

Appendix E: Rock Samples Description

Formation abbreviations: WLS – Wolverine Succession

Unit abbreviations: ARG - Argillite; BIF - Magnetite ironstone; CBX - Carbonate ironstone; FLT - Felsic Volcaniclastic rocks;

RCF - Rhyolite Coherent Flow Banded rock; FSP- Fisher Porphyry

Lithology abbreviations: SDO – Sedimentary Dolomite; FRHc – Felsic Rhyolite Coherent rocks; FPO – Felsic Porphyry rocks; TFZ – Structure Fault Gouge;

SCH – Sedimentary Chert; MBAc – Mafic Basalt Coherent rocks; FRHv –Felsic Rhyolite volcaniclastic rocks; SIF – Magnetite Ironstone;

SBA Barite rich / carbonate ironstone; SMU - Mudstone

All coordinates in NAD83 UTM Zone 9N

SampleID	Sample Type	UTM_E	UTM_N	Formation	Unit	Lith Code	Minineral 1	Minineral 1 Form	Mineral 1 %	Analysis	Comments	Sampler
E00042451	GRAB	434868	6816188	WLS	RCF	FRHc				Whole Rock and Assay	Light grey to greenish grey foliated rhyolite; probable fragmental with 0.5 to 3 cm rhyolite domains seperated by 1-3 mm chlorite altered, strongly foliated interstitial domains; sample collected fro trace element analyses to compare to BIF's	R.Black
E00042452	GRAB	434809	6816180	WLS	BIF	SIF	PY	Ds	0.5	Whole Rock and Assay	Black to grey banded quartz-magnetite schist (BIF); fine grained granular magnetite locally up to ~80% up to 1m band, trace	R.Black
E00042453	GRAB	434804	6816190	WLS	BIF	SIF	PY	Eu	0.5	Whole Rock and Assay	Black, banded magnetite rich schist with locally strong Jarosite staining associated with QZ-PY veins, PY is CG euhedral crystals to 5 mm diameter.	R.Black
E00042454	FLOAT	434471	6816439	WLS	RCF	FRHc				Whole Rock and Assay	Light grey masive aphanitic rhyolite; taken from large angular boulder in creek	R.Black
E00042455	GRAB	434586	6816541	WLS	ARG	SMU				Whole Rock and Assay	Foliate mudstone; immediately below BIF	R.Black

SampleID	Sample Type	UTM_E	UTM_N	Formation	Unit	Lith Code	Mininerall 1	Mininerall 1 Form	Mineral 1 %	Analysis	Comments	Sampler
E00042456	GRAB	434605	6816560	WLS	RCF	FRHc	AS			Whole Rock and Assay	Grey well foliated rhyolite with some carbonaceous material preferentially taking up conjunctive cleavage possible analogoud to RHAR at Wolverine?	R.Black
E00042457	GRAB	434633	6816590	WLS	RCF	FRHc				Whole Rock and Assay	Massive cream to light grey porphyritic rhyolite with altered euhedral feldspar phenos to 5 mm diameter.	R.Black
E00042458	GRAB	434474	6816748	WLS	CBX	SBA				Whole Rock and Assay		R.Black
E00042460	FLOAT	433952	6816901	WLS		TFZ				Whole Rock and Assay		R.Black
E00042461	FLOAT	433963	6816876	WLS		TFZ				Whole Rock and Assay	Magnetite exhalite with magnetite and pyrite	R.Black
E00042462	GRAB	433802	6817045	WLS	FSP	FPO	AS		3	Whole Rock and Assay	Carbonate exhalite band	R.Black
E00044010	ROCK	435303	6815786	WLS	BIF	SIF	MG	DS	9	Whole Rock and Assay	Coherent uit? with moderate chlorite alt of matrix and disseminated sericite of fragments.	R.Burke
E00044011	ROCK	435310	6815787	WLS	CBX	SBA	MG			Whole Rock and Assay	Fragmental Rhyolite with Argillite matrix and chlorite alt. Amphibole and magnetite in matrix as well	R.Burke
E00044012	ROCK	434859	6816204	WLS	FLT	FRHv	PY	Ds	1	Whole Rock and Assay	Chlorite altered coherent Rhyolite with minor PY and ankerite alt.	R.Burke
E00044013	ROCK	434825	6816207	WLS	FLT	FRHv	PO	Ds	1	Whole Rock and Assay	Top of magnetite unit near coherent contact. moderate Py min. looks replacement in nature	R.Burke
E00044014	ROCK	434788	6816325	WLS	RCF	FRHc	PY	Ds	2	Whole Rock and Assay	Large outcrop of silica, pyrite anf magnetite ehalite. Magnetite lamination get thicker in the younging direction	R.Burke
E00044015	ROCK	434774	6816330	WLS	BIF	SIF	MG	Bn	9	Whole Rock and Assay		R.Burke

SampleID	Sample Type	UTM_E	UTM_N	Formation	Unit	Lith Code	Minineral 1	Minineral 1 Form	Mineral 1 %	Analysis	Comments	Sampler
E00044016	ROCK	434767	6816335	WLS	BIF	SIF	MG	Ds	9	Whole Rock and Assay	Gossaneous float of quartz and goethite. Relic py	R.Burke
E00044017	ROCK	434720	6816422	WLS	RCF	FRHc	PY	Eu	2	Whole Rock and Assay	Gossaneous vein with minor py and barite? parallel to ARG bedding. weathered	R.Burke
E00044020	FLOAT	434026	6817129	WLS	CBX	ZSS	PY	Bn	4	Whole Rock and Assay	Cross-cutting vein through sheared ARG with Fe-oxides at base of fisher porphyry.	R.Burke
E00044021	ROCK	433817	6816755	WLS	ARG	SMU	PY	Bn	1	Whole Rock and Assay	QSP altered coherent rhyolite above Fe-formation	R.Burke
E00044022	ROCK	433684	6816975	WLS	ARG	SMU				Whole Rock and Assay	Gossaneous float down slope of fe-stone outcrop. looks like altered volcanics	R.Burke
E00044023	ROCK	433924	6817216	WLS	RCF	FRHc	PY	Eu	7	Whole Rock and Assay	Fe-oxide alteration. Exhalative unit	R.Burke
E00044024	FLOAT	433794	6817235	WLS	BIF	SIF	PY	Eu	3	Whole Rock and Assay	Felsic rhyolite unit	R.Burke
E00044025	STANDARD	N/A	N/A							Assay	CDN-ME-1311: Pass	R.Burke
E00044026	BLANK	N/A	N/A							Assay	BLANK: Pass	R.Burke