4
X926815		1.96	0.047	0.07	2.54	1.3	120	0.52	0.02	1.85	0.22	11.05	10.1	28	0.54	38.6
X926816		1.17	0.012	0.11	4.81	2.2	210	0.92	0.04	3.62	0.40	11.80	19.0	16	0.97	70.0
X926817		1.74	6.18	1.01	1.50	1.8	100	0.47	0.02	1.78	0.07	1.81	4.2	44	0.46	37.5
X926818		1.51	<0.001	0.08	0.17	<0.2	20	0.06	<0.01	0.22	0.03	0.63	0.4	49	0.14	1.3
X926819		0.65	0.001	0.02	5.99	2.4	590	1.46	0.01	3.21	0.44	13.50	21.6	24	1.19	27.3
X926820		1.06	<0.001	0.03	2.09	1.2	10	0.43	0.01	0.25	0.07	1.54	5.2	32	0.05	40.8
X926821		0.80	0.003	0.05	2.69	2.6	550	0.46	0.02	0.39	0.14	4.34	8.2	52	0.61	4.6
X926822		1.64	<0.001	0.03	0.02	1.1	10	<0.05	<0.01	0.06	0.08	0.21	0.2	28	0.05	1.8

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

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To: TRANSITION METALS CORP.
9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

Finalized Date: 13-SEP-2021
Account: TRAMET

Project: Cryderman

CERTIFICATE OF ANALYSIS SD21221782

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
X926783		3.12	4.78	0.05	0.2	0.023	0.02	0.6	8.3	0.83	651	2.69	0.19	0.3	10.7	100
X926784		11.45	18.25	0.10	2.2	0.124	0.03	7.7	14.4	1.68	2290	0.30	2.22	4.7	10.2	1090
X926785		2.69	4.49	0.06	0.3	0.027	0.02	5.0	2.7	0.38	803	2.43	0.39	0.7	3.9	280
X926786		6.28	10.85	0.07	0.8	0.064	0.11	4.5	16.0	1.11	992	1.36	1.02	1.8	15.9	480
X926787		10.45	18.55	0.07	1.3	0.090	0.13	5.6	26.0	1.92	1420	0.45	2.01	3.5	26.4	790
X926788		8.59	23.4	0.06	1.1	0.076	0.23	6.5	15.5	2.25	1340	0.92	1.47	2.8	20.8	570
X926789		4.45	8.81	0.06	1.3	0.040	0.05	4.0	4.2	0.47	452	1.28	1.54	2.0	6.0	850
X926790		11.50	20.1	0.07	2.0	0.106	0.57	8.4	18.8	1.33	2100	1.15	1.11	3.2	10.5	970
X926791		6.61	17.95	0.06	1.3	0.098	1.88	3.9	6.5	0.66	1070	1.14	0.46	2.4	6.6	570
X926792		3.85	6.66	<0.05	0.8	0.048	0.57	2.5	2.6	0.11	738	1.99	0.66	1.2	6.8	540
X926793		1.28	1.38	<0.05	0.1	0.115	0.10	2.4	1.2	0.12	1800	1.77	0.08	0.2	2.6	100
X926794		8.48	18.40	0.06	1.5	0.056	0.34	1.7	53.5	5.25	1460	0.71	0.89	1.6	301	390
X926795		1.71	2.22	<0.05	0.1	0.014	0.07	<0.5	6.2	0.55	596	2.79	0.11	0.3	28.3	170
X926796		7.85	15.65	0.06	0.5	0.054	0.03	3.5	33.2	4.25	1280	0.26	2.88	2.7	114.5	280
X926797		0.65	0.44	<0.05	<0.1	0.006	0.03	<0.5	1.3	0.06	123	1.34	0.03	0.1	2.4	10
X926798		2.17	3.03	<0.05	0.1	0.010	0.03	<0.5	9.3	1.64	499	1.68	0.24	0.4	41.2	60
X926799		3.16	11.00	0.07	1.7	0.049	2.48	11.5	43.8	0.96	727	6.28	0.92	2.3	11.1	660
X926800		0.67	0.55	<0.05	0.8	<0.005	0.04	2.4	7.2	0.02	83	1.79	0.04	0.6	1.6	20
X926801		2.84	4.51	0.10	0.1	0.008	0.01	<0.5	11.5	2.51	508	2.30	0.17	0.4	69.6	130
X926802		2.98	4.85	0.16	0.1	0.011	0.14	<0.5	38.1	2.31	570	1.43	0.76	0.5	84.2	110
X926803		0.89	1.08	0.10	<0.1	0.006	0.02	<0.5	2.8	0.20	157	2.56	0.09	0.1	7.8	30
X926804		3.91	5.23	0.10	0.4	0.037	0.16	1.2	10.8	0.95	987	1.89	0.51	0.4	24.9	270
X926805		10.40	21.0	0.12	2.1	0.081	0.30	5.0	44.8	3.27	1140	0.41	1.95	2.2	71.2	730
X926806		0.86	1.64	0.06	<0.1	0.008	0.19	<0.5	2.0	0.11	131	2.98	0.03	0.1	1.8	50
X926807		1.49	2.45	0.05	0.1	0.013	0.24	<0.5	4.1	0.24	378	2.36	0.02	0.2	3.2	60
X926808		3.03	5.02	0.09	0.4	0.045	0.03	5.3	6.8	0.44	367	1.64	0.59	1.3	5.0	250
X926809		9.62	19.90	0.17	0.9	0.125	0.07	11.8	24.3	1.79	1050	0.66	2.51	5.1	12.1	1050
X926810		1.40	2.25	<0.05	0.1	0.007	0.03	<0.5	3.8	0.32	304	2.79	0.29	0.3	4.2	110
X926811		10.70	19.35	0.05	1.0	0.085	0.30	1.5	57.6	4.00	1380	1.00	0.42	2.4	34.0	430
X926812		2.57	4.50	<0.05	0.1	0.014	0.01	<0.5	4.6	0.57	432	1.17	0.15	0.4	6.4	230
X926813		0.81	0.89	<0.05	0.1	0.008	0.02	1.0	1.5	0.09	270	2.08	0.08	0.2	1.8	70
X926814		1.12	1.55	<0.05	0.2	0.011	0.11	<0.5	2.1	0.14	272	3.60	0.06	0.3	2.5	60
X926815		3.91	7.59	0.09	1.3	0.041	0.90	4.0	4.9	0.41	767	2.13	0.48	2.1	3.9	490
X926816		6.89	13.55	0.08	2.4	0.078	1.66	4.1	6.7	0.65	1540	1.16	1.29	4.2	6.0	1050
X926817		2.24	5.29	0.06	0.3	0.024	0.67	0.7	4.6	0.32	400	3.62	0.03	0.5	5.2	100
X926818		0.60	0.56	<0.05	<0.1	<0.005	0.08	<0.5	0.7	0.02	129	4.43	0.02	0.1	1.2	50
X926819		8.21	23.3	0.11	2.0	0.086	0.87	4.8	11.8	1.00	1480	1.14	1.75	3.4	10.8	820
X926820		1.56	4.70	<0.05	0.1	0.033	0.02	0.6	1.2	0.45	256	2.47	0.24	0.2	9.3	20
X926821		2.74	8.19	0.07	0.4	0.030	0.48	1.4	5.3	0.59	559	2.43	0.64	0.7	14.9	140
X926822		0.48	0.08	<0.05	<0.1	<0.005	<0.01	<0.5	0.4	<0.01	89	2.40	0.02	0.1	1.1	<10

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

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To: TRANSITION METALS CORP.
9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

Finalized Date: 13-SEP-2021
Account: TRAMET

Project: Cryderman

CERTIFICATE OF ANALYSIS SD21221782

Sample Description / Method / Analyte / Units / LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
X926783	0.5	0.7	<0.002	<0.01	0.05	8.0	<1	<0.2	30.2	<0.05	<0.05	0.06	0.088	<0.02	<0.1
X926784	1.1	1.8	<0.002	0.09	0.11	30.9	1	0.9	118.5	0.27	<0.05	0.46	0.877	<0.02	0.1
X926785	1.0	0.8	<0.002	0.01	0.05	8.1	<1	0.3	37.1	<0.05	<0.05	0.17	0.144	<0.02	<0.1
X926786	0.7	5.9	<0.002	0.06	0.08	19.9	1	0.3	41.2	0.12	<0.05	0.26	0.491	0.02	0.1
X926787	0.7	6.2	<0.002	0.11	0.11	35.1	1	0.6	77.7	0.23	<0.05	0.42	0.826	0.02	0.1
X926788	2.0	14.6	<0.002	0.06	0.18	24.6	<1	0.5	180.0	0.17	<0.05	0.34	0.674	0.06	0.1
X926789	0.8	2.6	<0.002	0.03	0.06	11.6	<1	0.5	44.9	0.12	<0.05	0.27	0.427	<0.02	0.1
X926790	1.4	25.1	<0.002	0.22	0.30	28.3	1	0.7	37.9	0.20	0.05	0.50	0.573	0.13	0.1
X926791	2.3	51.5	<0.002	0.79	0.20	18.0	1	1.0	27.6	0.15	0.10	0.33	0.472	0.27	0.1
X926792	5.3	16.0	<0.002	1.14	0.26	11.5	<1	0.3	21.4	0.07	0.12	0.20	0.220	0.08	0.1
X926793	1.2	3.6	<0.002	0.09	0.06	6.3	1	<0.2	138.5	<0.05	<0.05	0.06	0.053	<0.02	<0.1
X926794	0.5	10.0	<0.002	0.01	0.13	45.6	<1	0.3	56.8	0.10	<0.05	0.26	0.315	0.06	0.1
X926795	0.5	2.7	<0.002	0.01	0.07	5.5	<1	<0.2	10.5	<0.05	<0.05	0.07	0.056	0.02	<0.1
X926796	1.1	0.4	<0.002	0.07	0.14	40.5	<1	0.5	53.6	0.16	<0.05	0.25	0.561	<0.02	0.1
X926797	0.5	1.4	<0.002	<0.01	0.09	0.9	<1	<0.2	3.3	<0.05	<0.05	0.02	0.011	<0.02	<0.1
X926798	0.6	1.0	<0.002	<0.01	<0.05	12.2	<1	<0.2	12.9	<0.05	<0.05	0.05	0.091	<0.02	<0.1
X926799	19.4	97.3	0.002	0.87	2.07	12.0	1	0.7	285	0.12	2.71	2.55	0.281	0.87	0.7
X926800	1.4	2.1	<0.002	<0.01	0.18	0.4	<1	<0.2	2.8	0.08	<0.05	1.20	0.014	0.02	0.3
X926801	2.2	0.2	<0.002	<0.01	0.26	12.4	<1	<0.2	14.7	<0.05	<0.05	0.05	0.102	<0.02	<0.1
X926802	2.4	5.5	<0.002	0.02	0.22	11.3	<1	0.2	8.0	<0.05	<0.05	0.08	0.121	0.03	<0.1
X926803	0.5	0.6	<0.002	0.07	0.09	2.9	<1	<0.2	9.7	<0.05	<0.05	0.01	0.012	<0.02	<0.1
X926804	1.0	6.2	<0.002	0.12	0.10	12.6	1	<0.2	45.4	<0.05	<0.05	0.11	0.088	0.04	<0.1
X926805	0.9	13.9	<0.002	0.08	0.15	42.3	<1	0.3	44.7	0.16	<0.05	0.46	0.414	0.05	0.1
X926806	0.5	5.5	<0.002	<0.01	0.06	1.8	<1	<0.2	4.4	<0.05	<0.05	0.01	0.010	0.02	<0.1
X926807	0.9	7.7	<0.002	0.01	0.06	2.6	<1	<0.2	4.2	<0.05	<0.05	0.03	0.037	0.03	<0.1
X926808	1.5	2.6	<0.002	0.08	0.13	8.6	<1	0.2	11.9	0.08	<0.05	0.15	0.268	<0.02	<0.1
X926809	2.6	5.0	<0.002	0.09	0.29	37.0	<1	0.9	48.1	0.33	<0.05	0.58	1.035	0.02	0.1
X926810	<0.5	0.7	<0.002	<0.01	<0.05	2.6	<1	<0.2	9.4	<0.05	<0.05	0.03	0.074	<0.02	<0.1
X926811	1.3	8.6	0.002	0.07	0.10	26.4	<1	0.4	10.5	0.15	<0.05	0.30	0.708	0.04	0.1
X926812	0.6	2.5	<0.002	0.04	<0.05	6.4	1	<0.2	30.8	<0.05	<0.05	0.04	0.081	<0.02	<0.1
X926813	0.5	1.2	<0.002	<0.01	0.06	1.3	<1	<0.2	5.3	<0.05	<0.05	0.05	0.037	<0.02	<0.1
X926814	<0.5	3.5	<0.002	<0.01	0.07	3.3	<1	0.2	15.6	<0.05	<0.05	0.03	0.068	0.03	<0.1
X926815	2.9	33.1	<0.002	0.56	0.08	12.4	<1	0.6	32.3	0.12	0.07	0.30	0.378	0.15	0.1
X926816	2.0	61.6	0.002	1.00	0.08	24.1	1	1.0	57.0	0.23	0.12	0.43	0.696	0.30	0.1
X926817	3.2	20.7	<0.002	0.14	0.08	5.2	<1	0.3	23.1	<0.05	<0.05	0.06	0.121	0.09	<0.1
X926818	<0.5	2.8	<0.002	<0.01	0.06	0.5	<1	<0.2	4.4	<0.05	<0.05	0.02	0.006	<0.02	<0.1
X926819	2.0	38.9	<0.002	0.04	0.12	26.6	<1	2.7	127.0	0.21	<0.05	0.44	0.714	0.18	0.1
X926820	1.0	0.7	<0.002	0.01	0.05	14.1	<1	0.5	60.9	<0.05	<0.05	0.09	0.037	<0.02	<0.1
X926821	1.5	20.0	<0.002	0.20	0.07	7.2	1	0.5	29.7	<0.05	<0.05	0.11	0.168	0.14	<0.1
X926822	0.7	0.2	<0.002	<0.01	<0.05	0.1	<1	<0.2	7.3	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1

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

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To: **TRANSITION METALS CORP.**
9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

Finalized Date: 13-SEP-2021
Account: TRAMET

Project: Cryderman

CERTIFICATE OF ANALYSIS SD21221782

Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
X926783		77	0.2	3.8	43	5.6	81.6	93.9
X926784		103	0.1	20.5	138	82.4		92.1
X926785		71	0.1	4.1	27	11.6		
X926786		141	0.1	6.6	77	32.1		
X926787		233	0.1	11.8	128	46.2		
X926788		192	0.1	24.3	122	41.0		
X926789		54	0.2	7.4	56	56.7		
X926790		93	10.5	15.2	144	68.6		
X926791		102	6.7	6.7	88	46.4		
X926792		43	4.4	5.7	296	35.4		
X926793		15	0.7	4.7	34	4.7		
X926794		299	0.6	6.3	113	58.4		
X926795		40	0.2	1.1	20	5.2		
X926796		287	5.8	20.5	90	11.9		
X926797		7	0.4	0.7	3	0.5		
X926798		58	0.2	3.7	21	1.8		
X926799		106	3.1	10.8	92	67.6		
X926800		2	0.1	1.5	2	23.9		
X926801		104	0.2	2.9	29	3.2		
X926802		89	2.4	4.1	34	4.7		
X926803		28	0.3	0.4	6	0.8		
X926804		69	0.3	3.0	35	12.5		
X926805		282	1.1	9.2	124	69.5		
X926806		18	0.6	0.4	7	0.5		
X926807		27	1.0	1.6	15	3.0		
X926808		28	0.3	10.8	37	12.6		
X926809		106	1.0	28.4	140	31.2		
X926810		23	0.2	2.2	17	4.8		
X926811		288	0.8	14.0	194	28.9		
X926812		51	0.1	3.6	38	2.3		
X926813		10	0.4	0.8	9	2.9		
X926814		22	0.3	1.4	10	5.7		
X926815		44	7.4	5.9	48	46.8		
X926816		71	13.4	11.2	87	83.8		
X926817		45	6.7	2.7	25	8.0		
X926818		4	0.5	0.6	3	0.6		
X926819		109	0.2	13.2	121	59.7		
X926820		152	0.2	1.8	13	2.1		
X926821		93	1.0	4.7	28	8.1		98.6
X926822		1	0.1	0.3	<2	<0.5	73.2	98.3

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To: **TRANSITION METALS CORP.**
9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

Finalized Date: 13-SEP-2021
Account: TRAMET

Project: Cryderman

CERTIFICATE OF ANALYSIS SD21221782

Sample Description	Method	WEI-21	Au-ICP21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
X926823		1.68	<0.001	0.02	8.27	2.2	20	0.06	0.01	7.29	0.11	2.83	33.3	300	<0.05	50.0
X926824		0.06	0.771	0.14	7.40	441	520	1.68	0.26	4.15	0.10	57.2	32.7	162	5.37	66.4
X926825		0.17	<0.001	0.02	0.20	1.8	20	0.08	0.15	0.05	<0.02	5.84	0.6	18	0.14	1.4
X926826		1.46	<0.001	0.01	8.69	3.6	20	0.10	0.01	7.92	0.10	2.58	31.9	335	<0.05	23.7
X926827		1.77	<0.001	0.01	0.68	0.5	10	<0.05	0.01	1.31	0.02	0.10	2.1	23	<0.05	2.6
X926828		1.32	0.003	0.02	5.70	0.4	20	<0.05	0.01	5.73	0.05	1.10	11.4	183	0.06	2.1
X926829		1.25	0.002	0.02	4.31	0.7	160	0.14	0.01	4.52	0.11	9.86	18.1	24	0.31	34.3
X926830		1.24	0.002	0.01	8.30	0.6	290	0.36	0.01	3.28	0.06	11.55	35.3	50	0.45	48.1
X926831		1.56	<0.001	0.01	8.01	1.0	180	0.27	0.04	3.39	0.13	11.10	32.6	68	0.21	44.0
X926832		1.47	<0.001	0.03	8.75	1.9	20	0.35	0.03	3.96	0.10	13.90	40.2	29	<0.05	34.4
X926833		1.54	0.003	0.03	7.81	1.9	320	0.29	0.04	2.94	0.05	8.36	41.1	49	0.48	44.9
X926834		1.18	<0.001	0.03	0.43	0.3	20	<0.05	<0.01	0.11	0.02	0.60	1.9	34	0.08	1.3
X926835		1.12	<0.001	0.04	0.08	0.4	<10	<0.05	<0.01	0.38	0.06	0.13	0.6	49	<0.05	2.4
X926836		1.81	0.015	0.13	8.57	5.6	30	0.09	<0.01	2.88	0.30	3.78	40.6	170	0.05	494
X926837		1.30	0.040	0.33	2.54	7.0	10	<0.05	0.01	1.65	0.66	1.06	13.3	84	<0.05	648
X926838		1.30	0.002	0.03	4.41	5.2	20	0.12	0.02	4.85	0.16	2.45	11.8	96	0.11	29.0
X926839		1.58	<0.001	0.01	0.30	1.1	20	0.11	<0.01	18.65	0.15	0.86	7.1	11	<0.05	8.0

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To: **TRANSITION METALS CORP.**
9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

Finalized Date: 13-SEP-2021
Account: TRAMET

Project: Cryderman

CERTIFICATE OF ANALYSIS SD21221782

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
X926823		5.56	11.80	0.13	0.4	0.042	0.02	1.0	9.7	5.06	1120	0.27	1.60	0.8	92.1	110
X926824		7.79	18.40	0.15	3.5	0.065	1.44	29.4	24.8	3.09	1740	3.63	1.61	17.8	112.5	1440
X926825		0.61	0.49	0.05	0.9	<0.005	0.04	3.2	7.9	0.04	78	1.14	0.04	0.7	1.7	20
X926826		5.73	11.65	0.09	0.4	0.037	0.02	0.9	8.8	5.33	1160	0.17	1.51	0.7	98.5	90
X926827		0.72	0.88	0.05	<0.1	<0.005	0.01	<0.5	1.5	0.32	166	1.15	0.07	0.1	4.6	10
X926828		2.66	8.36	0.09	0.2	0.016	0.03	<0.5	4.3	1.90	612	1.25	0.21	0.3	34.1	60
X926829		4.04	5.59	0.08	0.7	0.035	0.22	4.6	10.8	2.14	1230	0.55	0.45	0.7	37.3	170
X926830		5.61	11.90	0.10	1.9	0.031	0.43	4.9	22.4	3.10	884	0.32	1.00	1.8	75.3	330
X926831		5.01	11.20	0.08	1.4	0.030	0.24	4.7	17.6	2.86	1540	0.26	3.11	1.3	95.5	330
X926832		6.98	12.70	0.09	1.2	0.029	0.01	6.1	11.9	4.15	1460	0.46	1.67	3.1	79.1	300
X926833		6.47	12.35	0.09	1.0	0.036	1.10	3.4	20.2	3.82	1120	0.50	1.75	3.2	92.4	300
X926834		0.65	0.62	<0.05	0.1	<0.005	0.06	<0.5	1.5	0.19	115	2.62	0.08	0.2	4.9	30
X926835		0.50	0.15	<0.05	<0.1	<0.005	0.01	<0.5	0.5	0.04	86	3.88	0.03	0.1	1.9	10
X926836		8.04	11.70	0.06	0.3	0.061	0.02	1.3	17.3	5.06	1400	0.24	2.91	1.3	75.6	220
X926837		2.61	3.30	0.05	0.1	0.054	0.01	<0.5	4.9	1.44	406	2.84	0.83	0.4	24.3	70
X926838		2.56	8.19	0.07	0.1	0.027	0.03	1.0	5.9	0.97	849	1.05	0.97	0.3	44.5	110
X926839		5.58	0.97	<0.05	<0.1	0.011	0.03	<0.5	3.6	9.29	1220	0.17	0.02	0.1	109.0	40

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To: **TRANSITION METALS CORP.**
9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

Project: Cryderman

CERTIFICATE OF ANALYSIS SD21221782

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
X926823		0.6	0.2	<0.002	<0.01	0.38	32.0	<1	0.2	90.7	0.05	<0.05	0.09	0.238	<0.02	<0.1
X926824		11.7	75.0	<0.002	0.63	0.93	16.8	1	2.9	291	1.12	0.05	8.37	0.799	0.40	1.7
X926825		2.1	1.7	<0.002	<0.01	0.22	0.5	<1	0.2	3.4	0.08	<0.05	1.38	0.014	<0.02	0.4
X926826		1.2	0.2	<0.002	<0.01	0.30	44.6	<1	0.2	75.4	0.05	<0.05	0.09	0.229	<0.02	<0.1
X926827		<0.5	0.3	<0.002	<0.01	<0.05	0.9	<1	<0.2	4.9	<0.05	<0.05	0.01	0.006	<0.02	<0.1
X926828		0.5	0.7	<0.002	<0.01	0.12	13.3	<1	<0.2	33.6	<0.05	<0.05	0.04	0.085	<0.02	<0.1
X926829		0.6	8.0	<0.002	0.02	0.05	15.9	<1	0.2	39.8	0.05	<0.05	0.26	0.073	0.05	0.1
X926830		0.7	5.9	<0.002	0.01	0.07	31.6	<1	0.4	71.4	0.14	<0.05	0.56	0.182	0.09	0.1
X926831		1.3	7.8	<0.002	0.05	<0.05	23.1	<1	0.3	59.6	0.09	<0.05	0.52	0.133	0.06	0.1
X926832		1.2	0.1	<0.002	<0.01	0.07	28.9	<1	0.6	101.5	0.24	<0.05	0.68	0.298	<0.02	0.2
X926833		1.4	11.4	<0.002	0.06	0.05	28.2	<1	0.6	38.6	0.24	<0.05	0.51	0.291	0.17	0.2
X926834		0.7	2.2	<0.002	<0.01	<0.05	0.8	<1	<0.2	3.1	<0.05	<0.05	0.03	0.017	<0.02	<0.1
X926835		6.5	0.3	<0.002	<0.01	<0.05	0.4	<1	<0.2	2.2	<0.05	<0.05	0.01	<0.005	<0.02	<0.1
X926836		2.4	0.2	<0.002	0.03	0.05	51.6	1	0.3	19.4	0.08	<0.05	0.12	0.400	<0.02	<0.1
X926837		10.2	0.2	<0.002	0.06	0.24	11.7	1	<0.2	5.6	<0.05	<0.05	0.05	0.111	<0.02	<0.1
X926838		3.1	1.0	<0.002	0.01	0.40	12.4	<1	0.2	127.0	<0.05	<0.05	0.05	0.067	<0.02	<0.1
X926839		0.7	0.8	<0.002	<0.01	0.06	2.3	1	<0.2	97.8	<0.05	<0.05	0.01	0.011	<0.02	<0.1

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

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: **TRANSITION METALS CORP.**
9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

Finalized Date: 13-SEP-2021
Account: TRAMET

Project: Cryderman

CERTIFICATE OF ANALYSIS SD21221782

Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
X926823		189	0.1	12.9	54	8.1		
X926824		139	1.6	22.9	125	134.0		
X926825		2	0.1	1.7	2	25.2		
X926826		191	0.1	12.1	53	7.8		
X926827		18	0.1	0.4	6	<0.5		
X926828		73	0.1	4.8	27	4.4		
X926829		74	0.1	3.3	47	28.5		
X926830		142	0.1	5.6	69	81.3		
X926831		122	0.1	6.7	79	57.5		
X926832		147	0.1	11.3	87	48.6		
X926833		142	0.3	8.5	87	39.3		
X926834		7	0.2	0.3	6	2.6		
X926835		3	0.2	0.2	2	0.5		
X926836		278	0.1	15.9	91	7.2		
X926837		78	0.2	4.7	43	2.4		
X926838		103	0.4	8.4	30	5.1		
X926839		31	<0.1	3.3	53	1.7		

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To: **TRANSITION METALS CORP.**
9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

Finalized Date: 13-SEP-2021
Account: TRAMET

Project: Cryderman

CERTIFICATE OF ANALYSIS SD21221782

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-ICP21	ME-MS61

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To: **TRANSITION METALS CORP.**
9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

Finalized Date: 13-SEP-2021
Account: TRAMET

QC CERTIFICATE SD21221782

Project: Cryderman

This report is for 57 samples of Rock submitted to our lab in Sudbury, ON, Canada on 23-AUG-2021.

The following have access to data associated with this certificate:

JAKE BURDEN GRANT MOURRE	GREG COLLINS BEN WILLIAMS	THOMAS HART

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-23	Pulp Login - Rcvd with Barcode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS61	48 element four acid ICP-MS	
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

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

Signature:

Saa Traxler, General Manager, North Vancouver

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To: **TRANSITION METALS CORP.**
9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

Finalized Date: 13-SEP-2021
Account: TRAMET

Project: Cryderman

QC CERTIFICATE OF ANALYSIS SD21221782

Sample Description / Method / Analyte / Units / LOD	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
STANDARDS															
EMOG-17		70.4	4.85	611	230	1.90	5.64	2.03	21.6	51.6	775	58	7.59	8550	5.12
Target Range - Lower Bound		60.9	4.18	522	310	1.60	5.31	1.72	18.15	42.9	686	49	6.56	7750	4.42
Upper Bound		74.5	5.13	638	440	2.06	6.51	2.12	22.2	52.5	838	62	8.12	8910	5.42
GPP-14	0.937														
Target Range - Lower Bound	0.853														
Upper Bound	0.965														
KIP-19	2.50														
Target Range - Lower Bound	2.28														
Upper Bound	2.58														
MRGeo08		4.45	7.54	32.9	1090	3.71	0.64	2.67	2.17	75.2	20.7	93	13.05	611	3.95
MRGeo08		4.28	7.23	34.3	1080	3.24	0.66	2.70	2.31	64.3	19.1	90	11.90	614	3.95
Target Range - Lower Bound		3.93	6.64	29.5	920	2.98	0.58	2.35	2.00	66.2	17.7	81	11.20	587	3.55
Upper Bound		4.83	8.14	36.5	1270	3.76	0.73	2.90	2.48	81.0	21.9	102	13.80	675	4.37
OREAS 905		0.55	7.48	34.3	2710	3.22	5.54	0.60	0.33	97.3	15.6	21	6.74	1475	4.00
OREAS 905		0.52	7.66	35.8	2810	2.91	5.50	0.63	0.35	95.3	14.5	20	6.87	1515	4.22
Target Range - Lower Bound		0.46	6.67	31.0	2280	2.69	5.14	0.52	0.30	82.8	13.2	16	6.05	1425	3.66
Upper Bound		0.58	8.17	38.4	3110	3.39	6.30	0.66	0.42	101.0	16.4	22	7.51	1640	4.50
OREAS 920		0.09	7.91	6.0	560	2.90	0.85	0.52	0.06	97.8	15.1	86	8.81	116.5	4.14
Target Range - Lower Bound		0.08	6.91	4.6	450	2.54	0.61	0.44	0.04	84.6	13.9	75	7.72	104.0	3.72
Upper Bound		0.13	8.47	6.1	640	3.22	0.77	0.56	0.12	103.5	17.3	93	9.54	120.0	4.56
OREAS-45h	0.039														
Target Range - Lower Bound	0.038														
Upper Bound	0.044														
BLANKS															
BLANK	<0.001														
Target Range - Lower Bound	<0.001														
Upper Bound	0.002														
BLANK		<0.01	<0.01	<0.2	<10	<0.05	<0.01	<0.01	<0.02	0.01	<0.1	1	<0.05	<0.2	<0.01
BLANK		<0.01	<0.01	<0.2	<10	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	0.4	<0.01
BLANK		<0.01	<0.01	0.3	<10	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2	<0.01
Target Range - Lower Bound		<0.01	<0.01	<0.2	<10	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2	<0.01
Upper Bound		0.02	0.02	0.4	20	0.10	0.02	0.02	0.04	0.02	0.2	2	0.10	0.4	0.02

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To: **TRANSITION METALS CORP.**
9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

Project: Cryderman

QC CERTIFICATE OF ANALYSIS SD21221782

Sample Description / Method / Analyte / Units / LOD	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5
STANDARDS															
EMOG-17	12.20	0.13	1.8	0.971	1.76	25.8	27.7	1.01	788	1120	1.15	14.5	7910	830	7400
Target Range - Lower Bound	10.75	0.06	1.6	0.823	1.49	20.7	23.9	0.86	670	997	0.99	12.7	6820	700	6570
Upper Bound	13.25	0.30	2.2	1.015	1.85	26.4	29.7	1.08	830	1220	1.23	15.7	8330	880	8030
GPP-14															
Target Range - Lower Bound															
Upper Bound															
KIP-19															
Target Range - Lower Bound															
Upper Bound															
MRGeo08	18.20	0.13	3.1	0.179	3.18	35.2	34.3	1.32	553	14.00	1.99	21.5	694	1050	1085
MRGeo08	18.20	0.20	3.1	0.179	3.17	31.5	30.9	1.31	558	15.20	2.03	21.4	674	1030	1070
Target Range - Lower Bound	17.50	<0.05	2.8	0.155	2.79	31.1	29.5	1.17	497	13.65	1.76	19.0	622	930	971
Upper Bound	21.5	0.28	3.6	0.201	3.43	39.1	36.5	1.45	619	16.75	2.18	23.4	760	1160	1185
OREAS 905	25.4	0.16	6.5	0.666	2.94	47.0	20.9	0.26	368	3.03	2.39	19.0	10.4	270	29.5
OREAS 905	23.6	0.21	7.0	0.666	2.99	48.2	19.6	0.27	378	3.36	2.48	18.7	10.0	270	29.5
Target Range - Lower Bound	22.5	<0.05	6.1	0.571	2.58	40.9	17.8	0.24	333	2.89	2.15	16.2	8.4	240	26.9
Upper Bound	27.7	0.28	7.6	0.709	3.18	51.1	22.2	0.31	418	3.65	2.65	20.0	10.7	320	33.9
OREAS 920	19.95	0.21	4.4	0.084	2.96	46.9	30.2	1.39	611	0.43	0.64	16.9	42.1	740	22.7
Target Range - Lower Bound	18.65	<0.05	4.0	0.070	2.59	41.0	26.0	1.23	535	0.34	0.56	15.6	37.4	670	20.7
Upper Bound	22.9	0.29	5.2	0.098	3.19	51.2	32.2	1.53	665	0.58	0.71	19.2	46.2	840	26.4
OREAS-45h															
Target Range - Lower Bound															
Upper Bound															
BLANKS															
BLANK															
Target Range - Lower Bound															
Upper Bound															
BLANK	0.05	0.07	<0.1	<0.005	<0.01	<0.5	0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5
BLANK	<0.05	<0.05	<0.1	<0.005	<0.01	<0.5	0.3	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5
BLANK	0.07	0.07	<0.1	<0.005	<0.01	<0.5	0.2	<0.01	<5	<0.05	<0.01	<0.1	0.2	<10	<0.5
Target Range - Lower Bound	<0.05	<0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5
Upper Bound	0.10	0.10	0.2	0.010	0.02	1.0	0.4	0.02	10	0.10	0.02	0.2	0.4	20	1.0

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To: **TRANSITION METALS CORP.**
9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

Project: Cryderman

QC CERTIFICATE OF ANALYSIS SD21221782

Sample Description / Method / Analyte / Units / LOD	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1
STANDARDS															
EMOG-17	119.0	0.314	3.41	852	8.0	8	2.8	210	0.90	1.41	11.55	0.347	2.37	3.3	77
Target Range - Lower Bound	98.9	0.286	2.91	643	7.2	4	2.2	184.5	0.78	1.10	10.35	0.294	1.89	2.8	67
Upper Bound	121.0	0.354	3.57	869	9.0	9	3.2	226	1.08	1.46	12.65	0.370	2.61	3.7	84
GPP-14															
Target Range - Lower Bound															
Upper Bound															
KIP-19															
Target Range - Lower Bound															
Upper Bound															
MRGeo08	197.0	0.008	0.30	4.17	11.5	1	3.6	304	1.45	<0.05	20.4	0.493	1.00	5.5	109
MRGeo08	178.0	0.010	0.30	4.53	11.5	2	4.0	304	1.45	<0.05	17.75	0.491	1.12	5.0	109
Target Range - Lower Bound	173.5	0.004	0.27	3.89	11.1	<1	3.5	277	1.39	<0.05	17.90	0.443	0.86	4.9	97
Upper Bound	212	0.013	0.35	5.39	13.7	4	4.7	339	1.81	0.12	21.9	0.553	1.21	6.2	121
OREAS 905	139.5	<0.002	0.06	1.97	4.5	3	3.7	156.0	1.24	0.09	15.50	0.121	0.69	4.9	10
OREAS 905	135.5	<0.002	0.07	1.91	4.9	3	4.0	159.0	1.33	0.07	14.65	0.122	0.74	5.0	10
Target Range - Lower Bound	124.0	<0.002	0.04	1.61	4.3	<1	3.4	141.0	1.16	<0.05	13.15	0.105	0.58	4.4	8
Upper Bound	152.0	0.004	0.09	2.29	5.5	4	4.6	173.0	1.52	0.17	16.05	0.139	0.83	5.6	13
OREAS 920	187.5	<0.002	0.03	1.52	13.5	<1	5.2	83.7	1.31	<0.05	19.40	0.494	1.00	3.6	99
Target Range - Lower Bound	158.5	<0.002	<0.01	1.22	12.8	<1	4.3	73.6	1.17	<0.05	17.35	0.434	0.73	3.3	86
Upper Bound	193.5	0.004	0.05	1.76	15.8	2	5.7	90.4	1.55	0.12	21.2	0.542	1.03	4.2	108
OREAS-45h															
Target Range - Lower Bound															
Upper Bound															
BLANKS															
BLANK															
Target Range - Lower Bound															
Upper Bound															
BLANK	<0.1	<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1
BLANK	<0.1	<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1
BLANK	<0.1	<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1
Target Range - Lower Bound	<0.1	<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1
Upper Bound	0.2	0.004	0.02	0.10	0.2	2	0.4	0.4	0.10	0.10	0.02	0.010	0.04	0.2	2

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To: TRANSITION METALS CORP.
9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

Finalized Date: 13-SEP-2021
Account: TRAMET

Project: Cryderman

QC CERTIFICATE OF ANALYSIS SD21221782

Sample Description / Method / Analyte / Units / LOD	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
STANDARDS				
EMOG-17	3.9	16.3	7760	67.2
Target Range - Lower Bound	3.3	14.3	6800	55.6
Upper Bound	4.7	17.7	8320	76.4
GPP-14				
Target Range - Lower Bound				
Upper Bound				
KIP-19				
Target Range - Lower Bound				
Upper Bound				
MRGeo08	4.6	27.3	797	107.5
MRGeo08	4.5	25.8	810	107.5
Target Range - Lower Bound	4.1	23.8	722	92.2
Upper Bound	5.8	29.3	886	126.0
OREAS 905	2.6	16.4	135	256
OREAS 905	2.8	16.0	141	254
Target Range - Lower Bound	2.3	14.0	122	214
Upper Bound	3.3	17.4	154	290
OREAS 920	3.4	34.5	122	157.5
Target Range - Lower Bound	2.5	29.8	102	128.0
Upper Bound	3.7	36.6	130	174.0
OREAS-45h				
Target Range - Lower Bound				
Upper Bound				
BLANKS				
BLANK				
Target Range - Lower Bound				
Upper Bound				
BLANK	<0.1	<0.1	<2	<0.5
BLANK	<0.1	<0.1	<2	<0.5
BLANK	<0.1	<0.1	<2	<0.5
Target Range - Lower Bound	<0.1	<0.1	<2	<0.5
Upper Bound	0.2	0.2	4	1.0

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To: **TRANSITION METALS CORP.**
9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

Finalized Date: 13-SEP-2021
Account: TRAMET

Project: Cryderman

QC CERTIFICATE OF ANALYSIS SD21221782

Sample Description / Method / Analyte / Units / LOD	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
DUPLICATES															
ORIGINAL	<0.001														
DUP	0.001														
Target Range - Lower Bound	<0.001														
Upper Bound	0.002														
ORIGINAL		0.07	6.95	3.5	1060	1.91	0.05	0.49	0.13	45.0	0.7	2	5.01	0.9	1.40
DUP		0.07	7.35	2.5	1110	1.93	0.05	0.52	0.11	49.7	0.8	3	5.33	0.9	1.47
Target Range - Lower Bound		0.06	6.78	2.7	990	1.77	0.04	0.47	0.09	45.0	0.6	<1	4.86	0.7	1.35
Upper Bound		0.08	7.52	3.4	1180	2.07	0.06	0.54	0.15	49.7	0.9	4	5.48	1.1	1.52
X926795	<0.001														
DUP	<0.001														
Target Range - Lower Bound	<0.001														
Upper Bound	0.002														
X926810		0.02	0.81	1.0	10	<0.05	<0.01	0.53	0.02	1.31	4.4	36	0.07	2.3	1.40
DUP		0.03	0.88	0.7	10	0.05	0.01	0.58	0.02	1.36	4.5	38	0.08	3.0	1.52
Target Range - Lower Bound		<0.01	0.79	0.6	<10	<0.05	<0.01	0.52	<0.02	1.26	4.1	34	<0.05	2.4	1.38
Upper Bound		0.04	0.90	1.1	20	0.10	0.02	0.59	0.04	1.41	4.8	40	0.10	2.9	1.54
X926815	0.047														
DUP	0.051														
Target Range - Lower Bound	0.046														
Upper Bound	0.052														
ORIGINAL		0.03	6.64	6.3	350	1.66	0.39	2.49	<0.02	41.1	5.2	27	3.82	4.2	3.83
DUP		0.03	6.75	4.7	350	1.62	0.40	2.53	<0.02	42.9	5.2	28	3.75	3.9	3.96
Target Range - Lower Bound		0.02	6.35	5.0	310	1.51	0.37	2.37	<0.02	39.9	4.8	25	3.55	3.7	3.69
Upper Bound		0.04	7.04	6.0	390	1.77	0.42	2.65	0.04	44.1	5.6	30	4.02	4.4	4.10

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

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: **TRANSITION METALS CORP.**
9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

Finalized Date: 13-SEP-2021
Account: TRAMET

Project: Cryderman

QC CERTIFICATE OF ANALYSIS SD21221782

Sample Description / Method / Analyte / Units / LOD	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5
DUPLICATES															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL	13.90	0.12	3.3	0.036	3.01	21.0	41.7	0.14	923	0.27	2.62	8.5	0.4	190	12.8
DUP	15.00	0.13	3.6	0.038	3.09	23.2	43.4	0.15	993	0.29	2.72	9.1	0.4	200	13.0
Target Range - Lower Bound	13.70	0.07	3.2	0.030	2.89	20.5	40.2	0.13	905	0.22	2.53	8.3	<0.2	180	11.8
Upper Bound	15.20	0.18	3.7	0.044	3.21	23.7	44.9	0.16	1010	0.34	2.81	9.3	0.6	210	14.0
X926795															
DUP															
Target Range - Lower Bound															
Upper Bound															
X926810	2.25	<0.05	0.1	0.007	0.03	<0.5	3.8	0.32	304	2.79	0.29	0.3	4.2	110	<0.5
DUP	2.29	0.05	0.1	0.007	0.03	<0.5	3.5	0.35	332	2.64	0.32	0.3	4.3	120	<0.5
Target Range - Lower Bound	2.11	<0.05	<0.1	<0.005	0.02	<0.5	3.3	0.31	297	2.53	0.28	0.2	3.8	100	<0.5
Upper Bound	2.43	0.10	0.2	0.010	0.04	1.0	4.0	0.36	339	2.90	0.33	0.4	4.7	130	1.0
X926815															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL	14.40	0.15	0.5	0.062	1.51	22.8	11.7	0.71	433	2.34	2.15	5.9	9.0	280	9.7
DUP	14.15	0.14	0.5	0.059	1.53	23.8	11.1	0.72	440	2.35	2.20	5.8	8.9	280	9.6
Target Range - Lower Bound	13.50	0.08	0.4	0.052	1.43	21.6	10.6	0.67	410	2.18	2.06	5.5	8.3	260	8.7
Upper Bound	15.05	0.21	0.6	0.069	1.61	25.0	12.2	0.76	463	2.51	2.29	6.2	9.6	300	10.6

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

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QC CERTIFICATE OF ANALYSIS SD21221782

Sample Description / Method / Analyte / Units / LOD	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1
DUPLICATES															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL	125.0	<0.002	0.04	3.86	2.1	<1	1.4	135.5	0.55	<0.05	5.84	0.115	0.85	2.9	4
DUP	132.0	<0.002	0.05	2.90	2.1	<1	1.5	143.5	0.60	<0.05	6.35	0.119	0.92	3.1	4
Target Range - Lower Bound	122.0	<0.002	0.03	3.08	1.9	<1	1.2	132.5	0.50	<0.05	5.78	0.106	0.80	2.8	3
Upper Bound	135.0	0.004	0.06	3.68	2.3	2	1.7	146.5	0.65	0.10	6.41	0.128	0.97	3.3	5
X926795															
DUP															
Target Range - Lower Bound															
Upper Bound															
X926810	0.7	<0.002	<0.01	<0.05	2.6	<1	<0.2	9.4	<0.05	<0.05	0.03	0.074	<0.02	<0.1	23
DUP	0.8	<0.002	<0.01	<0.05	2.7	1	<0.2	9.6	<0.05	<0.05	0.04	0.081	<0.02	<0.1	24
Target Range - Lower Bound	0.6	<0.002	<0.01	<0.05	2.4	<1	<0.2	8.8	<0.05	<0.05	0.02	0.069	<0.02	<0.1	21
Upper Bound	0.9	0.004	0.02	0.10	2.9	2	0.4	10.2	0.10	0.10	0.05	0.086	0.04	0.2	26
X926815															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL	63.9	<0.002	0.05	3.24	10.9	<1	11.9	151.0	0.50	<0.05	10.65	0.195	0.40	1.3	66
DUP	63.8	<0.002	0.05	3.17	10.6	<1	11.8	151.5	0.51	<0.05	10.90	0.199	0.38	1.4	67
Target Range - Lower Bound	60.6	<0.002	0.04	2.91	10.1	<1	11.1	143.5	0.43	<0.05	10.25	0.182	0.34	1.2	62
Upper Bound	67.1	0.004	0.06	3.50	11.4	2	12.6	159.0	0.58	0.10	11.30	0.212	0.44	1.5	71

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9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

Finalized Date: 13-SEP-2021
Account: TRAMET

Project: Cryderman

QC CERTIFICATE OF ANALYSIS SD21221782

Sample Description / Method / Analyte / Units / LOD	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
DUPLICATES				
ORIGINAL				
DUP				
Target Range - Lower Bound				
Upper Bound				
ORIGINAL	0.7	21.4	67	112.5
DUP	0.7	23.3	69	120.0
Target Range - Lower Bound	0.5	21.1	63	107.0
Upper Bound	0.9	23.6	73	125.5
X926795				
DUP				
Target Range - Lower Bound				
Upper Bound				
X926810	0.2	2.2	17	4.8
DUP	0.2	2.3	18	4.2
Target Range - Lower Bound	<0.1	2.0	15	3.7
Upper Bound	0.3	2.5	20	5.3
X926815				
DUP				
Target Range - Lower Bound				
Upper Bound				
ORIGINAL	4.8	20.2	35	15.6
DUP	5.0	20.1	36	15.4
Target Range - Lower Bound	4.4	19.0	32	13.8
Upper Bound	5.4	21.3	39	17.2

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Finalized Date: 13-SEP-2021
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Project: Cryderman

QC CERTIFICATE OF ANALYSIS SD21221782

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-ICP21	ME-MS61

APPENDIX D

Expenses & Invoices