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Technical Report for MNDM Assessment Purposes, Summer 2020 Diamond Drilling Program

Huronian Property

Moss Township, Thunder Bay Mining Division

Ontario, Canada

Prepared For:

Kesselrun Resources Ltd.

Prepared By:
Alexander Hughes

Contents

1 Introduction

The Huronian Property consists of 4 patents and 154 claims covering an area of 5163 hectares within Moss Township in the Thunder Bay Mining Division. The property is fully owned by Kesselrun Resources Ltd. ("**Kesselrun**") and located approximately 110 km west of Thunder Bay, Ontario along Trans-Canada Hwy 11.

Kesselrun contracted Fladgate Exploration Consulting Corporation ("**Fladgate**") to conduct a diamond drill program on its Huronian Property from July 2020 to September 2020. Fladgate provided all the required geological, geotechnical, and sub-contractor services on the program described herein. The program consisted 29 diamond drill holes totaling 3118 m drilled. The program focused on confirmation and expansion of the Fisher and Mackellar zones located on the Huronian Property.

2 Terms of Reference

This report was prepared at the request of Kesselrun for the use of filing assessment as required under the Ontario Mining Act. Unless otherwise noted, Universal Transverse Mercator ("UTM") coordinates are provided in the datum of NAD83 Zone 15 North.

3 Disclaimer

The author disclaims responsibility for portions of the current report that rely on information from historic assessment files and government maps and reports which may not have been prepared in compliance with current standards.

4 Property Description and Location

The Huronian property is located in Moss Township within the Thunder Bay Mining Division in Northwestern Ontario, approximately 110 km west of Thunder Bay (Figure 4-1). The property is centered on UTM coordinates 665,000 mE, 5,380,000 mN (NAD83 Zone 15N) and is situated within NTS map sheet 52B/10. It consists of 154 unpatented mining claims and 4 patented, covering 5163 hectares (Figure 4-2). A list of all claims and patents can be found in **Table 4-1** and **Table 4-2**

Figure 4-1 - Huronian Property

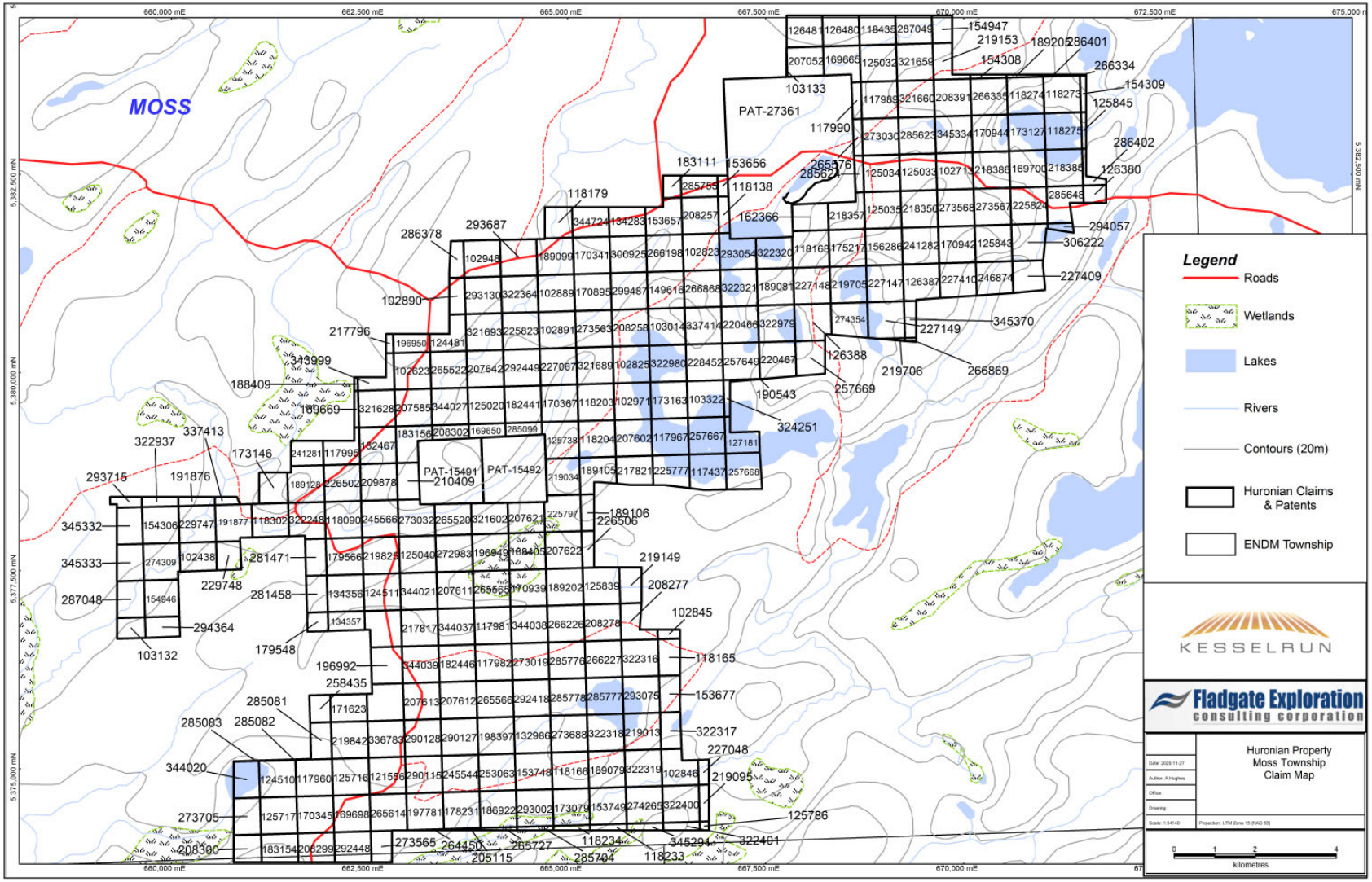

Figure 4-2 - Huronian Claim Map

Table 4-1 - Huronian Claims

Legacy Claim ID	Claim Number	Township	Units	Ha	Recording Date	Claim Due Date	% Option	Ownership
677468	125040	MOSS	1	16	1983-Jan-25	2022-01-25	100%	Kesselrun Resources Ltd.
677469	125040	MOSS	1	16	1983-Jan-25	2022-01-25	100%	Kesselrun Resources Ltd.
677470	245566	MOSS	1	16	1983-Jan-25	2022-01-25	100%	Kesselrun Resources Ltd.
677471	125040	MOSS	1	16	1983-Jan-25	2022-01-25	100%	Kesselrun Resources Ltd.
677472	118090	MOSS	1	16	1983-Jan-25	2022-01-25	100%	Kesselrun Resources Ltd.
677473	118090	MOSS	1	16	1983-Jan-25	2022-01-25	100%	Kesselrun Resources Ltd.
677474	124511	MOSS	1	16	1983-Jan-25	2022-01-25	100%	Kesselrun Resources Ltd.
677475	124511	MOSS	1	16	1983-Jan-25	2022-01-25	100%	Kesselrun Resources Ltd.
677476	118090	MOSS	1	16	1983-Jan-25	2022-01-25	100%	Kesselrun Resources Ltd.
677477	118090	MOSS	1	16	1983-Jan-25	2022-01-25	100%	Kesselrun Resources Ltd.
677478	134356	MOSS	1	16	1983-Jan-25	2022-01-25	100%	Kesselrun Resources Ltd.
677479	134356	MOSS	1	16	1983-Jan-25	2022-01-25	100%	Kesselrun Resources Ltd.
786521	178231	MOSS	1	16	1984-Jun-08	2021-06-26	100%	Kesselrun Resources Ltd.
786522	197781	MOSS	1	16	1984-Jun-08	2021-06-08	100%	Kesselrun Resources Ltd.
786523	169698	MOSS	1	16	1984-Jun-08	2020-12-13	100%	Kesselrun Resources Ltd.
786524	121556	MOSS	1	16	1984-Jun-08	2021-06-08	100%	Kesselrun Resources Ltd.
786525	121556	MOSS	1	16	1984-Jun-08	2021-06-08	100%	Kesselrun Resources Ltd.
786526	178231	MOSS	1	16	1984-Jun-08	2021-06-26	100%	Kesselrun Resources Ltd.
786527	245544	MOSS	1	16	1984-Jun-08	2022-06-26	100%	Kesselrun Resources Ltd.
786528	121556	MOSS	1	16	1984-Jun-08	2021-06-08	100%	Kesselrun Resources Ltd.
786529	121556	MOSS	1	16	1984-Jun-08	2021-06-08	100%	Kesselrun Resources Ltd.
786541	178231	MOSS	1	16	1984-Jun-26	2021-06-26	100%	Kesselrun Resources Ltd.
786542	153748	MOSS	1	16	1984-Jun-26	2021-11-04	100%	Kesselrun Resources Ltd.
786543	153748	MOSS	1	16	1984-Jun-26	2021-11-04	100%	Kesselrun Resources Ltd.
786544	186922	MOSS	1	16	1984-Jun-26	2021-06-26	100%	Kesselrun Resources Ltd.
786545	178231	MOSS	1	16	1984-Jun-26	2021-06-26	100%	Kesselrun Resources Ltd.
813157	207613	MOSS	1	16	1984-Jun-26	2021-08-06	100%	Kesselrun Resources Ltd.
813158	207612	MOSS	1	16	1984-Jun-26	2021-08-06	100%	Kesselrun Resources Ltd.
813159	198397	MOSS	1	16	1984-Jun-26	2021-06-26	100%	Kesselrun Resources Ltd.
813160	132986	MOSS	1	16	1984-Jun-26	2021-06-26	100%	Kesselrun Resources Ltd.
813161	132986	MOSS	1	16	1984-Jun-26	2021-06-26	100%	Kesselrun Resources Ltd.
813162	132986	MOSS	1	16	1984-Jun-26	2021-06-26	100%	Kesselrun Resources Ltd.
813163	118166	MOSS	1	16	1984-Jun-26	2021-11-04	100%	Kesselrun Resources Ltd.
813164	132986	MOSS	1	16	1984-Jun-26	2021-06-26	100%	Kesselrun Resources Ltd.
813165	132986	MOSS	1	16	1984-Jun-26	2021-06-26	100%	Kesselrun Resources Ltd.
813166	198397	MOSS	1	16	1984-Jun-26	2021-06-26	100%	Kesselrun Resources Ltd.
835178	134283	MOSS	1	16	1985-Nov-27	2020-11-27	100%	Kesselrun Resources Ltd.
835179	170341	MOSS	1	16	1985-Nov-27	2020-11-27	100%	Kesselrun Resources Ltd.
835184	134283	MOSS	1	16	1985-Nov-27	2020-11-27	100%	Kesselrun Resources Ltd.
835185	266198	MOSS	1	16	1985-Nov-27	2021-11-04	100%	Kesselrun Resources Ltd.

Legacy Claim ID	Claim Number	Township	Units	Ha	Recording Date	Claim Due Date	% Option	Ownership
835186	102823	MOSS	1	16	1985-Nov-27	2021-11-04	100%	Kesselrun Resources Ltd.
835187	170341	MOSS	1	16	1985-Nov-27	2020-11-27	100%	Kesselrun Resources Ltd.
835188	149616	MOSS	1	16	1985-Nov-27	2020-11-27	100%	Kesselrun Resources Ltd.
835189	102823	MOSS	1	16	1985-Nov-27	2021-11-04	100%	Kesselrun Resources Ltd.
835190	102823	MOSS	1	16	1985-Nov-27	2021-11-04	100%	Kesselrun Resources Ltd.
835195	220466	MOSS	1	16	1985-Nov-27	2021-02-07	100%	Kesselrun Resources Ltd.
835196	103014	MOSS	1	16	1985-Nov-27	2021-02-07	100%	Kesselrun Resources Ltd.
835197	103014	MOSS	1	16	1985-Nov-27	2021-02-07	100%	Kesselrun Resources Ltd.
835304	118090	MOSS	1	16	1985-Dec-03	2022-01-25	100%	Kesselrun Resources Ltd.
835305	117995	MOSS	1	16	1985-Dec-03	2020-12-03	100%	Kesselrun Resources Ltd.
835306	209878	MOSS	1	16	1985-Dec-03	2020-12-03	100%	Kesselrun Resources Ltd.
835307	182467	MOSS	1	16	1985-Dec-03	2020-12-03	100%	Kesselrun Resources Ltd.
835308	182467	MOSS	1	16	1985-Dec-03	2020-12-03	100%	Kesselrun Resources Ltd.
835309	183156	MOSS	1	16	1985-Dec-30	2020-12-30	100%	Kesselrun Resources Ltd.
835310	102623	MOSS	1	16	1985-Dec-30	2020-12-30	100%	Kesselrun Resources Ltd.
835311	124481	MOSS	1	16	1985-Dec-30	2021-05-06	100%	Kesselrun Resources Ltd.
835312	125020	MOSS	1	16	1985-Dec-30	2020-12-30	100%	Kesselrun Resources Ltd.
835313	125020	MOSS	1	16	1985-Dec-30	2020-12-30	100%	Kesselrun Resources Ltd.
863760	170895	MOSS	1	16	1985-Nov-27	2020-11-27	100%	Kesselrun Resources Ltd.
873515	125020	MOSS	1	16	1985-Dec-30	2020-12-30	100%	Kesselrun Resources Ltd.
873516	125020	MOSS	1	16	1985-Dec-30	2020-12-30	100%	Kesselrun Resources Ltd.
873517	207642	MOSS	1	16	1985-Dec-30	2020-12-30	100%	Kesselrun Resources Ltd.
873518	102891	MOSS	1	16	1985-Dec-30	2021-05-06	100%	Kesselrun Resources Ltd.
873519	170367	MOSS	1	16	1985-Dec-30	2021-10-31	100%	Kesselrun Resources Ltd.
873520	125738	MOSS	1	16	1985-Dec-30	2023-10-31	100%	Kesselrun Resources Ltd.
873522	118090	MOSS	1	16	1986-Apr-21	2022-01-25	100%	Kesselrun Resources Ltd.
1022635	102889	MOSS	3	48	1997-Feb-06	2021-05-06	100%	Kesselrun Resources Ltd.
1022636	102623	MOSS	3	48	1997-Jan-27	2020-12-30	100%	Kesselrun Resources Ltd.
1022637	117995	MOSS	2	32	1997-Jan-27	2020-12-03	100%	Kesselrun Resources Ltd.
1135465	217821	MOSS	1	16	1990-Nov-05	2020-11-05	100%	Kesselrun Resources Ltd.
1135466	189105	MOSS	1	16	1990-Nov-05	2020-11-05	100%	Kesselrun Resources Ltd.
1157496	118204	MOSS	1	16	1990-Nov-05	2023-10-31	100%	Kesselrun Resources Ltd.
1157497	117967	MOSS	1	16	1990-Nov-05	2020-11-05	100%	Kesselrun Resources Ltd.
1157666	125040	MOSS	1	16	1990-Nov-06	2022-01-25	100%	Kesselrun Resources Ltd.
1157667	196949	MOSS	1	16	1990-Nov-06	2021-11-02	100%	Kesselrun Resources Ltd.
1157668	188405	MOSS	1	16	1990-Nov-06	2020-11-06	100%	Kesselrun Resources Ltd.
1157670	125040	MOSS	1	16	1990-Nov-06	2022-01-25	100%	Kesselrun Resources Ltd.
1157671	188405	MOSS	1	16	1990-Nov-06	2020-11-06	100%	Kesselrun Resources Ltd.
1164874	189105	MOSS	1	16	1990-Oct-31	2020-11-05	100%	Kesselrun Resources Ltd.
1164875	189106	MOSS	1	16	1990-Oct-31	2020-10-31	100%	Kesselrun Resources Ltd.
1164876	188405	MOSS	1	16	1990-Oct-31	2020-11-06	100%	Kesselrun Resources Ltd.

Legacy Claim ID	Claim Number	Township	Units	Ha	Recording Date	Claim Due Date	% Option	Ownership
1164877	207621	MOSS	1	16	1990-Oct-31	2020-10-31	100%	Kesselrun Resources Ltd.
1172315	118204	MOSS	1	16	1990-Oct-31	2023-10-31	100%	Kesselrun Resources Ltd.
1172316	118204	MOSS	1	16	1990-Oct-31	2023-10-31	100%	Kesselrun Resources Ltd.
1172317	102971	MOSS	1	16	1990-Oct-31	2020-10-31	100%	Kesselrun Resources Ltd.
1172340	189105	MOSS	1	16	1990-Nov-02	2020-11-05	100%	Kesselrun Resources Ltd.
1172345	118203	MOSS	1	16	1990-Oct-31	2021-10-31	100%	Kesselrun Resources Ltd.
1172346	118203	MOSS	1	16	1990-Oct-31	2021-10-31	100%	Kesselrun Resources Ltd.
1172347	118203	MOSS	1	16	1990-Oct-31	2021-10-31	100%	Kesselrun Resources Ltd.
1172348	188405	MOSS	1	16	1990-Oct-31	2020-11-06	100%	Kesselrun Resources Ltd.
1172349	196949	MOSS	1	16	1990-Oct-31	2021-11-02	100%	Kesselrun Resources Ltd.
1172350	125040	MOSS	1	16	1990-Oct-31	2022-01-25	100%	Kesselrun Resources Ltd.
1172355	273563	MOSS	1	16	1990-Oct-31	2020-11-27	100%	Kesselrun Resources Ltd.
1172356	170895	MOSS	1	16	1990-Oct-31	2020-11-27	100%	Kesselrun Resources Ltd.
1172365	219034	MOSS	1	16	1990-Oct-31	2023-10-31	100%	Kesselrun Resources Ltd.
1172366	102889	MOSS	1	16	1990-Nov-01	2021-05-06	100%	Kesselrun Resources Ltd.
1172367	170341	MOSS	1	16	1990-Nov-01	2020-11-27	100%	Kesselrun Resources Ltd.
1172368	170341	MOSS	1	16	1990-Nov-01	2020-11-27	100%	Kesselrun Resources Ltd.
1172369	170341	MOSS	1	16	1990-Nov-01	2020-11-27	100%	Kesselrun Resources Ltd.
1172375	102889	MOSS	1	16	1990-Oct-31	2021-05-06	100%	Kesselrun Resources Ltd.
1172385	118203	MOSS	1	16	1990-Oct-31	2021-10-31	100%	Kesselrun Resources Ltd.
1172386	102891	MOSS	1	16	1990-Oct-31	2021-05-06	100%	Kesselrun Resources Ltd.
1172387	118179	MOSS	1	16	1990-Nov-01	2020-11-01	100%	Kesselrun Resources Ltd.
1172388	170341	MOSS	1	16	1990-Nov-01	2020-11-27	100%	Kesselrun Resources Ltd.
1172395	102825	MOSS	1	16	1990-Oct-31	2020-10-31	100%	Kesselrun Resources Ltd.
1172396	102825	MOSS	1	16	1990-Oct-31	2020-10-31	100%	Kesselrun Resources Ltd.
1195937	125843	MOSS	1	16	1992-Jul-22	2021-07-22	100%	Kesselrun Resources Ltd.
1195940	102713	MOSS	1	16	1992-Jul-22	2021-08-14	100%	Kesselrun Resources Ltd.
1196147	103132	MOSS	4	64	1993-Oct-04	2020-10-04	100%	Kesselrun Resources Ltd.
1196239	117981	MOSS	2	32	1994-Apr-19	2021-08-06	100%	Kesselrun Resources Ltd.
1196240	125839	MOSS	4	64	1994-Apr-19	2021-04-19	100%	Kesselrun Resources Ltd.
1196870	102845	MOSS	12	192	1996-Nov-01	2021-11-01	100%	Kesselrun Resources Ltd.
1196921	102825	MOSS	4	64	1994-Mar-14	2020-10-31	100%	Kesselrun Resources Ltd.
1196923	188405	MOSS	1	16	1994-Oct-05	2020-11-06	100%	Kesselrun Resources Ltd.
1196924	196949	MOSS	1	16	1994-Nov-02	2021-11-02	100%	Kesselrun Resources Ltd.
1202036	102438	MOSS	4	64	1994-Jan-12	2021-01-12	100%	Kesselrun Resources Ltd.
1202264	118302	MOSS	2	32	1994-Aug-11	2020-08-11	100%	Kesselrun Resources Ltd.
1202265	118302	MOSS	2	32	1994-Aug-11	2020-08-11	100%	Kesselrun Resources Ltd.
1202302	103322	MOSS	6	96	1994-Sep-16	2021-09-16	100%	Kesselrun Resources Ltd.
1205201	124510	MOSS	1	16	1994-Dec-06	2021-12-06	100%	Kesselrun Resources Ltd.
1205202	171623	MOSS	1	16	1994-Dec-06	2021-12-06	100%	Kesselrun Resources Ltd.
1205203	117960	MOSS	1	16	1994-Dec-06	2021-09-27	100%	Kesselrun Resources Ltd.

Legacy Claim ID	Claim Number	Township	Units	Ha	Recording Date	Claim Due Date	% Option	Ownership
1205204	125716	MOSS	2	32	1994-Dec-06	2021-12-06	100%	Kesselrun Resources Ltd.
1205287	117960	MOSS	2	32	1995-Sep-27	2021-09-27	100%	Kesselrun Resources Ltd.
1209440	117981	MOSS	2	32	1994-Dec-13	2021-08-06	100%	Kesselrun Resources Ltd.
1209441	124511	MOSS	2	32	1994-Dec-13	2022-01-25	100%	Kesselrun Resources Ltd.
1209470	154306	MOSS	4	64	1994-Aug-23	2021-08-23	100%	Kesselrun Resources Ltd.
1209697	266226	MOSS	1	16	1995-Aug-30	2021-11-04	100%	Kesselrun Resources Ltd.
1209698	117981	MOSS	10	160	1996-Aug-06	2021-08-06	100%	Kesselrun Resources Ltd.
1209770	189081	MOSS	2	32	1996-Jan-16	2021-08-14	100%	Kesselrun Resources Ltd.
1210243	126380	MOSS	2	32	1996-Apr-24	2021-04-24	100%	Kesselrun Resources Ltd.
1210245	102713	MOSS	3	48	1996-Apr-29	2021-08-14	100%	Kesselrun Resources Ltd.
1210776	102713	MOSS	3	48	1996-Aug-14	2021-08-14	100%	Kesselrun Resources Ltd.
1210792	117960	MOSS	11	176	1996-Oct-25	2021-09-27	100%	Kesselrun Resources Ltd.
1215147	102846	MOSS	10	160	1996-Nov-04	2021-11-04	100%	Kesselrun Resources Ltd.
1215148	273019	MOSS	1	16	1996-Nov-04	2021-11-04	100%	Kesselrun Resources Ltd.
1215149	266226	MOSS	2	32	1996-Nov-04	2021-11-04	100%	Kesselrun Resources Ltd.
1215450	118168	MOSS	2	32	1996-Aug-14	2021-08-14	100%	Kesselrun Resources Ltd.
1215451	118168	MOSS	8	128	1996-Aug-14	2021-08-14	100%	Kesselrun Resources Ltd.
1215452	117989	MOSS	8	128	1996-Aug-14	2021-08-14	100%	Kesselrun Resources Ltd.
1215453	102713	MOSS	15	240	1996-Aug-14	2021-08-14	100%	Kesselrun Resources Ltd.
1215454	103133	MOSS	10	160	1996-Aug-14	2021-08-14	100%	Kesselrun Resources Ltd.
1215751	102823	MOSS	1	16	1996-Nov-04	2021-11-04	100%	Kesselrun Resources Ltd.
1215752	102823	MOSS	4	64	1996-Nov-04	2021-11-04	100%	Kesselrun Resources Ltd.
1215758	169698	MOSS	1	16	1996-Dec-13	2020-12-13	100%	Kesselrun Resources Ltd.
1215760	102889	MOSS	3	48	1997-May-06	2021-05-06	100%	Kesselrun Resources Ltd.
1215831	124511	MOSS	2	32	1996-Nov-08	2022-01-25	100%	Kesselrun Resources Ltd.
1215859	285704	MOSS	1	16	1996-Nov-25	2021-11-25	100%	Kesselrun Resources Ltd.
1217105	102623	MOSS	1	16	1996-Dec-13	2020-12-30	100%	Kesselrun Resources Ltd.
1224629	117995	MOSS	2	32	1994-Aug-11	2020-12-03	100%	Kesselrun Resources Ltd.
3001505	126387	MOSS	11	176	2002-Feb-07	2021-08-14	100%	Kesselrun Resources Ltd.
3001506	126388	MOSS	4	64	2002-Feb-07	2021-02-07	100%	Kesselrun Resources Ltd.
3001507	103014	MOSS	2	32	2002-Feb-07	2021-02-07	100%	Kesselrun Resources Ltd.

Table 4-2 - Huronian Patents

Township	Name	G number	Area (ha)	Anniversary Date	Description	Units
MOSS	PAT-15491	G-4000001	129.55	January 1, 2020	Surface and Mining rights (#62311-011)	8.0969
MOSS	PAT-15492					
MOSS	PAT-27361	G-4040116	274.79	January 1, 2020	Mining rights (#62311-010)	17.1744

5 Access, Local Resources, and Infrastructure

The property is accessible year-round, as it is located 5 km south of Trans-Canada Hwy 11, which is a major east-west route connecting Thunder Bay to Fort Francis (Figure 4-1). After driving 64 km west of Thunder Bay on Hwy 11-17, and another 62 km west along Hwy 11, access to the property is gained along Swamp Road, a well-maintained gravel road that loops around the entire property (Figure 4-1). There are many other tertiary logging roads that cross the property, providing access to every claim and patent. Minor bush trails are traveled by ATV to reach some central areas.

Atikokan is the nearest town (population ~2,700), located roughly 40 km west on Hwy 11 from the Swamp Road turnoff. Most supplies are readily available in Atikokan. Thunder Bay is ~110 km to the east and is the nearest large regional population centre in Ontario, with many services and amenities for industrial, educational, and leisure activities. Local experienced labour is readily available, as well as the regional offices of the Ministry of Northern Development and Mines (MNDM). The Thunder Bay airport has multiple daily scheduled flights to Toronto, Ottawa, Calgary, and Winnipeg, as well as some direct US international destinations.

The property is located near major rail and hydroelectric infrastructure. There are no permanent structures on the property currently. Water is available year-round from Moss Lake, and from other small lakes and creeks within the claim block.

6 Climate and Physiography

The Huronian Property is located within the Canadian Shield, which is a major physiographic division of Canada. The property is situated in an area of swamps, small lakes, low rolling hills, and distinct northeast-trending cliffs with abundant outcrop.

Climate in the area is typical of Northern Ontario, with cold winters and warm summers. Average January temperatures range from -11˚C to -25˚C, and average July temperatures are between 11˚C and 25˚C. Work can be done (subject to snow and freezing) for most of the year. Certain mapping and mechanized stripping activities and soil sampling are done only without snow cover, whereas drilling can occur at any time of the year.

The claims are covered with a thick secondary growth of jackpine, poplar, balsam fir, black spruce, cedar and some birch. The underbrush can be very dense with intergrowths of maple, and alder. Much of the property has been forested in different episodes and replanted with dominantly jackpine ranging from ~3-20 cm in diameter.

Rock exposures are abundant in the northern portion of the claims where topography is more pronounced. Typically outcrops in this area are found as moss-covered knolls or form regional cliffs. Total rock exposure and areas with thin overburden cover comprise approximately 10% of the property.

7 Geological Setting

7.1 Regional Geology

The Huronian Property lies within the western portion of Ontario's Superior Province, in the westernmost portion of the Wawa Subprovince, consisting of metavolcanics in greenstone belts and associated intrusive complexes. The Huronian property is part of the Shebandowan Greenstone Belt, which is roughly 2 km southwest of the boundary between the Quetico and Wawa Subprovinces. The Superior Province, the Wawa Subprovince and the Shebandowan Greenstone Belt are described in detail in the literature (e.g. Card and Poulsen, 1998; Percival and Easton, 2007). The regional geology is illustrated in Figure 7-1.

7.1.1 Superior Province

The Superior Province is a major geological province comprised of Archean age rocks. It forms the core of the North American continent. In Ontario, the Superior Province makes up roughly 70% of the Canadian Shield bedrock and is surrounded by younger Grenville and Southern Provinces to the south and southeast, which comprise the remaining 30%. The Superior Province consists of alternating granite-greenstone and metasedimentary belts in the central portion, and has been subdivided into smaller subprovinces (or terranes) based on rock type: granite-greenstone plutonic and metavolcanic rocks (Uchi, Wawa, and Abitibi subprovinces), metasedimentary rocks (English River and Quetico subprovinces), plutonic granitic rocks (Winnipeg River subprovince), and high grade greenstone rocks to the north (Kapuskasing Zone). Subprovinces are commonly fault-bounded and display contrasting lithological assemblages, metamorphic and structural styles, geophysical characteristics, and ages.

The Superior Province has been tectonically stable since ~2.5 Ga. Proterozoic and younger geological activity is limited to rifting of the margins, emplacement of several mafic dyke swarms, compressional reactivation, and large-scale rotation at ~1.9 Ga, as well as failed rifting at ~1.1 Ga. With the exception of the northwestern Superior margin that was pervasively deformed and metamorphosed at ~1.8 Ga, the craton has otherwise escaped late ductile deformation. It formed as a collage of smaller continental and oceanic plates (Card, 1990; Williams et al., 1992; Stott, 1997; Percival et al., 2004, 2006), that were stitched together between ~2.72 and 2.68 Ga. Sedimentary rocks as old as ~2.48 Ga uncomfortably overlie Superior Province granites, indicating that most erosion had occurred prior to ~2.5 Ga.

The southern portion of the Superior Province (to latitude 52˚N) is a major source of mineral wealth, hosting active gold and base metal mining camps associated with metavolcanics of the granite-greenstone belts. Owing to its potential for these and other commodities, the Superior Province continues to attract both grassroots and advanced mineral exploration.

7.1.2 Quetico Subprovince

The Quetico terrane consists dominantly of greywacke, migmatite, and granite. No stratigraphic sequence has been established within the steeply-dipping, polydeformed and variably metamorphosed sedimentary succession; however, younging directions are dominantly to the north (Percival, 1989). Depositional age constraints indicate slightly older ages for the northern Quetico (<2.698 to >2.696 Ga; Davis et al., 1990) than for the south (<2.692 Ga; Zaleski et al., 1999). A prominent, linear, easterly aeromagnetic grain is given by alternating sedimentary units and granitic sheets. Irregular patterns in the belt's interior correspond to dominant plutonic and migmatitic units. Incomplete seismic reflection images indicate overall gently north-dipping reflectivity and crustal thickness on the order of 35 km.

Several plutonic suites cut the metasedimentary units, including early (2.696 Ga) tonalite (Davis, 1996). An early deformation event (D1) pre-dated emplacement of a chain of Alaskan- type mafic-ultramafic intrusions in the northern Quetico terrane (e.g. Pettigrew, 2004; Pettigrew and Hattori, 2006), which are associated with alkaline plutons including nepheline syenite and carbonatite. These rocks, derived from metasomatized mantle, have ages in the range 2.69 to 2.68 Ga (Lassen, 2004) and geochemical affinities with the Archean sanukitoid suite (cf. Stern et al., 1989; Stevenson et al., 1999; Lassen, 2004). Two subsequent deformation events (D2, D3) were followed by low-pressure, high-temperature metamorphism that reached upper amphibolite and local granulite facies at circa 2.67 to 2.65 Ga (Pan et al., 1994; 1998) in the central region and greenschist facies at the margins (Percival, 1989). Coeval crust-derived granitic plutons and pegmatites include circa 2.67 Ga peraluminous granite and circa 2.65 Ga biotite granite (e.g., Southwick, 1991).

Tectonic models for the Quetico terrane have favored forearc settings (e.g., Langford and Morin, 1976; Percival and Williams, 1989; Williams, 1991; Fralick et al., 2006). Depositional ages of circa 2.698 to 2.690 Ga overlap those of late arc magmatism in the Wabigoon. The dominantly sanukitoid plutons of this age may have been triggered by slab break-off, following collision between the Wawa–Abitibi terrane and the amalgamated superterrane to the north.

7.1.3 Wawa Subprovince

The Wawa Subprovince is a granite-greenstone terrane exposed in the region that extends 900 km westward from the Kapuskasing Structural Zone to the Vermilion district of Minnesota and varies in width from approximately 50 to 200 km.

Most workers accept a correlation between the Wawa and Abitibi terranes across the transverse Kapuskasing uplift structure (Percival and West, 1994), although Jackson and Sutcliffe (1990) have argued that the Kapuskasing Structural Zone coincides with an Archean boundary between the ensimatic Abitibi Subprovince and ensialic Wawa Subprovince. Within the Wawa terrane, small remnants of Mesoarchean crust occur in the form of sporadic, circa 2.92 Ga tonalitic gneiss (Moser 1994) and 2.89 to 2.88 Ga volcanic rocks of the Hawk assemblage (Turek et al., 1992). An oceanic setting is indicated by the Hemlo-Black River (2.775 Ga), Wawa (2.745 Ga) and Greenwater and Manitouwadge assemblages (2.72 Ga), the latter with significant massive sulphide mineralization (Sage et al., 1996a, 1996b; Williams et al., 1991). Polat et al. (1998, 1999) reported a variety of oceanic magma types from the Schreiber belt, and interpreted the belt as a tectonic mélange (Polat and Kerrich, 1999, 2001).

Relatively late-stage volcanism at circa 2.695 Ga took place during D1 thrusting. Subsequent calc-alkaline to alkaline magmatism (ca. 2.689 Ga Shebandowan assemblage; Corfu and Stott, 1996) and associated coarse clastic sedimentation (Timiskaming type; <2.689 Ga) was followed by emplacement of sanukitoid plutons (2.65-2.68 Ga) and dextral transpressive D2 deformation. These circa 2.685 to 2.68 Ga tectonic events were termed the Shebandowanian phase of the Kenoran Orogeny (Stott and Corfu, 1991).

To the south, Archean rocks of the Wawa Subprovince are in unconformable, intrusive, and tectonic contact with Paleoproterozoic and Mesoproterozoic supracrustal and intrusive rocks of the Southern Province and the Midcontinent Rift System. To the north, they are bounded by metasedimentary rocks of the Quetico Subprovince (Card and Poulsen, 1998).

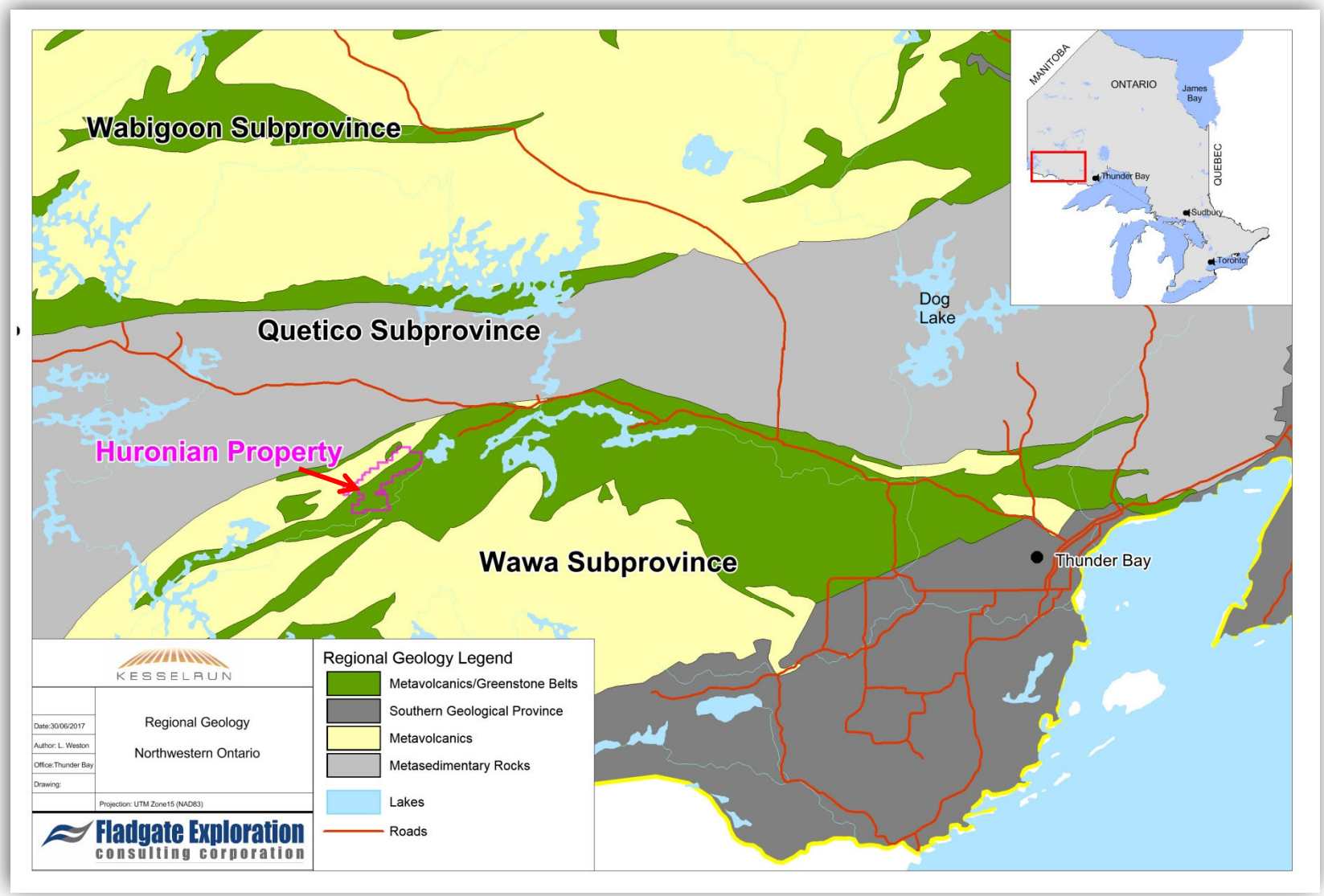

Figure 7-1 - Regional Geology of Northwestern Ontario

7.2 Local Geology – Moss Township/Huronian Property

The following description of the local geological setting is modified from Osmani (1993), Hunt (2000) and Risto and Breede (2010). A detailed property geology map can be found in Figure 7-2**.**

The Moss Township area is underlain by Archean rocks of the Wawa and Quetico Terranes. The supracrustal rocks forming part of the Shebandowan Greenstone Belt (SGB) of the Wawa Terrane occur in the southeast half of the township. The SGB is composed of three mafic to intermediate metavolcanic belts, the northern belt (NMB), central belt (CMB), southern belt (SMB) and a central intermediate to felsic metavolcanic belt (CFB). The three mafic to intermediate belts mainly consist of massive and pillowed flows and fragmental rocks (pillow breccia, tuff, lapilli tuff and tuff breccia). The CFB consists of massive (fine-grained to aphanitic), porphyritic and autobrecciated flows, and other fragmental rocks (tuff, lapilli tuff, tuff and pyroclastic breccia). Ironstone units form a relatively minor but widely distributed component in the mafic to intermediate metavolcanic successions and, in some cases, they occur at the interface between the mafic and felsic metavolcanic units. The CFB is approximately 13 km long. The thickest part (2.9 km) is centered between the Snodgrass and Fountain lakes. In the south-central part of the township, the CFB is split by the central mafic metavolcanic belt (CMB). The contacts between the CFB and the mafic to intermediate metavolcanic belts are both sheared and conformable.

The region encompassing the four main lakes (Burchell, Moss Lake, Snodgrass and Fountain) is exceptionally well endowed with late tectonic hydrothermal alteration, shearing and faulting. Hunt (2000) and studies referenced therein (e.g., Osmani, 1997; Stott and Corfu, 1996) provide interpretations of the geochronologic data and the regional timing correlation between gold mineralization and the sequence of tectonic events in the SGB.Metavolcanic rocks occurring along the southern portion of Moss Lake Township are interpreted by Osmani (1997) to be part of the southern mafic metavolcanic belt (SMB).

The Quetico Metasedimentary Belt (QSB), consisting of massive to thinly bedded metawacke and minor thinly bedded to finely laminated metasiltstone, occupies the northwest corner of the township. Intruding the SGB and QSB are large and small sills, dykes and stock-like bodies of gabbro, diorite and feldspar or quartz-feldspar porphyries, as well as four relatively late, composite granitoid stocks (Moss Lake, Hood Lake, Hermia Lake and Obadinaw stocks). The width of the CFB in the Snodgrass Lake area is approximately 2.5 to 3.0 km.

The regional metamorphic grade is lower greenschist facies, except near the large granitoid stocks where it reaches upper greenschist to amphibolite facies. Stratigraphic younging directions obtained from graded bedding and rare cross- bedding in the QSB and form pillowed flows, interflow metasedimentary units, and pyroclastic units within the SGB suggesting a stratigraphic younging is predominantly to the northwest. However, southeast-facing younging directions, relatively common in the QSB and less common in the SGB, suggest the presence of small- and large- scale folds in both series of rocks. Numerous isoclinal S, Z and M folds occur in both the SGB and QSB.

Several large-scale, steeply dipping, ductile to brittle shear zones striking NE to ENE and NW cut all major rock types in the area. Movement on the NE- to ENE-trending shear zones are predominantly sinistral, whereas dextral movement is generally recorded for the NW-trending faults and shear zones.

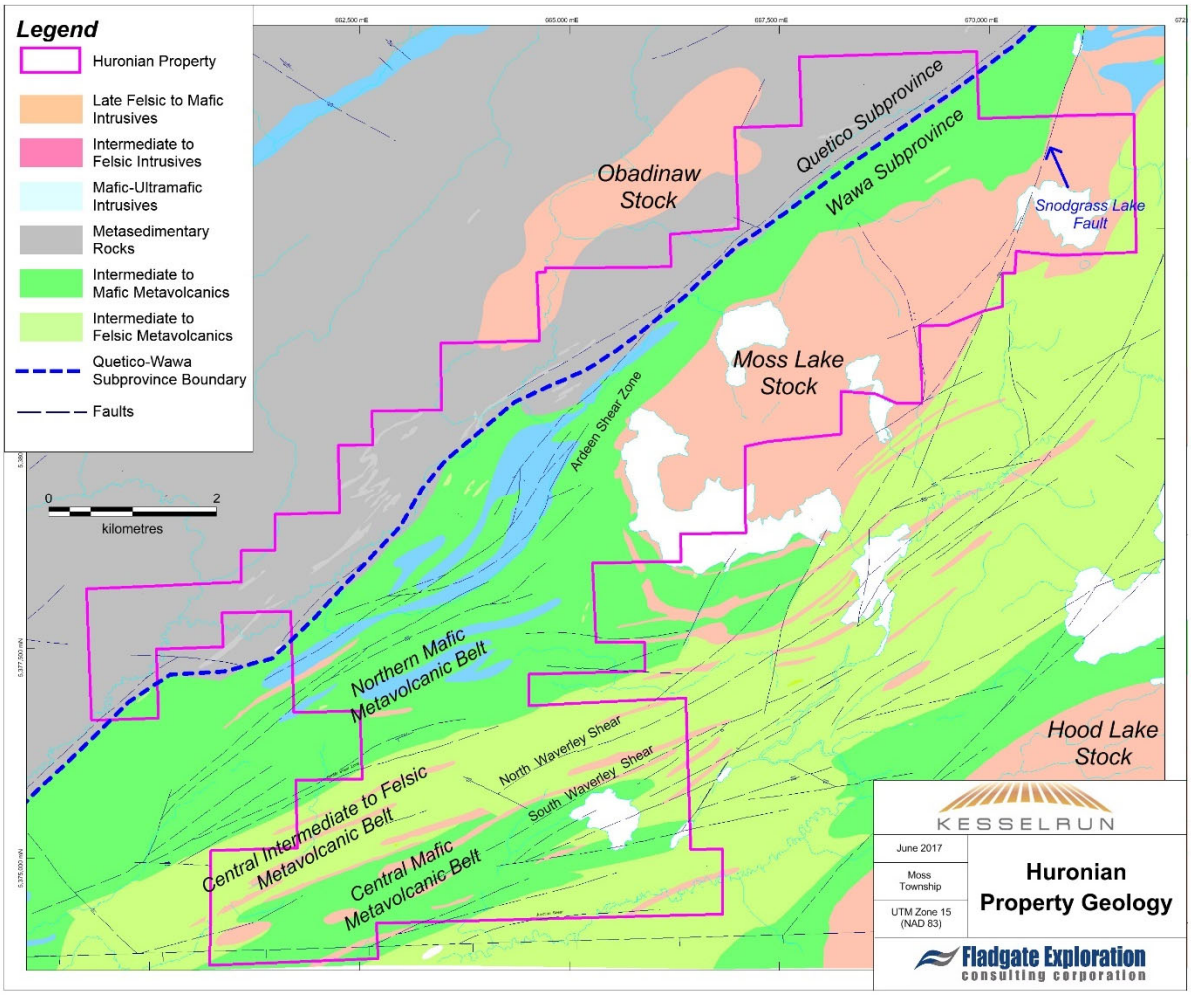

Figure 7-2 - Interpreted Huronian Property Geology

8 History of Exploration on the Property

The history of exploration and mining is divided into three parts; the history of the Ardeen mine; the exploration history of the Ardeen mine area, and the history of the Pearce Lake/Moss extension area located to the south of the mine. This information was largely compiled and summarized by Ball (2009).

8.1 History of the Ardeen Mine

1870 Two trappers, Baptiste and Douchette discover the Ardeen vein.

1871 Peter McKellar, a prospector, stakes the ground. Mining claim H1 is patented.

1872 A 57 kg test sample returned 39.77 g/t Au and 5.5 ounces Ag.

1874 Jackfish Lake Mining Company is incorporated with McKellar as superintendent.

1875 Work on the Jackfish mine is suspended due to financial difficulties.

1882 Thomas Keefer options the property and later exercises his option to purchase. Keefer forms Huronian Mining Co.

1883-85 Huronian Mining Co. develops the vein extracting and treating between 600-700 tons of ore with a 10-ton amalgamation stamp mill from a two-compartment shaft (No 1 shaft), inclined at 80˚, that was sunk on the vein to a depth of 48.2 m with two lateral levels. Tellurides associated with the ore results in poor mill recovery causing the abandonment of operations. In the summer of 1885, a new shaft (No 3) is sunk to a depth of 18.9 m with no lateral work. A 4.5-ton sample of concentrate is said to have assayed 5.3 oz/ton.

1925-26 Shields Field Development Co. acquires the mine and later organizes Moss Mine Ltd.

1927-33 Moss Mines Ltd. resurrects the property. The company is reorganized in 1931 as Moss Gold Mines Ltd. Production begins in 1932 through the No. 2 shaft sunk down to the 750-foot level (228.6 m) with some lateral development. The company goes bankrupt and suspends operations.

1934-36 Ardeen Gold Mines Ltd., which emerges from the reorganization of Moss Mine Ltd., deepens the No. 2 shaft to the 1250-foot level (381 m), constructs a cyanide mill and continues production. In early 1935, the operation is suspended for seven months because of financial difficulties. Production is resumed, but ultimately the company declares bankruptcy and the mine closes on 10 December 1936, leaving behind 25,000 tons of ore grading 12.34 g/t Au. Since the operation ceased, the mine has never reopened.

8.2 History of the Ardeen Mine Area

1937 Erie Canadian Mines Ltd. assesses the property, both on surface and underground (plans and sections of the mine are prepared). Remaining ore is estimated at 21,985 tons at 10.79 g/t Au.

Manhattan Investment Co. acquires the asset at auction and sells it to Kerry Gold Mines Ltd., however Kerry Gold Mines is unable to raise sufficient funds to resume operations.

1938 Tanton of the Ontario Geological Survey (OGS) completes the first geological mapping of the area.

1942 Kerry Gold Mines dismantles and liquidates the plant and equipment. It is reported that the mill clean-up recovered $13,107 in gold and silver.

1957-58 Noranda Exploration Company Ltd. completed ground EM and surface mapping and trenching for base metal massive sulphides. Five diamond drill holes (309.1 m) were

completed to test four EM conductors located to the northwest of the mine. Little to no assaying for gold. EM conductors attributed to graphitic schists and pyrrhotite.

1965-66 Cominco Ltd. undertook an airborne magnetic and EM survey and completed two diamond drill holes in the northern part of the project.

1968-72 Belore Mines Ltd. takes an option on the property held by Kerry Gold Mines and completes geological mapping as well as ground magnetic, EM and VLF geophysical surveys. Consultant to Belore assesses remaining ore underground as 4,485 tons averaging 6.12 g/t Au. Belore Mines Ltd. completes 5 diamond drill holes (419.7 m) during 1971 intersecting a number of high-grade mineralized intervals in the vicinity of the Fisher zone, including 1.74 m of 38.4 g/t Au and 1.74 m of 19.2 g/t Au (Hole 71-3), and 3.65 m of 41.31 g/t Au (Hole 71-5). An additional 7 holes were completed in 1972, with a best assay of 0.6 m @ 22.62 g/t Au (Hole 72-2), however the locations of two holes were not reported.

1970 Moss Lake Township mapped by Harris of the OGS.

1973 Belore Mines Ltd. purchases the mine from Kerry Gold Mines and incorporated Huronian Mines Ltd. to explore the property as a 50-50 JV (BHM).

1973-74 Dome Exploration (Canada) Ltd. optioned the project from BHM and completed geological mapping, sampling, gridding and 17 diamond drill holes (1,697 m) mainly to the east of the No. 2 shaft in the vicinity of the Fisher zone. A number of narrow Au intervals were reported with a best result of 0.36 m of 23.01 g/t Au (Hole D69-8). A ground magnetic and ground EM survey was undertaken on a further claim group to the northeast with 2 diamond drill holes completed (186.5 m), but these holes were not analyzed.

1973-74 Lynx-Canada Exploration and Fort Reliance Minerals (50-50 JV) option the claims covering the Minoletti zone and completed ground magnetics and EM and sampling of the Minoletti trenches. Sampling records a best assay of 25.37 g/t Au over 0.91 m. The JV drops their option.

1975 Troilus Mines Ltd. optioned the Minoletti zone claims and complete ground magnetic and airborne EM surveys before withdrawing.

Nichro Mines Ltd. complete 2 diamond drill holes to the north of the Ardeen mine, but the holes are not assayed.

The Ontario government notifies BHM of its intent to acquire the properties for a recreational park reserve. On this basis, Dome Exploration drops its option. By October, the government has purchased all of BHM's patented property rights except the mineral rights on claims 1H (Ardeen mine) and 33B and the surface rights on a small track covering the old mine shafts and dumps on 1H.

1976	Mill tailings optioned by Hermiston Ltd. but option terminated.
1978	Camflo Mines Ltd. optioned claim 1H but terminated the option with no work completed.
1980	Lancana Mining Corp. sampled mill tailings on 1H.
1982	As the Ontario government had not proceeded with converting the acquired area into a park, BHM applied for and obtained exploration rights beyond the patented leases. The new leases include 2H (south of 33B, 4H (west of 2H) and the west half of 27B (south of 4H). All areas outside of these claims were still inaccessible.
1984	Cumberland Resources Ltd. undertook a soil survey north of the northern end of Moss Lake. A low-level Au anomaly was delineated from this work.
1986	Matt Berry Mines Ltd. and BHM form JV to explore Ardeen mine area and two non-contiguous claim groups.
1986-87	Detailed mapping of Ardeen mine area by Lesley Chorlton of the OGS.
1987	Revaluation of the Ardeen mine by consultant to Matt Berry Mines. Matt Berry Mines completed aerial photography, gridding, ground magnetics and VLF EM surveys and drilled 18 holes for 4,422.6 m. This drilling mainly targeted the former Ardeen mine, and the Minoletti and Beaver zones. Holes were only partially sampled, with a best result recorded of 1.3 m of 37.7 g/t Au (Hole MB87-17) to the south of the mine. Following the 1987 stock market crash, the JV was terminated.
1988	Rainbow Lake Resources Inc. completed geological mapping, trenching, ground magnetic, VLF-EM and IP surveys and 7 diamond drill holes (1,513 m) within a claim block to the west of Rainbow Lake. It is apparent that most of the holes were not assayed. Noranda Exploration Company Ltd. completed a regional airborne EM survey (2,620-line km) using the Dighem III system.
1988-89	International Geoventures (IG) Ltd. acquired a property with a gossan exposed over 152 m with Quetico sedimentary rocks 1.2 km northwest of the Ardeen mine, and later acquires the Ardeen mine from BHM. Noranda options both properties and undertakes trenching, rock and humus sampling, detailed geological mapping and ground magnetic and IP surveys on the Quetico project and mapping and rock sampling at Ardeen. The option is terminated in 1989.
1990	Landore Exploration optioned both IG properties and completed 10 diamond drill holes (1,243.3 m). Five holes tested the gossanous zone on the Quetico property and the remaining 5 were drilled at Ardeen. The best results from this drilling were 1.52 m of 11.32 g/t Au (Hole LM 90-7) and 22.2 m of 1.04 g/t Au (Hole LM 90-8). Landore dropped the option as they were unable to make a cash payment to maintain their interest.

The Ontario government who was still holding land other than the existing patented claims drops its plan for a provincial park reserve and allows claim staking. Upon this, Gold Fields Canadian Mining Company (Gold Fields) staked the ground around the Ardeen Mine. Gold Fields completed airborne magnetic and ground VLF EM surveys.

1990-91 Aerodat regional airborne magnetic and EM survey over the Shebandowan Greenstone Belt for the Ministry of Northern Development and Mines (MNDM).

1991 Akiko-Lori Gold Resources Ltd. (Akiko-Lori) optioned the Gold Fields claims. Nelson W. Baker Geological Services on behalf of Akiko-Lori completed geological mapping, sampling and mechanical stripping resulting in the discovery of 6 new Au occurrences, including the Fisher zone. The Fisher zone records an average of 20.91 g/t Au over 1.55 m from an exposed strike of 22.86 m.

Osmani conducts regional mapping of Moss Township for the OGS.

1992 Baker for Akiko-Lori conducted follow-up geological mapping and sampling, soil sampling and completed 5 diamond drill holes (308.2 m), with 2 holes drilled at the Fisher zone and 3holes at McKellar. The best intercept recorded was 4.87 m of 5.14 g/t Au at Fisher (Hole ML-92-04). A new occurrence called the Post zone is outlined about 800 m southwest of the Ardeen mine recording 8.22 g/t Au over 1.67 m.

1993 A group of prospectors (Dave Petrunka, Costy Bumbu and Jim Martin – Bumbu Consortium) dispute Gold Fields' right to their claims. After protracted litigation, the prospectors gain title to the claims.

1993-94 BHM sells the Ardeen Mine to 1013968 Ontario Ltd., the company of prospector Ted Aho who completed prospecting and sampling using Ovalbay Geological Services Inc.

1994 The Bumbu Consortium using an Ontario Prospectors Assistance Program (OPAP) grant contracted Ovalbay Geological Services Inc. to undertake sampling, mechanical stripping and trenching.

Prospector Eino Ranta optioned the project from the Bumbu Consortium. Ovalbay and Ranta completed sampling, geological mapping and drilled 5 holes (222.2 m). Best results from this program were 3.81 m of 21.05 g/t Au at Fisher (PRM-94-01). Further sampling at the Post zone returned an average of 40.26 g/t Au from 7 grab samples.

1995-96 Aho using an OPAP grant and Ovalbay as a contractor completed 7 diamond drill holes (312.3 m) at the Beaver zone with only minor Au anomalies recorded. Additonal stripping, trenching and sampling was undertaken in 1996.

1996 Pele Mountain Resources Inc. optioned the claims held by the Bumbu consortium, as well as the Ardeen mine from Aho. The first exploration was undertaken in November on the original 40-claim group, with the first phase of diamond drilling completed in the same year.

1997-2003 Pele completed a number of comprehensive exploration programs on the project almost exclusively in the period of 1997 to 1998. This included ground magnetic, VLF EM and IP surveys, detailed till and rock sampling, geological mapping and mechanical stripping and trenching (7-8,000 m). Structural mapping was also undertaken by Etheridge Henley Williams (now part of SRK Consulting). A total of 153 diamond drill holes (13,486.35 m) were completed by Pele on more than 8 zones or prospects.

In 1998, a non-JORC compliant resource was calculated for the project from five zones by Minescape Exploration Inc.

1999 The OGS completed a regional till survey analyzing for Au and multi-elements in the western Shebandowan Greenstone Belt (Bajc, 2000). One sample 800 m west of the Ardeen Mine returned 316 native gold grains in a 10 kg till sample, of which 76% were pristine. This anomaly has had no follow up.

2004 MacDonald (2004) completed the first compilation of all geological data and targeting review since the termination of exploration in the 1970s. This work resulted in the first digital drill collar file for the project.

2004 Goldcorp Inc. acquired an option over the Ardeen project following generative work by Pryslak (2004) who recognized characteristics consistent with an alkalic porphyry-related Au system. Goldcorp constructed the first drill hole database for the project and undertook limited resampling of historic holes. A total of 8 diamond drill holes were completed (2,951 m) at six target areas, with 3 deep holes targeting the Ardeen / Fisher area. All holes intersected mineralization, but the results did not meet the corporate objectives and hence the option was terminated.

2009-2010 Coventry Resources completed two drill programs for a total of 70 holes (7,845 m), and re-logged an additional 62 historic holes (6,633 m). Drilling was largely focused on the McKellar and Fisher prospects. A till and humus sampling program covered the northern half of the current property, with a total of 442 samples collected and analyzed by fire assay and ICP-MS on a 200m x 200m grid. The sampling program identified significant, broad gold anomalies along the Border Zone. Coventry also completed a small syenite sampling program in an attempt to locate REE mineralization within the Moss Lake syenite. The Moss Lake syenite has REE values fairly typical of syenites.

2016-2017 Kesselrun contracted Fladgate Exploration to conduct an exploration program over the Huronian Property. The program consisted of historic DDH validation, prospecting, structural mapping, mechanized stripping, and channel sampling. The program resulted in the discovery of the Leo Zone and highlighted a number of anomalous narrow Au mineralized structures.

8.3 History of the Pearce Lake/Moss extension (south of the Ardeen mine)

1965-66 Cominco Ltd. undertook an airborne magnetic and EM survey and completed 3 diamond drill holes (205.2 m) within the project area.

1977 Amoco Canada Petroleum Co. Ltd. completed 2 diamond drill holes (265.8 m) to the east of Gold Lake intersecting graphitic/pyrite schist. No sampling undertaken.

1984-85 Kennco Exploration (Canada) Ltd. explored two wholly owned claim blocks as well as optioned an additional block from Wawiag Resources Ltd., and completed geological mapping, trenching, rock and humus sampling, ground magnetic and EM surveys.

1987-88 Grand Portage Resources Ltd. optioned the Kennco ground and completed trenching and sampling and 16 diamond drill holes (1,715.3 m). The highest assay recorded was 10 m of 1.44 g/t Au (Hole GP-88-15) located on the South Waverley Shear. No follow up of this is recorded.

1988 Noranda Exploration Company Ltd. completed a regional airborne EM survey (2,620-line km) using the Dighem III system.

1989-90 Noranda optioned and the Grand Portage and Wawiag properties and completed geological mapping, a reconnaissance IP survey, trenching and humus and rock sampling. Two diamond drillholes forming part of larger program were completed.

2005 East West Resource Corp. and Maple Minerals Corp. acquired an option over the project as part of an exploration program on adjoining properties. The East West/Maple JV completed a 100 m line spaced VTEM survey over the project to detect massive sulphide mineralization. A total of 13 diamond drill holes (2,046 m) were completed on EM anomalies in the Pearce Lake area and to the west of Ardeen in rocks of the Quetico Subprovince. Limited Au anomalies was reported. PEL05-2 intercepted 1.2 g/t Au over 13 m, including 5.2 g/t Au and 97 g/t Ag over 1 m.

9 Current Program

Beginning July 1, 2020 and ending August 31, 2020. Twenty-nine holes (20HUR001 to 029) were planned and drilled, totaling 3118.97 meters. The goal of the program was to test, evaluate, and expand the historic gold intercepts in the Fisher, Huronian, Fisher North and Mckeller Zones located on the property.

In addition to drilling, trench samples were collected over a small stripped area in the Huronian zone and tailings samples were collected and analyzed.

Data including lithology, alteration, structure, and rock description were taken for each rock sample where applicable. The location for and sample description was documented for all samples. A total of 11 samples were collected – 5 grab samples and 6 tailings samples. All samples were submitted to Actlabs in Thunder Bay on July 30, 2020

9.1 Personnel

Field operations were supervised and all geotechnical staff was provided by Fladgate and began with logistics and hole spotting on July 1, 2020. Steve Hamer from Belham Ltd. was hired to clear drill pads and strip an area for geological investigation starting on July 12th. The drill contractor hired for the program was Chibougamau Diamond Drilling Ltd. Drilling started July 05, 2020 and was completed by August 15, 2020. Core was logged on site by production geologists Kyle Pederson and Jordan Kowalchuk. Drilling and logging was completed by August 22, 2020.

Table 9-1 - Personnel Log

Name	Working Title	Responsibilities	From/To Dates on Project
Kyle Pederson	Project Geologist	Core logging, trench sampling	5-July-2020 to 3-Sept-2020
Jordan Quinn	Project Geologist	Hole spotting, hole planning, Drone surveying	15-July-2020 to 22-Aug-2020
Leah Clapp	Project management	GIS and Database management	15-July-2020 to 17-Aug-2020
Jordan Kowalchuk	Geologist	Core logging	13-July-2020 to 3-Sept-2020
Alexander Hughes	Geologist	Report writing, GIS modeling	16-Nov-2020 to 30-Nov-2020
Wade Dombroski	Geotechnician	Core cutting	7-July-2020 to 3-Sept-2020
Blaze Briggs	Geotechnician	Core cutting	11-July-2020 to 21-Aug-2020
Richard Brett	Geotechnician	Core cutting	13-Aug-2020 to 30-Aug-2020
Michael Shine	Geotechnician	Core cutting	17-Aug-2020 to 01-Sept-2020

9.2 Drilling

Drill pads were located and marked using a SX Blue differential GPS, the drill was oriented using a Reflex Azimuth Pointing System (APS). Collar location coordinates and down-hole surveys were also taken using the APS once the drill was in place. The drillers used the point of intersection into the overburden as the 'zero' mark. Drill hole collar information is located in Table 9-2. Drill holes for the 2020 program were planned to continue to test gold mineralization in the Mckellar, Huronian, Fisher North and Fisher zones which had been previously outlined in historic drill programs. Drill logs and vertical sections for each hole are appended to this report (Appendix I & III).

Table 9-2 – 2020 Drill Hole Summary

Hole ID	Azimuth	Dip	Length (m)	Easting	Northing	Number of samples collected
20HUR001	275.3	-45	150	664793.00	5378735	164
20HUR002	288.9	-45	102	664784.20	5378736.5	108
20HUR003	290.4	-50	120	664784.05	5378736.2	124
20HUR004	279.9	-45	108	664784.07	5378735.7	111
20HUR005	290.4	-45	102	664765.95	5378720.8	103
20HUR006	185.8	-45	102	664750.29	5378743.8	107
20HUR007	188.8	-75	105	664750.36	5378744.1	112
20HUR008	110.7	-45	111	664663.80	5378758.5	113
20HUR009	111.5	-60	120	664663.55	5378758.6	126
20HUR010	106.6	-45	120	664650.83	5378748.9	108
20HUR011	110.1	-75	120	664650.16	5378749.2	127
20HUR012	120.3	-45	105	664573.90	5378722.7	109
20HUR013	131.7	-45	105	664734.35	5379067.6	111
20HUR014	128.4	-45	102	664705.00	5379024.2	104
20HUR015	107.5	-45	102	664683.83	5378992	106
20HUR016	165.5	50	102	664605.16	5378866.1	104
20HUR017	110.3	-45	120.47	664573.93	5378870	124
20HUR018	288.8	-51	111	664062.13	5378350	94
20HUR019	290.1	-58	102	664062.40	5378350	95
20HUR020	288.8	-55	102	664051.61	5378342.8	99
20HUR021	289.2	-60	111	664051.60	5378343	112
20HUR022	292.5	-45	102	664038.87	5378319.7	103
20HUR023	272.2	-65	102	663991.08	5378309.1	107
20HUR024	269.2	-75	102	663992.00	5378310	104
20HUR025	109.4	-45	101.56	664003.58	5378355.2	99
20HUR026	110	-60	102	664001.55	5378356.2	102
20HUR027	116.6	-45	102	663957.43	5378326.4	98
20HUR028	307.9	-45	82.92	664342.83	5378628	88
20HUR029	244.8	-45	102	664368.72	5378643.4	100

9.3 Stripping and Tailings Sampling

Prior to the commencement of the 2020 drill program, Steve Hamer from Belham Ltd. was hired to bring an excavator to site to prepare drill pads and trails between drill sites. Steve Hamer was on site from July 12 to July 31. During this time he cleared all planned drill sites and stripped an area close to the original Huronian Mine were previous mapping had interpreted the Huronian vein could be exposed at surface. Stripping was done specifically due to the dry weather exposing an area that was under water in previous years. The excavator was also used to dig into the tailings pond to acquire tailings samples in the tailings pond.

Once the area exposing the Huronian vein exposed it was cleaned with a high-pressure pump. Due to the looseness of the rick, samples were collected by breaking off representative samples using a rock hammer rather than using a channel saw. Data such as lithology, alteration, mineralization, and structural measurements were recorded and all samples were sent to Actlabs in Thunder Bay.

Tailings samples were collected using the excavator to dig down to the bottom of the tailings pond. Sample location was decided based of historical tailings site with sample density at the discretion of the Project Geologist. Samples were placed in brown kraft sample bag and tied shut with flagging tape and the kraft bag was then placed in a poly sample bag for transport. Data including sample location, sample depth, and colour was recorded for each sample.

Sample information for both the rock and tailings samples are summarized in Tables 9-3 and 9-4 and Figures 9-1 and 9-2.

Table 9-3 – 2020 Grab and Tailings Sampling Location

Sample ID	Easting	Northing
586461	664340.4699	5378646.379
586451	664305.5987	5378607.396
586452	664283.8644	5378572.451
586453	664285.2391	5378574.918
586454	664250.7385	5378559.226
586455	664251.2898	5378559.664
586456	664191.6896	5378506.747
586457	664191.8278	5378506.503
586458	664308.7181	5378612.768
586459	664307.6242	5378622.77
586460	664341.8774	5378647.676

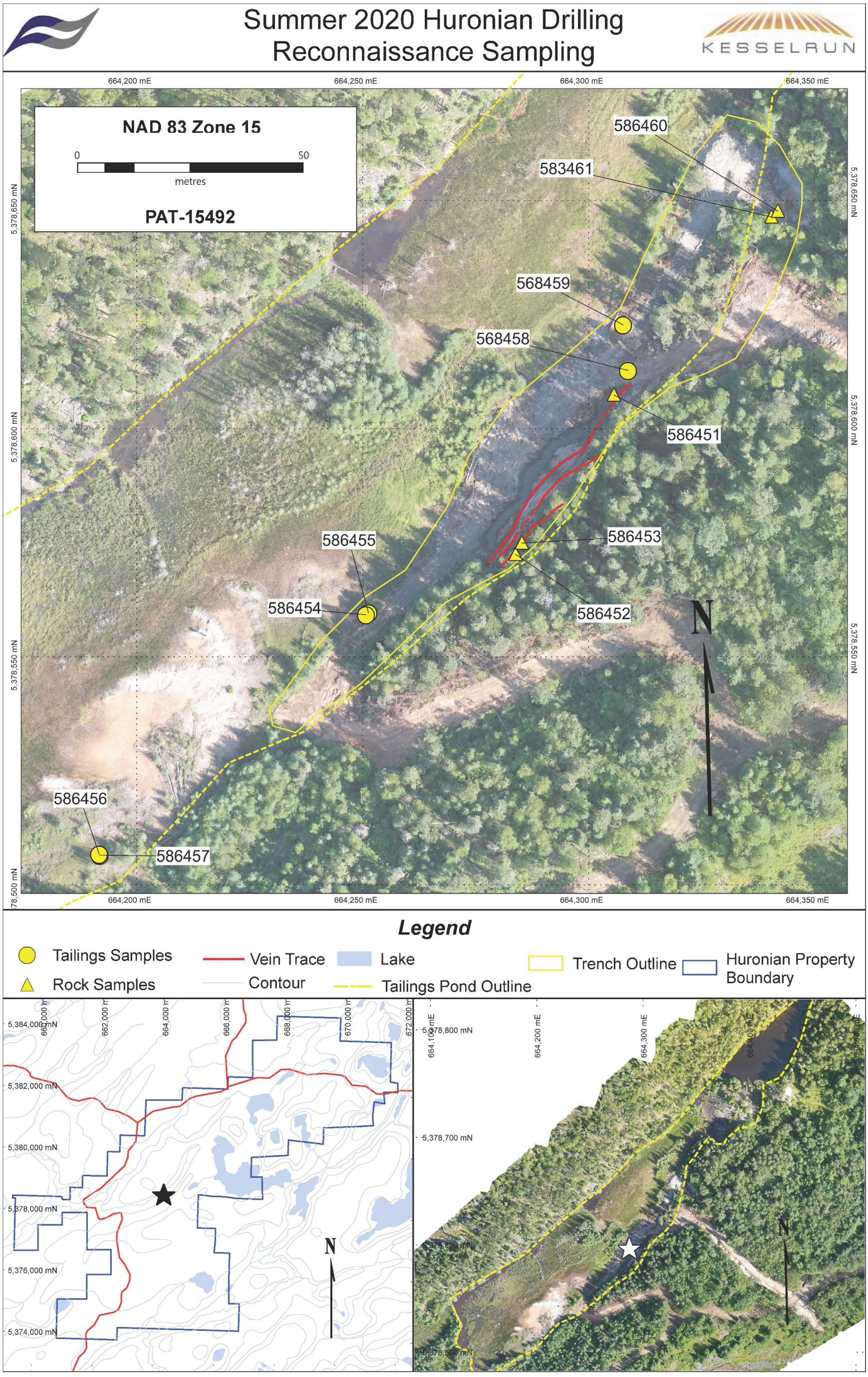

Figure 9-1 – Huronian reconnaissance sampling plan map

10 Sampling, Analytical Methods, and QA/QC

10.1 Drill Samples

All drill core is stored on site in core cribs. A total of 3162 samples were taken giving a total sample length of 2938.4 meters of sampling. All samples were cut using a core saw. The core was cut along the top of the foliation of the rocks. The backside of the core remains in the box while the front side of the core was put into individual sample bags with the corresponding sample ticket. Starts and ends of sample intervals were cut perpendicular to core axis with the saw when not on a natural break. All sample intervals start with a sample ticket inserted and stapled at the beginning of the interval. Sample length ranged from 0.3 meters to 1 meter with respect given to lithological contacts. All individual sample bags were labeled and put into rice bags where they were transported to ActLabs in Thunder Bay by project geologists and technicians.

Samples were first analyzed using standard fire assay procedures with an atomic absorption (AA) finish. Samples that returned over 3 g/t Au were analyzed using fire assay with gravimetric finish and samples that returned over 10 g/t through gravimetric finish were sent for 1kg metallic screen. In addition to the standard quality control of the laboratory, a series of blanks and standards were inserted in every shipment for quality control purposes. Three alternating standards (<1 g/t Au, 5.5 g/t Au, and 13 g/t au) were inserted at set intervals along with a blank sample using granite collected from a quarry located in Vermilion Bay, ON. One QA/QC sample was added into the sample stream every 20 samples.

10.2 Trench and Tailings Samples

Samples were transported from site by Fladgate personnel and delivered directly to Actlabs in Thunder Bay, ON. Gold was analyzed by taking a 50 g pulverized sample through fire assay and atomic absorption finish with an upper detection limit of 5ppb. Samples over detection limit were analyzed using fire assay gravimetric finish and samples over 10 g/t were analyzed using metallic screen. Due to the exploratory nature of the samples and the few samples collected, no QAQC samples were submitted with the reconnaissance and tailings samples.

11 Results

11.1 Drilling

Twenty-nine diamond drill holes (20HUR001 to 029), totaling 3118.97 meters, were drilled on patent-15492 and mining claims 291034, 225797, and 207621. The 2020 Huronian drill program targeted four zones; Fisher, Fisher North, McKellar and Huronian.

Drilling of the Fisher Zone revealed a large package of mafic rocks with variable greenschist to amphibolite facies alteration with locally intense, stacked quartz-carbonate veining. This mafic package was often associated with disseminated sulphide mineralization near surface with assay values ranging from 1.0 g/t to 6.3 g/t over 35 to 45 meters. Sections with increased quartz veining had associated assay values ranging from approximately 10 g/t to 50 g/t over 1m.

Historically, the Fisher Zone was given an approximate strike length of 400m with an inferred depth of 75m. Results from the 2020 drill program have been able to extend both strike length and plunge of the Fisher Zone. Proof for the extension of the Fisher Zone was given in holes 20HUR002 and 011. Both drillholes contained mineralized intervals of 9.25 g/t over 1m at approximately 90-meter depth. The potential for a new zone was also found between Fisher North and Fisher zones with hole 20HUR017 containing a drill intercept of 11.4 g/t over 1m. Further significant intercepts can be found in Table 11-1.

On average, the zones are characterized by multiple generations of quartz veining that carry high grade gold values in association with altered, sheared and variably mineralized mafic volcanics, feldspar-quartz porphyries and iron formation.

Table 11-1 - Huronian Drilling Significant Intervals

Hole ID	From (m)	To (m)	Interval Length (m)	Au (g/t)
20HUR001	24	28.45	4.45	0.3655
20HUR001	126	134.1	8.1	1.3485
20HUR001	130	134.75	4.75	2.5979
20HUR002	3.4	24	20.6	1.7037
20HUR002	5.1	11.28	6.18	4.2346
20HUR002	6.35	61.9	55.55	1.0108
20HUR002	6.35	13.34	6.99	4.2493
20HUR002	60	64	4	2.9306
20HUR003	3	63	60	1.6997
20HUR003	3	23	20	4.5072
20HUR003	5	15	10	8.8441
20HUR003	7.01	59.34	52.33	1.9068
20HUR003	7.01	14	6.99	12.5128
20HUR003	7.01	10.45	3.44	19.4423
20HUR004	12	61	49	5.6726
20HUR004	12	57.05	45.05	6.1486
20HUR004	14.3	20.5	6.2	33.1947
20HUR004	15.6	20.5	4.9	41.9441
20HUR005	31.67	76	44.33	0.5857
20HUR005	57	77	20	0.9011
20HUR005	60.55	76	15.45	1.109
20HUR005	70	76	6	2.059
20HUR006	13.23	17.6	4.37	2.5549
20HUR006	14	34	20	0.5896
20HUR006	14	17.6	3.6	3.081
20HUR006	87	91	4	0.7281
20HUR007	18.07	26	7.93	2.1279
20HUR007	20.82	25.28	4.46	3.5412
20HUR008	72.05	79.54	7.49	0.616
20HUR009	77.56	82.94	5.38	0.5236
20HUR010	49.88	72.37	22.49	0.4584
20HUR010	61.04	81.18	20.14	0.5289
20HUR010	61.04	71.12	10.08	0.7423

Hole ID	From (m)	To (m)	Interval Length (m)	Au (g/t)
20HUR011	69	89	20	1.8498
20HUR011	74	87	13	2.8354
20HUR011	74	84.65	10.65	3.2749
20HUR011	74	75.56	1.56	10.0219
20HUR011	83.19	85.35	2.16	9.0577
20HUR011	83.19	85.35	2.16	9.0577
20HUR012	29.8	36	6.2	0.9025
20HUR012	30.51	36	5.49	0.9913
20HUR014	12.1	32.73	20.63	1.4884
20HUR014	27	31.72	4.72	6.2535
20HUR014	27	30.83	3.83	7.542
20HUR014	28.63	30.83	2.2	11.6475
20HUR015	6.4	35.3	28.9	0.8261
20HUR015	19.9	40	20.1	1.1458
20HUR015	19.9	22.9	3	6.7357
20HUR015	21.53	65	43.47	0.5689
20HUR015	21.53	22.9	1.37	13.9861
20HUR017	16	19.22	3.22	1.0314
20HUR017	65	85	20	0.6125
20HUR017	77.2	89	11.8	0.9964
20HUR017	78	82.75	4.75	2.4531
20HUR018	39.15	53	13.85	0.8277
20HUR018	44.25	50	5.75	1.9704
20HUR019	42.97	58	15.03	0.7583
20HUR019	42.97	53.3	10.33	0.9065
20HUR020	35.88	55.88	20	1.0114
20HUR020	35.88	37.8	1.92	3.1125
20HUR020	42.83	48.53	5.7	1.8501
20HUR020	45.85	48.53	2.68	2.6364
20HUR020	46.54	48.53	1.99	3.0616
20HUR021	43.85	64	20.15	0.8447
20HUR021	44.54	61.24	16.7	0.9981
20HUR022	46	57.71	11.71	0.8017
20HUR022	50.75	57.71	6.96	0.915
20HUR022	52.21	57.71	5.5	0.9947
20HUR023	32.7	57.47	24.77	0.7277
20HUR023	37	57.47	20.47	0.8413
20HUR023	41.6	55.32	13.72	1.0335
20HUR023	47.69	57.47	9.78	1.3216
20HUR024	81.45	91.48	10.03	0.8902
20HUR024	83.24	89.85	6.61	1.0464
20HUR026	34	45.8	11.8	0.525
20HUR026	34	43	9	0.5875
20HUR027	9.91	33.65	23.74	0.4934
20HUR027	9.91	12	2.09	3.9549
20HUR028	80.2	82.92	2.72	3.3313
20HUR029	29.00	36.00	7.0	2.7

11.2 Trench and Tailings Sampling

In addition to drilling, 11 grab and tailings samples were also collected. Tailings samples were collected to test for any gold not recovered during mining in the 1930's. Gold on the Huronian property is known to be associated with tellurides which historically meant poor recovery of gold. Out of the 11 samples, five were rock samples and six were tailing samples. Results are summarized below in Table 11-2.

Results of the reconnaissance sampling demonstrated that likely the surface expression of the Huronian vein was found in the stripped area. The quartz vein samples returned 101 g/t gold and 13. 9 g/t gold. Samples were also collected of altered porphyry. In general, the altered porphyry is not mineralized, with the best result of 1.22 g/t gold.

Tailings samples returned a narrow range of results from 0.26 g/t to 0.98 g/t gold.

Table 11-2 – Huronian Trench and Tailings Sampling Results

Sample ID	Sample Type	Description	Au (g/t)
583461	Grab	Min porphyry. Py qz	0.038
586451	Grab	min qz vein 15 cm	101
586452	Grab	Sheered oxidized porphyry	0.412
586453	Grab	min vein S of Porphyry	1.22
586454	Tailings	light brown railings roughly 0.2mbeg	0.459
586455	Tailings	light grey tailings roughly 1m beg. same location as 586454 just deeper	0.413
586456	Tailings	Brown tailings roughly 0.2mbeg	0.489
586457	Tailings	light grey tailings roughly 1mbeg	0.68
568458	Tailings	Grey tailings roughly 1 mbeg	0.98
568459	Tailings	grey tailings roughly 1mbeg	0.263
586460	Grab	min qz vein 25 -30 cm	13.9

12 Conclusion and Recommendations

Previous drilling on the property focused on the Fisher, Fisher North, and McKellar Zones with drilling only reaching a maximum depth of 75 meters while assaying high-grade veins and ignoring the surrounding rock. The 2020 Huronian drill program was planned to test the validity of historic data, expand on known mineralized zones, and test areas between zones. Results form the twenty-nine drillholes revealed that an extension in strike length and plunge of the Fisher and Fisher North zones is plausible. Significant mineralization was found both below historic drilling and between known zones.

Further work on the Huronian property should include drilling at greater depth to test the downhole extension of mineralization. Due to the combination of structural deformation, variability of alteration, and nature of the mineralization it would be vital to develop an accurate structural and geological model of the property as well.

Further investigation of gold in tailings should also be completed, including sampling of the tailings in a grid pattern to see if there is any zonation to the gold grade in tailings.

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14 Statement of Qualification

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CERTIFICATE OF THE AUTHOR

I, Alexander Hughes, do hereby certify that:

1. I am an employee of Fladgate Exploration Consulting Corporation, the geological consulting firm tasked with this report.
2. I am a member in good standing of the Association of Professional Geoscientists of Ontario (APGO #10625).
3. I am a graduate of the Lakehead University (Hons. B.Sc., 2017).
4. I have practiced geology for 4 years in Northwestern Ontario, Canada.
5. I have no previous involvement with the property that forms the subject of this Technical Report.
6. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.

Dated December 12, 2020
Alexander Hughes HB.Sc., G.I.T

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CERTIFICATE OF THE AUTHOR

I, **Caitlin Jeffs**, do hereby certify that:

1. I am a Partner of Fladgate Exploration Consulting Corporation, the geological consulting firm tasked with this report.
2. I am a member in good standing of the Association of Professional Geoscientists of Ontario (APGO #1488).
3. I am a graduate of the University of British Columbia (Hons. B.Sc., 2002).
4. I have practiced geology for 18 years in a variety of settings, mostly in Northwestern Ontario, Canada, and Chile. I have specific experience in Archean lode gold deposits in Ontario, including managing numerous drill programs in the Abitibi Greenstone belt for junior explorers and working as an exploration geologist on an active gold mine in Ontario.
5. I have no previous involvement with the property that forms the subject of this Technical Report.
6. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.

Dated December 12, 2020
Caitlin Jeffs BSc P. Geo
Vice President
Fladgate Exploration Consulting Corporation

Appendix I – Diamond Drill Logs

Hole ID:	20HUR001	**Datum/Projection:**	NAD 83 Zone 15
Project:	Huronian	**UTM North:**	5378735
Claim/Patent #	219034 & PAT-15492	**UTM East:**	664793
Township:	Moss Lake	**Dip:**	-45
		Azimuth:	275.3
Start Date:	30-Jul-20	**Drill Company:**	Chibougamau Diamond Drilling ltd
End Date:	31-Jul-20	**Core Size:**	NQ
EOH Depth:	150 m	**Storage Location:**	Huronian
Drill Comments:			

Main Lithology
Hole ID: 20HUR001
Date Logged: 02-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Lithology	Code	Description
0	3	Overburden (Unsubdivided)	15	Casing
3	17.5	Massive lava Mafic flows (unsubdivided)	2a	fine grain mafic volcanics, common locally strong Qz/Carb veining
17.5	19.55	Pillow breccia/hyaloclastite Mafic	2ba	mafic volcanic flow, breciation, qz/cx veins,
19.55	25.6	Massive lava Mafic flows (unsubdivided)	2a	fine grain mafic volcanics, minor qz/Cx veining
25.6	29.95	Feldspar porphyry	10e	intermediate Feldspar porphry.
29.95	62	Massive lava Mafic flows (unsubdivided)	2a	fine grain mafic volcanics varying intentsity of carbonate
62	63.5	Tuff Mafic (unsubdivided)	2c	mafic tuff; local beds of lapilli tuff(66.75m), moderate pervasive carbonate veins.
63.5	64.05	Lamprophyre Dyke (unsubdivided)	14c	Lamp Dyke pervasive carbonate alteration, weak foliation.
64.05	70.6	Feldspar porphyry	10e	feldspar porphyry, moderate foliation 45 degrees.
70.6	73.1	Tuff Mafic (unsubdivided)	2c	mafic volcanics, selectively pervasive carbonate veins.
73.1	77	Massive lava Mafic flows (unsubdivided)	2a	undifferentiated mafic volcanics, Cx veining, weak moderate chlorite weakly silicified.
77	89.15	Tuff Mafic (unsubdivided)	2c	mafic tuff, moderate chlorite alt, weak Sx vein, weak to moderate magnetite banded.
89.15	92.25	Feldspar porphyry	10e	weak to moderate foliation 30 degrees to core axis, Feldspars 2-3mm.
92.25	97.05	Massive lava Mafic flows (unsubdivided)	2a	undifferentiated mafic volc. 2-3% (py,po); locally up to 5% sulphides(95m) fine to very fine grain disseminated, and stringer veins.
97.05	97.72	Late Mafic Dyke (Unsubdivided)	14d	mafic dyke fine grain, none foliated.
97.72	99.58	Massive lava Mafic flows (unsubdivided)	2a	undifferentiated mafic volc. Cx veining, weak moderate chlorite weakly silicified.

99.58	100.15	Carbonate facies iron formation	6cb	magnetic iron formation, strong carbonate alt, very reactive to acid, minor Cx veins, 1% sulphide (py) vein.
100.15	130	Massive lava Mafic flows (unsubdivided)	2a	undifferentiated mafic volcanics, Cx veining, weak moderate chlorite weakly silicified.
130	130.64	Tuff Mafic (unsubdivided)	2c	mafic tuff, transition from mafic flow to iron formation. 10% sulphide(py,po)
130.64	134.78	Oxide facies iron formation	6ca	oxide iron formation, 10% sulphiide(py,po), locally 25%.
134.78	136.75	Massive lava Mafic flows (unsubdivided)	2a	undifferentiated mafic volcanics, Cx veining, weak moderate chlorite weakly silicified.
136.75	137.55	Oxide facies iron formation	6ca	iron formation, Cx veins 15%,fine grain sulphides(py,po) 3%.
137.55	138	Massive lava Mafic flows (unsubdivided)	2a	undifferentiated mafic volcanics, Cx veining, weak moderate chlorite weakly silicified.
138	140	Massive lava Mafic flows (unsubdivided)	2a	fine grain mafic flow. 1% chl, 2% carb.
140	141.8	Tuff Mafic (unsubdivided); Fine Grained	2c; FG	mafic tuff nearing iron formation, 2% nodules of (Py,Po) weak bands of magnetite.
141.8	142.6	Oxide facies iron formation; Fine Grained	6ca; FG	magnetite rich iron formation,
142.6	147	Massive lava Mafic flows (unsubdivided); Fine Grained	2a; FG	mafic flow, med-drk grey, with occasional sub cm qz/qzc veins, weak moderate pervasive chl, moderate localized carbonate vein associated and weak pervasive vein asscociated silica 1%, 1% fine grain disseminated Py and .5%-1% magnetite bands asscoiated with carbonate veins.
147	150	Tuff Mafic (unsubdivided); Fine Grained	2c; FG	fine grain med grey mafic tuff, pervasive moderate to strong carbonate alt, moderate Chl alteration, weak silica veins, carbonate vins with 2% po/py, 5% magnetite bands associated with Cx veins. EOH

Veining
Hole ID: 20HUR001

Date Logged: 02-Aug-20

Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Angle	Minerals	Description
25.1	25.34	Quartz-Calcite 75% Pyrite 3%		Py03	Qz/Cx mineralized vein
28.3	28.45	Quartz-Calcite 85% Pyrite 2%		Py02	Mineralized Qz/Cx vein
36.5	36.77	Quartz-Calcite 30%			3 ages of veins.
43.74	43.87	Quartz-Calcite 80% Pyrite 3%		Py03	mineralized Qz/Cx vein 2% pyrite
50.59	50.76	Quartz-Calcite 80% Pyrite 5%		Py05	Mineralized Qz/Cx vein
51.62	51.73	Quartz-Calcite 80% Pyrite 3%		Py03	mineralized Qz/Cx vein
53.5	53.75	Quartz-Calcite 80% Pyrite 5%		Py05	MIneralized Qz/Cx vein
76.75	77	Carbonate 30% Pyrite 0.5%		Py00.5	2-3cm wide carb. veins.
78.25	78.35	Quartz-Vein 90%			bull Qz vein.
94.55	95.1	Carbonate 25%			carbonate veins 2cm wide swarm 25% of rock
97.85	98.3	Quartz-Calcite 15% Pyrite 1% Pyrite		Py01 Py	mineralized Qz-Cx vein sub cm running parallel to core axis.
100.3	100.45	Carbonate 20%			Carb vein 20%
110.7	111.05	Quartz-Calcite 15%			Qz-cx veins
135.25	135.85	Quartz-Calcite 15%			Qz-Cx vein swarm, 15% of rock, no mineralization.

Alteration

Hole ID: 20HUR001

Date Logged: 02-Aug-20

Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
3	17.5	Chlorite 0.5; Carbonate 5; Silicification 2	Chl00.5; Car05; Sil02	Pervaisive chlorite alt, carbonate alteration fracture infil, qz alt vein.
17.5	19.55	Chlorite 0.5; Silicification 10; Carbonate 10	Chl00.5; Sil10; Car10	Chlorite pervaisive, Qz and Cx vein
19.55	25.1	Chlorite 0.5; Silicification 5; Carbonate 5	Chl00.5; Sil05; Car05	chlorite pervaisive, Qz and Cx vein
25.1	25.34	Silicification 80; Carbonate 10	Sil80; Car10	Qz vein, carbonate vein.
25.34	25.6	Carbonate 2; Chlorite 0.5; Chlorite; Silicification 5	Car02; Chl00.5; Chl; Sil05	Mafic volc std alt

25.6	29.95	Silicification 5	Sil05	Mod pervasive silica common qzcarb veinlets, major min qz vein at 28.30-28.45m
29.95	47	Chlorite 0.5; Carbonate 2; Silicification 2	Chl00.5; Car02; Sil02	common sub cm to cm scal qz and qzcarb stringers
47	57	Silicification 3; Carbonate 5; Chlorite 0.5	Sil03; Car05; Chl00.5	Common pervasive silica and stronger pervasive and FC carbonate. Notably softer then unit above.
62	73.1	Carbonate 2; Silicification 2; Chlorite 0.5	Car02; Sil02; Chl00.5	selectively pervasive carbonate veining, pervaiseive chlorite.
73.1	77	Chlorite 2; Carbonate 1; Silicification 0.5	Chl02; Car01; Sil00.5	chlorite alt 2%,carbonate 1%,Sx.5%
77	89.15	Carbonate 2; Chlorite 1; IronOxide 2	Car02; Chl01; FeO02	Cx 2%, Chl 1%, Magnetite 2% banded.
89.15	92.25	Silicification 2; Carbonate 0.5	Sil02; Car00.5	Sx 2% pervasive, carbonate .5% veins.
92.25	99.58	Carbonate 3; Silicification 0.5; Chlorite 3	Car03; Sil00.5; Chl03	Cx 3%, Sx .5% Chl 3%
99.58	100.15	Carbonate 50	Car50	Cx 50%
100.15	130	Carbonate 2; Silicification 3; Chlorite 0.5	Car02; Sil03; Chl00.5	Cx 2% Sx 3% increase near veins. Chl .5%
130	130.64	Chlorite 5; Carbonate 2	Chl05; Car02	Chl 5%, Carb 2%
130.64	133.65	Silicification 10; Chlorite 0.5	Sil10; Chl00.5	Sx 10%Chl .5% bands
133.65	134.78	Carbonate 3; Silicification 1; Chlorite 1	Car03; Sil01; Chl01	Carb 3%, sx1%,Chl 1%
134.78	136.75	Chlorite 3; Carbonate 2%	Chl03; Car2%	Chl 3%, Carb 2%
136.75	137.55	Carbonate 5; Chlorite 2	Car05; Chl02	Carb 5%, Chl 2%
137.55	138	Carbonate 5; IronOxide 5	Car05; FeO05	carb 5% magnetite 5%
138	140	Carbonate 2; Chlorite 1	Car02; Chl01	1%chl, 2%Cx,
140	141.8	Chlorite 2; Carbonate 2; Silicification 1; IronOxide 3	Chl02; Car02; Sil01; FeO03	2%Chl, 2%Cx, 1%Sx, 3%mag
141.8	142.6	Silicification 5; Carbonate 5; Chlorite 1	Sil05; Car05; Chl01	5% Sx, 5%Cx, 1%Chl
142.6	147	Chlorite 2; Carbonate 2; Silicification 1	Chl02; Car02; Sil01	2%n Chl, 2% Cx, 1% Sx
147	150	Carbonate 10; Chlorite 3; Silicification	Car10; Chl03; Sil	10% Cx, 3% Chl, 1Sx.

Mineralization

Hole ID:
20HUR001
Date Logged: 02-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
25.1	25.34	Pyrite 3%	Py03	3% fine-very fine grain pyrite in a Qz/Cx vein.
28.3	28.45	Pyrite 2%	Py02	2% fine grain pyrite in Qz/Cx vein.
43.74	43.87	Pyrite 3%	Py03	3% pyrite contained in a Qz/Cx vein
50.59	50.76	Pyrite 5%	Py05	Fine-very fine grained pyrite in Qxz/Cx vein
51.62	51.73	Pyrite 3%	Py03	3% pyrite in a Qz/Cx vein.
53.5	53.75	Pyrite 5%	Py05	fine-very fine grained Pyrite in Qz/cx vein.
62	69.55	Pyrite 1%	Py01	increased pyrite 1% disseminated
77	78.5	Pyrite 0.5%; Pyrrhotite 0.5%	Py00.5; Po00.5	disseminated py,po 1%
82	86	Pyrite 0.5%	Py00.5	disseminated pyrite.
93.2	95	Pyrite 1%	Py01	disseminated pyrite.
95	96.3	Pyrrhotite 1%; Pyrite 2%	Po01; Py02	very fine grain disseminated sulphides
99.58	100.15	Magnetite 20%	Mt20	Carbonate iron formation 20% magnetite.
125	127.2	Pyrite 2%	Py02	elevated disseminated pyrite 2%
130	130.64	Pyrite 5%; Pyrrhotite 2%; Magnetite 5%	Py05; Po02; Mt05	very fine grain dismeminated py/po, 5% magnetite.
130.64	133.65	Pyrite 15%; Pyrrhotite 5%; Magnetite 30%	Py15; Po05; Mt30	oxide iron formation, fine grain py,po15% locally up to 25%.
133.65	134.78	Magnetite 20%; Pyrrhotite 5%; Pyrite 15%	Mt20; Po05; Py15	mag 20% po5%py15%, magnetite drops sulphide increase.
140	141.8	Pyrite 2%; Pyrrhotite 2%; Magnetite 0.5%	Py02; Po02; Mt00.5	py 2%, Po 2% (nodules) Mag .5% bands
141.8	142.6	Magnetite 15%; Pyrite 2%; Pyrrhotite 2%	Mt15; Py02; Po02	15% Mag (blebs) 2% Py bleb, 2% Po bleb
142.6	147	Pyrite 1%; Magnetite 0.5%	Py01; Mt00.5	1% Py, .5% Mt
147	150	Pyrrhotite 2%; Pyrite 2%; Magnetite 5%	Po02; Py02; Mt05	2%Po, 2% Py, 5%Mt

Sample Log
Hole ID: 20HUR001
Date Logged: 02-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Length (m)	Sample ID	Cert No.
3	4	1	585651	A20-09078
4	5	1	585652	A20-09078
5	6	1	585653	A20-09078
6	7	1	585654	A20-09078
7	7.95	0.95	585655	A20-09078
7.95	9	1.05	585656	A20-09078
9	10	1	585657	A20-09078
10	11	1	585658	A20-09078
11	12.1	1.1	585659	A20-09081
12.1	13	0.9	585661	A20-09081
13	14	1	585662	A20-09081
14	15	1	585663	A20-09081
15	16	1	585664	A20-09081
16	16.75	0.75	585665	A20-09081
16.75	17.5	0.75	585666	A20-09081
17.5	18.25	0.75	585667	A20-09081
18.25	19	0.75	585668	A20-09081
19	19.55	0.55	585669	A20-09081
19.55	20	0.45	585671	A20-09081
20	21	1	585672	A20-09081
21	22	1	585673	A20-09081
22	23	1	585674	A20-09081
23	24	1	585675	A20-09081
24	25.1	1.1	585676	A20-09081
25.1	25.6	0.5	585677	A20-09081
25.6	26	0.4	585678	A20-09081
26	27	1	585679	A20-09081
27	28.1	1.1	585680	A20-09081
28.1	28.45	0.35	585681	A20-09081
28.45	29	0.55	585682	A20-09081
29	29.95	0.95	585683	A20-09081
29.95	31	1.05	585684	A20-09081
31	32	1	585685	A20-09078
32	33	1	585686	A20-09078
33	34	1	585687	A20-09078
34	35	1	585688	A20-09078

35	36	1	585689	A20-09078
36	37.05	1.05	585691	A20-09078
37.05	38	0.95	585692	A20-09078
38	39	1	585693	A20-09078
39	40	1	585694	A20-09078
40	41	1	585695	A20-09078
41	42	1	585696	A20-09078
42	43	1	585697	A20-09078
43	43.6	0.6	585698	A20-09078
43.6	44	0.4	585699	A20-09078
44	45	1	585700	A20-09078
45	46	1	585701	A20-09078
46	47	1	585702	A20-09078
47	48	1	585703	A20-09078
48	49	1	585704	A20-09078
49	50	1	585705	A20-09078
50	51	1	585706	A20-09078
51	52	1	585707	A20-09078
52	53	1	585708	A20-09078
53	53.5	0.5	585709	A20-09078
53.5	54.2	0.7	585711	A20-09078
54.2	55	0.8	585712	A20-09078
55	56	1	585713	A20-09078
56	57	1	585714	A20-09078
57	58	1	585715	A20-09078
58	59	1	585716	A20-09078
59	60	1	585717	A20-09078
60	61	1	585718	A20-09078
61	62	1	585719	A20-09078
62	63	1	585720	A20-09078
63	63.5	0.5	585721	A20-09078
63.5	64.05	0.55	585722	A20-09078
64.05	65	0.95	585723	A20-09078
65	66	1	585724	A20-09078
66	67.15	1.15	585725	A20-09078
67.15	68.3	1.15	585726	A20-09078
68.3	69.55	1.25	585727	A20-09078
69.55	70.6	1.05	585728	A20-09078
70.6	71.05	0.45	585729	A20-09078
71.05	72.15	1.1	585731	A20-09078
72.15	73.1	0.95	585732	A20-09078

73.1	74	0.9	585733	A20-09078
74	75	1	585734	A20-09078
75	76	1	585735	A20-09078
76	77	1	585736	A20-09078
77	78	1	585737	A20-09078
78	79	1	585738	A20-09078
79	80	1	585739	A20-09078
80	81	1	585740	A20-09078
81	82	1	585741	A20-09078
82	83	1	585742	A20-09078
83	83.75	0.75	585743	A20-09078
83.75	84.5	0.75	585744	A20-09078
84.5	85.25	0.75	585745	A20-09078
85.25	86	0.75	585746	A20-09078
86	87	1	585747	A20-09078
87	88	1	585748	A20-09078
88	89.15	1.15	585749	A20-09078
89.15	90.1	0.95	585751	A20-09078
90.1	91.15	1.05	585752	A20-09078
91.15	92.25	1.1	585753	A20-09078
92.25	93	0.75	585754	A20-09078
93	94	1	585755	A20-09078
94	94.55	0.55	585756	A20-09078
94.55	95.1	0.55	585757	A20-09078
95.1	96	0.9	585758	A20-09078
96	97.05	1.05	585759	A20-09078
97.05	97.72	0.67	585760	A20-09078
97.72	98.9	1.18	585761	A20-09078
98.9	99.58	0.68	585762	A20-09078
99.58	100.15	0.57	585763	A20-09078
100.15	101.1	0.95	585764	A20-09078
101.1	102	0.9	585765	A20-09078
102	103	1	585766	A20-09078
103	104	1	585767	A20-09078
104	105	1	585768	A20-09078
105	106	1	585769	A20-09078
106	107	1	585771	A20-09078
107	108	1	585772	A20-09078
108	109	1	585773	A20-09078
109	110	1	585774	A20-09078
110	111.05	1.05	585775	A20-09078

111.05	112	0.95	585776	A20-09078
112	113	1	585777	A20-09078
113	114	1	585778	A20-09078
114	115	1	585779	A20-09078
115	116	1	585780	A20-09078
116	117	1	585781	A20-09078
117	118	1	585782	A20-09078
118	119	1	585783	A20-09078
119	120	1	585784	A20-09078
120	121	1	585785	A20-09078
121	122	1	585786	A20-09078
122	123	1	585787	A20-09078
123	124	1	585788	A20-09078
124	125.1	1.1	585789	A20-09078
125.1	126	0.9	585791	A20-09078
126	126.5	0.5	585792	A20-09078
126.5	127.2	0.7	585793	A20-09078
127.2	128	0.8	585794	A20-09078
128	129	1	585795	A20-09078
129	130	1	585796	A20-09078
130	130.64	0.64	585797	A20-09078
130.64	131	0.36	585798	A20-09078
131	132	1	585799	A20-09078
132	133	1	585800	A20-09078
133	133.65	0.65	585801	A20-09078
133.65	134.1	0.45	585802	A20-09078
134.1	134.75	0.65	585803	A20-09078
134.75	135.25	0.5	585804	A20-09078
135.25	135.85	0.6	585805	A20-09078
135.85	136.75	0.9	585806	A20-09078
136.75	137.55	0.8	585807	A20-09078
137.55	138.25	0.7	585808	A20-09078
138.25	139	0.75	585809	A20-09078
139	140	1	585811	A20-09078
140	141	1	585812	A20-09078
141	141.8	0.8	585813	A20-09078
141.8	142.6	0.8	585814	A20-09078
142.6	143.55	0.95	585815	A20-09078
143.55	144.3	0.75	585816	A20-09078
144.3	144.95	0.65	585817	A20-09078
144.95	146	1.05	585818	A20-09078

146	147	1	585819	A20-09078
147	148	1	585820	A20-09078
148	148.75	0.75	585821	A20-09078
148.75	149.35	0.6	585822	A20-09078
149.35	150	0.65	585823	A20-09078

Hole ID:	20HUR002	**Datum/Projection:**	NAD 83 Zone 15
Project:	Huronian	**UTM North:**	5378736
Claim/Patent #	219034 & PAT-15492	**UTM East:**	664787.1
Township:	Moss Lake	**Dip:**	-45
		Azimuth:	288.9
Start Date:	02-Aug-20	**Drill Company:**	Chibougamau Diamond Drilling ltd
End Date:	03-Aug-20	**Core Size:**	NQ
EOH Depth:	102 m	**Storage Location:**	Huronian
Drill Comments:			

Main Lithology
Hole ID: 20HUR002
Date Logged: 04-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
0	3.4	Overburden (Unsubdivided)	15	Casing
3.4	5.1	Massive lava Mafic flows (unsubdivided)	2a	Mafic flow, fine grain, med-drk grey, moderate Cx veins, weak Sx veins, weak/moderate Chl alt.
5.1	7	Iron formation (unsubdivided)	6c	Moderate oxidized iron formation with silisification. Weak Sx/Cx veining throughout. Very fine grained medium grey rock. Px/Po mineralization 1-2% locally 5% at 6.5m.
7	8.14	Massive lava Mafic flows (unsubdivided)	2a	Very fine grained medium grey mafic flows. Rock has weak veining and has silica alteration. Fine grained disseminated sulfides throughtout roughly 2-3%. Rock is heavily fractured and is heavily oxidized.
8.14	11.19	Oxide facies iron formation	6ca	dark grey, very fine grain, weak to moderate Sx veins, weak/moderate Cx, Sulphides Mt10%, Po/Py 2% locally 5% disseminated and veins.
11.19	12.63	Fragmental units Intermediate (unsubdivided)	3bc	Very fine to fine grain light grey intermediate. Weak Cx/Sx veining. Weak Chl alteration.
12.63	19.95	Iron formation (unsubdivided)	6c	Very fine grained medium grey iron formation with moderate Sx/Cx veining. There is moderate Chl alteration. Py/Po locally 10% and 2% throughout. Brecciated from 14-20m.
19.95	25.56	Iron formation (unsubdivided)	6c	Dark grey very fine grained iron formation.Weak Sx/Cx veining and weak Chl alteration. Py/Po mineralization at 3% and Mt at 20%.
25.56	28.62	Massive lava Mafic flows (unsubdivided)	2a	Medium grey very fine grained mafic lava flow with weak Sx/Cx veining. Weak Chl alteration present. Py/Po mineralization at 1%.
28.62	32.47	Quartz Vein	QTZ	There is 15% iron formation (6c). There is weak Sx/Cx veining in theiron formation. There is some weak Chl alteration. Po/Py is 10%, Mt is 10%.

32.47	37.15	Pillow breccia/hyaloclastite Mafic	2ba	Very fine grained medium grey-green mafic pillow breccia. Moderate Qtz veining present as seen at 34m & 37m mark. Smaller Sx/Cx alteration throughout. Strong Chl alteration giving the greenish tint. Py/Po disseminated throughout, 5% locally.
37.15	45	Pillow breccia/hyaloclastite Mafic	2ba	Very fine grained mdium grey-green mafic pillow breccia. There is weak Cx/Sx alteration and small Cx/Sx veins. Po/Py occuring within the Chl alteration but, can also be seen disseminated throughout at 5%.
45	56.3	Tuff Mafic (unsubdivided)	2c	Fine grained medium grey mafic tuff. Weak sillisicifation with weak Cx veins and blebs. There is some weak Chl alteration giving the rock a green tint. Poor sulfide mineralization less than 1%.
56.3	63	Tuff Mafic (unsubdivided)	2c	Light grey fine grained mafic tuff. Weak Sx/Cx veining. Lighter grey is due to an increase of Sx/Cx alteration. Weak Chl alteration giving the rock a green tint. Disseminated Py/Po at 2%
63	69.3	Tuff Mafic (unsubdivided)	2c	Fine grained light grey mafic tuff. Moderate Cx blebs and veining. Weak Sx veining can be seen. Weak Chl alteration giving a green tint.
69.3	69.8	Iron formation (unsubdivided)	6c	Medium grey fine grained iron formtion. Weak Cx veining. Disseminated Py mineralization at 1%. Mt present at 20%.
69.8	73.46	Feldspar porphyry	10e	Light grey medium to fine grain feldspar porphyry. Weak Cx veining throughout. Py mineralization can be see occuring at 72.12m forming medium sized (.5cm) crystals.
73.46	80	Tuff Mafic (unsubdivided)	2c	fine grain, grey-green, mafic tuff, weak foliation, moderate Cx vein-nodules, moderate pervasive Chl, weak Sx veins, moderate Mt selectively pervasive. transitions into a 2a starting around 80m.
80	86	Massive lava Mafic flows (unsubdivided); Tuff Mafic (unsubdivided)	2a; 2c	fine grain, green-grey, mafic flow/tuff (flow top), weak/moderate foliation, transitioning from a tuff into a flow. Sx weak locally increasing around 80.5 (1-2% sulphides in this zone), moderate Chl pervasive, moderate Cx veins/blebs.
86	88.22	Massive lava Mafic flows (unsubdivided)	2a	fine grain, med-dark grey, massive mafic lava flow, weak foliation, moderate pervasive Chl, weak-moderate Cx veins,

88.22	99.42	Variolitic lava Mafic flows	2aa	fine grain, med-drk grey- green, Variolitic mafic flow, weak foliation, vesicles up to 5mm across, transitioning from a flow around 88.22-89.50m, moderate strong pervasive Cx, moderate pervasive Chl, weak Sx veins.
99.42	100.07	Feldspar porphyry	10e	fine grain, dark grey-light grey Feldspar porhpry, feldspars up to 1mm across, no foliation, weak Cx veins, weak-moderate pervasive Chl.
100.07	102	Variolitic lava Mafic flows	2aa	fine grain, med-drk grey- green, Variolitic mafic flow, weak foliation, vesicles up to 5mm across, moderate strong pervasive Cx, moderate pervasive Chl, weak Sx veins. EOH

Veining
Hole ID: 20HUR002
Date Logged: 04-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Gangue	Vein	Angle	Minerals	Description
25.56	25.78	Quartz-Calcite 15% 75° Sulfides 3%			75°	Su03	Qz/Calc vein. flooding
60.17	60.41	Quartz-Calcite 15% 80° Sulfides 3%			80°	Su03	Qz/Cx vein.
73.93	74.07	Quartz-Calcite 15% 75° Sulfides 2%			75°	Su02	2 small 2cm wide veins one cross cutting 90 degrees tca, one at 45 degrees,
76.67	76.75	Carbonate 80% 80°			80°		carbonate vein.
88.76	88.87	Quartz-Vein 30% 5°			5°		qz vein running 5 degrees tca
90.7	90.8	Quartz-Calcite 60% 75° Sulfides 2%			75°	Su02	Qz-Cx vein 75 degrees tca, 2% sulphides.

Alteration
Hole ID: 20HUR002
Date Logged: 04-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
3.4	8.14	Hematite; Silicification 5; Carbonate 1	Hem; Sil05; Car01	Strong fracturing, moderate Sx vein, weak Cx vein.
8.14	11.19	Carbonate 1; Silicification 2; Magnetite 10	Car01; Sil02; MAG10	weak Cx veins, weak to moderate Sx veins, Mt strong (iron formation)
11.19	12.63	Chlorite 2; Carbonate 0.5; Silicification 1	Chl02; Car00.5; Sil01	weak to moderate Chl, weak Cx vein, weak Sx vein.
12.63	15.44	Chlorite 1; Silicification 3; Magnetite 20; Carbonate 2	Chl01; Sil03; MAG20; Car02	weak Chl, moderate Sx vein, strong Mt, weak to moderate Cx vein
15.44	18.51	Carbonate 3; Chlorite 3; Silicification 1; Magnetite 10	Car03; Chl03; Sil01; MAG10	moderate Cx veins, moderate Chl blebs, weak Sx veins, strong Mt
18.51	21	Magnetite 15; Carbonate 1; Silicification 2; Chlorite 0.5	MAG15; Car01; Sil02; Chl00.5	strong Mt pervasive, weak Cx veins, weak/moderate Sx vein, weak bands of Chl.
21	25.56	Carbonate 1; Silicification 2; Magnetite 15	Car01; Sil02; MAG15	weak Cx vein, weak/moderate Sx veins, strong Mt pervasive.
25.56	25.78	Silicification 15; Carbonate 0.5; Magnetite 1	Sil15; Car00.5; MAG01	strong Sx vein/flooding, weak Cx vein, weak Mt band
25.78	28.62	Chlorite 3; Silicification 1; Carbonate 1	Chl03; Sil01; Car01	weak/moderate Chl pervasive, weak Sx veins, weak Cx vein.
28.62	32.47	Silicification 80; Magnetite 5; Carbonate 1; Chlorite 0.5	Sil80; MAG05; Car01; Chl00.5	strong Sx pervasive, moderate Mt bands, weak Cx veins, weak Chl bands
32.47	37.15	Chlorite 5; Silicification 5; Carbonate 1	Chl05; Sil05; Car01	moderate Chl selectivey pervasive, moderate Sx, weak Cx veins
37.15	45	Silicification 15; Carbonate 1; Chlorite 5	Sil15; Car01; Chl05	Strong Sx vein, weak Cx veins, moderate Chl selecively pervasive,
45	56.3	Carbonate 2; Chlorite 3; Silicification 1	Car02; Chl03; Sil01	weak moderate Cx blebs and veins, weak moderate pervvasive Chl, weak Sx veins
56.3	60.17	Carbonate 3; Silicification 2	Car03; Sil02	moderate Cx veins, weak/moderate Sx veins.
60.17	60.41	Silicification 3; Carbonate 4	Sil03; Car04	weak/moderate Sx vein, weak/moderate Cx veins
60.41	63	Carbonate 2; Silicification 2	Car02; Sil02	weak/moerate Cx vein/selectively pervasive, weak/moderate Sx vein.

63	69.3	Carbonate 3; Silicification 1; Chlorite 2	Car03; Sil01; Chl02	weak/moderate Cx bleebs, weak sx vein, weak/moderate Chl pervasive.
69.3	69.8	Carbonate 1; Magnetite 20	Car01; MAG20	weak Cx vein, strong Mt pervasive
69.8	73.46	Carbonate 2; Chlorite 1	Car02; Chl01	Weak Cx veins, Weak pervasive Chl.
73.46	73.93	Chlorite 3; Carbonate 3; Silicification 1	Chl03; Car03; Sil01	moderate Cx vein/bleb, moderate Chl pervasive, weak Sx vein.
73.93	74.07	Silicification 3; Chlorite 3	Sil03; Chl03	weak/moderate Sx, weak moderate Chl.
74.07	80	Carbonate 7; Chlorite 5; Silicification 1; Magnetite 5	Car07; Chl05; Sil01; MAG05	moderate-strong Cx vein/bleb, moderate Chl pervasive, weak Sx, moderate Mt selectively pervasive.
80	81	Carbonate 5; Silicification 5; Chlorite 3	Car05; Sil05; Chl03	moderate Cx vein, moderate Sx vein, weak/moderate Chl pervasive.
81	86	Chlorite 5; Magnetite 5; Silicification 1	Chl05; MAG05; Sil01	moderate Chl pervasieve, moderate Mt selectively pervasive, weak Sx
86	88.22	Carbonate 4; Chlorite 5; Silicification 1	Car04; Chl05; Sil01	weak-moderate Cx vein/bleb, moderate pervasive chl, weak Sx vein.
88.22	90.7	Carbonate 8; Chlorite 5; Silicification 3	Car08; Chl05; Sil03	moderate-strong Cx vein/bleb, moderate pervasive Chl, weak-mdoerate Sx vein
90.7	90.8	Silicification 3; Carbonate 3; Chlorite 5	Sil03; Car03; Chl05	weak-moderate Sx vein, weak-moderate Cx vein, moderate Chl pervasive.
90.8	99.42	Carbonate 8; Chlorite 5; Silicification 2	Car08; Chl05; Sil02	moderate-strong Cx vein/bleb, moderate pervasive Chl, weak-mdoerate Sx vein
99.42	100.07	Carbonate 3; Chlorite 1	Car03; Chl01	weak-moderate Cx, weak Chl
100.07	102	Carbonate 8; Chlorite 5; Silicification 2	Car08; Chl05; Sil02	moderate-strong Cx vein/bleb, moderate pervasive Chl, weak-mdoerate Sx vein

Mineralization
Hole ID: 20HUR002
Date Logged: 04-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
5.1	7	Pyrite 3%; Pyrrhotite 3%; Magnetite 10%	Py03; Po03; Mt10	Py/Po 3% disseminated and stringers, locally up to 5%
7	8.14	Pyrrhotite 1%; Pyrite 1%	Po01; Py01	Py/Po 1% disseminated.
8.14	11.19	Magnetite 10%; Pyrite 5%; Pyrrhotite 5%	Mt10; Py05; Po05	pervasive Mt, Py/Po disseminated and <1mm wide stringers
11.19	12.63	Pyrite 1%	Py01	1% Py disseminated associated with Sx vein
12.63	13.34	Pyrite 10%; Pyrrhotite 10%; Magnetite 10%	Py10; Po10; Mt10	Py/Po 10% disseminated and veins, Mt 10% bands
13.34	19.2	Magnetite 15%; Pyrite 3%; Pyrrhotite 3%	Mt15; Py03; Po03	15% Mt, 3% Py/Po disseminated/veins
19.2	19.95	Magnetite 15%; Sulfides 1%	Mt15; Su01	Mt15% massive, sulphides 1% disseminated
19.95	24.75	Magnetite 20%; Sulfides 1%	Mt20; Su01	20% massive Mt, 1% disseminated sulphides
24.75	25.56	Magnetite 10%; Magnetite; Sulfides 5%	Mt10; Mt; Su05	Mt 10% bands, Sulphides 5% disseminated/veins.
25.56	25.78	Sulfides 2%	Su02	2% disseminated sulphides.
28.62	32.47	Sulfides 10%; Magnetite 5%	Su10; Mt05	Sulphides 10% disseminated and veins, Mt 5% bands
32.47	37.15	Sulfides 5%	Su05	5% disseminated and stringers of sulphides (py/Po)
37.15	43.7	Sulfides 5%	Su05	5% disseminated and veins sulphides.
43.7	44.5	Sulfides 10%	Su10	10% sulphides disseminated, veins.
44.5	45	Sulfides 5%	Su05	5% sulphides disseminated/veins
54	56.3	Sulfides 1%	Su01	1% disseminated sulphides.
56.3	60.17	Sulfides 2%	Su02	2% disseminated sulphides
60.17	60.41	Sulfides 5%	Su05	5% disseminated and veins of sulphides.
60.41	64	Sulfides 1%	Su01	1% disseminated sulphides.
69.3	69.8	Sulfides 1%	Su01	1% disseminated sulphides,
73.93	74.07	Sulfides 2%	Su02	2% disseminated/strings sulphides
74.07	80	Magnetite 5%	Mt05	5% magnetite
81	86	Magnetite 5%	Mt05	5% Mt
90.7	90.8	Sulfides 2%	Su02	2% sulphides disseminated

Sample Log
Hole ID: 20HUR002
Date Logged: 04-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Length (m)	Sample ID	Cert No.
3.4	4.4	1	585941	A20-09155
4.4	5.1	0.7	585942	A20-09155
5.1	6.35	1.25	585943	A20-09155
6.35	7	0.65	585944	A20-09155
7	8.14	1.14	585945	A20-09155
8.14	8.9	0.76	585946	A20-09155
8.9	9.58	0.68	585947	A20-09155
9.58	10.43	0.85	585948	A20-09155
11.19	11.28	0.09	585949	A20-09155
11.28	11.98	0.7	585950	A20-09155
11.98	12.63	0.65	585951	A20-09155
12.63	13.34	0.71	585952	A20-09155
13.34	14.07	0.73	585953	A20-09155
14.07	14.77	0.7	585954	A20-09155
14.77	15.44	0.67	585955	A20-09155
15.44	16.12	0.68	585956	A20-09155
16.12	16.85	0.73	585957	A20-09155
16.85	17.63	0.78	585958	A20-09155
17.63	18.51	0.88	585959	A20-09155
18.51	19.2	0.69	585961	A20-09155
19.2	19.95	0.75	585962	A20-09155
19.95	21	1.05	585963	A20-09155
21	22	1	585964	A20-09155
22	23	1	585965	A20-09155
23	24	1	585966	A20-09155
24	24.75	0.75	585967	A20-09155
24.75	25.56	0.81	585968	A20-09155
25.56	26.26	0.7	585969	A20-09155
26.26	27.43	1.17	585970	A20-09155
27.43	28.62	1.19	585971	A20-09155
28.62	29.32	0.7	585972	A20-09155
29.32	30	0.68	585973	A20-09155
30	30.8	0.8	585974	A20-09155
30.8	31.6	0.8	585975	A20-09155
31.6	32.74	1.14	585976	A20-09155
32.74	33.6	0.86	585977	A20-09155

33.6	34.4	0.8	585978	A20-09155
34.4	35.19	0.79	585979	A20-09155
35.19	36	0.81	585981	A20-09155
36	37.15	1.15	585982	A20-09155
37.15	38	0.85	585983	A20-09155
38	39	1	585984	A20-09155
39	40	1	585985	A20-09155
40	41	1	585986	A20-09155
41	42	1	585987	A20-09155
42	43	1	585988	A20-09155
43	43.7	0.7	585989	A20-09155
43.7	44.5	0.8	585990	A20-09155
44.5	45	0.5	585991	A20-09155
45	46	1	585992	A20-09155
46	47	1	585993	A20-09155
47	48	1	585994	A20-09155
48	49	1	585995	A20-09152
49	50	1	585996	A20-09152
50	51	1	585997	A20-09152
51	52	1	585998	A20-09152
52	53	1	585999	A20-09152
53	54	1	586001	A20-09152
54	55.15	1.15	586002	A20-09152
55.15	56.3	1.15	586003	A20-09152
56.3	57	0.7	586004	A20-09152
57	58	1	586005	A20-09152
58	59	1	586006	A20-09155
59	60	1	586007	A20-09155
60	60.8	0.8	586008	A20-09155
60.8	61.9	1.1	586009	A20-09155
61.9	63	1.1	586010	A20-09155
63	64	1	586011	A20-09155
64	65	1	586012	A20-09155
65	66	1	586013	A20-09152
66	67	1	586014	A20-09152
67	68.15	1.15	586015	A20-09152
68.15	69.3	1.15	586016	A20-09152
69.3	69.8	0.5	586017	A20-09152
69.8	70.51	0.71	586018	A20-09152
70.51	71.6	1.09	586019	A20-09152
71.6	72.6	1	586021	A20-09152

72.6	73.46	0.86	586022	A20-09152
73.46	74.5	1.04	586023	A20-09152
74.5	75.33	0.83	586024	A20-09152
75.33	76	0.67	586025	A20-09152
76	77	1	586026	A20-09152
77	78	1	586027	A20-09152
78	79	1	586028	A20-09152
79	80	1	586029	A20-09152
80	81	1	586030	A20-09152
81	81.9	0.9	586031	A20-09152
81.9	83	1.1	586032	A20-09152
83	84	1	586033	A20-09152
84	85	1	586034	A20-09152
85	86	1	586035	A20-09152
86	87	1	586036	A20-09152
87	88	1	586037	A20-09152
88	88.72	0.72	586038	A20-09152
88.72	89.5	0.78	586039	A20-09152
89.5	90.25	0.75	586041	A20-09152
90.25	91	0.75	586042	A20-09152
91	92	1	586043	A20-09152
92	93	1	586044	A20-09152
93	94	1	586045	A20-09152
94	95	1	586046	A20-09152
95	96	1	586047	A20-09152
96	97.1	1.1	586048	A20-09152
97.1	98.2	1.1	586049	A20-09152
98.2	99.42	1.22	586050	A20-09152
99.42	100.07	0.65	586051	A20-09152
100.07	101	0.93	586052	A20-09152

Hole ID:	20HUR003	**Datum/Projection:**	NAD 83 Zone 15
Project:	Huronian	**UTM North:**	5378733
Claim/Patent #	219034 & PAT-15492	**UTM East:**	664787
Township:	Moss Lake	**Dip:**	-50
		Azimuth:	290.4
Start Date:	03-Aug-20	**Drill Company:**	Chibougamau Diamond Drilling ltd
End Date:	04-Aug-20	**Core Size:**	NQ
EOH Depth:	120 m	**Storage Location:**	Huronian
Drill Comments:			

Main Lithology
Hole ID: 20HUR003
Date Logged: 06-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
0	3	Overburden (Unsubdivided)	15	Casing
3	6	Massive lava Mafic flows (unsubdivided)	2a	fine grain, med-dark grey, maficflow, weakly breacciated, weak-moderate Qz/Cx veins, moderate Chl alt, weak/moderateCx, iron oxide on fracture faces.
6	7.01	Iron formation (unsubdivided)	6c	fine grain, dark grey-black iron formation, strong magnetism, moderateQz veins, minor iron oxide on fracture faces near 6m, weak Cx alt, sulphides 2-3% fine disseminated.
7.01	10.53	Massive lava Mafic flows (unsubdivided)	2a	fine grain, med-dark grey, maficflow, weakly breacciated, weak-moderate Qz/Cx veins, moderate Chl alt, weak/moderateCx, iron oxide on fracture faces, 2-3 sulphides disseminated and stringers
10.53	13.04	Fragmental units Intermediate (unsubdivided)	3bc	fine grain, light-med grey, fragmental intermediate flow, weak modeerate Qz veins, weak Cx veins, weak bands of Chl, Py/Po 5%
13.04	24.7	Iron formation (unsubdivided)	6c	fine grain, dark-med grey, brecciated iron formation. weak foliation, weeak-moderate Qx/CX veins, weak-moderate Chl alt selectively pervasive, Py/Po 3-5%.
24.7	29.56	Iron formation (unsubdivided)	6c	fine grain dark grey, iron formation, weak-moderate foliation, weak-moderate Qz veins weak-moderate selectively pervassive Chl, weak Cx veins. sulphides 2% locally up to 5%
29.56	32.9	Massive lava Mafic flows (unsubdivided)	2a	fine grain, med-drk grey mafic flow, weak cx veins, weak Sx, weak-moderate Chl pervasive.
32.9	33.92	Iron formation (unsubdivided)	6c	fine grain, med-drk grey iron formation moderate foliation, cut by Qtz vein, strong Sx alt, weak Chl bands, Py/Po 1% locally up to 10%
33.92	47.71	Pillowed lava Mafic flows (unsubdivided)	2b	fine grain, drk grey, pillowed mafic flow, weak Cx veins, weak Sx vein, moderate pervasive Chl.

47.71	52.8	Quartz Vein; Iron formation (unsubdivided)	QTZ; 6c	fine grain light grey to dark grey(iron formation) Quartz vein, bands of iron formation within vein, strong Sx, weak selectively pervasive Chl, Py/Po 3% locally to 10%
52.8	56.37	Pillow breccia/hyaloclastite Mafic	2ba	fine grain drk grey pillow breccia, weak Cx blebs, moderate pervasive Chl,
56.37	60.74	Quartz Vein	QTZ	fine grain light grey-white massive Qtz vein, iron formation inclusions, weak/moderate foliation, Strong Sx, weak selectively pervasive Chl, weak Cx veins, Py/Po 3% locally up to 10%
60.74	64	Tuff Mafic (unsubdivided)	2c	fine grain green-med grey tuff, large Qtz vein on edge of core Strong Sx, moderate pervasive Chl, weak Cx veins, py/po 3% locally up to 10%.
64	67.84	Tuff Mafic (unsubdivided)	2c	fine grain green-dark grey mafic tuff, weak folaition, moderate-strong Chl alt, moderate cx belbs/veins, weak Sx veins, py/po 2% near 64m then to background levels at 64.60m
67.84	71.56	Feldspar porphyry	10e	fine grain light grey to drk grey feldspar porphyry, weak Cx veinss, weak Chl alt,
71.56	72	Feldspar porphyry	10e	fine-medium grained, drk grey, Feldspars up to 5mm across, weak foliation, moderate Chl alt, weak Cx veins
72	93.77	Tuff Mafic (unsubdivided)	2c	fine grain, dark-med grey, weak foliation, fragments up to 5cm across, w/m Chl pervasive, W Cx veins, W Qz veins.
93.77	94.36	Lamprophyre Dyke (unsubdivided)	14c	Lamp dyke very fine grain, strong Cx pervasive.
94.36	98.37	Tuff Mafic (unsubdivided)	2c	fine grain, dark-med grey, weak foliation, fragments up to 5cm across, w/m Chl pervasive, W Cx veins, W Qz veins.
98.37	98.99	Lamprophyre Dyke (unsubdivided)	14c	Lamp dyke very fine grain, strong CX pervasive. black fragments 2mm across.
98.99	108.16	Tuff Mafic (unsubdivided)	2c	fine grain, dark-med grey, weak foliation, fragments up to 2cm across, w/m Chl pervasive, W Cx veins, W Qz veins.
108.16	117.84	Tuff Intermediate (unsubdivided); Tuff Felsic (unsubdivided)	3b; 4b	very fine grain, med-light grey, intermediate-felsic tuff, mafic Fragments up to 5cm long(iron formation), felsic fragments up to 2cm wide. qz eyes, Strong Sx,
117.84	120	Tuff Mafic (unsubdivided)	2c	fine grain, dark-med grey, weak foliation, fragments up to 2cm across, w/m Chl pervasive, W Cx veins, W Qz veins.

Sub Lithology
Hole ID: 20HUR003
Date Logged: 06-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
90.65	90.83	Iron formation (unsubdivided)	6c	iron formation
92.09	92.38	Iron formation (unsubdivided)	6c	iron formation.

Veining
Hole ID: 20HUR003
Date Logged: 06-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Gangue	Vein	Angle	Minerals	Description
25.56	25.78	Quartz-Calcite 15% 75° Sulfides 3%			75°	Su03	Qz/Calc vein. flooding
60.17	60.41	Quartz-Calcite 15% 80° Sulfides 3%			80°	Su03	Qz/Cx vein.
73.93	74.07	Quartz-Calcite 15% 75° Sulfides 2%			75°	Su02	2 small 2cm wide veins one cross cutting 90 degrees tca, one at 45 degrees,
76.67	76.75	Carbonate 80% 80°			80°		carbonate vein.
88.76	88.87	Quartz-Vein 30% 5°			5°		qz vein running 5 degrees tca
90.7	90.8	Quartz-Calcite 60% 75° Sulfides 2%			75°	Su02	Qz-Cx vein 75 degrees tca, 2% sulphides.

Alteration
Hole ID: 20HUR003
Date Logged: 06-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
3	6	Carbonate 3; Carbonate; Chlorite 3; Silicification 1	Car03; Car; Chl03; Sil01	weak-moderate Cx, weak-moderate Chl, weak Sx veins.
6	7.01	Magnetite 10; Silicification 5; Carbonate 1	MAG10; Sil05; Car01	fine grain, dark grey-black iron formation, strong magnetism, moderateQz veins, minor iron oxide on fracture faces near 6m, weak Cx alt, sulphides 2-3% fine disseminated.
7.01	10.53	Carbonate 1; Chlorite 5; Silicification 1	Car01; Chl05; Sil01	fine grain, med-dark grey, maficflow, weakly breacciated, weak-moderate Qz/Cx veins, moderate Chl alt, weak/moderateCx, iron oxide on fracture faces, 2-3 sulphides disseminated and stringers
10.53	13.04	Silicification 3; Carbonate 1; Chlorite 1	Sil03; Car01; Chl01	fine grain, light-med grey, fragmental intermediate flow, weak modeerate Qz veins, weak Cx veins, weak bands of Chl, Py/Po 5%
13.04	24.7	Magnetite 15; Carbonate 3; Silicification 3; Chlorite 2	MAG15; Car03; Sil03; Chl02	fine grain, dark-med grey, brecciated iron formation. weak foliation, weeak-moderate Qx/CX veins, weak-moderate Chl alt selectively pervasive, Py/Po 3-5%.
24.7	29.56	Carbonate 2; Chlorite 3; Silicification 2	Car02; Chl03; Sil02	ine grain dark grey, iron formation, weak-moderate foliation, weak-moderate Qz veins weak-moderate selectively pervassive Chl, weak Cx veins. sulphides 2% locally up to 5%
29.56	32.9	Carbonate 1; Chlorite 3; Silicification 1	Car01; Chl03; Sil01	fine grain, med-drk grey mafic flow, weak cx veins, weak Sx, weak-moderate Chl pervasive.
32.9	33.92	Magnetite 10; Chlorite 1; Silicification 10	MAG10; Chl01; Sil10	fine grain, med-drk grey iron formation moderate foliation, cut by Qtz vein, strong Sx alt, weak Chl bands, Py/Po 1% locally up to 10%
33.92	47.71	Carbonate 1; Chlorite 5; Silicification 1	Car01; Chl05; Sil01	fine grain, drk grey, pillowed mafic flow, weak Cx veins, weak Sx vein, moderate pervasive Chl.

47.71	52.8	Silicification 10; Magnetite 3; Chlorite 1	Sil10; MAG03; Chl01	fine grain light grey to dark grey(iron formation) Quartz vein, bands of iron formation within vein, strong Sx, weak selectively pervasive Chl, Py/Po 3% locally to 10%
52.8	56.37	Chlorite 5; Carbonate 1	Chl05; Car01	fine grain drk grey pillow breccia, weak Cx blebs, moderate pervasive Chl,
56.37	60.74	Carbonate 1; Chlorite 1; Silicification 10	Car01; Chl01; Sil10	fine grain light grey-white massive Qtz vein, iron formation inclusions, weak/moderate foliation, Strong Sx, weak selectively pervasive Chl, weak Cx veins, Py/Po 3% locally up to 10%
60.74	64	Silicification 10; Carbonate 1; Chlorite 5	Sil10; Car01; Chl05	fine grain green-med grey tuff, large Qtz vein on edge of core Strong Sx, moderate pervasive Chl, weak Cx veins, py/po 3% locally up to 10%.
64	67.84	Chlorite 8; Carbonate 5; Silicification 1	Chl08; Car05; Sil01	fine grain green-dark grey mafic tuff, weak folaition, moderate-strong Chl alt, moderate cx belbs/veins, weak Sx veins, py/po 2% near 64m then to background levels at 64.60m
67.84	71.56	Carbonate 1; Chlorite 1	Car01; Chl01	fine grain light grey to drk grey feldspar porphyry, weak Cx veinss, weak Chl alt,
71.56	72	Chlorite 3; Silicification 1; Hematite 1	Chl03; Sil01; Hem01	moderate Chl, weak Sx veins, weak hematite.
72	77.6	Carbonate 1; Chlorite 5; Silicification 1	Car01; Chl05; Sil01	weak Cx veins, moderate pervasive Chl. weak Sx veins.
77.6	90.55	Carbonate 1; Chlorite 3; Silicification 3	Car01; Chl03; Sil03	weak Cx veins, weak-moderate Chl, weak-moderate Sx veins-flooding.
90.55	90.83	Silicification 0.5; Magnetite 10; Carbonate 1	Sil00.5; MAG10; Car01	weak sx veins, strong Mt, weak Cx
90.83	92.09	Carbonate 3; Chlorite 2	Car03; Chl02	weak-moderate Cx veins, weak-moderate Chl.
92.09	92.38	Carbonate 1; Magnetite 10	Car01; MAG10	weak Cx strong Mt
92.38	93.77	Chlorite 3; Carbonate 1	Chl03; Car01	weak-moderate Chl, weak Cx

93.77	94.36	Carbonate 10; Hematite 0.5	Car10; Hem00.5	Strong Cx, weak hematite
94.36	98.37	Carbonate 3; Chlorite 3; Silicification 3	Car03; Chl03; Sil03	weak-moderate Cx veins, weak moderate pervasive Chl, weak-moderate Sx veins/flooding.
98.37	98.99	Carbonate 10; Hematite 1	Car10; Hem01	Strong Cx, weak Hematite
98.99	108.16	Carbonate 1; Chlorite 1; Silicification 3	Car01; Chl01; Sil03	weak Cx veins, weak Chl, weak-moderate Sx selectively pervasive.
108.16	117.84	Silicification 10; Carbonate 1	Sil10; Car01	Strong pervasive Sx weak Cx veins.
117.84	120	Carbonate 1; Chlorite 3; Silicification 2	Car01; Chl03; Sil02	weak Cx veins, weak-moderate Chl pervasive, weak-moderate Sx veins/flood

Mineralization
Hole ID: 20HUR003
Date Logged: 06-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
6	10.53	Sulfides 2%	Su2%	fine disseminated sulphides
10.53	13.04	Sulfides 5%	Su05	5% disseminated/stringers
13.04	24.7	Sulfides 3-5	Su3-5	3-5% disseminated
24.7	29.56	Sulfides 2-5	Su2-5	2-5% disseminated/stringers
32.9	33.92	Sulfides 1-10	Su1-10	1% locally10% disseminated/stringers
47.71	52.8	Sulfides 3-10	Su3-10	3-10% disseminated/stringers
56.3	64	Sulfides 3-10	Su3-10	3-10% disseminated/stringers
64	64.6	Sulfides 2%	Su02	disseminated
77.6	90.55	Sulfides 1%	Su01	1% disseminated sulphides Sx vein associatted.
94.36	98.37	Sulfides 1%	Su01	1% disseminated sulphides vein associated.
108.16	117.84	Sulfides 1%	Su01	1% fine disseminated sulphides vein associated
117.84	120	Sulfides 0.5%	Su00.5	.5% disseminated sulphides.

Sample Log
Hole ID: 20HUR003
Date Logged: 06-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Length (m)	Sample ID	Cert No.
3	4	1	586054	A20-09354
4	5	1	586055	A20-09354
5	6	1	586056	A20-09354
6	7.01	1.01	586057	A20-09354
7.01	8	0.99	586058	A20-09354
8	8.7	0.7	586059	A20-09354
8.7	9.45	0.75	586061	A20-09354
9.45	10.45	1	586062	A20-09354
10.45	11.2	0.75	586063	A20-09354
11.2	12.2	1	586064	A20-09354
12.2	13.04	0.84	586065	A20-09354
13.04	14	0.96	586066	A20-09354
14	15	1	586067	A20-09354
15	16	1	586068	A20-09354
16	17	1	586069	A20-09354
17	18	1	586070	A20-09354
18	19	1	586071	A20-09354
19	20	1	586072	A20-09354
20	21	1	586073	A20-09354
21	22	1	586074	A20-09354
22	23	1	586075	A20-09354
23	24	1	586076	A20-09354
24	24.7	0.7	586077	A20-09354
24.7	25.4	0.7	586078	A20-09354
25.4	26.2	0.8	586079	A20-09354
26.2	26.88	0.68	586081	A20-09354
26.88	27.58	0.7	586082	A20-09354
27.58	28.17	0.59	586083	A20-09354
28.17	28.79	0.62	586084	A20-09354
28.79	29.56	0.77	586085	A20-09354
29.56	30.6	1.04	586086	A20-09320
30.6	31.8	1.2	586087	A20-09320
31.8	32.9	1.1	586088	A20-09320
32.9	33.92	1.02	586089	A20-09320
33.92	35	1.08	586090	A20-09320
35	36	1	586091	A20-09320

36	37	1	586092	A20-09320
37	38	1	586093	A20-09320
38	39	1	586094	A20-09320
39	40	1	586095	A20-09320
40	41	1	586096	A20-09320
41	42.1	1.1	586097	A20-09320
42.1	43.2	1.1	586098	A20-09320
43.2	44.3	1.1	586099	A20-09320
44.3	45.4	1.1	586101	A20-09320
45.4	46.6	1.2	586102	A20-09320
46.6	47.71	1.11	586103	A20-09320
47.71	48.36	0.65	586104	A20-09320
48.36	49.08	0.72	586105	A20-09320
49.08	50	0.92	586106	A20-09320
50	50.7	0.7	586107	A20-09320
50.7	51.36	0.66	586108	A20-09320
51.36	52.03	0.67	586109	A20-09320
52.03	52.8	0.77	586110	A20-09320
52.8	54	1.2	586111	A20-09320
54	55.2	1.2	586112	A20-09320
55.2	56.37	1.17	586113	A20-09320
56.37	57.14	0.77	586114	A20-09320
57.14	57.94	0.8	586115	A20-09320
57.94	58.85	0.91	586116	A20-09320
58.85	59.34	0.49	586117	A20-09320
59.34	60.04	0.7	586118	A20-09320
60.04	60.74	0.7	586119	A20-09320
60.74	61.58	0.84	586121	A20-09320
61.58	62.18	0.6	586122	A20-09320
62.18	63	0.82	586123	A20-09320
63	64	1	586124	A20-09320
64	65	1	586125	A20-09320
65	66	1	586126	A20-09354
66	67	1	586127	A20-09354
67	67.84	0.84	586128	A20-09354
67.84	69.2	1.36	586129	A20-09354
69.2	70.4	1.2	586130	A20-09354
70.4	71.56	1.16	586131	A20-09354
71.56	72	0.44	586132	A20-09354
72	73	1	586133	A20-09354
73	74	1	586134	A20-09354

74	75	1	586135	A20-09354
75	76	1	586136	A20-09354
76	77	1	586137	A20-09354
77	77.6	0.6	586138	A20-09354
77.6	78.7	1.1	586139	A20-09354
78.7	79.85	1.15	586141	A20-09354
79.85	80.95	1.1	586142	A20-09354
80.95	82	1.05	586143	A20-09354
82	83	1	586144	A20-09354
83	84	1	586145	A20-09354
84	85	1	586146	A20-09354
85	86.1	1.1	586147	A20-09354
86.1	87.25	1.15	586148	A20-09354
87.25	88.4	1.15	586149	A20-09354
88.4	89.5	1.1	586150	A20-09354
89.5	90.85	1.35	586151	A20-09354
90.85	91.31	0.46	586152	A20-09354
91.31	92.38	1.07	586153	A20-09354
92.38	93	0.62	586154	A20-09354
93	93.77	0.77	586155	A20-09354
93.77	94.36	0.59	586156	A20-09354
94.36	95.3	0.94	586157	A20-09354
95.3	96.3	1	586158	A20-09354
96.3	97.3	1	586159	A20-09354
97.3	98.37	1.07	586161	A20-09354
98.37	98.99	0.62	586162	A20-09354
98.99	100	1.01	586163	A20-09354
100	101	1	586164	A20-09354
101	102	1	586165	A20-09354
102	103	1	586166	A20-09354
103	104	1	586167	A20-09354
104	105	1	586168	A20-09354
105	106	1	586169	A20-09354
106	107	1	586170	A20-09354
107	108.16	1.16	586171	A20-09354
108.16	109	0.84	586172	A20-09354
109	110	1	586173	A20-09354
110	111	1	586174	A20-09354
111	112	1	586175	A20-09354
112	113	1	586176	A20-09354
113	114	1	586177	A20-09354

114	115	1	586178	A20-09354
115	116	1	586179	A20-09354
116	117	1	586181	A20-09354
117	117.84	0.84	586182	A20-09354
117.84	119	1.16	586183	A20-09354
119	120	1	586184	A20-09354

Hole ID:	20HUR004	**Datum/Projection:**	NAD 83 Zone 15
Project:	Huronian	**UTM North:**	5378595
Claim/Patent #	219034 & PAT-15492	**UTM East:**	664500
Township:	Moss Lake	**Dip:**	-45
		Azimuth:	279.9
Start Date:	01-Aug-20	**Drill Company:**	Chibougamau Diamond Drilling ltd
End Date:	02-Aug-20	**Core Size:**	NQ
EOH Depth:	108 m	**Storage Location:**	Huronian
Drill Comments:			

Main Lithology
Hole ID: 20HUR004
Date Logged: 03-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
0	3.6	Overburden (Unsubdivided)	15	overburden; Casing SOH
3.6	4.22	Massive lava Mafic flows (unsubdivided)	2a	Mafic volcanics undifferentiated, dark grey minor Cx veins.
4.22	15.6	Pillow breccia/hyaloclastite Mafic	2ba	brecciatted mafic volcanics, moderate Cx veins, weak Sx verins, Chl alt moderate pervasive, minor sulphides(po,py) nearing contact with 6ca associated with Cx veins. weak to moderate magnetic.
15.6	31.08	Oxide facies iron formation	6ca	oxide facies iron formation, light-med grey, fine grained, moderate Cx veins locally strong, localized iron stone shows red mineral band possible hematite, Mt 5% locally up to 10%, sulphides (po,py) 5% locally up to 10%, higher Sx alt near contact with 3a (~30m).
31.08	37.1	Massive Intermediate lava flows (unsubdivided)	3a	massive intermediate volc, pervasive moderate/strong Sx alt, minor 1mm in width Cx veins, no mineralization.
37.1	49.42	Silicate facies iron formation	6cc	Silica rich iron formation, very fine grain, grey-blue, Sx alt Strong(flooding), starting at 42m- 45.30 fractures showing Cx crystals sulphides(po,py) 5% locally 10%, Mt 5%,
49.42	51.2	Massive Intermediate lava flows (unsubdivided)	3a	Intermediate lava, light-med grey, Qz eyes, Fractures, weak/moderate breciation, Sx moderate/strong, (po,py) 3% in Cx veins.
51.2	52.76	Massive Intermediate lava flows (unsubdivided)	3a	Intermediate flow, med grey, fine grain, massive, weak Cx alt, 1mm wide sulphide veins(po,py) 2%, Sx moderate.
52.76	53.45	Massive Intermediate lava flows (unsubdivided)	3a	Intermediate lava, light-med grey, Qz eyes, Fractures, weak/moderate breciation, Sx moderate/strong, (po,py) 3% in Cx veins.
53.45	56.18	Iron formation (unsubdivided)	6c	med grey to dark grey, Cx alt weak, 1mm wide (po,py) veins 3%, massive, Mt 10%

56.18	57.05	Massive Intermediate lava flows (unsubdivided)	3a	Intermeddiate flow med grey to light grey, Qz eyes, weakly brecciated, moderate strong pervasive Sx alt, weak Cx veins, (Po/Py) 1% (above background).
57.05	57.6	Silicate facies iron formation	6cc	Silica flooded iron formation, light to dark grey, strong Sx veins and flooding, magentite 10%, Po/Py 3%
57.6	66.42	Massive Intermediate lava flows (unsubdivided)	3a	intermediate flow, light/med grey, weak foliation, moderate pervasive Sx alt, weak to moderate Cx veins,
66.42	69.7	Massive Intermediate lava flows (unsubdivided)	3a	intermediate flow, light to medium grey, weak to moderate Sx veins, moderate pervasive Cx,
69.7	71.5	Silicate facies iron formation	6cc	Silcate iron formation, medium grey, weak to moderate Chlorite alt, moderate Sx veins and flooding, weak Cx veins, Magnetite 10% bands, Po/Py (5% locally 10%)
71.5	77.07	Massive Intermediate lava flows (unsubdivided)	3a	intermediate to felsic massive flow. moderate to strong Sx sulphides absent
77.07	82.8	Tuff Mafic (unsubdivided)	2c	medium-dark grey, pervasive Chl alt. weak moderate Cx veins, weak Sx veins. 2% Po/Py
82.8	84.86	Iron formation (unsubdivided)	6c	med-dark grey, fine grain, weak pervasive Chl, weak -moderate Sx veins, selectively pervasive, moderate strong Mt.
84.86	88.68	Feldspar porphyry	10e	1-2mm feldspar, green/grey, moderate pervasive chl alt, weak-moderate Cx eins, .5% py/Po sharp contacts with units above and below.
88.68	96.05	Massive Intermediate lava flows (unsubdivided)	3a	medium grey massive lava flow, fine grain, Weak Chl alt, weak Cx veins,
96.05	96.45	Lamprophyre Dyke (unsubdivided)	14c	Lamp dyke fine grain to medium grained, dark grey-black fragments, strong Cx alt,
96.45	97.03	Iron formation (unsubdivided)	6c	fine grain iron formation, medium grey/reddish, weak Cx veins,
97.03	97.78	Lamprophyre Dyke (unsubdivided)	14c	Lamp Dyke, very fine to fine grained, dark grey, weak Chl, weak Cx veins,
97.78	98.11	Lamprophyre Dyke (unsubdivided)	14c	Lamp Dyke strong pervasive Cx, fine grain to medium grained, dark grey, dark grey to black 2mm in size fragments,
98.11	105	Tuff Mafic (unsubdivided)	2c	fine grain mafic tuff, minor Sx veins, weak Cx veins, weak to moderate Chl.

105	108	Tuff Mafic (unsubdivided)	2c	fine grain, dark grey, moderate to strong Cx veins, weak Chl	EOH

Sub Lithology
Hole ID: 20HUR004
Date Logged: 03-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
106.35	106.37	Late Dykes (unsubdivided) complete unit	14	dark grey/black mafic intrusion.
106.47	106.57	Late Dykes (unsubdivided) complete unit	14	dark grey, strong Cx alteration, blackmafic fragments.

Veining
Hole ID: 20HUR004
Date Logged: 03-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Descriptive element	Gangue	Vein	Angle	Minerals	Description
15.8	16.37	Quartz-Calcite 15% 5° Pyrite 2% Pyrrhotite 2%	15%			5°	Py02 Po02	Qz, Cx vein, running 5 degrees to core axis, mineralized Po/Py 2%
17	17.6	Quartz-Calcite 10% 5° Pyrrhotite 3% Pyrite 3%	10%			5°	Po03 Py03	Qz/Cx vein running 5 degrees to core axis, 3% Po/Py
42.65	45.3	Quartz-Calcite 1% 5° Pyrite 3% Pyrrhotite 3%	1%			5°	Py03 Po03	Py/Po3%, Qz/Cx vein Chunky Cx crystals, Cubic Py
53.72	53.84	Quartz-Calcite 70% 90° Pyrite 1%	70%			90°	Py01	late Qz/Cx vein pinkish white, dissmeinated pyrite,
55.41	56.18	Quartz-Vein 45% 5° Pyrite 3% Pyrrhotite 3%	45%			5°	Py03 Po03	Qz vein running sub parallel to core axis(Sx flooding) Py/Po 3%

106.37	106.47	Carbonate 80% 75°	80%	75°	carbonate vein cross cutting the core.

Alteration
Hole ID: 20HUR004
Date Logged: 03-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
3.6	4.22	Chlorite 1; Carbonate 1	Chl01; Car01	Chl 1%, Cx1%
4.22	15.6	Carbonate 5; Silicification 1; Chlorite 5	Car05; Sil01; Chl05	moderate Cx veining, Weak Sx, Moderate Chlorite
15.6	28.3	Chlorite 5; Carbonate 5; Magnetite 5-10; Silicification 1	Chl05; Car05; MAG5-10; Sil01	moderate chlorite, moderate carbonate, moderate to loaclly strong Mt, weak moderate Sx
28.3	31.08	Silicification 10; Magnetite 5	Sil10; MAG05	Silicified iron formation
31.08	37.1	Silicification 10; Carbonate 0.5	Sil10; Car00.5	Moderate strong Sx, Weak carbonate in veins,
37.1	49.42	Silicification 15; Magnetite 10	Sil15; MAG10	Strong Sx, moderate strong Mt
49.42	51.2	Silicification 10; Carbonate 1	Sil10; Car01	moderate strong Sx, weak Cx
51.2	52.76	Carbonate 1; Silicification 5	Car01; Sil05	weak Cx, moderate Sx
52.76	53.45	Silicification 10; Carbonate 0.5	Sil10; Car00.5	moderate strongSx, Weak Cx
53.45	56.18	Carbonate 2; Silicification 3; Magnetite 10%	Car02; Sil03; MAG10%	weak to moderate Cx large vein. weak moderate Sx vein, Mt moderate to strong
56.18	57.05	Silicification 10; Carbonate 1	Sil10; Car01	Moderate strong Sx, weak Cx
57.05	57.6	Silicification 10; Magnetite 10	Sil10; MAG10	moderate strong Sx, moderate strong Mt
57.6	66.42	Silicification 5; Carbonate 2	Sil05; Car02	moderate pervasive Sx, weak moderate Cx veins
66.42	69.7	Carbonate 5; Carbonate; Silicification 2	Car05; Car; Sil02	Moderate pervasive Cx, weak moderate Sx veins
69.7	71.5	Silicification 5; Magnetite 10; Chlorite 2; Carbonate 1	Sil05; MAG10; Chl02; Car01	moderate veins and flooding Sx, moderate strong Mt bands, weak moderate Chl, weak Cx veins.
71.5	77.07	Silicification 5; Carbonate 1	Sil05; Car01	moderate pervasive Sx, weak Cx veins
77.07	82.8	Carbonate 2; Silicification 1; Chlorite 2-3	Car02; Sil01; Chl2-3	weak-moderate Cx veins, weak Sx veins, weak moderate pervasive Chl

82.8	84.86	Chlorite 1; Silicification 2; Magnetite 10	Chl01; Sil02; MAG10	weak pervasive Chl, weak -moderate Sx veins, selectively pervasive, moderate strong Mt.
84.86	88.68	Chlorite 5; Carbonate 2	Chl05; Car02	moderate Chl pervasivealt, weak to moerate Cx veins
88.68	96.05	Carbonate 1; Chlorite 1	Car01; Chl01	weak Cx veins, weak Chl selectively pervasive.
96.05	96.45	Carbonate 15	Car15	Strong CX
96.45	97.03	Carbonate 1; Silicification 2	Car01; Sil02	weak Cx, weak/moderate pervasive Sx.
97.03	97.78	Chlorite 1; Carbonate 1	Chl01; Car01	weak Chl, weak Cx.
97.78	98.11	Carbonate 15	Car15	Strong pervasive Cx alt.
98.11	105	Carbonate 1; Chlorite 2	Car01; Chl02	weak Cx, weak to moderate Chl
105	106.57	Carbonate 5; Chlorite 1	Car05; Chl01	moderate Cx, weak Chl
106.57	108	Chlorite 1; Carbonate 2	Chl01; Car02	weak Chl, weak to moderate Cx.

Mineralization
Hole ID: 20HUR004
Date Logged: 03-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
4.22	15.6	Pyrite 2%; Pyrrhotite 2%; Magnetite 3%	Py02; Po02; Mt03	Po/Py 2% vein associated. weak moderate Mt
15.6	31.08	Pyrrhotite 5%; Pyrite 5%; Magnetite 10%	Po05; Py05; Mt10	Iron formation moderate strong Mt, moderate sulphides.
37.1	49.42	Magnetite 5-10; Pyrite 5%; Pyrrhotite 5%	Mt5-10; Py05; Po05	magenetite variable concentraion Po/Py 5%
49.42	51.2	Pyrrhotite 3%; Pyrite 3%	Po03; Py03	Po/Py 3%
51.2	52.76	Pyrite 2%; Pyrrhotite 2%	Py02; Po02	Po/Py 2%
52.76	53.45	Pyrrhotite 3%; Pyrite 3%	Po03; Py03	Po/Py 3%
53.45	56.18	Pyrite 5%; Pyrrhotite 5%; Magnetite 10%	Py05; Po05; Mt10	Po/Py 5% locally 10% Mt 10%
56.18	57.05	Pyrite 1%; Pyrrhotite 1%	Py01; Po01	Py/Po 1%

57.05	57.6	Magnetite 10%; Pyrrhotite 3%; Pyrite 3%	Mt10; Po03; Py03	Mt 10% bands, Py/Py 3% disseminated and stringers.
69.7	71.5	Pyrite 5%; Pyrrhotite 5%; Magnetite 10%	Py05; Po05; Mt10	Mt 10% bands, Py/Po 5% locally 10% disseminated and stringers
77.07	82.8	Pyrite 2%; Pyrrhotite 2%	Py02; Po02	Py/Po 2% disseminated, and vein associated.
82.8	84.86	Magnetite 10%; Pyrite 2%; Pyrrhotite 2%	Mt10; Py02; Po02	Mt bands, Py/Po disseminated
90	92	Pyrite 2%	Py02	fine grain disseminated pyrite.
102.6	103.5	Pyrite 1%; Pyrrhotite 1%	Py01; Po01	disseminated Py/Po

Sample Log
Hole ID: 20HUR004
Date Logged: 03-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Length (m)	Sample ID	Cert No.
3.6	4.22	0.62	585824	A20-09074
4.22	5	0.78	585825	A20-09074
5	6	1	585826	A20-09074
6	7	1	585827	A20-09074
7	8	1	585828	A20-09074
8	9	1	585829	A20-09074
9	10	1	585830	A20-09074
10	11	1	585831	A20-09074
11	12	1	585832	A20-09074
12	13.2	1.2	585833	A20-09074
13.2	14.3	1.1	585834	A20-09076
14.3	15.6	1.3	585835	A20-09076
15.6	16.37	0.77	585836	A20-09076
16.37	17	0.63	585837	A20-09076
17	17.6	0.6	585838	A20-09076
17.6	18.3	0.7	585839	A20-09076
18.3	19.4	1.1	585840	A20-09076
19.4	20.5	1.1	585841	A20-09076
20.5	21.6	1.1	585842	A20-09076
21.6	22.7	1.1	585843	A20-09076
22.7	23.7	1	585845	A20-09076
23.7	24.27	0.57	585846	A20-09076
24.27	25	0.73	585847	A20-09076
25	26.12	1.12	585848	A20-09076
26.12	27.25	1.13	585849	A20-09076
27.25	28.38	1.13	585850	A20-09076
28.5	29.25	0.75	585851	A20-09076
29.25	30.5	1.25	585852	A20-09076
30.5	31.08	0.58	585853	A20-09076
31.08	32	0.92	585854	A20-09076
32	33	1	585855	A20-09076
33	34	1	585856	A20-09076
34	35	1	585857	A20-09076
35	36	1	585858	A20-09076
36	37.1	1.1	585859	A20-09076
37.1	38.15	1.05	585860	A20-09076

38.15	39.3	1.15	585861	A20-09076
39.3	40.45	1.15	585862	A20-09076
40.45	41.15	0.7	585863	A20-09076
41.15	42	0.85	585865	A20-09076
42	42.65	0.65	585866	A20-09076
42.65	43.35	0.7	585867	A20-09076
43.35	44.2	0.85	585868	A20-09076
44.2	45.3	1.1	585869	A20-09076
45.3	46	0.7	585870	A20-09076
46	47.15	1.15	585871	A20-09076
47.15	48.3	1.15	585872	A20-09076
48.3	49.42	1.12	585873	A20-09076
49.42	50.2	0.78	585874	A20-09076
50.2	51.2	1	585875	A20-09076
51.2	51.92	0.72	585876	A20-09076
51.92	52.76	0.84	585877	A20-09076
52.76	53.45	0.69	585878	A20-09076
53.45	54.09	0.64	585879	A20-09076
54.09	55.1	1.01	585880	A20-09076
55.1	56.18	1.08	585881	A20-09076
56.18	57.05	0.87	585882	A20-09076
57.05	57.6	0.55	585883	A20-09076
57.6	58.3	0.7	585885	A20-09076
58.3	59	0.7	585886	A20-09076
59	60	1	585887	A20-09076
60	61	1	585888	A20-09074
61	62	1	585889	A20-09074
62	63	1	585890	A20-09074
63	64	1	585891	A20-09074
64	65	1	585892	A20-09074
65	66	1	585893	A20-09074
66	67.15	1.15	585894	A20-09074
67.15	68.35	1.2	585895	A20-09074
68.35	69	0.65	585896	A20-09076
69	69.7	0.7	585897	A20-09076
69.7	70.8	1.1	585898	A20-09076
70.8	71.5	0.7	585899	A20-09076
71.5	72.6	1.1	585900	A20-09076
72.6	73.7	1.1	585901	A20-09076
73.7	74.85	1.15	585902	A20-09076
74.85	76	1.15	585903	A20-09076

76	77.07	1.07	585905	A20-09076
77.07	78.17	1.1	585906	A20-09076
78.17	79.27	1.1	585907	A20-09076
79.27	80.37	1.1	585908	A20-09076
80.37	81.57	1.2	585909	A20-09076
81.57	82.8	1.23	585910	A20-09076
82.8	83.49	0.69	585911	A20-09076
83.49	84.17	0.68	585912	A20-09076
84.17	84.86	0.69	585913	A20-09076
84.86	86	1.14	585914	A20-09076
86	87	1	585915	A20-09074
87	87.7	0.7	585916	A20-09074
87.7	88.68	0.98	585917	A20-09074
88.68	89.78	1.1	585918	A20-09074
89.78	90.88	1.1	585919	A20-09074
90.88	92	1.12	585920	A20-09074
92	93	1	585921	A20-09074
93	94	1	585922	A20-09074
94	95	1	585923	A20-09074
95	96.05	1.05	585925	A20-09074
96.05	96.45	0.4	585926	A20-09074
96.45	97.03	0.58	585927	A20-09074
97.03	97.78	0.75	585928	A20-09074
97.78	98.11	0.33	585929	A20-09074
98.11	99	0.89	585930	A20-09074
99	100	1	585931	A20-09074
100	101	1	585932	A20-09074
101	102	1	585933	A20-09074
102	103	1	585934	A20-09074
103	104	1	585935	A20-09074
104	105	1	585936	A20-09074
105	106.1	1.1	585937	A20-09074
106.1	107	0.9	585938	A20-09074
107	108	1	585939	A20-09074

Hole ID:	20HUR005	**Datum/Projection:**	NAD 83 Zone 15
Project:	Huronian	**UTM North:**	5378715
Claim/Patent #	219034 & PAT-15492	**UTM East:**	664765
Township:	Moss Lake	**Dip:**	-45
		Azimuth:	290.4
Start Date:	04-Aug-20	**Drill Company:**	Chibougamau Diamond Drilling ltd
End Date:	05-Aug-20	**Core Size:**	NQ
EOH Depth:	102 m	**Storage Location:**	Huronian
Drill Comments:			

Main Lithology
Hole ID: 20HUR005
Date Logged: 08-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
0	4.59	Overburden (Unsubdivided)	15	Casing
4.59	13.83	Iron formation (unsubdivided)	6c	fine grain, darkgrey-black iron formation, brecciatted iron formation with mafic volcanic flow. weak moderate Cx veins, moderate Chl in mafic volc. weak Sx veins, 1% fine disseminated sulphides. 10% Mt
13.83	15.46	Massive lava Mafic flows (unsubdivided)	2a	med grey-green fine grain massive mafic flow, moderate Qz vein, moderate pervasive Chl, weak Cx veins.
15.46	18.12	Iron formation (unsubdivided)	6c	fine grain, darkgrey-black iron formation, brecciatted iron formation with mafic volcanic flow. weak moderate Cx veins, moderate Chl in mafic volc. weak Sx veins, 1% fine disseminated sulphides. 10% Mt
18.12	19	Pillow breccia/hyaloclastite Mafic	2ba	med-drk grey, fine grain, brecciatted pillows, weak-moderate Chl pervasive, weak Sx vein, .5% sulphides associated with Qz veins.
19	22.45	Iron formation (unsubdivided)	6c	fine grain, darkgrey-black iron formation, brecciatted iron formation with mafic volcanic flow. weak moderate Cx veins, moderate Chl in mafic volc. weak Sx veins, 1% fine disseminated sulphides. associatee with Qz veins, locally 5% sulphides near 19.10m 10% Mt
22.45	30.97	Variolitic lava Mafic flows	2aa	med-drk grey fine grain Variolitic mafic flow, Vesicles infilled with Cx weak-moderate Cx, weak-moderate Qz veins. weak pervasive Chl. 22.45-23.40 transitioning out of 6c, inclusions of 6c around 30.60 sulphides on edges 2%
30.97	41.14	Iron formation (unsubdivided)	6c	fine grain, darkgrey-black iron formation, brecciatted iron formation with mafic volcanic flow. weak moderate Cx veins, moderate Chl in mafic volc. weak Sx veins, 3% fine disseminated sulphides. 10% Mt
41.14	47	Variolitic lava Mafic flows	2aa	med-drk grey fine grain Variolitic mafic flow, Vesicles infilled with Cx weak-moderate Cx, weak-moderate Qz veins. weak pervasive Chl. sulphides 2% associated with Qz veins, transition zone from 44-47m transitioning from a 2aa-6c.

47	56.47	Iron formation (unsubdivided)	6c	fine grain, darkgrey-black iron formation, brecciatted iron formation with mafic volcanic flow. weak moderate Cx veins, moderate Chl in mafic volc. weak Sx veins, 3-5% fine disseminated sulphides. 10% Mt
56.47	59.79	Tuff Mafic (unsubdivided)	2c	med-grey, green, fine grain mafic tuff, brecciated, moderate Qz veins, moderate Chl pervasieve, weakly magnetitc 2% Mt, 2% sulphides disseminated.
59.79	71.55	Iron formation (unsubdivided)	6c	fine grain, darkgrey-black iron formation, transitioning to a Sulphide facies iron formation(higher sulphide content) weak moderate Cx veins, moderate Chl in mafic volc. weak/moderate Sx veins, 5-8% fine disseminated sulphides. 10% Mt
71.55	85.56	Tuff Intermediate (unsubdivided)	3b	fine grain, med grey intermediate tuff, weak-moderate qz eyes, moderate-strong Sx, disseminated sulphides 3%
85.56	96	Tuff Mafic (unsubdivided)	2c	med-drk grey, fine grain, mafic tuff, weak/moderate Qz/Cx veins, moderate Chl pervassive,
96	97.06	Feldspar porphyry	10e	light-drkgrey,very fine-fine grained Feldspar porphyry, Feldspars up to 2mm across weak Chl alt,
97.06	99.22	Tuff Mafic (unsubdivided)	2c	med-drk grey, fine grain, mafic tuff, moderate Chl pervassive, weak Cx veins.
99.22	101.68	Feldspar porphyry	10e	light-drkgrey,very fine-fine grained Feldspar porphyry, Feldspars up to 2mm across weak Chl alt,
101.68	102	Variolitic lava Mafic flows	2aa	light to med-drkgrey, finegrain Variolitic maficflow. Vesicless up to 3mm wide, Chlalt moderate pervasive, weak-moderate cx veins/vesicle infil. EOH

Sub Lithology
Hole ID: 20HUR005
Date Logged: 08-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
95.73	96	Lamprophyre Dyke (unsubdivided)	14c	Lamp Dyke
96.71	97.06	Lamprophyre Dyke (unsubdivided)	14c	Lamp dyke

Veining
Hole ID: 20HUR005
Date Logged: 08-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Descriptive element	Gangue	Vein	Angle	Minerals	Description
15	15.2	Quartz-Vein 50%	50%					Qz vein/flooding 50% no sulphides seen
19.2	19.25	Carbonate 60% Sulfides 5%	60%				Su05	Cx vein 5% sulphides
31.39	31.53	Quartz-Vein 60% Sulfides 3%	60%				Su03	Qz vein 3% sulphides
33.23	33.48	Quartz-Vein 50% Sulfides 2%	50%				Su02	Qz veins, 2% sulphides
36.6	36.82	Quartz-Vein 50% Sulfides 3%	50%				Su03	Qz vein 3% sulphides
45.05	45.37	Quartz-Vein 60% Sulfides 0.5%	60%				Su00.5	Qz veins .5% sulphides
45.9	46.23	Carbonate 60% Sulfides 0.5%	0.6				Su00.5	Cx veins .5% sulphides
50.64	50.87	Quartz-Vein 75% Sulfides 5%	0.75				Su05	Qz vein/ flooding 5% sulphides
62	62.08	Carbonate 75% Sulfides 0.5%	0.75				Su00.5	Cx vein .5% sulphides
71.57	71.92	Quartz-Vein 85% Sulfides 5%	0.85				Su05	Qz vein 5% sulphides.

Alteration
Hole ID: 20HUR005
Date Logged: 08-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description

5.75	13.83	Carbonate 5; Chlorite 5; Silicification 1; Magnetite 10	Car05; Chl05; Sil01; MAG10	fine grain, darkgrey-black iron formation, brecciatted iron formation with mafic volcanic flow. weak moderate Cx veins, moderate Chl in mafic volc. weak Sx veins, 1% fine disseminated sulphides. 10% Mt
13.83	15.46	Carbonate 1; Chlorite 5; Silicification 5	Car01; Chl05; Sil05	med grey-green fine grain massive mafic flow, moderate Qz vein, moderate pervasive Chl, weak Cx veins.
15.46	18.12	Carbonate 3; Chlorite 5; Silicification 1	Car03; Chl05; Sil01	fine grain, darkgrey-black iron formation, brecciatted iron formation with mafic volcanic flow. weak moderate Cx veins, moderate Chl in mafic volc. weak Sx veins, 1% fine disseminated sulphides. 10% Mt
18.12	19	Chlorite 3; Silicification 1	Chl03; Sil01	med-drk grey, fine grain, brecciatted pillows, weak-moderate Chl pervasive, weak Sx vein, .5% sulphides associated with Qz veins.
19	22.45	Carbonate 3; Chlorite 5; Silicification 1; Magnetite 10	Car03; Chl05; Sil01; MAG10	fine grain, darkgrey-black iron formation, brecciatted iron formation with mafic volcanic flow. weak moderate Cx veins, moderate Chl in mafic volc. weak Sx veins, 1% fine disseminated sulphides. associatee with Qz veins, locally 5% sulphides near 19.10m 10% Mt
22.45	30.97	Carbonate 3; Chlorite 1; Silicification 3	Car03; Chl01; Sil03	med-drk grey fine grain Variolitic mafic flow, Vesicles infilled with Cx weak-moderate Cx, weak-moderate Qz veins. weak pervasive Chl. 22.45-23.40 transitioning out of 6c, inclusions of 6c around 30.60 sulphides on edges 2%
30.97	41.14	Carbonate 3; Chlorite 5; Silicification 1; Magnetite 10	Car03; Chl05; Sil01; MAG10	fine grain, darkgrey-black iron formation, brecciatted iron formation with mafic volcanic flow. weak moderate Cx veins, moderate Chl in mafic volc. weak Sx veins, 3% fine disseminated sulphides. 10% Mt

41.14	47	Carbonate 3; Chlorite 1; Silicification 3	Car03; Chl01; Sil03	med-drk grey fine grain Variolitic mafic flow, Vesicles infilled with Cx weak-moderate Cx, weak-moderate Qz veins. weak pervasive Chl. sulphides 2% associated with Qz veins, transition zone from 44-47m transitioning from a 2aa-6c. weak Mt
47	56.47	Carbonate 3; Chlorite 5; Silicification 1	Car03; Chl05; Sil01	fine grain, darkgrey-black iron formation, brecciatted iron formation with mafic volcanic flow. weak moderate Cx veins, moderate Chl in mafic volc. weak Sx veins, 3-5% fine disseminated sulphides. 10% Mt
56.47	59.79	Chlorite 5; Silicification 5; Magnetite 2	Chl05; Sil05; MAG02	med-grey, green, fine grain mafic tuff, brecciated, moderate Qz veins, moderate Chl pervasieve, weakly magnetitc 2% Mt, 2% sulphides disseminated.
59.79	71.55	Carbonate 3; Chlorite 5; Silicification 3; Magnetite 10	Car03; Chl05; Sil03; MAG10	fine grain, darkgrey-black iron formation, transitioning to a Sulphide facies iron formation(higher sulphide content) weak moderate Cx veins, moderate Chl in mafic volc. weak/moderate Sx veins, 5-8% fine disseminated sulphides. 10% Mt
71.55	77	Silicification 7	Sil07	fine grain, med grey intermediate tuff, weak-moderate qz eyes, moderate-strong Sx, disseminated sulphides 3%
77	85.56	Chlorite 3	Chl03	fine grain, med grey intermediate tuff, moderate Sx, disseminated sulphides 1%, weak-moderate Chl blebs,
85.56	96	Carbonate 3; Chlorite 5; Silicification 3	Car03; Chl05; Sil03	med-drk grey, fine grain, mafic tuff, weak/moderate Qz/Cx veins, moderate Chl pervassive,
96	97.06	Chlorite 1	Chl01	light-drkgrey,very fine-fine grained Feldspar porphyry, Feldspars up to 2mm across weak Chl alt,
97.06	99.22	Chlorite 5; Carbonate 1	Chl05; Car01	med-drk grey, fine grain, mafic tuff, moderate Chl pervassive, weak Cx veins.
99.22	101.68	Chlorite 1	Chl01	light-drkgrey,very fine-fine grained Feldspar porphyry, Feldspars up to 2mm across weak Chl alt,

101.68	102	Chlorite 5; Carbonate 1	Chl05; Car01	light to med-drkgrey, finegrain Variolitic maficflow. Vesicless up to 3mm wide, Chlalt moderate pervasive, weak-moderate cx veins/vesicle infil. EOH

Mineralization
Hole ID: 20HUR005
Date Logged: 08-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
5.75	13.83	Sulfides 1%	Su01	1% disseminated Sulphides
15.46	18.12	Sulfides 1%	Su01	1% disseminated sulphides
18.12	19	Sulfides 0.5%	Su00.5	.5% disseminated sulphides
19	22.45	Sulfides 1%; Sulfides 5%	Su01; Su05	1% disseminated sulphides, 5% sulphides near 19.18 vein associated
22.45	30.97	Sulfides 2%	Su02	2% disseminated sulphides
30.97	41.14	Sulfides 3%	Su03	3% disseminated sulphides
41.14	47	Sulfides 2%	Su02	2% disseminated sulphides
47	56.47	Sulfides 3-5	Su3-5	3-5% disseminated/stringers sulphides
56.47	59.79	Sulfides 2%	Su02	2% disseminated sulphides
59.79	71.55	Sulfides 5-8	Su5-8	5-8% disseminated/stringers sulphides
71.55	77	Sulfides 3%	Su03	3% disseminated sulphides
85.65	85.9	Sulfides 1%	Su01	1% disseminated sulphides.

Sample Log
Hole ID: 20HUR005
Date Logged: 08-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Length (m)	Sample ID	Cert No.
4.59	5.6	1.01	586185	A20-09594
5.6	6.8	1.2	586186	A20-09594
6.8	7.9	1.1	586187	A20-09594
7.9	9	1.1	586188	A20-09594
9	10	1	586189	A20-09594
10	11	1	586190	A20-09594
11	12	1	586191	A20-09594
12	13	1	586192	A20-09594
13	13.83	0.83	586193	A20-09594
13.83	14.76	0.93	586194	A20-09594
14.76	15.46	0.7	586195	A20-09594
15.46	16.56	1.1	586196	A20-09592
16.56	17.25	0.69	586197	A20-09592
17.25	18.12	0.87	586198	A20-09592
18.12	19	0.88	586199	A20-09592
19	19.72	0.72	586201	A20-09592
19.72	21	1.28	586202	A20-09592
21	21.62	0.62	586203	A20-09592
21.62	22.45	0.83	586204	A20-09592
22.45	23.55	1.1	586205	A20-09592
23.55	24.75	1.2	586206	A20-09592
24.75	26	1.25	586207	A20-09592
26	27	1	586208	A20-09594
27	28	1	586209	A20-09594
28	29	1	586210	A20-09594
29	30	1	586211	A20-09592
30	30.97	0.97	586212	A20-09592
30.97	31.67	0.7	586213	A20-09592
31.67	32.66	0.99	586214	A20-09592
32.66	33.48	0.82	586215	A20-09592
33.48	34.23	0.75	586216	A20-09592
34.23	35.27	1.04	586217	A20-09592
35.27	36.27	1	586218	A20-09592
36.27	37.05	0.78	586219	A20-09592
37.05	37.79	0.74	586221	A20-09592
37.79	38.83	1.04	586222	A20-09592

38.83	40	1.17	586223	A20-09592
40	41.14	1.14	586224	A20-09592
41.14	42	0.86	586225	A20-09592
42	43	1	586226	A20-09594
43	44	1	586227	A20-09594
44	45	1	586228	A20-09592
45	45.7	0.7	586229	A20-09592
45.7	46.4	0.7	586230	A20-09592
46.4	47	0.6	586231	A20-09592
47	48	1	586232	A20-09592
48	49.15	1.15	586233	A20-09592
49.15	50.14	0.99	586234	A20-09592
50.14	50.87	0.73	586235	A20-09592
50.87	51.75	0.88	586236	A20-09592
51.75	52.95	1.2	586237	A20-09592
52.95	54.13	1.18	586238	A20-09592
54.13	55.27	1.14	586239	A20-09592
55.27	56.47	1.2	586241	A20-09592
56.47	57.63	1.16	586242	A20-09592
57.63	58.7	1.07	586243	A20-09592
58.7	59.79	1.09	586244	A20-09592
59.79	60.55	0.76	586245	A20-09592
60.55	61.29	0.74	586246	A20-09592
61.29	61.97	0.68	586247	A20-09592
61.97	62.67	0.7	586248	A20-09592
62.67	63.21	0.54	586249	A20-09592
63.21	63.9	0.69	586250	A20-09592
63.9	64.64	0.74	586251	A20-09592
64.64	65.38	0.74	586252	A20-09592
65.38	66.03	0.65	586253	A20-09592
66.03	67	0.97	586254	A20-09592
67	68	1	586255	A20-09592
68	69	1	586256	A20-09592
69	70.02	1.02	586257	A20-09592
70.02	70.72	0.7	586258	A20-09592
70.72	71.55	0.83	586259	A20-09592
71.55	72.33	0.78	586261	A20-09592
72.33	73.3	0.97	586262	A20-09592
73.3	74	0.7	586263	A20-09592
74	75	1	586264	A20-09592
75	76	1	586265	A20-09592

76	77	1	586266	A20-09592
77	78	1	586267	A20-09592
78	79	1	586268	A20-09592
79	80	1	586269	A20-09594
80	81	1	586270	A20-09594
81	82	1	586271	A20-09594
82	83	1	586272	A20-09594
83	84.28	1.28	586273	A20-09594
84.28	85.56	1.28	586274	A20-09594
85.56	86.26	0.7	586275	A20-09594
86.26	87	0.74	586276	A20-09594
87	88	1	586277	A20-09594
88	89	1	586278	A20-09594
89	90	1	586279	A20-09594
90	91	1	586281	A20-09594
91	92	1	586282	A20-09594
92	93	1	586283	A20-09594
93	94	1	586284	A20-09594
94	95	1	586285	A20-09594
95	96	1	586286	A20-09594
96	97.06	1.06	586287	A20-09594
97.06	98.3	1.24	586288	A20-09594
98.3	99.22	0.92	586289	A20-09594
99.22	100.5	1.28	586290	A20-09594
100.5	101.68	1.18	586291	A20-09594
101.68	102	0.32	586292	A20-09594

Hole ID:	20HUR006	**Datum/Projection:**	NAD 83 Zone 15
Project:	Huronian	**UTM North:**	5378740
Claim/Patent #	219034	**UTM East:**	664751
Township:	Moss Lake	**Dip:**	-45
		Azimuth:	185.8
Start Date:	06-Aug-20	**Drill Company:**	Chibougamau Diamond Drilling ltd
End Date:	07-Aug-20	**Core Size:**	NQ
EOH Depth:	102 m	**Storage Location:**	Huronian
Drill Comments:			

Main Lithology
Hole ID: 20HUR006
Date Logged: 09-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
0	3	Overburden (Unsubdivided)	15	Casing
3	12.5	Tuff Mafic (unsubdivided)	2c	fine grain, med-drk grey mafic tuff, weak loacalized foliaiton 25-30tca, rare sub-cm Qz-Qzc veins 1-2 % fine grain disseminated Py increases near lower contact no visible Mt clasts.
12.5	14.7	Tuff Intermediate (unsubdivided)	3b	Fgr , med to light grey int. Tuff with weak Fo running 20-30 deg TCA. Common cm to dm scale qz and qzcarb veins running with FO. Weak patchy chl alt, and mod to strong pervasive/vein associted silica alteration. 3% fgr vein, diss and stringer sufides, typically associated with veins and stronger silica alteration. Sulfides decrease in LC. Unit may just be a strongly silicified section of above.
14.7	17.6	Oxide facies iron formation	6ca	Fgr, med grey oxde Iron Frm. rare mm to sub cm scale qz and qzcarb veins. Weak pervasive chlorite, and moderate banded silica alteration. Weak vein associated carb.3-5% fgr stringer and vein ass Py, 2-3% diss , and stringer Po, 15-20% fgr banded and massive Mt locally 70% over 20 cm. Notable inrease in Py near veins.
17.6	18.35	Quartz Vein	QTZ	Fgr, med grey oxde Iron Frm. rare mm to sub cm scale qz and qzcarb veins. Weak pervasive chlorite, and moderate banded silica alteration. Weak vein associated carb.3-5% fgr stringer and vein ass Py, 2-3% diss , and stringer Po, 15-20% fgr banded and massive Mt locally 70% over 20 cm. Notable inrease in Py near veins.
18.35	24.27	Banded; Variolitic lava Mafic flows	BAND; 2aa	Fgr, med to dark grey mafic flow, with localized variols, and bands of oxide facies iron frm. Weak to mod pervasive chlorite, and weak to mod silica and carbonate alteration. as veins and stringers. 0.5-1% fgr diss and rare vein Py. Unit contains inclusions of oxide faces iron formations as bands, beds and blocks with notable increase in MT over these section which are typically less then 20 cm alond=g core.

24.27	25.77	Oxide facies iron formation; Banded	6ca; BAND	Fgr med to dark grey oxide facies iron formation. mod pervasive chl and mod to strong pervasive silica. 2-3% fgr Po+Py as diss within isolated bands of MT. 10% fgr Mt in isolated bands
25.77	28.39	Pillow breccia/hyaloclastite Mafic ; Flow Breccia	2ba; BRC	Fgr, med to dark grey brecciated and fractured mafic flow,, Weak to mod pervasive chlorite,mod silica and carbonate alteration. Brecciation is annealed with qz carbonate. . as veins and stringers. 1% fgr diss and rare vein Py.Brecciated frags are 2-10cm in dia and are irreegular to eachother, they do not appear to "fit together" along the core with the fragments beside them
28.39	30.63	Magnetic	MAG	fgr med grey with weak to mod chlorite, and moderate pervasive silica and carbonate alteration. Strongly brecciated and magnetic. 2% fgr diss Py and lesser Po.
30.63	31.35	Tuff Mafic (unsubdivided)	2c	fgr med to dark grey with mod to strong chl and mod silica and weak carb alt. Notably less magnetic then unit above or below, also appears more sassive, likly a mafic derived sed. 1% fgr diss Py.
31.35	35.45	Oxide facies iron formation; Banded	6ca; BAND	Fgr med to dark grey oxide facies iron formation. mod pervasive chl and mod to strong pervasive silica. 2-3% fgr Po+Py as diss within isolated bands of MT. 20% fgr Mt in isolated bands Rare isolated dm scale veins.
35.45	39	Tuff Mafic (unsubdivided); Banded	2c; BAND	fgr med to dark grey with weak to mod pervasive chloreit, waek patch silica and carbonate alteration. Common cm scale qz and qzcarb veins running 20 and 75 deg tca. 5% Mt is isolate bands, 2% fgr diss and Mt assocated Py and lesser vein associated.
39	46.86	Foliated; Pillow breccia/hyaloclastite Mafic	FOL; 2ba	med-drk grey, fine grain, brecciated mafic flow, moderate Cx/Qz veins-brecciation infil, moderate pervasive Chl, weak Mt bands, disseminated .5% Py/Po vein associated
46.86	48.06	Tuff Mafic (unsubdivided)	2c	med-drk grey, fine grain mafic tuff, moderate-strong Sx, moderate Cx veins, weak-moderate Chl pervasive, weak Mt 1%, Py/Po increase to 3-5% at 47.59.
48.06	48.89	Quartz Vein	QTZ	light grey-white fine grain Quartz vein, with minor inclusions of 2c, Strong Sx vein/flooding, weak Cx vein, weak Mt, Py/Po 5%, Qz vein flooding 2c mineralizaion on edges of 2c inclusions.

48.89	54.45	Tuff Mafic (unsubdivided)	2c	med-drk grey, fine grain mafic tuff, moderate-strong Sx, moderate Cx veins, weak-moderate Chl pervasive, Py/Po 1% vein associated.
54.45	56.13	Pillow breccia/hyaloclastite Mafic 13°	2ba	med-drk grey fine grain, mafic breccia, weak foliation, Moderate Cx, veins, breccia infilling, moderate pervasiveChl, weak-moderate Sx veins.
56.13	60.08	Tuff Mafic (unsubdivided)	2c	med-drk grey, fine grain mafic tuff, weak-moderate Sx, moderate Cx veins, moderate-strong Chl pervasive, Py/Po 1% vein associated.
60.08	64	Variolitic lava Mafic flows	2aa	med-drkgrey, fine grain, variolitic mafic flow, variols infil with Cx, weak-moderate brecciaion, moderated Qz veins, moderate Cx veins, weak-moderate pervasive Chl.
64	66.43	Massive lava Mafic flows (unsubdivided)	2a	med-drkgrey fine grain mafic flow, massive, weak Cx veins, moderate pervasive Chl, weak Sx vein.
66.43	71.3	Variolitic lava Mafic flows	2aa	med-drkgrey, fine grain, variolitic mafic flow, variols infil with Cx, weak-moderate brecciaion, moderated Qz veins, moderate Cx veins, weak-moderate pervasive Chl.
71.3	78.53	Massive lava Mafic flows (unsubdivided)	2a	med-drkgrey fine grain mafic flow, massive, weak Cx veins, moderate pervasive Chl, weak Sx vein.
71.3	72.5	Massive lava Mafic flows (unsubdivided)	2a	med-drkgrey fine grain mafic flow, massive, weak Cx veins, moderate pervasive Chl, weak Sx vein.
78.53	82.09	Variolitic lava Mafic flows	2aa	med-drkgrey, fine grain, variolitic mafic flow, variols infil with Cx, weak-moderate brecciaion, moderated Qz veins, moderate Cx veins, weak-moderate pervasive Chl.
82.09	82.64	Late Dykes (unsubdivided) complete unit	14	late mafic dyke fine grain, massive.
82.64	86.36	Tuff Mafic (unsubdivided)	2c	med-drk grey, fine grain mafic tuff,1% iron formation fragments. weak-moderate Sx, moderate Cx veins, moderate-strong Chl pervasive, weak Mt 1% sulphides associated with the iron formationfragments,
86.36	91.01	Oxide facies iron formation	6ca	med-drk grey, fine grain, iron formation, brecciated/banded. strong Mt, weak Chl sp, moderate-strongSx flooding, weak Cx veins. sulphides 2-3%.

91.01	92	Tuff Mafic (unsubdivided)	2c	med-drk grey, fine grain mafic tuff,1% iron formation fragments. weak-moderate Sx, moderate Cx veins, moderate-strong Chl pervasive, weak Mt 1% sulphides associated with the iron formationfragments,
92	95.43	Massive lava Mafic flows (unsubdivided)	2a	med-drkgrey fine grain mafic flow, massive, weak Cx veins, moderate pervasive Chl, weak Sx vein.
95.43	99.09	Tuff Mafic (unsubdivided)	2c	med-drk grey, fine grain mafic tuff, mafic fragments up to long weak foliation, weak-moderate Sx, moderate Cx veins, moderate-strong Chl pervasive,
99.09	102	Pillow breccia/hyaloclastite Mafic	2ba	med-drk grey fine grain, mafic breccia, weak foliation, Moderate Cx, veins, breccia infilling, moderate pervasiveChl, weak-moderate Sx veins.

Sub Lithology
Hole ID: 20HUR006
Date Logged: 09-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
48.39	48.48	Tuff Mafic (unsubdivided)	2c	inclusin of2c within a major vein.

Veining
Hole ID: 20HUR006
Date Logged: 09-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Descriptive element	Gangue	Vein	Angle	Minerals	Description
17.6	18.35	Quartz-Breccia 45% 35° Pyrite 3% Sulfides 2%	45%			35°	Py03 Su02	Brecciated Qz veins with host rock of oxide iron frm.
34.13	34.34	Quartz-Vein 75%	75%					qtz vein no major sulfides.
34.34	34.55	Quartz-Vein 80% 75°	80%			75°		Qtz vein . No major sulfides.

40.08	40.18	Quartz-Vein 80% 80° Sulfides 0.5%	80%		80°	Su00.5	Qz vein .5% sulphides
51.8	52.03	Quartz-Calcite 65% 35° Sulfides 1%	65%		35°	Su01	Qz-Cx vein 1% sulphides

Alteration
Hole ID: 20HUR006
Date Logged: 09-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
3	12.5	Carbonate 1; Silicification 1	Car01; Sil01	fine grain, med-drk grey mafic tuff, weak loacalized foliaiton 25-30tca, rare sub-cm Qz-Qzc veins 1-2 % fine grain disseminated Py increases near lower contact no visible Mt clasts.
12.5	14.7	Silicification 3; Carbonate 2; Chlorite 1	Sil03; Car02; Chl01	Fgr , med to light grey int. Tuff with weak Fo running 20-30 deg TCA. Common cm to dm scale qz and qzcarb veins running with FO. Weak patchy chl alt, and mod to strong pervasive/vein associted silica alteration. 3% fgr vein, diss and stringer sufides, typically associated with veins and stronger silica alteration. Sulfides decrease in LC. Unit may just be a strongly silicified section of above.
14.7	17.6	Chlorite 1; Carbonate 2; Silicification 3	Chl01; Car02; Sil03	Fgr, med grey oxde Iron Frm. rare mm to sub cm scale qz and qzcarb veins. Weak pervasive chlorite, and moderate banded silica alteration. Weak vein associated carb.3-5% fgr stringer and vein ass Py, 2-3% diss , and stringer Po, 15-20% fgr banded and massive Mt locally 70% over 20 cm. Notable inrease in Py near veins.

17.6	18.35	Carbonate 3; Chlorite 1; Silicification 3	Car03; Chl01; Sil03	Fgr, med grey oxde Iron Frm. rare mm to sub cm scale qz and qzcarb veins. Weak pervasive chlorite, and moderate banded silica alteration. Weak vein associated carb.3-5% fgr stringer and vein ass Py, 2-3% diss , and stringer Po, 15-20% fgr banded and massive Mt locally 70% over 20 cm. Notable inrease in Py near veins.
18.35	24.27	Carbonate 3; Chlorite 3; Silicification 3; Magnetite 5	Car03; Chl03; Sil03; MAG05	Fgr, med to dark grey mafic flow, with localized variols, and bands of oxide facies iron frm. Weak to mod pervasive chlorite, and weak to mod silica and carbonate alteration. as veins and stringers. 0.5- 1% fgr diss and rare vein Py. Unit contains inclusions of oxide faces iron formations as bands, beds and blocks with notable increase in MT over these section which are typically less then 20 cm alond=g core.
24.27	25.77	Chlorite 5; Silicification 7; Magnetite 10	Chl05; Sil07; MAG10	Fgr med to dark grey oxide facies iron formation. mod pervasive chl and mod to strong pervasive silica. 2-3% fgr Po+Py as diss within isolated bands of MT. 10% fgr Mt in isolated bands
25.77	28.39	Carbonate 3; Chlorite 3; Silicification 3	Car03; Chl03; Sil03	Fgr, med to dark grey brecciated and fractured mafic flow,, Weak to mod pervasive chlorite,mod silica and carbonate alteration. Brecciation is annealed with qz carbonate. . as veins and stringers. 1% fgr diss and rare vein Py.Brecciated frags are 2-10cm in dia and are irreegular to eachother, they do not appear to "fit together" along the core with the fragments beside them
28.39	30.63	Carbonate 5; Chlorite 3; Silicification 5	Car05; Chl03; Sil05	fgr med grey with weak to mod chlorite, and moderate pervasive silica and carbonate alteration. Strongly brecciated and magnetic. 2% fgr diss Py and lesser Po.

30.63	31.35	Carbonate 1; Chlorite 7; Silicification 5; Magnetite 5	Car01; Chl07; Sil05; MAG05	fgr med to dark grey with mod to strong chl and mod silica and weak carb alt. Notably less magnetic then unit above or below, also appears more sassive, likly a mafic derived sed. 1% fgr diss Py.
31.35	35.45	Chlorite 5; Silicification 7; Magnetite 10	Chl05; Sil07; MAG10	Fgr med to dark grey oxide facies iron formation. mod pervasive chl and mod to strong pervasive silica. 2-3% fgr Po+Py as diss within isolated bands of MT. 20% fgr Mt in isolated bands Rare isolated dm scale veins.
35.45	39	Carbonate 1; Chlorite 1; Silicification 5	Car01; Chl01; Sil05	fgr med to dark grey with weak to mod pervasive chloreit, waek patch silica and carbonate alteration. Common cm scale qz and qzcarb veins running 20 and 75 deg tca. 5% Mt is isolate bands, 2% fgr diss and Mt assocated Py and lesser vein associated.
39	46.86	Carbonate 5; Chlorite 5; Silicification 5	Car05; Chl05; Sil05	med-drk grey, fine grain, brecciated mafic flow, moderate Cx/Qz veins-brecciation infil, moderate pervasive Chl, weak Mt bands, disseminated .5% Py/Po vein associated
46.86	48.06	Carbonate 3; Chlorite 3; Silicification 7	Car03; Chl03; Sil07	med-drk grey, fine grain mafic tuff, moderate-strong Sx, moderate Cx veins, weak-moderate Chl pervasive, weak Mt 1%, Py/Po increase to 3-5% at 47.59.
48.06	48.89	Silicification 10; Carbonate 1; Chlorite 1; Magnetite 1	Sil10; Car01; Chl01; MAG01	light grey-white fine grain Quartz vein, with minor inclusions of 2c, Strong Sx vein/flooding, weak Cx vein, weak Mt, Py/Po 5%, Qz vein flooding 2c mineralizaion on edges of 2c inclusions.
48.89	54.45	Carbonate 5; Chlorite 3; Silicification 8	Car05; Chl03; Sil08	med-drk grey, fine grain mafic tuff, moderate-strong Sx, moderate Cx veins, weak-moderate Chl pervasive, Py/Po 1% vein associated.
54.45	56.13	Carbonate 5; Chlorite 5; Silicification 3	Car05; Chl05; Sil03	med-drk grey fine grain, mafic breccia, weak foliation, Moderate Cx, veins, breccia infilling, moderate pervasiveChl, weak-moderate Sx veins.

56.13	60.08	Carbonate 5; Chlorite 8; Silicification 3	Car05; Chl08; Sil03	med-drk grey, fine grain mafic tuff, weak-moderate Sx, moderate Cx veins, moderate-strong Chl pervasive, Py/Po 1% vein associated.
60.08	64	Carbonate 5; Chlorite 3; Silicification 5	Car05; Chl03; Sil05	med-drkgrey, fine grain, variolitic mafic flow, variols infil with Cx, weak-moderate brecciaion, moderated Qz veins, moderate Cx veins, weak-moderate pervasive Chl.
64	66.43	Carbonate 1; Chlorite 5; Silicification 1	Car01; Chl05; Sil01	med-drkgrey fine grain mafic flow, massive, weak Cx veins, moderate pervasive Chl, weak Sx vein.
66.43	71.3	Carbonate 5; Chlorite 3; Silicification 5	Car05; Chl03; Sil05	med-drkgrey, fine grain, variolitic mafic flow, variols infil with Cx, weak-moderate brecciaion, moderated Qz veins, moderate Cx veins, weak-moderate pervasive Chl.
71.3	78.53	Carbonate 1; Chlorite 5; Silicification 1	Car01; Chl05; Sil01	med-drkgrey fine grain mafic flow, massive, weak Cx veins, moderate pervasive Chl, weak Sx vein.
71.3	72.5	Carbonate 1; Chlorite 5; Silicification 1	Car01; Chl05; Sil01	med-drkgrey fine grain mafic flow, massive, weak Cx veins, moderate pervasive Chl, weak Sx vein.
78.53	82.09	Carbonate 5; Chlorite 3; Silicification 5	Car05; Chl03; Sil05	med-drkgrey, fine grain, variolitic mafic flow, variols infil with Cx, weak-moderate brecciaion, moderated Qz veins, moderate Cx veins, weak-moderate pervasive Chl.
82.64	86.36	Carbonate 5; Chlorite 7; Silicification 3	Car05; Chl07; Sil03	med-drk grey, fine grain mafic tuff,1% iron formation fragments. weak-moderate Sx, moderate Cx veins, moderate-strong Chl pervasive, weak Mt 1% sulphides associated with the iron formationfragments,
86.36	91.01	Chlorite 1; Silicification 7; Magnetite 10; Carbonate 1	Chl01; Sil07; MAG10; Car01	med-drk grey, fine grain, iron formation, brecciated/banded. strong Mt, weak Chl sp, moderate-strongSx flooding, weak Cx veins. sulphides 2-3%.

91.01	92	Carbonate 5; Chlorite 7; Silicification 3; Magnetite 1	Car05; Chl07; Sil03; MAG01	med-drk grey, fine grain mafic tuff,1% iron formation fragments. weak-moderate Sx, moderate Cx veins, moderate-strong Chl pervasive, weak Mt 1% sulphides associated with the iron formationfragments,
92	95.43	Carbonate 1; Chlorite 5; Silicification 1	Car01; Chl05; Sil01	med-drkgrey fine grain mafic flow, massive, weak Cx veins, moderate pervasive Chl, weak Sx vein.
95.43	99.09	Carbonate 5; Chlorite 7; Silicification 3	Car05; Chl07; Sil03	med-drk grey, fine grain mafic tuff, mafic fragments up to long weak foliation, weak-moderate Sx, moderate Cx veins, moderate-strong Chl pervasive,
99.09	102	Carbonate 5; Chlorite 5; Silicification 3	Car05; Chl05; Sil03	med-drk grey fine grain, mafic breccia, weak foliation, Moderate Cx, veins, breccia infilling, moderate pervasiveChl, weak-moderate Sx veins.

Mineralization
Hole ID: 20HUR006
Date Logged: 09-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
3	12.5	Sulfides 1-2	Su1-2	1-2% disseminated
12.5	14.7	Sulfides 3%	Su03	disseminated
14.7	17.6	Sulfides 2-3	Su2-3	disseminated
17.6	18.35	Sulfides 2-3	Su2-3	disseminated
18.35	24.27	Sulfides 0.5%	Su00.5	disseminated
24.27	25.77	Sulfides 2-3	Su2-3	disseminated/strigners
25.77	28.39	Sulfides 1%	Su01	disseminated
28.39	30.63	Sulfides 2%	Su02	disseminated
30.63	31.35	Sulfides 1%	Su01	disseminated
31.35	35.45	Sulfides 2-3	Su2-3	disseminated/stringers
35.45	39	Sulfides 2%	Su02	disseminated

39	46.86	Sulfides 0.5%	Su00.5	disseminated
46.86	48.06	Sulfides 3%	Su03	disseminated
48.06	48.89	Sulfides 5%	Su05	3% Po/2%Py
48.89	54.45	Sulfides 1%	Su01	disseminated
56.13	60.08	Sulfides 1%	Su01	disseminated
86.36	86.51	Sulfides 1%	Su01	1% sulphides
87	88.9	Sulfides 5%	Su05	5% fine grain disseminated sulphides
90.54	91.01	Sulfides 3%	Su03	3% disseminated sulphides

Sample Log
Hole ID: 20HUR006
Date Logged: 09-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Length (m)	Sample ID	Cert No.
3	4	1	586293	A20-09595
4	5	1	586294	A20-09595
5	6	1	586295	A20-09595
6	7	1	586296	A20-09595
7	8	1	586297	A20-09595
8	9	1	586298	A20-09595
9	10	1	586299	A20-09593
10	11	1	586301	A20-09593
11	11.78	0.78	586302	A20-09593
11.78	12.5	0.72	586303	A20-09593
12.5	13.23	0.73	586304	A20-09593
13.23	14	0.77	586305	A20-09593
14	14.7	0.7	586306	A20-09593
14.7	15.37	0.67	586307	A20-09593
15.37	16	0.63	586308	A20-09593
16	17	1	586309	A20-09593
17	17.6	0.6	586310	A20-09593
17.6	18.35	0.75	586311	A20-09593
18.35	19.15	0.8	586312	A20-09593
19.15	20	0.85	586313	A20-09593
20	21.1	1.1	586314	A20-09593
21.1	22.23	1.13	586315	A20-09593
22.23	23.27	1.04	586316	A20-09593
23.27	24.27	1	586317	A20-09593
24.27	25	0.73	586318	A20-09593
25	25.77	0.77	586319	A20-09593
25.77	26.55	0.78	586321	A20-09593
26.55	27.47	0.92	586322	A20-09593
27.47	28.37	0.9	586323	A20-09593
28.37	29.35	0.98	586324	A20-09593
29.35	29.95	0.6	586325	A20-09593
29.95	30.6	0.65	586326	A20-09593
30.6	31.35	0.75	586327	A20-09593
31.35	32.2	0.85	586328	A20-09593
32.2	33.2	1	586329	A20-09593
33.2	34.1	0.9	586330	A20-09593

34.1	34.9	0.8	586331	A20-09593
34.9	35.45	0.55	586332	A20-09593
35.45	36.2	0.75	586333	A20-09593
36.2	37	0.8	586334	A20-09593
37	38	1	586335	A20-09593
38	39	1	586336	A20-09595
39	40	1	586337	A20-09595
40	40.7	0.7	586338	A20-09595
40.7	41.5	0.8	586339	A20-09595
41.5	42.6	1.1	586341	A20-09595
42.6	43.7	1.1	586342	A20-09595
43.7	44.8	1.1	586343	A20-09595
44.8	46	1.2	586344	A20-09593
46	46.86	0.86	586345	A20-09593
46.86	47.6	0.74	586346	A20-09593
47.6	48.06	0.46	586347	A20-09593
48.06	48.89	0.83	586348	A20-09593
48.89	50	1.11	586349	A20-09593
50	51	1	586350	A20-09593
51	51.7	0.7	586351	A20-09595
51.7	52.73	1.03	586352	A20-09595
52.73	53.75	1.02	586353	A20-09595
53.75	54.45	0.7	586354	A20-09595
54.45	55.3	0.85	586355	A20-09595
55.3	56.13	0.83	586356	A20-09595
56.13	57	0.87	586357	A20-09595
57	58	1	586358	A20-09595
58	59	1	586359	A20-09595
59	60.08	1.08	586361	A20-09595
60.08	61	0.92	586362	A20-09595
61	62	1	586363	A20-09595
62	63	1	586364	A20-09595
63	64	1	586365	A20-09595
64	65.2	1.2	586366	A20-09595
65.2	66.43	1.23	586367	A20-09595
66.43	67.6	1.17	586368	A20-09595
67.6	68.7	1.1	586369	A20-09595
68.7	70	1.3	586370	A20-09595
70	71.3	1.3	586371	A20-09595
71.3	72.4	1.1	586372	A20-09595
72.4	73.5	1.1	586373	A20-09595

73.5	74.38	0.88	586374	A20-09595
74.38	75	0.62	586375	A20-09595
75	76.15	1.15	586376	A20-09595
76.15	77.3	1.15	586377	A20-09595
77.3	78.53	1.23	586378	A20-09595
78.53	79.73	1.2	586379	A20-09595
79.73	80.97	1.24	586381	A20-09595
80.97	82.08	1.11	586382	A20-09595
82.08	82.64	0.56	586383	A20-09595
82.64	83.74	1.1	586384	A20-09595
83.74	84.87	1.13	586385	A20-09595
84.87	85.8	0.93	586386	A20-09593
85.8	86.36	0.56	586387	A20-09593
86.36	87	0.64	586388	A20-09593
87	87.7	0.7	586389	A20-09593
87.7	88.7	1	586390	A20-09593
88.7	89.41	0.71	586391	A20-09593
89.41	90.09	0.68	586392	A20-09593
90.09	91	0.91	586393	A20-09593
91	92	1	586394	A20-09595
92	93.18	1.18	586395	A20-09595
93.18	94.36	1.18	586396	A20-09595
94.36	95.43	1.07	586397	A20-09595
95.43	96.22	0.79	586398	A20-09595
96.22	97	0.78	586399	A20-09595
97	98	1	586401	A20-09595
98	99.09	1.09	586402	A20-09595
99.09	100	0.91	586403	A20-09595
100	101	1	586404	A20-09595
101	102	1	586405	A20-09595

Hole ID:	20HUR007	**Datum/Projection:**	NAD 83 Zone 15
Project:	Huronian	**UTM North:**	5378744.07
Claim/Patent #	219034	**UTM East:**	664750.36
Township:	Moss Lake	**Dip:**	-75
		Azimuth:	188.8
Start Date:	07-Aug-20	**Drill Company:**	Chibougamau Diamond Drilling ltd
End Date:	08-Aug-20	**Core Size:**	NQ
EOH Depth:	105 m	**Storage Location:**	Huronian
Drill Comments:			

Main Lithology
Hole ID: 20HUR007
Date Logged: 10-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
0	1.16	Overburden (Unsubdivided)	15	casing
1.16	13.71	Variolitic lava Mafic flows	2aa	med-drk grey, fine grain, Variolitic flow, weak/modeerate foliation around 45degrees tca, moderate Cx variol infil/veins, weak sx veins, moderate pervasive chlorite,
13.71	14.85	Tuff Intermediate (unsubdivided)	3b	light-med grey, very fine grain intermediate tuff, weak foliation, weak Cx veins, weak SX veins, weak Chl nearcontact with 2c.
14.85	18.07	Tuff Mafic (unsubdivided)	2c	med-drk grey fine grain mafic tuff, weak foliation, weak-moderate Cx veins/nodules, moderate pervasive Chl,
18.07	20.82	Quartz Vein	QTZ	med grey -white, fine grain, Quartz Vein, Qz vein 60% of the rock, vein+flooding of (2c/6c) zone, strong Sx, weak-moderate Chl, weak Cxveins, Py/Po 5% disseminated and stringers.
20.82	25.28	Sulphide facies iron formation	6cd	drrk grey-black very fine grain sulphide facies iron formation, brecciated, moderate-strongSx, weak Cx veins, moderate-strong Mt, Py/Po 15-20%, Mt 10%
25.28	37.25	Tuff Mafic (unsubdivided)	2c	med-drk grey fine grain mafic tuff, weak foliation, weak-moderate Cx veins/nodules, moderate pervasive Chl,
37.25	56.69	Pillow breccia/hyaloclastite Mafic	2ba	med-drk grey, fine grain pillow breccia, weak foliation, moderate Cx veins/breccia infil, weak Sx moderate Chl alt, 51-52m transition from 2ba/2aa.
56.69	57.5	Quartz Vein	QTZ	med grey-white fine grain Quartz vein/Sx flooding, strong Sx moderate Chl selectively pervasive, 3% Py/Po.
57.5	58.32	Pillow breccia/hyaloclastite Mafic	2ba	med-drk grey, fine grain pillow breccia, weak foliation, moderate Cx veins/breccia infil, weak Sx moderate Chl alt,
58.32	59.78	Quartz Vein	QTZ	med grey-white fine grain Quartz vein/Sx flooding, strong Sx moderate Chl selectively pervasive, 5% Py/Po disseminated/stringers massive around 58.80m

59.78	65.24	Tuff Mafic (unsubdivided)	2c	med-drk grey, fine grain mafic Tuff, inclusions of 6c 10% of total rock, weak foliation, strong sx from 59.78-62.10m, moderate Chl selectively pervasive, weak Cx veins, Py/Po 3% disseminated.
65.24	69.34	Feldspar porphyry	10e	light-drk grey, very fine-fine grain, weak chl, weak Cx veins, weak sx veins.
69.34	69.76	Tuff Mafic (unsubdivided)	2c	med-dark grey, fine grain mafic tuff brecciated, weak-moderate cx moderate Chl, weak Sx, py/po 3%
69.76	72.46	Iron formation (unsubdivided)	6c	drk grey-black iron formation, fine grain, brecciated, blocks of 2c(2%), Mt60% of rock, weak Cx veins, weak Chl. 2% disseminated Py/Po
69.76	70.36	Iron formation (unsubdivided)	6c	drk grey-black iron formation, fine grain, brecciated, blocks of 2c(2%), Mt60% of rock, weak Cx veins, weak Chl. 2% disseminated Py/Po
72.46	73.28	Massive lava Mafic flows (unsubdivided)	2a	fine grain, med-drk grey mafic flow, moderate Sx flooding, moderate Chl.
73.28	73.98	Quartz Vein	QTZ	fine grain, light-grey-med grey Qtz vein/flooding, inclusions of 2a, strong Sx, weak/moderate Chl,
73.98	77.35	Tuff Mafic (unsubdivided)	2c	med-dark grey, fine grain mafic tuff brecciated, weak-moderate cx moderate Chl, weak Sx,
77.35	78.09	Lamprophyre Dyke (unsubdivided)	14c	Lamp dyke strong Cx.
78.09	90.04	Tuff Mafic (unsubdivided)	2c	med-dark grey, fine grain mafic tuff brecciated, moderate cx moderate Chl, weak Sx veins
90.04	91.77	Iron formation (unsubdivided)	6c	drk grey-black fine grain iron formation brecciatted with inclusions of 2c, strong Mt, weak/moderate Cx, weak Chl, Py/Po 3% disseminated and stringers.
91.77	93.3	Iron formation (unsubdivided); Tuff Mafic (unsubdivided)	6c; 2c	fine grain drk grey, mafic tuff with 20% iron formation inclusions, Moderate-strong Mt, moderate Chl, weak Cx, Py/Po 2%
93.3	99.2	Tuff Mafic (unsubdivided)	2c	med-dark grey, fine grain mafic weakly brecciated, moderate cx moderate Chl, weak Sx veins
99.2	105	Pillow breccia/hyaloclastite Mafic	2ba	med grey-green Fine grain pillow breccia, weak-moderate Cx, weak Sx, moderate-strong Chl, EOH

Sub Lithology

Hole ID: 20HUR007
Date Logged: 10-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
57	57.23	Pillow breccia/hyaloclastite Mafic	2ba	med-drkgrey fine grain pillow breccia.

Veining
Hole ID: 20HUR007
Date Logged: 10-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Descriptive element	Gangue	Vein	Angle	Minerals	Description
28.7	28.82	Quartz-Vein 25% Sulfides 2%	25%				Su02	qz vein
32.72	33.07	Quartz-Vein 25% Sulfides 2%	25%				Su02	Qz vein.
37.33	37.55	Quartz-Vein 25% Sulfides 2%	25%				Su02	Qz vein/flooding

Alteration
Hole ID: 20HUR007
Date Logged: 10-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
1.16	13.71	Carbonate 5; Chlorite; Silicification 1	Car05; Chl; Sil01	med-drk grey, fine grain, Variolitic flow, weak/modeerate foliation around 45degrees tca, moderate Cx variol infil/veins, weak sx veins, moderate pervasive chlorite,
13.71	14.85	Carbonate 1; Chlorite 1; Silicification 1	Car01; Chl01; Sil01	light-med grey, very fine grain intermediate tuff, weak foliation, weak Cx veins, weak SX veins, weak Chl nearcontact with 2c.

14.85	18.07	Carbonate 3; Chlorite 5	Car03; Chl05	med-drk grey fine grain mafic tuff, weak foliation, weak-moderate Cx veins/nodules, moderate pervasive Chl,
18.07	20.82	Carbonate 1; Chlorite 3; Silicification 10	Car01; Chl03; Sil10	med grey -white, fine grain, Quartz Vein, Qz vein 60% of the rock, vein+flooding of (2c/6c) zone, strong Sx, weak-moderate Chl, weak Cxveins, Py/Po 5% disseminated and stringers.
20.82	25.28	Silicification 8; Carbonate 1; Magnetite 8	Sil08; Car01; MAG08	drrk grey-black very fine grain sulphide facies iron formation, brecciated, moderate-strongSx, weak Cx veins, moderate-strong Mt, Py/Po 15-20%, Mt 10%
25.28	37.25	Carbonate 3; Chlorite 5	Car03; Chl05	med-drk grey fine grain mafic tuff, weak foliation, weak-moderate Cx veins/nodules, moderate pervasive Chl,
37.25	56.69	Carbonate 5; Chlorite 5; Silicification 1	Car05; Chl05; Sil01	med-drk grey, fine grain pillow breccia, weak foliation, moderate Cx veins/breccia infil, weak Sx moderate Chl alt, 51-52m transition from 2ba/2aa.
56.69	57.5	Silicification 10; Chlorite 5	Sil10; Chl05	med grey-white fine grain Quartz vein/Sx flooding, strong Sx moderate Chl selectively pervasive, 3% Py/Po.
57.5	58.32	Carbonate 5; Chlorite 5; Silicification 1	Car05; Chl05; Sil01	med-drk grey, fine grain pillow breccia, weak foliation, moderate Cx veins/breccia infil, weak Sx moderate Chl alt,
58.32	59.78	Silicification 10; Chlorite 5	Sil10; Chl05	med grey-white fine grain Quartz vein/Sx flooding, strong Sx moderate Chl selectively pervasive, 5% Py/Po disseminated/stringers massive around 58.80m
59.78	65.24	Carbonate 1; Chlorite 5; Magnetite 7; Silicification 10	Car01; Chl05; MAG07; Sil10	med-drk grey, fine grain mafic Tuff, inclusions of 6c 10% of total rock, weak foliation, strong sx from 59.78-62.10m, moderate Chl selectively pervasive, weak Cx veins, Py/Po 3% disseminated.
65.24	69.34	Carbonate 1; Chlorite 1; Silicification 1	Car01; Chl01; Sil01	light-drk grey, very fine-fine grain, weak chl, weak Cx veins, weak sx veins.
69.34	69.76	Carbonate 3; Chlorite 5; Silicification 1	Car03; Chl05; Sil01	med-dark grey, fine grain mafic tuff brecciated, weak-moderate cx moderate Chl, weak Sx, py/po 3%

69.76	72.46	Carbonate 1; Chlorite 1; Magnetite 10	Car01; Chl01; MAG10	drk grey-black iron formation, fine grain, brecciated, blocks of 2c(2%), Mt60% of rock, weak Cx veins, weak Chl. 2% disseminated Py/Po
69.76	70.36	Carbonate 1; Chlorite 1; Magnetite 10	Car01; Chl01; MAG10	drk grey-black iron formation, fine grain, brecciated, blocks of 2c(2%), Mt60% of rock, weak Cx veins, weak Chl. 2% disseminated Py/Po
72.46	73.28	Chlorite 5; Silicification 5	Chl05; Sil05	fine grain, med-drk grey mafic flow, moderate Sx flooding, moderate Chl.
73.28	73.98	Silicification 10; Chlorite 3	Sil10; Chl03	fine grain, light-grey-med grey Qtz vein/flooding, inclusions of 2a, strong Sx, weak/moderate Chl,
73.98	77.35	Chlorite 5; Silicification 1; Carbonate 3	Chl05; Sil01; Car03	med-dark grey, fine grain mafic tuff brecciated, weak-moderate cx moderate Chl, weak Sx,
77.35	78.09	Carbonate 10	Car10	Lamp dyke strong Cx.
78.09	90.04	Carbonate 5; Chlorite 5; Silicification 1	Car05; Chl05; Sil01	med-dark grey, fine grain mafic tuff brecciated, moderate cx moderate Chl, weak Sx veins
90.04	91.77	Carbonate 3; Chlorite 1; Magnetite 10	Car03; Chl01; MAG10	drk grey-black fine grain iron formation brecciatted with inclusions of 2c, strong Mt, weak/moderate Cx, weak Chl, Py/Po 3% disseminated and stringers.
91.77	93.3	Magnetite 8; Chlorite 5; Carbonate 1	MAG08; Chl05; Car01	fine grain drk grey, mafic tuff with 20% iron formation inclusions, Moderate-strong Mt, moderate Chl, weak Cx, Py/Po 2%
93.3	99.2	Carbonate 5; Silicification 1	Car05; Sil01	med-dark grey, fine grain mafic weakly brecciated, moderate cx moderate Chl, weak Sx veins
99.2	105	Carbonate 3; Chlorite 8; Silicification 1	Car03; Chl08; Sil01	med grey-green Fine grain pillow breccia, weak-moderate Cx, weak Sx, moderate-strong Chl, EOH

Mineralization
Hole ID: 20HUR007
Date Logged: 10-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
18.07	20.82	Sulfides 5%	Su05	5% disseminated/stringers
20.82	25.82	Sulfides 15-20; Magnetite 10%	Su15-20; Mt10	15-20% sulfides disseminated stringers, blocks of massive.
56.69	57.5	Sulfides 3%	Su03	3% disseminated sulphides
58.82	59.78	Sulfides 5%	Su05	5% disseminated sulphides/stringers and massive.
59.78	65.24	Sulfides 3%	Su03	3% disseminated sulphides
69.34	69.76	Sulfides 3%	Su03	3% disseminated
69.76	70.36	Sulfides 2%	Su02	2% disseminated.
90.04	91.77	Pyrite 3%; Pyrrhotite 3%	Py03; Po03	3% disseminated/stringers
91.77	93.3	Pyrrhotite 2%; Pyrite 2%	Po02; Py02	2% disseminated.

Sample Log
Hole ID: 20HUR007
Date Logged: 10-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Length (m)	Sample ID	Cert No.
1.16	2	0.84	586406	A20-09727
2	3	1	586407	A20-09727
3	4	1	586408	A20-09727
4	5	1	586409	A20-09727
5	6	1	586410	A20-09727
6	7	1	586411	A20-09727
7	8	1	586412	A20-09727
8	9	1	586413	A20-09727
9	10.1	1.1	586414	A20-09727
10.1	11.2	1.1	586415	A20-09728
11.2	12.45	1.25	586416	A20-09728
12.45	13.71	1.26	586417	A20-09728
13.71	14.85	1.14	586418	A20-09728
14.85	16	1.15	586419	A20-09728
16	17	1	586421	A20-09728
17	18.07	1.07	586422	A20-09728
18.07	18.77	0.7	586423	A20-09728
18.77	19.49	0.72	586424	A20-09728
19.49	20.2	0.71	586425	A20-09728
20.2	20.82	0.62	586426	A20-09728
20.82	21.72	0.9	586427	A20-09728
21.72	22.55	0.83	586428	A20-09728
22.55	23.37	0.82	586429	A20-09728
23.37	24.06	0.69	586430	A20-09728
24.06	25.28	1.22	586431	A20-09728
25.28	26	0.72	586432	A20-09728
26	27	1	586433	A20-09728
27	27.8	0.8	586434	A20-09728
27.8	28.5	0.7	586435	A20-09728
28.5	29.2	0.7	586436	A20-09728
29.2	30	0.8	586437	A20-09728
30	31	1	586438	A20-09728
31	32	1	586439	A20-09728
32	32.68	0.68	586441	A20-09728
32.68	33.35	0.67	586442	A20-09728
33.35	34.35	1	586443	A20-09728

34.35	35.25	0.9	586444	A20-09727
35.25	36.25	1	586445	A20-09727
36.25	37.25	1	586446	A20-09727
37.25	37.97	0.72	586447	A20-09727
37.97	39	1.03	586448	A20-09727
39	40	1	586449	A20-09727
40	41	1	586450	A20-09727
41	42	1	586551	A20-09727
42	43	1	586552	A20-09727
43	44	1	586553	A20-09727
44	45	1	586554	A20-09727
45	46	1	586555	A20-09727
46	47	1	586556	A20-09727
47	48	1	586557	A20-09727
48	49	1	586558	A20-09727
49	50	1	586559	A20-09727
50	51	1	586561	A20-09727
51	52	1	586562	A20-09727
52	53	1	586563	A20-09727
53	54.2	1.2	586564	A20-09727
54.2	55.4	1.2	586565	A20-09727
55.4	56.69	1.29	586566	A20-09727
56.69	57.5	0.81	586567	A20-09728
57.5	58.32	0.82	586568	A20-09728
58.32	59.05	0.73	586569	A20-09728
59.05	59.78	0.73	586570	A20-09728
59.78	60.51	0.73	586571	A20-09728
60.51	61.24	0.73	586572	A20-09728
61.24	62	0.76	586573	A20-09728
62	63	1	586574	A20-09727
63	63.7	0.7	586575	A20-09727
63.7	64.6	0.9	586576	A20-09727
64.6	65.24	0.64	586577	A20-09727
65.24	66.24	1	586578	A20-09727
66.24	67.3	1.06	586579	A20-09727
67.3	68.3	1	586581	A20-09727
68.3	69.34	1.04	586582	A20-09727
69.34	69.76	0.42	586583	A20-09727
69.76	70.65	0.89	586584	A20-09727
70.65	71.32	0.67	586585	A20-09727
71.32	71.84	0.52	586586	A20-09727

71.84	72.46	0.62	586587	A20-09727
72.46	73.28	0.82	586588	A20-09727
73.28	73.98	0.7	586589	A20-09727
73.98	75	1.02	586590	A20-09727
75	76.12	1.12	586591	A20-09727
76.12	77.35	1.23	586592	A20-09727
77.35	78.09	0.74	586593	A20-09727
78.09	79	0.91	586594	A20-09727
79	80	1	586595	A20-09727
80	81	1	586596	A20-09727
81	82	1	586597	A20-09727
82	83	1	586598	A20-09727
83	84	1	586599	A20-09727
84	85	1	586601	A20-09727
85	86	1	586602	A20-09727
86	87	1	586603	A20-09727
87	88	1	586604	A20-09727
88	89	1	586605	A20-09727
89	90.04	1.04	586606	A20-09727
90.04	90.86	0.82	586607	A20-09727
90.86	91.77	0.91	586608	A20-09727
91.77	92.57	0.8	586609	A20-09727
92.57	93.3	0.73	586610	A20-09727
93.3	94.2	0.9	586611	A20-09727
94.2	95.2	1	586612	A20-09727
95.2	96.2	1	586613	A20-09727
96.2	97.2	1	586614	A20-09727
97.2	98.2	1	586615	A20-09727
98.2	99.2	1	586616	A20-09727
99.2	100	0.8	586617	A20-09727
100	101	1	586618	A20-09727
101	102	1	586619	A20-09727
102	103	1	586621	A20-09727
103	104	1	586622	A20-09727
104	105	1	586623	A20-09727

Hole ID:	20HUR008	**Datum/Projection:**	NAD 83 Zone 15
Project:	Huronian	**UTM North:**	5378757
Claim/Patent #	219034	**UTM East:**	664664
Township:	Moss Lake	**Dip:**	-45
		Azimuth:	110.7
Start Date:	08-Aug-20	**Drill Company:**	Chibougamau Diamond Drilling ltd
End Date:	09-Aug-20	**Core Size:**	NQ
EOH Depth:	111 m	**Storage Location:**	Huronian
Drill Comments:			

Main Lithology
Hole ID: 20HUR008
Date Logged: 11-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
6	13	Variolitic lava Mafic flows	2aa	fine grain, drk grey-light grey, Variolitic flow, variols infilled with Cx, Cx moderate, moderate pervasive Chl, weak Sx veins.
13	14.93	Tuff Intermediate (unsubdivided)	3b	fine grain, med-grey, intermediate tuff, weak Cx vein, moderate-strong sx vein/flood, weak Chl.
14.93	27.23	Variolitic lava Mafic flows	2aa	fine grain, drk grey-light grey, Variolitic flow, variols infilled with Cx, Cx moderate-strong, moderate pervasive Chl, weak Sx veins. moderate hematitic alt.
27.23	29.57	Tuff Mafic (unsubdivided)	2c	fine grain, med-drk grey, mafic tuff, weak foliation, large pink Cx vein, CX strong, moderate pervasive Chl, weak sx veins, moderate hematitic alt,
29.57	30.81	Variolitic lava Mafic flows	2aa	fine grain, drk grey-light grey, Variolitic flow, variols infilled with Cx, Cx moderate-strong, moderate pervasive Chl, weak Sx veins.
30.81	36.07	Tuff Mafic (unsubdivided)	2c	fine grain, med-drk grey, mafic tuff, weak foliation, moderate Cx, moderate-strong pervasive Chl, weak sx veins,
36.07	49.29	Variolitic lava Mafic flows	2aa	fine grain, drk grey-light grey, Variolitic flow, moderate Cx variol infil/veins, moderate pervasive chl, weak-moderate Sx veins, Py/Po starts at 44.50- 48.69 2% disseminated.
49.29	57.25	Tuff Mafic (unsubdivided)	2c	fine grain, med-drk grey, mafic tuff, small local zones of variolitic flows, weak foliation, moderate Cx, moderate-strong pervasive Chl, weak sx veins,
57.25	65.47	Variolitic lava Mafic flows	2aa	fine grain, drk grey-light grey, Variolitic flow, moderate Cx variol infil/veins, moderate pervasive chl, weak-moderate Sx veins,
65.47	65.85	Tuff Mafic (unsubdivided)	2c	fine grain, med-drk grey, mafic tuff, weak foliation, moderate Cx, moderate-strong pervasive Chl, weak sx veins,
65.85	66.66	Iron formation (unsubdivided)	6c	fine grain drk grey-black iron formation, weak sx veins, weak cx veins. Py/Po 2%

66.66	71.05	Tuff Mafic (unsubdivided)	2c	fine grain, med-drk grey, mafic tuff, weak foliation, moderate Cx, moderate-strong pervasive Chl, weak sx veins,
71.05	74.93	Sulphide facies iron formation	6cd	fine grain drk grey to black sulphide facies iron formation, brecciatted with inclusions of 2c, Mt 30%, Chl moderate selectively pervasive, moderate Cx sp, Py/Po 10%.disseminated.
74.93	77.84	Tuff Mafic (unsubdivided)	2c	fine grain, med-drk grey, mafic tuff, weak foliation, moderate Cx, moderate-strong pervasive Chl, weak sx veins, bands of 6c Py/Po 3%
77.84	80.36	Iron formation (unsubdivided) 3°	6c	drk grey fine grain, iron formation, brecciatted, banded with 2c from 78.80-80.36 strong Mt, moderate Chl sp, weak Cx veins, 3% disseminated sulphides.
80.36	86.32	Feldspar porphyry	10e	drk-light grey very fine-fine grain feldspar porphyry, weak Cx veins, weak Sx veins.
86.32	90	Tuff Mafic (unsubdivided)	2c	med grey-green, fine grain mafic tuff with inclusions of 6c, weak Mt, moderate Cx veins/fracture infil, moderate selectively pervasive Chl, weak Sx veins. 2% disseminated Py/Po.
90	91.69	Lamprophyre Dyke (unsubdivided)	14c	Lampophyre dyke strong Cx,
91.69	93.1	Tuff Mafic (unsubdivided)	2c	med grey-green, fine grain mafic tuff with inclusions of 6c, weak Mt, moderate Cx veins/fracture infil, moderate selectively pervasive Chl, weak Sx veins. 2% disseminated Py/Po.
93.1	95.72	Massive lava Mafic flows (unsubdivided)	2a	drk grey fine grain, mafic flow, massive, moderate S veins, weak Cx veins, moderate pervasive Chl. 3% sulphides associatted with Sx veins.
95.72	96.18	Missing Core	16	hit a void, lost water pressure, pumped mud for 1hr, then redrill missing core.
96.18	97	Massive lava Mafic flows (unsubdivided)	2a	drk grey fine grain, mafic flow, massive, moderate S veins, weak Cx veins, moderate pervasive Chl.
97	99.72	Tuff Mafic (unsubdivided)	2c	med grey-green, fine grain mafic tuff with inclusions of 6c, weak Mt, moderate Cx veins/fracture infil, moderate selectively pervasive Chl, moderate Sx veins. 2% disseminated sulphides vein associatted.
99.72	100.22	Iron formation (unsubdivided)	6c	drk grey-black very fine grain iron formation, strong Mt, moderate-strong Sx veining, Py/Po 3%

100.22	105.65	Variolitic lava Mafic flows	2aa	fine grain, drk grey-light grey, Variolitic flow, moderate Cx variol infil/veins, moderate pervasive chl, weak-moderate Sx veins,
105.65	106.39	Tuff Mafic (unsubdivided)	2c	med grey-green, fine grain mafic tuff, moderate Cx veins/fracture infil, moderate selectively pervasive Chl, moderate Sx veins. 2% disseminated sulphides vein associatted.
106.39	109.77	Tuff Mafic (unsubdivided); Iron formation (unsubdivided)	2c; 6c	fine grain, med grey-green mafic tuff brecciatted with moderate inclusions of iron formation. weak/moderate foliation, moderate-strong Mt, moderate Chl sp, weak Cx veins. 2% stringers of sulphides.
109.77	111	Tuff Mafic (unsubdivided)	2c	med grey-green, fine grain mafic tuff, moderate Cx veins/fracture infil, moderate selectively pervasive Chl, moderate Sx veins. EOH

Sub Lithology
Hole ID: 20HUR008
Date Logged: 11-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
6	6.21	Feldspar porphyry	10e	hematitic feldspar porphyry.

Veining
Hole ID: 20HUR008
Date Logged: 11-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Descriptive element	Gangue	Vein	Angle	Minerals	Description
14.27	14.72	Quartz-Vein 45% Sulfides 10%	45%				Su10	Qz vein/flooding
27.43	28	Carbonate 60%	60%					Cx vei.
48.35	48.69	Quartz-Vein 75% Sulfides 3%	75%				Su03	Qz vein.
73.78	74.93	Quartz-Vein 45% Sulfides 10%	0.45				Su10	Qz vein disseminated sulphides

93.94	94.17	Quartz-Vein 45% Sulfides 3%	0.45	Su03	Qx vein.
97.55	97.72	Quartz-Vein 45% Sulfides 3%	0.45	Su03	Qz vein.
97.98	98.21	Quartz-Vein 45% Sulfides 3%	0.45	Su03	Qz vein.
100	100.13	Quartz-Vein 70% Sulfides 2%	0.7	Su02	Qz vein.
105.73	105.87	Quartz-Vein 45% Sulfides 1%	0.45	Su01	Qz vein.

Alteration
Hole ID: 20HUR008
Date Logged: 11-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
6	13	Carbonate 5; Chlorite 5; Silicification 1	Car05; Chl05; Sil01	fine grain, drk grey-light grey, Variolitic flow, variols infilled with Cx, Cx moderate, moderate pervasive Chl, weak Sx veins.
13	14.93	Carbonate 1; Chlorite 1; Silicification 8	Car01; Chl01; Sil08	fine grain, med-grey, intermediate tuff, weak Cx vein, moderate-strong sx vein/flood, weak Chl.
14.93	27.23	Carbonate 8; Chlorite 5; Silicification 1; Hematite 5	Car08; Chl05; Sil01; Hem05	fine grain, drk grey-light grey, Variolitic flow, variols infilled with Cx, Cx moderate-strong, moderate pervasive Chl, weak Sx veins. moderate hematitic alt.
27.23	29.57	Hematite 5; Carbonate 10; Chlorite 5; Silicification 1	Hem05; Car10; Chl05; Sil01	fine grain, med-drk grey, mafic tuff, weak foliation, large pink Cx vein, CX strong, moderate pervasive Chl, weak sx veins, moderate hematitic alt,
29.57	30.81	Carbonate 8; Chlorite 5; Silicification 1	Car08; Chl05; Sil01	fine grain, drk grey-light grey, Variolitic flow, variols infilled with Cx, Cx moderate-strong, moderate pervasive Chl, weak Sx veins.
30.81	36.07	Carbonate 5; Chlorite 8; Silicification 1	Car05; Chl08; Sil01	fine grain, med-drk grey, mafic tuff, weak foliation, moderate Cx, moderate-strong pervasive Chl, weak sx veins,

36.07	49.29	Carbonate 5; Chlorite 5; Silicification 3	Car05; Chl05; Sil03	fine grain, drk grey-light grey, Variolitic flow, moderate Cx variol infil/veins, moderate pervasive chl, weak-moderate Sx veins, Py/Po starts at 44.50- 48.69 2% disseminated.
49.29	57.25	Carbonate 5; Chlorite 8; Silicification 1	Car05; Chl08; Sil01	fine grain, med-drk grey, mafic tuff, small local zones of variolitic flows, weak foliation, moderate Cx, moderate-strong pervasive Chl, weak sx veins,
57.25	65.47	Carbonate 5; Chlorite 5; Silicification 3	Car05; Chl05; Sil03	fine grain, drk grey-light grey, Variolitic flow, moderate Cx variol infil/veins, moderate pervasive chl, weak-moderate Sx veins,
65.47	65.85	Carbonate 5; Chlorite 8; Silicification 1	Car05; Chl08; Sil01	fine grain, med-drk grey, mafic tuff, weak foliation, moderate Cx, moderate-strong pervasive Chl, weak sx veins,
65.85	66.66	Silicification 1; Carbonate 1; Magnetite 10	Sil01; Car01; MAG10	fine grain drk grey-black iron formation, weak sx veins, weak cx veins. strong Mt Py/Po 2%
66.66	71.05	Carbonate 5; Chlorite 8; Silicification 1	Car05; Chl08; Sil01	fine grain, med-drk grey, mafic tuff, weak foliation, moderate Cx, moderate-strong pervasive Chl, weak sx veins,
71.05	74.93	Carbonate 5; Chlorite 5; Magnetite 10	Car05; Chl05; MAG10	fine grain drk grey to black sulphide facies iron formation, brecciatted with inclusions of 2c, Mt 30%, Chl moderate selectively pervasive, moderate Cx sp, Py/Po 10%.disseminated.
74.93	77.84	Carbonate 5; Chlorite 8; Silicification 1	Car05; Chl08; Sil01	fine grain, med-drk grey, mafic tuff, weak foliation, moderate Cx, moderate-strong pervasive Chl, weak sx veins, bands of 6c Py/Po 3%
77.84	80.36	Carbonate 1; Chlorite 5; Magnetite 10	Car01; Chl05; MAG10	drk grey fine grain, iron formation, brecciatted, banded with 2c from 78.80-80.36 strong Mt, moderate Chl sp, weak Cx veins, 3% disseminated sulphides.
80.36	86.32	Carbonate 1; Silicification 1	Car01; Sil01	drk-light grey very fine-fine grain feldspar porphyry, weak Cx veins, weak Sx veins.

86.32	90	Silicification 1; Magnetite 1; Carbonate 5; Chlorite 5	Sil01; MAG01; Car05; Chl05	med grey-green, fine grain mafic tuff with inclusions of 6c, weak Mt, moderate Cx veins/fracture infil, moderate selectively pervasive Chl, weak Sx veins. 2% disseminated Py/Po.
90	91.69	Carbonate 10	Car10	Lampophyre dyke strong Cx,
91.69	93.1	Carbonate 5; Chlorite 5; Silicification 1; Magnetite 1	Car05; Chl05; Sil01; MAG01	med grey-green, fine grain mafic tuff with inclusions of 6c, weak Mt, moderate Cx veins/fracture infil, moderate selectively pervasive Chl, weak Sx veins. 2% disseminated Py/Po.
93.1	95.72	Carbonate 1; Chlorite 5; Silicification 5	Car01; Chl05; Sil05	drk grey fine grain, mafic flow, massive, moderate S veins, weak Cx veins, moderate pervasive Chl. 3% sulphides associatted with Sx veins.
96.18	97	Silicification 5; Carbonate 1; Chlorite 5	Sil05; Car01; Chl05	drk grey fine grain, mafic flow, massive, moderate S veins, weak Cx veins, moderate pervasive Chl.
97	99.72	Carbonate 5; Chlorite 5; Silicification 5; Magnetite 1	Car05; Chl05; Sil05; MAG01	med grey-green, fine grain mafic tuff with inclusions of 6c, weak Mt, moderate Cx veins/fracture infil, moderate selectively pervasive Chl, moderate Sx veins. 2% disseminated sulphides vein associatted.
99.72	100.22	Silicification 8; Magnetite 10	Sil08; MAG10	drk grey-black very fine grain iron formation, strong Mt, moderate-strong Sx veining, Py/Po 3%
100.22	105.65	Carbonate 5; Chlorite 5; Silicification 1	Car05; Chl05; Sil01	fine grain, drk grey-light grey, Variolitic flow, moderate Cx variol infil/veins, moderate pervasive chl, weak-moderate Sx veins,
105.65	106.39	Carbonate 5; Chlorite 5; Silicification 5	Car05; Chl05; Sil05	med grey-green, fine grain mafic tuff, moderate Cx veins/fracture infil, moderate selectively pervasive Chl, moderate Sx veins. 2% disseminated sulphides vein associatted.

106.39	109.77	Carbonate 1; Chlorite 5; Magnetite 8; Magnetite	Car01; Chl05; MAG08; MAG	fine grain, med grey-green mafic tuff brecciatted with moderate inclusions of iron formation. weak/moderate foliation, moderate-strong Mt, moderate Chl sp, weak Cx veins. 2% stringers of sulphides.
109.77	111	Carbonate 5; Chlorite 5; Silicification 5	Car05; Chl05; Sil05	med grey-green, fine grain mafic tuff, moderate Cx veins/fracture infil, moderate selectively pervasive Chl, moderate Sx veins. EOH

Mineralization
Hole ID: 20HUR008
Date Logged: 11-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
14.27	14.72	Sulfides 10%	Su10	10% disseminated sulphides
44.5	48.69	Sulfides 2%; Sulfides	Su02; Su	2% disseminated.
65.85	66.66	Sulfides 2%; Magnetite 15%	Su02; Mt15	Disseminated sulphides, massive Mt
71.05	74.93	Magnetite 15%; Sulfides 10%	Mt15; Su10	10% disseminated sulphides (Py/Po)
74.93	75.08	Sulfides 2%; Magnetite 3%	Su02; Mt03	disseminated sulphides
77.84	80.36	Sulfides 2%	Su02	2% disseminated sulphides
86.32	90	Sulfides 2%	Su02	2% disseminated
91.69	93.1	Sulfides 2%	Su02	2% disseeminated.
93.1	95.72	Sulfides 3%	Su03	3% vein associatted sulphides.
97	99.72	Sulfides 2%	Su02	2% disseminated
99.72	100.22	Sulfides 3%	Su03	3% disseminated.
105.65	106.39	Sulfides 2%	Su02	2% disseminated.
106.39	109.77	Sulfides 2%	Su02	2% disseminated.

Sample Log
Hole ID: 20HUR008
Date Logged: 11-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Length (m)	Sample ID	Cert No.
6	7	1	586624	A20-09732
7	8	1	586625	A20-09732
8	9	1	586626	A20-09732
9	10	1	586627	A20-09732
10	11	1	586628	A20-09732
11	12	1	586629	A20-09732
12	13	1	586630	A20-09732
13	14	1	586631	A20-09732
14	14.93	0.93	586632	A20-09732
14.93	16	1.07	586633	A20-09732
16	17	1	586634	A20-09732
17	18	1	586635	A20-09732
18	19	1	586636	A20-09732
19	20	1	586637	A20-09732
20	21	1	586638	A20-09732
21	22	1	586639	A20-09732
22	23	1	586641	A20-09732
23	24	1	586642	A20-09732
24	25	1	586643	A20-09732
25	26	1	586644	A20-09732
26	26.8	0.8	586645	A20-09732
26.8	27.23	0.43	586646	A20-09732
27.23	28	0.77	586647	A20-09732
28	28.8	0.8	586648	A20-09732
28.8	29.57	0.77	586649	A20-09732
29.57	30.16	0.59	586650	A20-09732
30.16	30.81	0.65	586651	A20-09732
30.81	32	1.19	586652	A20-09732
32	33	1	586653	A20-09732
33	34	1	586654	A20-09732
34	35	1	586655	A20-09732
35	36.07	1.07	586656	A20-09732
36.07	37	0.93	586657	A20-09732
37	38	1	586658	A20-09732
38	39	1	586659	A20-09732
39	40	1	586661	A20-09732

40	41	1	586662	A20-09732
41	42	1	586663	A20-09732
42	43	1	586664	A20-09732
43	44.2	1.2	586665	A20-09732
44.2	45	0.8	586666	A20-09732
45	46	1	586667	A20-09732
46	47	1	586668	A20-09732
47	47.7	0.7	586669	A20-09732
47.7	48.35	0.65	586670	A20-09732
48.35	48.75	0.4	586671	A20-09732
48.75	49.29	0.54	586672	A20-09732
49.29	50	0.71	586673	A20-09732
50	51	1	586674	A20-09732
51	52	1	586675	A20-09732
52	53	1	586676	A20-09732
53	54	1	586677	A20-09732
54	55	1	586678	A20-09732
55	56	1	586679	A20-09732
56	57.25	1.25	586681	A20-09732
57.25	58	0.75	586682	A20-09732
58	59	1	586683	A20-09732
59	60	1	586684	A20-09732
60	61	1	586685	A20-09732
61	62	1	586686	A20-09732
62	63	1	586687	A20-09730
63	64.25	1.25	586688	A20-09730
64.25	65.47	1.22	586689	A20-09730
65.47	65.85	0.38	586690	A20-09730
65.85	66.66	0.81	586691	A20-09730
66.66	67.82	1.16	586692	A20-09730
67.82	68.92	1.1	586693	A20-09730
68.92	70	1.08	586694	A20-09730
70	71	1	586695	A20-09730
71	72.05	1.05	586696	A20-09730
72.05	72.7	0.65	586697	A20-09730
72.7	73.78	1.08	586698	A20-09730
73.78	74.93	1.15	586699	A20-09730
74.93	75.9	0.97	586701	A20-09730
75.9	76.9	1	586702	A20-09730
76.9	77.84	0.94	586703	A20-09730
77.84	78.84	1	586704	A20-09730

78.84	79.54	0.7	586705	A20-09730
79.54	80.36	0.82	586706	A20-09730
80.36	81.3	0.94	586707	A20-09730
81.3	82.3	1	586708	A20-09730
82.3	83.3	1	586709	A20-09732
83.3	84.3	1	586710	A20-09732
84.3	85.3	1	586711	A20-09732
85.3	86.32	1.02	586712	A20-09732
86.32	87.02	0.7	586713	A20-09732
87.02	88	0.98	586714	A20-09732
88	89	1	586715	A20-09732
89	90	1	586716	A20-09732
90	90.87	0.87	586717	A20-09732
90.87	91.69	0.82	586718	A20-09732
91.69	92.4	0.71	586719	A20-09732
92.4	93.1	0.7	586721	A20-09732
93.1	93.81	0.71	586722	A20-09732
93.81	94.53	0.72	586723	A20-09732
94.53	95.72	1.19	586724	A20-09732
96.18	97	0.82	586725	A20-09732
97	97.5	0.5	586726	A20-09732
97.5	98.23	0.73	586727	A20-09732
98.23	99	0.77	586728	A20-09732
99	99.72	0.72	586729	A20-09732
99.72	100.22	0.5	586730	A20-09732
100.22	101.3	1.08	586731	A20-09732
101.3	102.4	1.1	586732	A20-09732
102.4	103.5	1.1	586733	A20-09732
103.5	104.5	1	586734	A20-09732
104.5	105.65	1.15	586735	A20-09732
105.65	106.34	0.69	586736	A20-09732
106.34	107.09	0.75	586737	A20-09732
107.09	108	0.91	586738	A20-09732
108	108.82	0.82	586739	A20-09732
108.82	109.77	0.95	586741	A20-09732
109.77	111	1.23	586742	A20-09732

Hole ID:	20HUR009	**Datum/Projection:**	NAD 83 Zone 15
Project:	Huronian	**UTM North:**	5378757
Claim/Patent #	PAT-15492	**UTM East:**	664664
Township:	Moss Lake	**Dip:**	-60
		Azimuth:	111.5
Start Date:	09-Aug-20	**Drill Company:**	Chibougamau Diamond Drilling ltd
End Date:	10-Aug-20	**Core Size:**	NQ
EOH Depth:	120 m	**Storage Location:**	Huronian
Drill Comments:			

Main Lithology
Hole ID: 20HUR009
Date Logged: 11-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
4.14	6	Tuff Mafic (unsubdivided)	2c	med-drk grey fine grain mafic tuff, Sx moderate selectively pervasive, Cx weak veins, weak Chl pervasive.
6	10.37	Variolitic lava Mafic flows	2aa	med-drk grey fine grain variolitic flow, moderate Cx variol infil/veins, weak-moderate Chl, weak Sx
10.37	16.65	Tuff Mafic (unsubdivided)	2c	med-drk grey fine grain mafic tuff, Sx moderate selectively pervasive, Cx weak veins, weak Chl pervasive. Sx moderate to strong 10.37 to 10.80 bleached out light grey.
16.65	30.52	Massive lava Mafic flows (unsubdivided)	2a	med-drk grey, very fine grain mafic flow, weak Cx veins, moderate Sx 79.50-30.45.
30.52	31.61	Tuff Mafic (unsubdivided)	2c	med-drk grey fine grain mafic tuff, Sx moderate selectively pervasive, Cx weak veins, moderate Chl pervasive.
31.61	35.09	Variolitic lava Mafic flows	2aa	med-drk grey fine grain variolitic flow, moderate Cx variol infil/veins, weak-moderate Chl, weak Sx
35.09	39.35	Tuff Mafic (unsubdivided)	2c	med-drk grey fine grain mafic tuff, Sx moderate selectively pervasive, Cx weak veins, moderate-strong Chl pervasive.
39.35	47.05	Variolitic lava Mafic flows	2aa	med-drk grey fine grain variolitic flow, moderate Cx variol infil/veins, weak-moderate Chl, weak Sx
47.05	62	Tuff Mafic (unsubdivided)	2c	med-drk grey fine grain mafic tuff, Sx moderate selectively pervasive, Cx weak veins, moderate-strong Chl pervasive.
62	62.64	Lamprophyre Dyke (unsubdivided)	14c	Lamp dyke strong Cx weak Mt
62.64	63.09	Variolitic lava Mafic flows	2aa	med-drk grey fine grain variolitic flow, moderate Cx variol infil/veins, weak-moderate Chl, weak Sx
63.09	64.5	Tuff Mafic (unsubdivided)	2c	med-drk grey fine grain mafic tuff, Sx moderate selectively pervasive, Cx weak veins, moderate-strong Chl pervasive. weak hematitic alt.

64.5	65.13	Late Dykes (unsubdivided) complete unit	14	late mafic dyke fine grain drk grey.weak Cx veins.
65.13	69.02	Variolitic lava Mafic flows	2aa	med-drk grey fine grain variolitic flow, moderate Cx variol infil/veins, weak-moderate Chl, weak Sx
69.02	70.2	Feldspar porphyry	10e	light-drk grey, very fine-fine grain, sharp upper and lower contacts, no foliation, weak Cx,
70.2	70.8	Oxide facies iron formation	6ca	drk grey fine grain oxide facies iron formation weak-moderate Sx, strong Mt
70.8	71.82	Feldspar porphyry	10e	light-drk grey, very fine-fine grain, sharp upper and lower contacts, no foliation, weak Cx,
71.82	72.42	Tuff Mafic (unsubdivided)	2c	med-drk grey fine grain mafic tuff, Sx moderate selectively pervasive, Cx weak veins, moderate-strong Chl pervasive. weak hematitic alt.
72.42	77.56	Tuff Mafic (unsubdivided)	2c	med-drk grey fine grain mafic tuff, moderate strong Sx , Cx weak veins, moderate Chl pervasive. weak hematitic alt.
77.56	79.7	Iron formation (unsubdivided)	6c	drk grey-black, fine grain iron formation, strong Mt, moderate-strong Sx veins, moderate selectively pervasive hematitic alt. Py/Po5%
79.7	80.47	Iron formation (unsubdivided); Massive lava Mafic flows (unsubdivided)	6c; 2a	med grey-drk grey, fine grain mafic flow with inclusions of iron formation, moderate Mt, weak pervasive Chl, weak Cx.
80.47	83.53	Massive lava Mafic flows (unsubdivided)	2a	med-drk grey-green, fine grain, weakly brecciatted lava flow, moderate Cx veins, moderate pervasive Chl, weak Sx veins, Py/Po 2% 80.47 to 81.20m
83.53	110.59	Tuff Mafic (unsubdivided)	2c	med-drk grey fine grain mafic tuff, moderate brecciation, weak/moderate, Cx moderate veins/fracture infil, moderate Chl pervasive.
110.59	113.36	Variolitic lava Mafic flows	2aa	med-drk grey fine grain variolitic flow, moderate Cx variol infil/veins, weak-moderate Chl, weak Sx
113.36	115.38	Iron formation (unsubdivided)	6c	drk grey-black, fine grain iron formation, strong Mt, moderate-strong Sx veins, Py/Po5%
115.38	115.8	Iron formation (unsubdivided); Tuff Mafic (unsubdivided)	6c; 2c	med grey-drk grey, fine grain mafic Tuff with inclusions of iron formation, moderate Mt, weak pervasive Chl, weak Cx.

115.8	120	Tuff Mafic (unsubdivided)	2c	med-drk grey fine grain mafic tuff, moderate brecciation, increasing at 118m weak/moderate, Cx moderate veins/fracture infil, moderate Chl pervasive. Py 1%

Veining
Hole ID:
20HUR009
Date Logged: 11-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Descriptive element	Gangue	Vein	Angle	Minerals	Description
10.02	10.57	Quartz-Calcite 65% Sulfides 0.5%	65%				Su00.5	Qz/Cx vein
15.76	16.47	Quartz-Vein 65% Sulfides 5%	65%				Su05	Qtz vein/flooding, 5% sulphides.
60.55	61.24	Quartz-Vein 35% 10° Sulfides 0.5%	35%			10°	Su00.5	Qz vein running 10degrees tca.
72.77	72.83	Quartz-Vein 65% 85°	65%			85°		Qz vein
82.33	82.77	Quartz-Calcite 50% Pyrite 1%	50%				Py01	Qz/Cx vein.
92.55	92.68	Quartz-Vein 70%	70%					Qz vein
98.18	98.28	Quartz-Calcite 70% Pyrite 1%	70%				Py01	Qz/Cx vein.
100.71	100.96	Quartz-Calcite 70% Pyrite 2%	70%				Py02	Qz/Cx vein
105.57	106.01	Quartz-Calcite 70% Pyrite 1%	70%				Py01	Qz/Cx vein
106.49	106.62	Quartz-Calcite 70% Pyrite 2%	70%				Py02	Qz/Cx vein
107.36	107.5	Quartz-Calcite 70% Pyrite 5%	70%				Py05	Qz/Cx vein
113.73	114.38	Quartz-Vein 70% Pyrite 5% Pyrrhotite 5%	70%				Py05 Po05	Sx vein in iron formation

115.05	115.38	Quartz-Vein 70% Pyrrhotite 2% Pyrite 2%	70%		Po02 Py02	Sx veins in iron formation.

Alteration
Hole ID: 20HUR009
Date Logged: 11-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
4.14	6	Silicification 5; Carbonate 1; Chlorite 1	Sil05; Car01; Chl01	med-drk grey fine grain mafic tuff, Sx moderate selectively pervasive, Cx weak veins, weak Chl pervasive.
6	10.37	Carbonate 5; Chlorite 3; Silicification 1	Car05; Chl03; Sil01	med-drk grey fine grain variolitic flow, moderate Cx variol infil/veins, weak-moderate Chl, weak Sx
10.37	16.65	Silicification 5-7; Chlorite 1; Carbonate 1	Sil5-7; Chl01; Car01	med-drk grey fine grain mafic tuff, Sx moderate selectively pervasive, Cx weak veins, weak Chl pervasive. Sx moderate to strong 10.37 to 10.80 bleached out light grey.
16.65	30.52	Carbonate 1; Silicification 5	Car01; Sil05	med-drk grey, very fine grain mafic flow, weak Cx veins, moderate Sx 79.50-30.45.
30.52	31.61	Carbonate 1; Chlorite 5; Silicification 5	Car01; Chl05; Sil05	med-drk grey fine grain mafic tuff, Sx moderate selectively pervasive, Cx weak veins, moderate Chl pervasive.
31.61	35.09	Carbonate 5; Chlorite 3; Silicification 1	Car05; Chl03; Sil01	med-drk grey fine grain variolitic flow, moderate Cx variol infil/veins, weak-moderate Chl, weak Sx
35.09	39.35	Carbonate 1; Chlorite 7; Silicification 5	Car01; Chl07; Sil05	med-drk grey fine grain mafic tuff, Sx moderate selectively pervasive, Cx weak veins, moderate-strong Chl pervasive.
39.35	47.05	Carbonate 5; Chlorite 3; Silicification 1	Car05; Chl03; Sil01	med-drk grey fine grain variolitic flow, moderate Cx variol infil/veins, weak-moderate Chl, weak Sx

47.05	62	Silicification 5; Carbonate 1; Chlorite 7	Sil05; Car01; Chl07	med-drk grey fine grain mafic tuff, Sx moderate selectively pervasive, Cx weak veins, moderate-strong Chl pervasive.
62	62.64	Magnetite 10	MAG10	Lamp dyke strong Cx weak Mt
62.64	63.09	Carbonate 5; Chlorite 3; Silicification 1	Car05; Chl03; Sil01	med-drk grey fine grain variolitic flow, moderate Cx variol infil/veins, weak-moderate Chl, weak Sx
63.09	64.5	Silicification 5; Carbonate 1; Chlorite 7; Hematite 1	Sil05; Car01; Chl07; Hem01	med-drk grey fine grain mafic tuff, Sx moderate selectively pervasive, Cx weak veins, moderate-strong Chl pervasive. weak hematitic alt.
64.5	65.13	Carbonate 1	Car01	late mafic dyke fine grain drk grey.weak Cx veins.
65.13	69.02	Carbonate 5; Chlorite 3; Silicification 1	Car05; Chl03; Sil01	med-drk grey fine grain variolitic flow, moderate Cx variol infil/veins, weak-moderate Chl, weak Sx
69.02	70.2	Carbonate 1	Car01	light-drk grey, very fine-fine grain, sharp upper and lower contacts, no foliation, weak Cx,
70.2	70.8	Silicification 3; Magnetite 10	Sil03; MAG10	drk grey fine grain oxide facies iron formation weak-moderate Sx, strong Mt
70.8	71.82	Carbonate 1	Car01	light-drk grey, very fine-fine grain, sharp upper and lower contacts, no foliation, weak Cx,
71.82	72.42	Carbonate 1; Chlorite 7; Silicification 5; Hematite 1	Car01; Chl07; Sil05; Hem01	med-drk grey fine grain mafic tuff, Sx moderate selectively pervasive, Cx weak veins, moderate-strong Chl pervasive. weak hematitic alt.
72.42	75.12	Hematite 1; Carbonate 1; Chlorite 5; Silicification 7	Hem01; Car01; Chl05; Sil07	med-drk grey fine grain mafic tuff, moderate strong Sx , Cx weak veins, moderate Chl pervasive. weak hematitic alt.
75.12	77.56	Carbonate 1; Chlorite 3; Silicification 1; Magnetite 3	Car01; Chl03; Sil01; MAG03	weak Cx veins, weak-moderate Chl pervasive, weak Sx veins, weak-moderate Mt.
77.56	79.97	Magnetite 10; Silicification 8; Hematite 5	MAG10; Sil08; Hem05	drk grey-black, fine grain iron formation, strong Mt, moderate-strong Sx veins, moderate selectively pervasive hematitic alt. Py/Po5%

79.97	80.47	Carbonate 1; Chlorite 1; Magnetite 5	Car01; Chl01; MAG05	med grey-drk grey, fine grain mafic flow with inclusions of iron formation, moderate Mt, weak pervasive Chl, weak Cx.
80.47	83.53	Carbonate 5; Chlorite 5; Silicification 1	Car05; Chl05; Sil01	med-drk grey-green, fine grain, weakly brecciatted lava flow, moderate Cx veins, moderate pervasive Chl, weak Sx veins, Py/Po 2% 80.47 to 81.20m
83.53	110.59	Carbonate 3; Chlorite 5	Car03; Chl05	med-drk grey fine grain mafic tuff, moderate brecciation, weak/moderate Cx, moderate veins/fracture infil, moderate Chl pervasive.
110.59	113.36	Carbonate 5; Chlorite 3; Silicification 1	Car05; Chl03; Sil01	med-drk grey fine grain variolitic flow, moderate Cx variol infil/veins, weak-moderate Chl, weak Sx
113.36	115.38	Magnetite 10; Silicification 8	MAG10; Sil08	drk grey-black, fine grain iron formation, strong Mt, moderate-strong Sx veins, . Py/Po5%
115.38	115.8	Magnetite 5; Chlorite 1; Carbonate 1	MAG05; Chl01; Car01	med grey-drk grey, fine grain mafic Tuff with inclusions of iron formation, moderate Mt, weak pervasive Chl, weak Cx.
115.8	120	Carbonate 5; Chlorite 5	Car05; Chl05	med-drk grey fine grain mafic tuff, moderate brecciation, increasing at 118m weak/moderate, Cx moderate veins/fracture infil, moderate Chl pervasive. Py 1%

Mineralization
Hole ID: 20HUR009
Date Logged: 11-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
4.14	6	Silicification 5; Carbonate 1; Chlorite 1	Sil05; Car01; Chl01	med-drk grey fine grain mafic tuff, Sx moderate selectively pervasive, Cx weak veins, weak Chl pervasive.
6	10.37	Carbonate 5; Chlorite 3; Silicification 1	Car05; Chl03; Sil01	med-drk grey fine grain variolitic flow, moderate Cx variol infil/veins, weak-moderate Chl, weak Sx

10.37	16.65	Silicification 5-7; Chlorite 1; Carbonate 1	Sil5-7; Chl01; Car01	med-drk grey fine grain mafic tuff, Sx moderate selectively pervasive, Cx weak veins, weak Chl pervasive. Sx moderate to strong 10.37 to 10.80 bleached out light grey.
16.65	30.52	Carbonate 1; Silicification 5	Car01; Sil05	med-drk grey, very fine grain mafic flow, weak Cx veins, moderate Sx 79.50-30.45.
30.52	31.61	Carbonate 1; Chlorite 5; Silicification 5	Car01; Chl05; Sil05	med-drk grey fine grain mafic tuff, Sx moderate selectively pervasive, Cx weak veins, moderate Chl pervasive.
31.61	35.09	Carbonate 5; Chlorite 3; Silicification 1	Car05; Chl03; Sil01	med-drk grey fine grain variolitic flow, moderate Cx variol infil/veins, weak-moderate Chl, weak Sx
35.09	39.35	Carbonate 1; Chlorite 7; Silicification 5	Car01; Chl07; Sil05	med-drk grey fine grain mafic tuff, Sx moderate selectively pervasive, Cx weak veins, moderate-strong Chl pervasive.
39.35	47.05	Carbonate 5; Chlorite 3; Silicification 1	Car05; Chl03; Sil01	med-drk grey fine grain variolitic flow, moderate Cx variol infil/veins, weak-moderate Chl, weak Sx
47.05	62	Silicification 5; Carbonate 1; Chlorite 7	Sil05; Car01; Chl07	med-drk grey fine grain mafic tuff, Sx moderate selectively pervasive, Cx weak veins, moderate-strong Chl pervasive.
62	62.64	Magnetite 10	MAG10	Lamp dyke strong Cx weak Mt
62.64	63.09	Carbonate 5; Chlorite 3; Silicification 1	Car05; Chl03; Sil01	med-drk grey fine grain variolitic flow, moderate Cx variol infil/veins, weak-moderate Chl, weak Sx
63.09	64.5	Silicification 5; Carbonate 1; Chlorite 7; Hematite 1	Sil05; Car01; Chl07; Hem01	med-drk grey fine grain mafic tuff, Sx moderate selectively pervasive, Cx weak veins, moderate-strong Chl pervasive. weak hematitic alt.
64.5	65.13	Carbonate 1	Car01	late mafic dyke fine grain drk grey.weak Cx veins.
65.13	69.02	Carbonate 5; Chlorite 3; Silicification 1	Car05; Chl03; Sil01	med-drk grey fine grain variolitic flow, moderate Cx variol infil/veins, weak-moderate Chl, weak Sx
69.02	70.2	Carbonate 1	Car01	light-drk grey, very fine-fine grain, sharp upper and lower contacts, no foliation, weak Cx,
70.2	70.8	Silicification 3; Magnetite 10	Sil03; MAG10	drk grey fine grain oxide facies iron formation weak-moderate Sx, strong Mt

70.8	71.82	Carbonate 1	Car01	light-drk grey, very fine-fine grain, sharp upper and lower contacts, no foliation, weak Cx,
71.82	72.42	Carbonate 1; Chlorite 7; Silicification 5; Hematite 1	Car01; Chl07; Sil05; Hem01	med-drk grey fine grain mafic tuff, Sx moderate selectively pervasive, Cx weak veins, moderate-strong Chl pervasive. weak hematitic alt.
72.42	75.12	Hematite 1; Carbonate 1; Chlorite 5; Silicification 7	Hem01; Car01; Chl05; Sil07	med-drk grey fine grain mafic tuff, moderate strong Sx , Cx weak veins, moderate Chl pervasive. weak hematitic alt.
75.12	77.56	Carbonate 1; Chlorite 3; Silicification 1; Magnetite 3	Car01; Chl03; Sil01; MAG03	weak Cx veins, weak-moderate Chl pervasive, weak Sx veins, weak-moderate Mt.
77.56	79.97	Magnetite 10; Silicification 8; Hematite 5	MAG10; Sil08; Hem05	drk grey-black, fine grain iron formation, strong Mt, moderate-strong Sx veins, moderate selectively pervasive hematitic alt. Py/Po5%
79.97	80.47	Carbonate 1; Chlorite 1; Magnetite 5	Car01; Chl01; MAG05	med grey-drk grey, fine grain mafic flow with inclusions of iron formation, moderate Mt, weak pervasive Chl, weak Cx.
80.47	83.53	Carbonate 5; Chlorite 5; Silicification 1	Car05; Chl05; Sil01	med-drk grey-green, fine grain, weakly brecciatted lava flow, moderate Cx veins, moderate pervasive Chl, weak Sx veins, Py/Po 2% 80.47 to 81.20m
83.53	110.59	Carbonate 3; Chlorite 5	Car03; Chl05	med-drk grey fine grain mafic tuff, moderate brecciation, weak/moderate Cx, moderate veins/fracture infil, moderate Chl pervasive.
110.59	113.36	Carbonate 5; Chlorite 3; Silicification 1	Car05; Chl03; Sil01	med-drk grey fine grain variolitic flow, moderate Cx variol infil/veins, weak-moderate Chl, weak Sx
113.36	115.38	Magnetite 10; Silicification 8	MAG10; Sil08	drk grey-black, fine grain iron formation, strong Mt, moderate-strong Sx veins, . Py/Po5%
115.38	115.8	Magnetite 5; Chlorite 1; Carbonate 1	MAG05; Chl01; Car01	med grey-drk grey, fine grain mafic Tuff with inclusions of iron formation, moderate Mt, weak pervasive Chl, weak Cx.

115.8	120	Carbonate 5; Chlorite 5	Car05; Chl05	med-drk grey fine grain mafic tuff, moderate brecciation, increasing at 118m weak/moderate, Cx moderate veins/fracture infil, moderate Chl pervasive. Py 1%

Sample Log
Hole ID: 20HUR009
Date Logged: 11-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Length (m)	Sample ID	Cert No.
4.14	5	0.86	586743	A20-09832
5	6	1	586744	A20-09832
6	7	1	586745	A20-09832
7	8	1	586746	A20-09832
8	9	1	586747	A20-09833
9	9.67	0.67	586748	A20-09833
9.67	10.37	0.7	586749	A20-09833
10.37	11	0.63	586750	A20-09833
11	12	1	586751	A20-09833
12	13	1	586752	A20-09832
13	14	1	586753	A20-09832
14	15	1	586754	A20-09832
15	15.76	0.76	586755	A20-09832
15.76	16.65	0.89	586756	A20-09832
16.65	17.75	1.1	586757	A20-09832
17.75	18.85	1.1	586758	A20-09832
18.85	20	1.15	586759	A20-09832
20	21	1	586761	A20-09832
21	22	1	586762	A20-09832
22	23	1	586763	A20-09832
23	24	1	586764	A20-09832
24	25	1	586765	A20-09832
25	26	1	586766	A20-09832
26	27	1	586767	A20-09832
27	27.81	0.81	586768	A20-09832
27.81	28.8	0.99	586769	A20-09832
28.8	29.8	1	586770	A20-09832
29.8	30.52	0.72	586771	A20-09832
30.52	31.61	1.09	586772	A20-09832
31.61	32.8	1.19	586773	A20-09832
32.8	33.9	1.1	586774	A20-09832
33.9	35.09	1.19	586775	A20-09832
35.09	36	0.91	586776	A20-09832
36	37	1	586777	A20-09832
37	38.12	1.12	586778	A20-09832
38.12	39.35	1.23	586779	A20-09832

39.35	40.05	0.7	586781	A20-09832
40.05	41	0.95	586782	A20-09832
41	42	1	586783	A20-09832
42	43	1	586784	A20-09832
43	44	1	586785	A20-09832
44	45	1	586786	A20-09832
45	46	1	586787	A20-09832
46	47.05	1.05	586788	A20-09832
47.05	48	0.95	586789	A20-09832
48	49	1	586790	A20-09832
49	50	1	586791	A20-09832
50	51	1	586792	A20-09832
51	52	1	586793	A20-09832
52	53	1	586794	A20-09832
53	54	1	586795	A20-09832
54	55	1	586796	A20-09832
55	56	1	586797	A20-09832
56	57	1	586798	A20-09832
57	58	1	586799	A20-09832
58	59	1	586801	A20-09832
59	59.85	0.85	586802	A20-09832
59.85	60.55	0.7	586803	A20-09832
60.55	61.27	0.72	586804	A20-09832
61.27	62	0.73	586805	A20-09832
62	62.64	0.64	586806	A20-09832
62.64	63.09	0.45	586807	A20-09832
63.09	63.82	0.73	586808	A20-09832
63.82	64.5	0.68	586809	A20-09832
64.5	65.13	0.63	586810	A20-09832
65.13	66	0.87	586811	A20-09832
66	67	1	586812	A20-09832
67	68	1	586813	A20-09833
68	69.02	1.02	586814	A20-09833
69.02	70.2	1.18	586815	A20-09833
70.2	70.8	0.6	586816	A20-09833
70.8	71.82	1.02	586817	A20-09833
71.82	72.42	0.6	586818	A20-09833
72.42	73.17	0.75	586819	A20-09833
73.17	74	0.83	586821	A20-09833
74	75.12	1.12	586822	A20-09833
75.12	75.89	0.77	586823	A20-09833

75.89	76.72	0.83	586824	A20-09833
76.72	77.56	0.84	586825	A20-09833
77.56	78.27	0.71	586826	A20-09833
78.27	78.97	0.7	586827	A20-09833
78.97	79.7	0.73	586828	A20-09833
79.7	80.47	0.77	586829	A20-09833
80.47	81.47	1	586830	A20-09833
81.47	82.25	0.78	586831	A20-09833
82.25	82.94	0.69	586832	A20-09833
82.94	83.53	0.59	586833	A20-09833
83.53	84.63	1.1	586834	A20-09833
84.63	85.73	1.1	586835	A20-09833
85.73	86.83	1.1	586836	A20-09833
86.83	88	1.17	586837	A20-09833
88	89	1	586838	A20-09832
89	90	1	586839	A20-09832
90	91.25	1.25	586841	A20-09832
91.25	92.48	1.23	586842	A20-09832
92.48	93.11	0.63	586843	A20-09832
93.11	94	0.89	586844	A20-09832
94	95	1	586845	A20-09832
95	96	1	586846	A20-09832
96	97	1	586847	A20-09832
97	97.8	0.8	586848	A20-09832
97.8	98.5	0.7	586849	A20-09832
98.5	99.17	0.67	586850	A20-09832
99.17	99.87	0.7	586851	A20-09832
99.87	100.52	0.65	586852	A20-09832
100.52	101.21	0.69	586853	A20-09832
101.21	102	0.79	586854	A20-09832
102	103	1	586855	A20-09832
103	104	1	586856	A20-09832
104	105.2	1.2	586857	A20-09832
105.2	106.04	0.84	586858	A20-09832
106.04	106.74	0.7	586859	A20-09832
106.74	107.57	0.83	586861	A20-09832
107.57	108.37	0.8	586862	A20-09832
108.37	109.4	1.03	586863	A20-09832
109.4	110.59	1.19	586864	A20-09832
110.59	111.5	0.91	586865	A20-09832
111.5	112.4	0.9	586866	A20-09832

112.4	113.36	0.96	586867	A20-09832
113.36	114.38	1.02	586868	A20-09832
114.38	115.38	1	586869	A20-09832
115.38	115.8	0.42	586870	A20-09832
115.8	117	1.2	586871	A20-09832
117	118	1	586872	A20-09832
118	119	1	586873	A20-09832
119	120	1	586874	A20-09832

Hole ID:	20HUR010	**Datum/Projection:**	NAD 83 Zone 15
Project:	Huronian	**UTM North:**	5378752
Claim/Patent #	PAT-15492 & 219034	**UTM East:**	664647
Township:	Moss Lake	**Dip:**	-45
		Azimuth:	106.6
Start Date:	10-Aug-20	**Drill Company:**	Chibougamau Diamond Drilling ltd
End Date:	10-Aug-20	**Core Size:**	NQ
EOH Depth:	102 m	**Storage Location:**	Huronian
Drill Comments:			

Main Lithology
Hole ID: 20HUR010
Date Logged: 13-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
5.28	7.72	Tuff Mafic (unsubdivided)	2c	med-drk grey/ red (from hematite alt.) fine grain with mafic inclusions up to 2cm, mafic tuff, weak Sx veins, moderate pervasive Hem.
7.72	12.71	Variolitic lava Mafic flows	2aa	drk grey very fine-fine grain Variolitic flow, weak Variols, moderate Cx veins, weak Sx veins,
12.71	14	Massive lava Mafic flows (unsubdivided)	2a	drk grey very fine grain massive mafic flow, weak Cx, weak selectively pervasive Chl.
14	28.12	Variolitic lava Mafic flows	2aa	drk grey very fine-fine grain Variolitic flow, weak Variols, moderate Cx veins/infil, weak Chl, 2-3% disseminated sulphides at 26.15-26.30
28.12	31.65	Tuff Mafic (unsubdivided)	2c	medium-dark grey, very fine grain mafic tuff, weak Mt, weak Hem. moderate peravsive Cx.
31.65	38.19	Tuff Mafic (unsubdivided)	2c	med-drk grey/green, fine grain, mafic tuff, weak foliation, moderate pervasive Cx, moderate Chl, weak Sx veins.
38.19	46.67	Variolitic lava Mafic flows	2aa	dark grey-light grey very fine to fine grain, Variolitic flow, Variols up to 2cm infilled with Cx, weak-moderate Cx, weak Sx veins, weak-moderate Chl.
46.67	48.9	Tuff Mafic (unsubdivided)	2c	med-drk grey/green, fine grain, mafic tuff, weak foliation, moderate pervasive Cx, moderate Chl, weak Sx veins.
48.9	49.88	Variolitic lava Mafic flows	2aa	dark grey-light grey very fine to fine grain, Variolitic flow, Variols up to 2cm infilled with Cx, weak-moderate Cx, weak Sx veins, weak-moderate Chl.
49.88	51.09	Variolitic lava Mafic flows	2aa	dark grey-light grey very fine to fine grain, Variolitic flow, moderate/strong Sx, moderate Cx, weak Chl. 3-5% disseminated sulphides
51.09	51.81	Oxide facies iron formation	6ca	med-drk grey fine grain oxide facies iron formation, weak/moderae Chl, moderate Sx, weak Cx strong Mt. 2-3% sulphides

51.81	61.04	Variolitic lava Mafic flows; Tuff Mafic (unsubdivided)	2aa; 2c	med grey fine grain Variolitic Mafic flow, and mafic tuff, large brecciatted zone, strong Cx vein and Sx veins. weak moderate selectively pervasive Chl, 1% disseminated sulphides.
61.04	68.78	Tuff Mafic (unsubdivided)	2c	drk-med grey/green, fine grain Tuff with one 50cm zone of 6ca at 61.16 to 61.70. increasing brecciation from 67m to 68.78m moderate strong Cx fracture infil, weak-moderate Sx, 3% sulphides from 61.16-61.70m
68.78	69.67	Tuff Mafic (unsubdivided); Iron formation (unsubdivided)	2c; 6c	fine grain, green-drk grey, brecciatted mafic tuff, with inclusions of iron formation, moderate strong Mt, moderate strongCx, weak Sx.
69.67	72.37	Iron formation (unsubdivided)	6c	dark grey-black iron formation, moderate Sx veins, weak Cx veins, strong Mt, 3% sulphides.
72.37	74	Tuff Mafic (unsubdivided); Iron formation (unsubdivided)	2c; 6c	fine grain, green-drk grey, brecciatted mafic tuff, with inclusions of iron formation, moderate strong Mt, moderate strongCx, weak Sx.
74	75.08	Iron formation (unsubdivided)	6c	dark grey-black iron formation, moderate Sx veins, weak Cx veins, strong Mt, 3% sulphides.
75.08	76.08	Tuff Mafic (unsubdivided); Iron formation (unsubdivided)	2c; 6c	fine grain, green-drk grey, brecciatted mafic tuff, with inclusions of iron formation, moderateMt, moderate strongCx, weak Sx.
76.08	76.85	Feldspar porphyry	10e	drk grey-light fine grain Feldspar porphyry, weak Cx, weak Sx veins
76.85	77.46	Tuff Mafic (unsubdivided); Iron formation (unsubdivided)	2c; 6c	fine grain, green-drk grey, brecciatted mafic tuff, with inclusions of iron formation, moderateMt, moderate strongCx, weak Sx.
77.46	80.47	Iron formation (unsubdivided)	6c	dark grey-black iron formation, moderate Sx veins, weak Cx veins, strong Mt, 3% sulphides. locally up to 5%
80.47	82.03	Tuff Mafic (unsubdivided); Iron formation (unsubdivided)	2c; 6c	fine grain, green-drk grey, brecciatted mafic tuff, with inclusions of iron formation, moderateMt, moderate strongCx, weak Sx.
82.03	84.13	Tuff Mafic (unsubdivided)	2c	drk-med grey/green, fine grain Tuff brecciatted with moderate strong Cx fracture infil, weak-moderate Sx, moderate Chl sp.
84.13	84.72	Lamprophyre Dyke (unsubdivided)	14c	Lamp dyke fine-medium grained, Strong Cx
84.72	91.37	Tuff Mafic (unsubdivided)	2c	drk-med grey/green, fine grain Tuff brecciatted with moderate strong Cx fracture infil, weak-moderate Sx, moderate Chl sp.
91.37	94.03	Feldspar porphyry	10e	drk grey-light fine grain Feldspar porphyry, weak Cx, weak Sx veins

94.03	98.54	Tuff Mafic (unsubdivided)	2c	drk-med grey/green, fine grain Tuff brecciatted with moderate strong Cx fracture infil, weak-moderate Sx, moderate Chl sp.
98.54	99.28	Iron formation (unsubdivided)	6c	dark grey-black iron formation, moderate Sx veins, weak Cx veins, strong Mt, 5% disseminated sulphides,
99.28	102	Tuff Mafic (unsubdivided)	2c	drk-med grey/green, fine grain Tuff moderate Cx veins, weak-moderate Sx, moderate Chl pervasive. weak Mt EOH

Sub Lithology
Hole ID: 20HUR010
Date Logged: 13-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
84.96	85.12	Iron formation (unsubdivided)	6c	fine grain dark grey iron formation.
101.31	101.5	Iron formation (unsubdivided)	6c	fine grain dark grey iron formation.

Veining
Hole ID: 20HUR010
Date Logged: 13-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Descriptive element	Gangue	Vein	Angle	Minerals	Description
10.01	10.71	Quartz-Calcite 70%	70%					Q/Cx vein flooding
18.37	18.46	Quartz-Sulphide 1% Sulfides 1%	1%				Su01	1% sulphide stringers
19.42	19.95	Quartz-Calcite 50% Sulfides 3%	50%				Su03	Qz/Cx vein-flooding 3% disseminated sulphides
26.15	26.24	Quartz-Vein 30% Sulfides 2%	30%				Su02	2% in Sx flooding
36.89	37.06	Carbonate 40% Sulfides 0.5%	40%				Su00.5	Cx vein
40.23	40.3	Quartz-Calcite 65% Sulfides 1%	65%				Su01	1% disseminated in Cx/Qz vein.

42.24	42.47	Quartz-Calcite 40% Sulfides 0.5%	40%	Su00.5	Qz/Cx vein
61.16	61.7	Quartz-Vein 40% Sulfides 3%	40%	Su03	3% sulphides in Sx flooding.
61.7	62.88	Quartz-Calcite 50% Sulfides 3%	50%	Su03	Qz/Cx vein 3% sulphides.
84.72	84.96	Quartz-Calcite 55% Sulfides 1%	55%	Su01	Qz/Cx vein hematite alt.

Alteration
Hole ID: 20HUR010
Date Logged: 13-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
5.28	7.72	Silicification 1; Hematite 5	Sil01; Hem05	med-drk grey/ red (from hematite alt.) fine grain with mafic inclusions up to 2cm, mafic tuff, weak Sx veins, moderate pervasive Hem.
7.72	12.71	Carbonate 5; Silicification 1	Car05; Sil01	drk grey very fine-fine grain Variolitic flow, weak Variols, moderate Cx veins, weak Sx veins,
12.71	14	Carbonate 1; Chlorite 1	Car01; Chl01	drk grey very fine grain massive mafic flow, weak Cx, weak selectively pervasive Chl.
14	28.12	Chlorite 1; Carbonate 5	Chl01; Car05	drk grey very fine-fine grain Variolitic flow, weak Variols, moderate Cx veins/infil, weak Chl, 2-3% disseminated sulphides at 26.15-26.30
28.12	31.65	Carbonate 5; Magnetite 1; Hematite 1	Car05; MAG01; Hem01	medium-dark grey, very fine grain mafic tuff, weak Mt, weak Hem. moderate peravsive Cx.
31.65	38.19	Carbonate 5; Chlorite 5; Silicification 1	Car05; Chl05; Sil01	med-drk grey/green, fine grain, mafic tuff, weak foliation, moderate pervasive Cx, moderate Chl, weak Sx veins.
38.19	46.67	Carbonate 3; Chlorite 3; Silicification 1	Car03; Chl03; Sil01	dark grey-light grey very fine to fine grain, Variolitic flow, Variols up to 2cm infilled with Cx, weak-moderate Cx, weak Sx veins, weak-moderate Chl.

46.67	48.9	Carbonate 5; Chlorite 5; Silicification 1	Car05; Chl05; Sil01	med-drk grey/green, fine grain, mafic tuff, weak foliation, moderate pervasive Cx, moderate Chl, weak Sx veins.
48.9	49.88	Carbonate 3; Chlorite 3; Silicification 1	Car03; Chl03; Sil01	dark grey-light grey very fine to fine grain, Variolitic flow, Variols up to 2cm infilled with Cx, weak-moderate Cx, weak Sx veins, weak-moderate Chl.
49.88	51.09	Silicification 8; Carbonate 5; Chlorite 1	Sil08; Car05; Chl01	dark grey-light grey very fine to fine grain, Variolitic flow, moderate/strong Sx, moderate Cx, weak Chl. 3-5% disseminated sulphides
51.09	51.81	Chlorite 3; Silicification 5; Magnetite 10; Carbonate 1	Chl03; Sil05; MAG10; Car01	med-drk grey fine grain oxide facies iron formation, weak/moderae Chl, moderate Sx, weak Cx strong Mt. 2-3% sulphides
51.81	61.04	Carbonate 10; Silicification 10; Chlorite 3	Car10; Sil10; Chl03	med grey fine grain Variolitic Mafic flow, and mafic tuff, large brecciatted zone, strong Cx vein and Sx veins. weak moderate selectively pervasive Chl, 1% disseminated sulphides.
61.04	68.78	Carbonate 10; Silicification 3	Car10; Sil03	drk-med grey/green, fine grain Tuff with one 50cm zone of 6ca at 61.16 to 61.70. increasing brecciation from 67m to 68.78m moderate strong Cx fracture infil, weak-moderate Sx, 3% sulphides from 61.16-61.70m
68.78	69.67	Carbonate 8; Magnetite 8; Silicification 1	Car08; MAG08; Sil01	fine grain, green-drk grey, brecciatted mafic tuff, with inclusions of iron formation, moderate strong Mt, moderate strongCx, weak Sx.
69.67	72.37	Silicification 5; Magnetite 10	Sil05; MAG10	dark grey-black iron formation, moderate Sx veins, weak Cx veins, strong Mt, 3% sulphides.
72.37	74	Carbonate 8; Magnetite 8; Silicification 1	Car08; MAG08; Sil01	fine grain, green-drk grey, brecciatted mafic tuff, with inclusions of iron formation, moderate strong Mt, moderate strongCx, weak Sx.
74	75.08	Magnetite 10; Silicification 5; Carbonate 1	MAG10; Sil05; Car01	dark grey-black iron formation, moderate Sx veins, weak Cx veins, strong Mt, 3% sulphides.

75.08	76.08	Carbonate 8; Magnetite 5; Silicification 1	Car08; MAG05; Sil01	fine grain, green-drk grey, brecciatted mafic tuff, with inclusions of iron formation, moderateMt, moderate strongCx, weak Sx.
76.08	76.85	Silicification 1; Carbonate 1	Sil01; Car01	drk grey-light fine grain Feldspar porphyry, weak Cx, weak Sx veins
76.85	77.46	Carbonate 8; Silicification 1; Magnetite 5	Car08; Sil01; MAG05	fine grain, green-drk grey, brecciatted mafic tuff, with inclusions of iron formation, moderateMt, moderate strongCx, weak Sx.
77.46	80.47	Magnetite 10; Silicification 5; Carbonate 1	MAG10; Sil05; Car01	dark grey-black iron formation, moderate Sx veins, weak Cx veins, strong Mt, 3% sulphides. locally up to 5%
80.47	82.03	Carbonate 8; Magnetite 5; Silicification 1	Car08; MAG05; Sil01	fine grain, green-drk grey, brecciatted mafic tuff, with inclusions of iron formation, moderateMt, moderate strongCx, weak Sx.
82.03	84.13	Carbonate 8; Chlorite 5; Silicification 3	Car08; Chl05; Sil03	drk-med grey/green, fine grain Tuff brecciatted with moderate strong Cx fracture infil, weak-moderate Sx, moderate Chl sp.
84.13	84.72	Carbonate 10	Car10	Lamp dyke fine-medium grained, Strong Cx
84.72	91.37	Carbonate 8; Chlorite 5; Silicification 3	Car08; Chl05; Sil03	drk-med grey/green, fine grain Tuff brecciatted with moderate strong Cx fracture infil, weak-moderate Sx, moderate Chl sp.
91.37	94.03	Silicification 1; Carbonate 1	Sil01; Car01	drk grey-light fine grain Feldspar porphyry, weak Cx, weak Sx veins
94.03	98.54	Carbonate 8; Chlorite 5; Silicification 3	Car08; Chl05; Sil03	drk-med grey/green, fine grain Tuff brecciatted with moderate strong Cx fracture infil, weak-moderate Sx, moderate Chl sp.
98.54	99.28	Silicification 5; Magnetite 10; Carbonate 1	Sil05; MAG10; Car01	dark grey-black iron formation, moderate Sx veins, weak Cx veins, strong Mt, 5% disseminated sulphides,
99.28	102	Carbonate 5; Chlorite 5; Silicification 3; Magnetite 1	Car05; Chl05; Sil03; MAG01	drk-med grey/green, fine grain Tuff moderate Cx veins, weak-moderate Sx, moderate Chl pervasive. weak Mt EOH

Mineralization
Hole ID: 20HUR010
Date Logged: 13-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
26.15	26.3	Sulfides 2-3	Su2-3	2-3% disseminated
49.88	51.09	Sulfides 3-5	Su3-5	3-5% disseminated.
51.09	51.81	Sulfides 2%	Su02	2% disseminated
51.81	61.04	Sulfides 1%	Su01	1% disseminated.
61.6	61.7	Sulfides 3%	Su03	3% disseminated.
69.67	72.37	Sulfides 3%	Su03	3% disseminated.
74	75.08	Sulfides 3%	Su03	3% disseminated.
75.08	76.08	Sulfides 1%	Su01	1% disseminated.
76.85	77.46	Sulfides 1%	Su01	1% disseminated.
77.46	80.47	Sulfides 2-3	Su2-3	2-3% disseminated.
80.47	82.03	Sulfides 1-2	Su1-2	1-2% disseminated.
82.03	84.13	Sulfides 1%	Su01	1% disseminated.
84.77	85.12	Sulfides 1%	Su01	1% disseminated.
98.54	99.28	Sulfides 5%	Su05	5% disseminted
99.28	101.5	Sulfides 1-3%	Su1-3%	1-3% disseminted higher percentage corelates to iron formation iclusions.

Sample Log
Hole ID: 20HUR010
Date Logged: 13-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Length (m)	Sample ID	Cert No.
5.28	6.28	1	586875	A20-09834
6.28	7.24	0.96	586876	A20-09834
7.24	7.72	0.48	586877	A20-09834
7.72	8.82	1.1	586878	A20-09834
8.82	9.96	1.14	586879	A20-09834
9.96	10.72	0.76	586881	A20-09834
10.72	11.82	1.1	586882	A20-09834
11.82	12.71	0.89	586883	A20-09834
12.71	14	1.29	586884	A20-09834
14	15	1	586885	A20-09834
15	16	1	586886	A20-09834
16	17	1	586887	A20-09834
17	18.15	1.15	586888	A20-09834
18.15	19	0.85	586889	A20-09834
19	19.95	0.95	586890	A20-09834
19.95	21	1.05	586891	A20-09834
21	22	1	586892	A20-09834
22	23	1	586893	A20-09834
23	24	1	586894	A20-09834
24	25	1	586895	A20-09834
25	26	1	586896	A20-09836
26	26.7	0.7	586897	A20-09836
26.7	27.4	0.7	586898	A20-09836
27.4	28.12	0.72	586899	A20-09836
28.12	29	0.88	586901	A20-09836
29	30	1	586902	A20-09836
30	31	1	586903	A20-09834
31	31.65	0.65	586904	A20-09834
31.65	32.75	1.1	586905	A20-09834
32.75	33.85	1.1	586906	A20-09834
33.85	35	1.15	586907	A20-09836
35	35.96	0.96	586908	A20-09836
35.96	36.89	0.93	586909	A20-09836
36.89	37.58	0.69	586910	A20-09836
37.58	38.19	0.61	586911	A20-09836
38.19	39.1	0.91	586912	A20-09836

39.1	40.17	1.07	586913	A20-09836
40.17	40.89	0.72	586914	A20-09836
40.89	42	1.11	586915	A20-09836
42	42.7	0.7	586916	A20-09836
42.7	43.7	1	586917	A20-09836
43.7	44.7	1	586918	A20-09836
44.7	45.7	1	586919	A20-09836
45.7	46.67	0.97	586921	A20-09836
46.67	47.46	0.79	586922	A20-09836
47.46	48.15	0.69	586923	A20-09836
48.15	48.9	0.75	586924	A20-09836
48.9	49.88	0.98	586925	A20-09836
49.88	50.57	0.69	586926	A20-09836
50.57	51.09	0.52	586927	A20-09836
51.09	51.81	0.72	586928	A20-09836
51.81	52.53	0.72	586929	A20-09836
52.53	53.24	0.71	586930	A20-09836
53.24	53.95	0.71	586931	A20-09836
53.95	54.65	0.7	586932	A20-09836
54.65	55.35	0.7	586933	A20-09836
55.35	56.06	0.71	586934	A20-09836
56.06	56.75	0.69	586935	A20-09836
56.75	57.44	0.69	586936	A20-09836
57.44	58.46	1.02	586937	A20-09836
58.46	59.47	1.01	586938	A20-09836
59.47	60.22	0.75	586939	A20-09836
60.22	61.04	0.82	586941	A20-09836
61.04	61.75	0.71	586942	A20-09836
61.75	62.88	1.13	586943	A20-09836
62.88	63.6	0.72	586944	A20-09836
63.6	64.7	1.1	586945	A20-09836
64.7	65.7	1	586946	A20-09834
65.7	66.7	1	586947	A20-09834
66.7	67.7	1	586948	A20-09834
67.7	68.78	1.08	586949	A20-09834
68.78	69.67	0.89	586950	A20-09834
69.67	70.36	0.69	586951	A20-09834
70.36	71.12	0.76	586952	A20-09834
71.12	71.77	0.65	586953	A20-09834
71.77	72.37	0.6	586954	A20-09834
72.37	73	0.63	586955	A20-09834

73	74	1	586956	A20-09834
74	75.08	1.08	586957	A20-09834
75.08	76.08	1	586958	A20-09836
76.08	76.85	0.77	586959	A20-09836
76.85	77.46	0.61	586961	A20-09836
77.46	78.47	1.01	586962	A20-09836
78.47	79.47	1	586963	A20-09836
79.47	80.47	1	586964	A20-09836
80.47	81.18	0.71	586965	A20-09836
81.18	82.03	0.85	586966	A20-09836
82.03	83	0.97	586967	A20-09836
83	84.13	1.13	586968	A20-09836
84.13	84.72	0.59	586969	A20-09834
84.72	85.42	0.7	586970	A20-09834
85.42	86.13	0.71	586971	A20-09834
86.13	87.2	1.07	586972	A20-09834
87.2	88.3	1.1	586973	A20-09834
88.3	89.3	1	586974	A20-09834
89.3	90.3	1	586975	A20-09834
90.3	91.57	1.27	586976	A20-09834
91.57	92	0.43	586977	A20-09834
92	93	1	586978	A20-09834
93	94.03	1.03	586979	A20-09834
94.03	95.1	1.07	586981	A20-09834
95.1	96.2	1.1	586982	A20-09834
96.2	97.35	1.15	586983	A20-09834
97.35	98.54	1.19	586984	A20-09834
98.54	99.28	0.74	586985	A20-09834
99.28	100.28	1	586986	A20-09834
100.28	101.2	0.92	586987	A20-09834
101.2	102	0.8	586988	A20-09834

Hole ID:	20HUR011	**Datum/Projection:**	NAD 83 Zone 15
Project:	Huronian	**UTM North:**	5378752
Claim/Patent #	PAT-15492	**UTM East:**	664647
Township:	Moss Lake	**Dip:**	-75
		Azimuth:	110.1
Start Date:	11-Aug-20	**Drill Company:**	Chibougamau Diamond Drilling ltd
End Date:	11-Aug-20	**Core Size:**	NQ
EOH Depth:	120 m	**Storage Location:**	Huronian
Drill Comments:			

Main Lithology
Hole ID: 20HUR011
Date Logged: 14-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
5.67	9.8	Massive lava Mafic flows (unsubdivided)	2a	Dark grey, fine grain massive mafic flow, Qz/Cx veins moderate, weak selectively pervasive Chl,
9.8	12.9	Variolitic lava Mafic flows	2aa	dark-light grey fine grain Variolitic mafic flow, weak foliation, moderate Cx variol infil/veins, weak Sx, weak-moderate selectively pervasive Chl.
12.9	14.13	Massive lava Mafic flows (unsubdivided)	2a	dark grey fine grain massive flow, weak cx veins, weak Sx veins.
14.13	23.41	Variolitic lava Mafic flows	2aa	dark-light grey fine grain Variolitic mafic flow, weak foliation, moderate Cx variol infil/veins, weak Sx, moderate selectively pervasive Chl.
23.41	26	Variolitic lava Mafic flows	2aa	dark-light grey fine grain Variolitic mafic flow, weak foliation, moderate Cx variol infil/veins, moderate sx veins/flooding, weak-moderate selectively pervasive Chl.
26	30	Variolitic lava Mafic flows	2aa	dark-light grey fine grain Variolitic mafic flow, weak foliation, moderate Cx variol infil/veins, strong Sx, weak-moderate selectively pervasive Chl.
30	33.69	Variolitic lava Mafic flows	2aa	dark-light grey fine grain Variolitic mafic flow, weak foliation, moderate Cx variol infil/veins, weak Sx, weak-moderate selectively pervasive Chl.
33.69	38.12	Massive lava Mafic flows (unsubdivided)	2a	dark grey fine grain massive flow, weak cx veins, weak Sx veins. Py/Po 2-3% 37.60-38
38.12	39.63	Variolitic lava Mafic flows; Tuff Mafic (unsubdivided)	2aa; 2c	drrk-med grey, fine grain mafic tuff with Variolitic mafic flow. Variollitic flwo with inclusions of 2c. weak-moderate cx veins, weak-moderate Sx veins. moderate selcively pervasive Chl.
39.63	45.2	Tuff Mafic (unsubdivided)	2c	dark-med grey fine grain Mafic tuff, weak-moderate Cx veins, weak Sx veins, moderate to strong pervasive Chl.
45.2	46.59	Variolitic lava Mafic flows	2aa	dark-light grey fine grain Variolitic mafic flow, weak foliation, moderate Cx variol infil/veins, weak Sx, weak-moderate selectively pervasive Chl.
46.59	47.58	Lamprophyre Dyke (unsubdivided)	14c	Lamp dyke fine-med grain strong pervasive Cx.

47.58	51.35	Variolitic lava Mafic flows	2aa	dark-light grey fine grain Variolitic mafic flow, weak foliation, moderate Cx variol infil/veins, weak Sx, weak-moderate selectively pervasive Chl.
51.35	52	Feldspar porphyry	10e	Dark-light grey very fine-fine grain Feldspar Porphyry, weak Cx veins, weak sp Chl.
52	53.83	Variolitic lava Mafic flows	2aa	dark-light grey fine grain Variolitic mafic flow, weak foliation, moderate Cx variol infil/veins, weak Sx, weak-moderate selectively pervasive Chl.
53.83	56.59	Tuff Mafic (unsubdivided)	2c	dark-med grey fine grain Mafic tuff, weak-moderate Cx veins, weak Sx veins, moderate to strong pervasive Chl.
56.59	59.62	Variolitic lava Mafic flows	2aa	dark-light grey fine grain Variolitic mafic flow, weak foliation, moderate Cx variol infil/veins, weak Sx, weak-moderate selectively pervasive Chl.
59.62	61.36	Massive lava Mafic flows (unsubdivided)	2a	dark grey fine grain massive flow, weak cx veins, weak Sx veins.
61.36	72.51	Variolitic lava Mafic flows	2aa	dark-light grey fine grain Variolitic mafic flow, weak foliation, moderate-strong Cx variol infil/veins, weak Sx, weak-moderate selectively pervasive Chl.
72.51	81.98	Tuff Mafic (unsubdivided)	2c	dark-med grey fine grain Mafic tuff, weak-moderate Cx veins, weak Sx veins, moderate to strong pervasive Chl. weak bands of iron foramtion associated with 1% disseminated Sulphides. Mt 3%
81.98	83.19	Tuff Mafic (unsubdivided)	2c	dark-med grey fine grain Mafic tuff, moderate Cx veins, moderate Sx veins, moderate to strong pervasive Chl.
83.19	84.65	Quartz Vein	QTZ	fine grain, light grey to white Quartz/ Carbonate vein, section of the vein goes from 83.61-84.35, Qz flooding on either side of the vein. Py/Po 5-10% Chalco 4% Galena 5%
84.65	120	Tuff Mafic (unsubdivided); Flow Breccia	2c; BRC	dark-med grey fine grain Mafic tuff, moderate-strong Brecciation,moderate-strong Cx veins/fracture infil, moderate Sx veins, moderate to strong pervasive Chl. weak-moderate bands of iron formation., 2% sulphides associatted with the iron formation bands. Mt 3% EOH

Sub Lithology
Hole ID: 20HUR011
Date Logged: 14-Aug-20

Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
98.42	98.61	Late Dykes (unsubdivided) complete unit	14	Dark grey fine grain late dyke sharp contacts

Veining
Hole ID: 20HUR011
Date Logged: 14-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Descriptive element	Gangue	Vein	Angle	Minerals	Description
8.48	9.09	Quartz-Calcite 50% Sulfides 1%	50%				Su01	Qz/Cx vein
10.89	11.26	Quartz-Calcite 50% Sulfides 1%	50%				Su01	Qz/Cx vein
29.26	29.78	Quartz-Calcite 50% Sulfides 1%	50%				Su01	Qz/Cx vein flooding
33.27	33.39	Quartz-Calcite 40% Sulfides 1-2	40%				Su1-2	Qz/Cx vein 1-2% sulphides
35.83	35.93	Quartz-Calcite 60% Sulfides 0.5%	60%				Su00.5	Qz/Cx vein.
45.83	46.04	Quartz-Calcite 60% Sulfides 0.5%	60%				Su00.5	Qxz/Cx vein
47.58	47.95	Quartz-Calcite 60% Sulfides 1-2	60%				Su1-2	Qz/Cx vein hematitic alt.
70.45	70.7	Quartz-Vein 60%	60%					Qz vein.
74.42	74.6	Quartz-Calcite 45% Sulfides 3%	45%				Su03	Cx/Qz veins 3% sulphides
83.61	84.35	Quartz-Calcite 70% Pyrite 5% Pyrrhotite 5% Chalcopyrite 4%	70%				Py05 Po05 Cp04	Qz/Cx vein/flooding Py disseminated and strings, Po veins, Chalco stringers and 5% galena
86.71	86.86	Quartz-Calcite 70% Sulfides 1%	0.7				Su01	Cx/ Qz vein 1% fine disseminated sulphides.
118.35	119	Quartz-Calcite 70% Sulfides 1%	0.7				Su01	larg Qz/Cx vein 1% sulphides.

Alteration
Hole ID: 20HUR011
Date Logged: 14-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
5.67	9.8	Carbonate 5; Silicification 5; Chlorite 1	Car05; Sil05; Chl01	Dark grey, fine grain massive mafic flow, Qz/Cx veins moderate, weak selectively pervasive Chl,
9.8	12.9	Carbonate 5; Silicification 1; Chlorite 3	Car05; Sil01; Chl03	dark-light grey fine grain Variolitic mafic flow, weak foliation, moderate Cx variol infil/veins, weak Sx, weak-moderate selectively pervasive Chl.
12.9	14.13	Carbonate 1; Silicification 1	Car01; Sil01	dark grey fine grain massive flow, weak cx veins, weak Sx veins.
14.13	23.41	Carbonate 5; Silicification 1; Chlorite 5	Car05; Sil01; Chl05	dark-light grey fine grain Variolitic mafic flow, weak foliation, moderate Cx variol infil/veins, weak Sx, moderate selectively pervasive Chl.
23.41	26	Carbonate 5; Silicification 5; Chlorite 3	Car05; Sil05; Chl03	dark-light grey fine grain Variolitic mafic flow, weak foliation, moderate Cx variol infil/veins, moderate sx veins/flooding, weak-moderate selectively pervasive Chl.
26	30	Carbonate 5; Silicification 10; Chlorite 3	Car05; Sil10; Chl03	dark-light grey fine grain Variolitic mafic flow, weak foliation, moderate Cx variol infil/veins, strong Sx, weak-moderate selectively pervasive Chl.
30	33.69	Carbonate 5; Silicification 1; Chlorite 3	Car05; Sil01; Chl03	dark-light grey fine grain Variolitic mafic flow, weak foliation, moderate Cx variol infil/veins, weak Sx, weak-moderate selectively pervasive Chl.
33.69	38.12	Carbonate 1; Silicification 1	Car01; Sil01	dark grey fine grain massive flow, weak cx veins, weak Sx veins. Py/Po 2-3% 37.60-38

38.12	39.63	Carbonate 3; Silicification 3; Chlorite 5	Car03; Sil03; Chl05	drrk-med grey, fine grain mafic tuff with Variolitic mafic flow. Variollitic flwo with inclusions of 2c. weak-moderate cx veins, weak-moderate Sx veins. moderate selcively pervasive Chl.
39.63	46.59	Carbonate 3; Silicification 1; Chlorite 10	Car03; Sil01; Chl10	dark-med grey fine grain Mafic tuff, weak-moderate Cx veins, weak Sx veins, moderate to strong pervasive Chl.
46.59	47.58	Carbonate 10	Car10	Lamp dyke fine-med grain strong pervasive Cx.
47.58	51.35	Carbonate 5; Silicification 1; Chlorite 3	Car05; Sil01; Chl03	dark-light grey fine grain Variolitic mafic flow, weak foliation, moderate Cx variol infil/veins, weak Sx, weak-moderate selectively pervasive Chl.
51.35	52	Carbonate 1; Chlorite 1	Car01; Chl01	Dark-light grey very fine-fine grain Feldspar Porphyry, weak Cx veins, weak sp Chl.
52	53.83	Carbonate 5; Silicification 1; Chlorite 3	Car05; Sil01; Chl03	dark-light grey fine grain Variolitic mafic flow, weak foliation, moderate Cx variol infil/veins, weak Sx, weak-moderate selectively pervasive Chl.
53.83	56.59	Carbonate 3; Silicification 1; Chlorite 7	Car03; Sil01; Chl07	dark-med grey fine grain Mafic tuff, weak-moderate Cx veins, weak Sx veins, moderate to strong pervasive Chl.
56.59	59.62	Carbonate 5; Silicification 1; Chlorite 3	Car05; Sil01; Chl03	dark-light grey fine grain Variolitic mafic flow, weak foliation, moderate Cx variol infil/veins, weak Sx, weak-moderate selectively pervasive Chl.
59.62	61.36	Carbonate 1; Silicification 1	Car01; Sil01	dark grey fine grain massive flow, weak cx veins, weak Sx veins.
61.36	72.51	Carbonate 3; Silicification 1; Chlorite 3	Car03; Sil01; Chl03	dark-light grey fine grain Variolitic mafic flow, weak foliation, moderate-strong Cx variol infil/veins, weak Sx, weak-moderate selectively pervasive Chl.

72.51	81.98	Carbonate 3; Silicification 1; Chlorite 8; Magnetite 1	Car03; Sil01; Chl08; MAG01	dark-med grey fine grain Mafic tuff, weak-moderate Cx veins, weak Sx veins, moderate to strong pervasive Chl. weak bands of iron foramtion associated with 1% disseminated Sulphides. Mt 3%
81.98	83.19	Carbonate 5; Silicification 5; Chlorite 8	Car05; Sil05; Chl08	dark-med grey fine grain Mafic tuff, moderate Cx veins, moderate Sx veins, moderate to strong pervasive Chl.
83.19	84.65	Silicification 8; Carbonate 8	Sil08; Car08	fine grain, light grey to white Quartz/ Carbonate vein, section of the vein goes from 83.61-84.35, Qz flooding on either side of the vein. Py/Po 5-10% Chalco 5%.
84.65	120	Carbonate 8; Chlorite 8; Silicification 5; Magnetite 3	Car08; Chl08; Sil05; MAG03	dark-med grey fine grain Mafic tuff, moderate-strong Brecciation,moderate-strong Cx veins/fracture infil, moderate Sx veins, moderate to strong pervasive Chl. weak-moderate bands of iron formation., 2% sulphides associatted with the iron formation bands. Mt 3% EOH

Mineralization
Hole ID: 20HUR011
Date Logged: 14-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
8.49	9.09	Sulfides 1-2	Su1-2	1-2% fine disseminated sulphides.
9.8	11.26	Sulfides .5-1	Su.5-1	1% disseminated
13.48	14	Sulfides 0.5%	Su00.5	.5% disseminated
15	17.4	Sulfides 1%	Su01	1% disseminated
25	26	Sulfides 1%	Su01	1% disseminated
33.27	33.39	Sulfides 1-2	Su1-2	1-2% disseminated vein assoc
37.15	38.12	Sulfides 1-2	Su1-2	1-2% disseminated
47.58	48	Sulfides 2%	Su2%	2% fine disseminated

54	55	Sulfides 1-2	Su1-2	1-2% disseminated
63	64	Sulfides 1%	Su01	1% disseminated
66	68	Sulfides 1-2	Su1-2	1-2% disseminated.
72.51	81.98	Sulfides 1%	Su01	1% disseminated
83.19	84.65	Pyrite 5%; Pyrrhotite 5%; Chalcopyrite 4%; Galene 5%	Py05; Po05; Cp04; Gn05	disseminated and veins.
84.65	120	Pyrite 2%; Pyrrhotite 2%; Magnetite 3%	Py02; Po02; Mt03	2% Py/Po disseminated associatted with iron formation bands.

Hole ID: 20HUR011
Date Logged: 14-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Length (m)	Sample ID	Cert No.
5.67	6.62	0.95	586989	A20-09889
6.62	7.78	1.16	586990	A20-09889
7.78	8.48	0.7	586991	A20-09889
8.48	9.18	0.7	586992	A20-09889
9.18	9.8	0.62	586993	A20-09889
9.8	10.8	1	586994	A20-09889
10.8	11.47	0.67	586995	A20-09889
11.47	12.11	0.64	586996	A20-09889
12.11	12.9	0.79	586997	A20-09889
12.9	13.48	0.58	586998	A20-09889
13.48	14.13	0.65	586999	A20-09889
14.13	15	0.87	587001	A20-09889
15	15.7	0.7	587002	A20-09889
15.7	16.5	0.8	587003	A20-09889
16.5	17.4	0.9	587004	A20-09889
17.4	18.34	0.94	587005	A20-09889
18.34	19.12	0.78	587006	A20-09889
19.12	20	0.88	587007	A20-09889
20	21.1	1.1	587008	A20-09889
21.1	22.2	1.1	587009	A20-09889
22.2	23.41	1.21	587010	A20-09889
23.41	24.3	0.89	587011	A20-09889
24.3	25.15	0.85	587012	A20-09889
25.15	26	0.85	587013	A20-09889
26	27	1	587014	A20-09889
27	28	1	587015	A20-09889
28	29	1	587016	A20-09889
29	30	1	587017	A20-09889
30	31	1	587018	A20-09889
31	32	1	587019	A20-09889
32	33	1	587021	A20-09889
33	33.69	0.69	587022	A20-09889
33.69	34.7	1.01	587023	A20-09889
34.7	35.4	0.7	587024	A20-09889
35.4	36.15	0.75	587025	A20-09889
36.15	37.15	1	587026	A20-09889
37.15	38.12	0.97	587027	A20-09889

38.12	38.77	0.65	587028	A20-09889
38.77	39.63	0.86	587029	A20-09889
39.63	40.5	0.87	587030	A20-09889
40.5	41.4	0.9	587031	A20-09889
41.4	42.3	0.9	587032	A20-09889
42.3	43.3	1	587033	A20-09889
43.3	44.3	1	587034	A20-09889
44.3	45.2	0.9	587035	A20-09889
45.2	46.04	0.84	587036	A20-09889
46.04	46.59	0.55	587037	A20-09889
46.59	47.58	0.99	587038	A20-09889
47.58	48.24	0.66	587039	A20-09889
48.24	49	0.76	587041	A20-09889
49	50.15	1.15	587042	A20-09889
50.15	51.35	1.2	587043	A20-09889
51.35	52	0.65	587044	A20-09889
52	52.7	0.7	587045	A20-09889
52.7	53.83	1.13	587046	A20-09889
53.83	54.74	0.91	587047	A20-09889
54.74	55.67	0.93	587048	A20-09889
55.67	56.59	0.92	587049	A20-09889
56.59	57.61	1.02	587050	A20-09889
57.61	58.6	0.99	587051	A20-09889
58.6	59.62	1.02	587052	A20-09889
59.62	60.46	0.84	587053	A20-09889
60.46	61.36	0.9	587054	A20-09889
61.36	62.04	0.68	587055	A20-09889
62.04	63	0.96	587056	A20-09889
63	64	1	587057	A20-09889
64	64.9	0.9	587058	A20-09889
64.9	65.6	0.7	587059	A20-09889
65.6	66.32	0.72	587061	A20-09889
66.32	67.02	0.7	587062	A20-09889
67.02	68	0.98	587063	A20-09889
68	69.1	1.1	587064	A20-09889
69.1	70	0.9	587065	A20-09886
70	70.8	0.8	587066	A20-09886
70.8	71.55	0.75	587067	A20-09886
71.55	72.51	0.96	587068	A20-09886
72.51	73.21	0.7	587069	A20-09886
73.21	74	0.79	587070	A20-09886

74	74.7	0.7	587071	A20-09886
74.7	75.56	0.86	587072	A20-09886
75.56	76.23	0.67	587073	A20-09886
76.23	76.99	0.76	587074	A20-09886
76.99	78	1.01	587075	A20-09886
78	79	1	587076	A20-09886
79	80	1	587077	A20-09886
80	81	1	587078	A20-09886
81	81.98	0.98	587079	A20-09886
81.98	82.51	0.53	587081	A20-09886
82.51	83.19	0.68	587082	A20-09886
83.19	83.9	0.71	587083	A20-09886
83.9	84.65	0.75	587084	A20-09886
84.65	85.35	0.7	587085	A20-09886
85.35	86	0.65	587086	A20-09886
86	87	1	587087	A20-09886
87	88	1	587088	A20-09886
88	89	1	587089	A20-09886
89	90	1	587090	A20-09889
90	91	1	587091	A20-09889
91	92	1	587092	A20-09889
92	93	1	587093	A20-09889
93	94	1	587094	A20-09889
94	95	1	587095	A20-09889
95	96	1	587096	A20-09889
96	97	1	587097	A20-09889
97	98	1	587098	A20-09889
98	99	1	587099	A20-09889
99	100	1	587101	A20-09889
100	101	1	587102	A20-09889
101	102	1	587103	A20-09889
102	103	1	587104	A20-09889
103	104	1	587105	A20-09889
104	105	1	587106	A20-09889
105	106	1	587107	A20-09889
106	107	1	587108	A20-09889
107	108	1	587109	A20-09889
108	109	1	587110	A20-09889
109	110	1	587111	A20-09889
110	111	1	587112	A20-09889
111	112	1	587113	A20-09889

112	113	1	587114	A20-09889
113	114	1	587115	A20-09889
114	115	1	587116	A20-09889
115	116	1	587117	A20-09889
116	117	1	587118	A20-09889
117	118.1	1.1	587119	A20-09889
118.1	119	0.9	587121	A20-09889
119	120	1	587122	A20-09889

Hole ID:	20HUR012	**Datum/Projection:**	NAD 83 Zone 15
Project:	Huronian	**UTM North:**	5378723
Claim/Patent #	PAT-15492	**UTM East:**	664574
Township:	Moss Lake	**Dip:**	-45
		Azimuth:	120.3
Start Date:	13-Aug-20	**Drill Company:**	Chibougamau Diamond Drilling ltd
End Date:	14-Aug-20	**Core Size:**	NQ
EOH Depth:	105 m	**Storage Location:**	Huronian
Drill Comments:			

Main Lithology
Hole ID: 20HUR012
Date Logged: 15-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
0	3.1	Overburden (Unsubdivided)	15	Casing
3.1	6.08	Variolitic lava Mafic flows	2aa	dark-light grey fine grain Variolitic mafic flow, weak Cx infil/veins, weak Sx veins, weak-moderate Chl pervasive.
6.08	9.6	Tuff Mafic (unsubdivided)	2c	dark-med grey fine grain Mafic tuff, weak-moderate Cx veins, weak Sx vein, moderate pervasive Chl.
9.6	13.37	Variolitic lava Mafic flows	2aa	light to darrk grey fine grain Variolitic Mafic flow, bleaching from flooidng of Cx veins, moderate selectively pervasive Cx, moderate selectively pervasive Chl, weak Sx veins.
13.37	15.24	Tuff Mafic (unsubdivided)	2c	dark to med grey, fine grain Mafic tuff, moderate-strong selectively pervasive Cx, moderate-strong Sx vein, mafic tuff has turned medium grey from Cx/Sx veins.
15.24	23.33	Variolitic lava Mafic flows	2aa	light to darrk grey fine grain Variolitic Mafic flow, weak-moderate Cx veins/variol infil, weak Sx veins, moderate pervaive Chl.
23.33	24.24	Massive lava Mafic flows (unsubdivided)	2a	med-dark grey fine grain massive mafic flow, weak-moderate pervasive Chl, weak Sx veins, weak Cx veins.
24.24	26.71	Variolitic lava Mafic flows	2aa	light to darrk grey fine grain Variolitic Mafic flow, weak-moderate Cx veins/variol infil, weak Sx veins, moderate pervaive Chl.
26.71	31.59	Variolitic lava Mafic flows	2aa	light to darrk grey fine grain Variolitic Mafic flow, bleaching from flooidng of Cx and Sx veins, moderate selectively pervasive Cx, moderrate selectively pervasive Chl, moderate Sx veins.
31.59	36	Massive lava Mafic flows (unsubdivided)	2a	med-dark grey fine grain massive mafic flow, weak-moderate pervasive Chl, weak Sx veins, weak Cx veins.
36	39.01	Tuff Mafic (unsubdivided)	2c	dark to med grey, fine grain Mafic tuff, moderate-strong selectively pervasive Cx, moderate-strong Sx vein, mafic tuff has turned medium grey from Cx/Sx veins.

39.01	39.78	Variolitic lava Mafic flows	2aa	light to darrk grey fine grain Variolitic Mafic flow, weak-moderate Cx veins/variol infil, weak Sx veins, moderate pervaive Chl.
39.78	40.63	Tuff Mafic (unsubdivided)	2c	dark to med grey, fine grain Mafic tuff, moderate-strong selectively pervasive Cx, moderate-strong Sx vein,
40.63	49.07	Variolitic lava Mafic flows	2aa	light to darrk grey fine grain Variolitic Mafic flow, weak-moderate Cx veins/variol infil, weak Sx veins, moderate pervaive Chl.
49.07	49.95	Feldspar porphyry	10e	Dark-light grey very fine-fine grain, Feldspar porphyry, weak Cx veins
49.95	59.5	Tuff Mafic (unsubdivided)	2c	dark to med grey, fine grain Mafic tuff, moderate-strong selectively pervasive Cx, moderate-strong Sx vein,
59.5	67.87	Variolitic lava Mafic flows	2aa	light to darrk grey fine grain Variolitic Mafic flow, weak-moderate Cx veins/variol infil, weak Sx veins, moderate pervaive Chl.
67.87	69.35	Tuff Mafic (unsubdivided)	2c	dark-med grey fine grain mafic tuff, with bands of iron formation, moderate Cx veins, weak-moderate Sx veins, weak Chl pervasive, Py/Po 3% disseminated. Mt 5%
69.35	70.9	Lamprophyre Dyke (unsubdivided)	14c	Dark grey fine-medium grain Lamp Dyke Strong Cx
70.9	72	Tuff Mafic (unsubdivided)	2c	dark-med grey fine grain mafic tuff, with bands of iron formation, moderate Cx veins, weak-moderate Sx veins, weak Chl pervasive, Py/Po 3% disseminated. Mt 5%
72	73.11	Tuff Mafic (unsubdivided)	2c	dark to med grey, fine grain Mafic tuff, moderate-strong selectively pervasive Cx, moderate-strong Sx vein,
73.11	77.52	Massive lava Mafic flows (unsubdivided)	2a	med-drk grey fine grain massive mafic flow, weak Cx, weak-moderate pervasive Chl.
77.52	78.4	Tuff Mafic (unsubdivided)	2c	dark to med grey, fine grain Mafic tuff, brecciated with weak iron formation bands, weak foliation, moderate Cx veins, moderate pervasive Chl, weak Sx veins, Py/Po 78-78.30 up to 20%.
78.4	81.83	Massive lava Mafic flows (unsubdivided)	2a	med-drk grey fine grain massive mafic flow, weak Cx, weak-moderate pervasive Chl.

81.83	83.11	Tuff Mafic (unsubdivided)	2c	dark to med grey, fine grain Mafic tuff, brecciated with weak iron formation bands, weak foliation, moderate Cx veins, moderate pervasive Chl, weak Sx veins
83.11	84.11	Massive lava Mafic flows (unsubdivided)	2a	med-drk grey fine grain massive mafic flow, weak Cx, weak-moderate pervasive Chl.
84.11	88.4	Tuff Mafic (unsubdivided)	2c	dark to med grey, fine grain Mafic tuff, brecciated with weak iron formation bands, weak foliation, moderate Cx veins, moderate pervasive Chl, weak Sx veins
88.4	90.61	Lamprophyre Dyke (unsubdivided)	14c	fine grain Lamo dyke strong Cx pervasive
90.61	105	Tuff Mafic (unsubdivided)	2c	dark to med grey, fine grain Mafic tuff, brecciated with weak iron formation bands, weak foliation, moderate Cx veins, moderate pervasive Chl, weak Sx veins 3-5% Py/Po associatted with iron formation bands. EOH

Veining
Hole ID: 20HUR012
Date Logged: 15-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Descriptive element	Gangue	Vein	Angle	Minerals	Description
14.6	15.05	Quartz-Calcite 60% Sulfides 0.5%	60%				Su00.5	Qz/Cx vein .5% sulphides.
30.51	31.48	Quartz-Calcite 60% Sulfides 5%	60%				Su05	Qz/Cx vein flooding, 5% fine disseminated sulphides (Py/Po)
35.05	35.42	Quartz-Calcite 45% Sulfides 5%	45%				Su05	Qz/Cx vein, 5% fine disseminated sulphides
37	37.07	Quartz-Calcite 60% Sulfides 2%	60%				Su02	Qz/Cx vein 2% fine disseminated sulphides.
37.61	37.83	Quartz-Calcite 30% 10° Sulfides 1%	30%			10°	Su01	Qz/Cx vein running 10 degrees tcs, 1% fine disseminated sulphides.

38.12	38.53	Quartz-Calcite 40% Sulfides 1%	40%	Su01	Qz/Cx vein 1% fine disseminated sulphides.
47	47.23	Carbonate 40% Sulfides 1%	40%	Su01	Cx vein 1% sulphides
52.6	52.88	Quartz-Calcite 40% Sulfides 1%	40%	Su01	1% sulphides Qz/Cx vein.
68.23	68.74	Carbonate 50% Sulfides 1%	50%	Su01	Carbonate vein 1% sulphides.
68.96	69.1	Quartz-Calcite 50% Sulfides 5%	50%	Su05	Qz/Cx vein 5% sulphides

Alteration
Hole ID: 20HUR012
Date Logged: 15-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
3.1	6.8	Carbonate 1; Chlorite 3; Silicification 1	Car01; Chl03; Sil01	dark-light grey fine grain Variolitic mafic flow, weak Cx infil/veins, weak Sx veins, weak-moderate Chl pervasive.
6.8	9.6	Carbonate 3; Chlorite 5; Silicification 1	Car03; Chl05; Sil01	dark-med grey fine grain Mafic tuff, weak-moderate Cx veins, weak Sx vein, moderate pervasive Chl.
9.6	13.37	Carbonate 5; Chlorite 5; Silicification 1	Car05; Chl05; Sil01	light to darrk grey fine grain Variolitic Mafic flow, bleaching from flooidng of Cx veins, moderate selectively pervasive Cx, moderate selectively pervasive Chl, weak Sx veins.
13.37	15.24	Carbonate 8; Silicification 8	Car08; Sil08	dark to med grey, fine grain Mafic tuff, moderate-strong selectively pervasive Cx, moderate-strong Sx vein, mafic tuff has turned medium grey from Cx/Sx veins.
15.24	23.33	Carbonate 3; Chlorite 5; Silicification 1	Car03; Chl05; Sil01	light to darrk grey fine grain Variolitic Mafic flow, weak-moderate Cx veins/variol infil, weak Sx veins, moderate pervaive Chl.

23.33	24.24	Carbonate 1; Chlorite 3; Silicification 1	Car01; Chl03; Sil01	med-dark grey fine grain massive mafic flow, weak-moderate pervasive Chl, weak Sx veins, weak Cx veins.
24.24	26.71	Carbonate 3; Chlorite 5; Silicification 1	Car03; Chl05; Sil01	light to darrk grey fine grain Variolitic Mafic flow, weak-moderate Cx veins/variol infil, weak Sx veins, moderate pervaive Chl.
26.71	31.59	Carbonate 5; Chlorite 5; Silicification 5	Car05; Chl05; Sil05	light to darrk grey fine grain Variolitic Mafic flow, bleaching from flooidng of Cx and Sx veins, moderate selectively pervasive Cx, moderrate selectively pervasive Chl, moderate Sx veins.
31.59	36	Chlorite 3; Carbonate 1; Silicification 1	Chl03; Car01; Sil01	med-dark grey fine grain massive mafic flow, weak-moderate pervasive Chl, weak Sx veins, weak Cx veins.
36	39.01	Carbonate 8; Silicification 8	Car08; Sil08	dark to med grey, fine grain Mafic tuff, moderate-strong selectively pervasive Cx, moderate-strong Sx vein, mafic tuff has turned medium grey from Cx/Sx veins.
39.01	39.78	Chlorite 5; Carbonate 3; Silicification 1	Chl05; Car03; Sil01	light to darrk grey fine grain Variolitic Mafic flow, weak-moderate Cx veins/variol infil, weak Sx veins, moderate pervaive Chl.
39.78	40.63	Carbonate 8; Silicification 8	Car08; Sil08	dark to med grey, fine grain Mafic tuff, moderate-strong selectively pervasive Cx, moderate-strong Sx vein,
40.63	49.07	Carbonate 3; Chlorite 5; Silicification 1	Car03; Chl05; Sil01	light to darrk grey fine grain Variolitic Mafic flow, weak-moderate Cx veins/variol infil, weak Sx veins, moderate pervaive Chl.
49.07	49.95	Carbonate 1	Car01	Dark-light grey very fine-fine grain, Feldspar porphyry, weak Cx veins
49.95	59.5	Carbonate 8; Silicification 8	Car08; Sil08	dark to med grey, fine grain Mafic tuff, moderate-strong selectively pervasive Cx, moderate-strong Sx vein,
59.5	67.87	Chlorite 5; Carbonate 3; Silicification 1	Chl05; Car03; Sil01	light to darrk grey fine grain Variolitic Mafic flow, weak-moderate Cx veins/variol infil, weak Sx veins, moderate pervaive Chl.

67.87	69.35	Carbonate 5; Chlorite 1; Silicification 3	Car05; Chl01; Sil03	dark-med grey fine grain mafic tuff, with bands of iron formation, moderate Cx veins, weak-moderate Sx veins, weak Chl pervasive, Py/Po 3% disseminated. Mt 5%
69.35	70.9	Carbonate 10	Car10	Dark grey fine-medium grain Lamp Dyke Strong Cx
70.9	72	Carbonate 5; Chlorite 1; Silicification 3	Car05; Chl01; Sil03	dark-med grey fine grain mafic tuff, with bands of iron formation, moderate Cx veins, weak-moderate Sx veins, weak Chl pervasive, Py/Po 3% disseminated. Mt 5%
72	73.11	Carbonate 8; Silicification 8	Car08; Sil08	dark to med grey, fine grain Mafic tuff, moderate-strong selectively pervasive Cx, moderate-strong Sx vein,
73.11	77.52	Carbonate 1; Chlorite 3	Car01; Chl03	med-drk grey fine grain massive mafic flow, weak Cx, weak-moderate pervasive Chl.
77.52	78.4	Carbonate 5; Chlorite 5; Silicification 1	Car05; Chl05; Sil01	dark to med grey, fine grain Mafic tuff, brecciated with weak iron formation bands, weak foliation, moderate Cx veins, moderate pervasive Chl, weak Sx veins, Py/Po 78-78.30 up to 20%.
78.4	81.83	Carbonate 1; Chlorite 3	Car01; Chl03	med-drk grey fine grain massive mafic flow, weak Cx, weak-moderate pervasive Chl.
81.83	83.11	Carbonate 5; Chlorite 5; Silicification 1	Car05; Chl05; Sil01	dark to med grey, fine grain Mafic tuff, brecciated with weak iron formation bands, weak foliation, moderate Cx veins, moderate pervasive Chl, weak Sx veins
83.11	84.11	Carbonate 1; Chlorite 3	Car01; Chl03	med-drk grey fine grain massive mafic flow, weak Cx, weak-moderate pervasive Chl.
84.11	88.44	Carbonate 5; Chlorite 5; Silicification 1	Car05; Chl05; Sil01	dark to med grey, fine grain Mafic tuff, brecciated with weak iron formation bands, weak foliation, moderate Cx veins, moderate pervasive Chl, weak Sx veins
88.44	90.61	Carbonate 10	Car10	fine grain Lamo dyke strong Cx pervasive
90.61	105	Carbonate 5; Chlorite 5; Silicification 1	Car05; Chl05; Sil01	dark to med grey, fine grain Mafic tuff, brecciated with weak iron formation bands, weak foliation, moderate Cx veins, moderate pervasive Chl, weak Sx veins 3-5% Py/Po associatted with iron formation bands.

Mineralization
Hole ID: 20HUR012
Date Logged: 15-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
10	11	Sulfides 1%	Su01	1% disseminated sulphides.
12	14	Sulfides 1%	Su01	1% disseminated.
14	15.5	Sulfides 1-2	Su1-2	1-2% disseminated sulphides.
30	31.54	Sulfides 2%	Su02	2% disseminated sulphides
34.9	36.02	Sulfides 3-5	Su3-5	3-5% disseminated and stringers
36.02	40.2	Sulfides 2%	Su02	2% disseminated
52	53	Sulfides 2%	Su02	2% disseminated.
62.23	69.35	Sulfides 3%; Magnetite 5%	Su03; Mt05	3% disseminated sulphides 5% bands of Mt
70.9	71.6	Magnetite 10%; Sulfides 5%	Mt10; Su05	10% bands of Mt 5% disseminated sulphides.
77.52	78.3	Sulfides 2%; Sulfides 10%	Su02; Su10	2% overal 10% locally masive/disseminated.
83.5	84.11	Sulfides 2%	Su02	2% disseminated
84.11	88.4	Sulfides 2-3; Magnetite 5%	Su2-3; Mt05	2-3% disseminated sulphides, Mt5% bands sulphides associattd with bands of iron formation
90.61	105	Magnetite 5%; Sulfides 2%	Mt05; Su02	5% Mt bands 2% disseminated sulphides

Sample Log
Hole ID: 20HUR012
Date Logged: 15-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Length (m)	Sample ID	Cert No.
3.1	4	0.9	587123	A20-09887
4	5	1	587124	A20-09887
5	6.08	1.08	587125	A20-09887
6.08	7.2	1.12	587126	A20-09887
7.2	8.4	1.2	587127	A20-09887
8.4	9.6	1.2	587128	A20-09887
9.6	10.29	0.69	587129	A20-09887
10.29	11	0.71	587130	A20-09887
11	12.1	1.1	587131	A20-09887
12.1	12.77	0.67	587132	A20-09887
12.77	13.37	0.6	587133	A20-09887
13.37	14.44	1.07	587134	A20-09887
14.44	15.24	0.8	587135	A20-09887
15.24	16	0.76	587136	A20-09887
16	17	1	587137	A20-09887
17	18	1	587138	A20-09887
18	19	1	587139	A20-09887
19	20	1	587141	A20-09887
20	21.1	1.1	587142	A20-09887
21.1	22.2	1.1	587143	A20-09887
22.2	23.33	1.13	587144	A20-09887
23.33	24.24	0.91	587145	A20-09887
24.24	25.03	0.79	587146	A20-09885
25.03	25.84	0.81	587147	A20-09885
25.84	26.71	0.87	587148	A20-09885
26.71	27.38	0.67	587149	A20-09885
27.38	28.09	0.71	587150	A20-09885
28.09	29	0.91	587151	A20-09885
29	29.8	0.8	587152	A20-09885
29.8	30.51	0.71	587153	A20-09885
30.51	31.54	1.03	587154	A20-09885
31.54	32.24	0.7	587155	A20-09885
32.24	33	0.76	587156	A20-09885
33	34	1	587157	A20-09885
34	34.8	0.8	587158	A20-09885
34.8	35.6	0.8	587159	A20-09885

35.6	36	0.4	587161	A20-09885
36	37	1	587162	A20-09885
37	38	1	587163	A20-09885
38	38.7	0.7	587164	A20-09885
38.7	39.01	0.31	587165	A20-09885
39.01	39.78	0.77	587166	A20-09885
39.78	40.63	0.85	587167	A20-09885
40.63	41.73	1.1	587168	A20-09885
41.73	42.83	1.1	587169	A20-09885
42.83	43.93	1.1	587170	A20-09885
43.93	45	1.07	587171	A20-09885
45	46	1	587172	A20-09885
46	46.9	0.9	587173	A20-09885
46.9	47.7	0.8	587174	A20-09885
47.7	48.2	0.5	587175	A20-09887
48.2	49.05	0.85	587176	A20-09887
49.05	49.95	0.9	587177	A20-09887
49.95	51	1.05	587178	A20-09887
51	52.1	1.1	587179	A20-09887
52.1	52.88	0.78	587181	A20-09887
52.88	54	1.12	587182	A20-09887
54	55	1	587183	A20-09887
55	56	1	587184	A20-09887
56	57.1	1.1	587185	A20-09887
57.1	58.25	1.15	587186	A20-09887
58.25	59.5	1.25	587187	A20-09887
59.5	60.6	1.1	587188	A20-09887
60.6	61.7	1.1	587189	A20-09887
61.7	62.8	1.1	587190	A20-09887
62.8	63.82	1.02	587191	A20-09887
63.82	64.8	0.98	587192	A20-09887
64.8	65.8	1	587193	A20-09887
65.8	66.8	1	587194	A20-09887
66.8	67.87	1.07	587195	A20-09887
67.87	68.74	0.87	587196	A20-09887
68.74	69.35	0.61	587197	A20-09887
69.35	70.11	0.76	587198	A20-09887
70.11	70.9	0.79	587199	A20-09887
70.9	71.61	0.71	587201	A20-09887
71.61	72.43	0.82	587202	A20-09887
72.43	73.11	0.68	587203	A20-09887

73.11	74	0.89	587204	A20-09887
74	75	1	587205	A20-09887
75	76	1	587206	A20-09887
76	76.55	0.55	587207	A20-09887
76.55	77.52	0.97	587208	A20-09887
77.52	78.4	0.88	587209	A20-09887
78.4	79.1	0.7	587210	A20-09887
79.1	80	0.9	587211	A20-09887
80	81	1	587212	A20-09887
81	81.83	0.83	587213	A20-09887
81.83	83.11	1.28	587214	A20-09887
83.11	84.11	1	587215	A20-09887
84.11	85	0.89	587216	A20-09887
85	86.15	1.15	587217	A20-09887
86.15	87.25	1.1	587218	A20-09887
87.25	88.4	1.15	587219	A20-09887
88.4	89.5	1.1	587221	A20-09887
89.5	90.61	1.11	587222	A20-09887
90.61	91.7	1.09	587223	A20-09887
91.7	92.8	1.1	587224	A20-09887
92.8	93.91	1.11	587225	A20-09887
93.91	95	1.09	587226	A20-09887
95	96	1	587227	A20-09887
96	97	1	587228	A20-09887
97	98	1	587229	A20-09887
98	99	1	587230	A20-09887
99	100	1	587231	A20-09887
100	101	1	587232	A20-09887
101	102	1	587233	A20-09887
102	103	1	587234	A20-09887
103	104	1	587235	A20-09887
104	105	1	587236	A20-09887

Hole ID:	20HUR013	**Datum/Projection:**	NAD 83 Zone 15
Project:	Huronian	**UTM North:**	5379068
Claim/Patent #	125738	**UTM East:**	664734
Township:	Moss Lake	**Dip:**	-45
		Azimuth:	131.7
Start Date:	14-Aug-20	**Drill Company:**	Chibougamau Diamond Drilling ltd
End Date:	15-Aug-20	**Core Size:**	NQ
EOH Depth:	102 m	**Storage Location:**	Huronian
Drill Comments:			

Main Lithology
Hole ID: 20HUR013
Date Logged: 17-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
0	3.25	Overburden (Unsubdivided)	15	Casing
3.25	7.78	Massive lava Mafic flows (unsubdivided)	2a	med-drk grey fine grain massive mafic flow, weak Cx, weeak Sx veins, weak percasive Chl.
7.78	15.79	Tuff Mafic (unsubdivided)	2c	Drk-med grey frin grain Mafic Tuff, weak Cx, Weak Sx veins, weak-moderate pervasive Chl.
15.79	17.28	Feldspar porphyry	10e	drk-light grey fine grain Feldspar Porphyry no foliation sharp upper contact, weak Cx verins,
17.28	18.55	Tuff Mafic (unsubdivided)	2c	Drk-med grey frin grain Mafic Tuff, weak Cx, moderate pervasive Sx, weak-moderate pervasive Chl.
18.55	22.81	Variolitic lava Mafic flows	2aa	dark-light grey fine grain Variolitic mafic flow, Variols up to 2cm across, Cx moderate infil/veins, weak SX, weak pervasive Chl.
22.81	26.24	Tuff Mafic (unsubdivided)	2c	Drk-med grey frin grain Mafic Tuff, weak Cx, weak Sx veins, weak-moderate pervasive Chl.
26.24	27.33	Syenite	10ad	red-dark grey very fine grain to medium grain fragments,Syenite no foliation weak fractures, Strong pervasive Hematitic alt, weak Cx veins, disseminated sulphides 1-2%.
27.33	30.5	Variolitic lava Mafic flows	2aa	dark-light grey fine grain Variolitic mafic flow, Variols up to 3cm across, Cx moderate infil/veins, weak SX, weak pervasive Chl.
30.5	31.4	Syenite	10ad	red-dark grey very fine grain to medium grain fragments, Syenite, no foliation weak fractures, sharp contacts, Strong pervasive Hematitic alt, weak Cx veins, disseminated sulphides 1-2%.
31.4	32.42	Tuff Mafic (unsubdivided)	2c	Drk-med grey frin grain Mafic Tuff, weak Cx, weak Sx veins, weak-moderate pervasive Chl.
32.42	33.6	Variolitic lava Mafic flows	2aa	dark-light grey fine grain Variolitic mafic flow, Variols up to 3cm across, Cx moderate infil/veins, weak SX, weak pervasive Chl.

33.6	46.32	Tuff Mafic (unsubdivided)	2c	Drk-med grey frin grain Mafic Tuff, weak Cx, weak Sx veins, weak-moderate pervasive Chl.
46.32	47.22	Tuff Mafic (unsubdivided)	2c	med-dark grey, fine grain mafic tuff, moderate Cx, weak-moderate Sx veins, moderate selectively pervasive Chl.
47.22	56.35	Tuff Mafic (unsubdivided); Tuff Intermediate (unsubdivided)	2c; 3b	med-light grain fine grain intermediate to mafic tuff, moderate to strong Cx, weak-moderate Sx veins, weak-moderate selectively pervasive Chl.
56.35	66.12	Tuff Intermediate (unsubdivided); Tuff Intermediate (unsubdivided)	3b; 3b	med-light grey fine grain intermediate tuff, fragments up to 5cmm across, moderate Qz eyes, moderate to strong Sx pervasive, weak Cx veins, weak pervasive Hematite.
66.12	67.59	Lithic tuff Intermediate (fragments are up to 2mm in size)	3bca	med grey fine grain with fragments up to 1cm across, Lithic intermediate tuff, variols infiled with Cx and Qz, mafic fragments don't show elongation, moderate Cx, moderate Sx
67.59	68.21	Tuff Intermediate (unsubdivided)	3b	med-light grey fine grain intermediate tuff, fragments up to 5cmm across, moderate Qz eyes, moderate to strong Sx pervasive, weak Cx veins,
68.21	69.94	Lithic tuff Intermediate (fragments are up to 2mm in size)	3bca	med grey fine grain with fragments up to 1cm across, Lithic intermediate tuff, variols infiled with Cx and Qz, mafic fragments don't show elongation, moderate Cx, moderate Sx
69.94	71.95	Tuff Intermediate (unsubdivided)	3b	med-light grey fine grain intermediate tuff, fragments up to 5cmm across, moderate Qz eyes, moderate to strong Sx pervasive, weak Cx veins,
71.95	76.8	Tuff Mafic (unsubdivided)	2c	med-drk grey fine grain Mafic tuff, weak-moderate Cx veins, weak Sx, Moderate pervasive Chl, 2% fine disseminated sulphides,
76.8	77.36	Late Dykes (unsubdivided) complete unit	14	late Dyke fine grain dark grey, reddish from moderate pervasive hematite alt, no foliation, weak Cx veinss, 1% disseminated sulphides associated with Cx veins.
77.36	87.96	Variolitic lava Mafic flows	2aa	dark-light grey fine grain Variolitic mafic flow, Variols up to 2cm across, Cx moderate infil/veins, weak-moderate selectively pervasive SX, weak pervasive Chl. 1% sulphides stringers.

87.96	90.51	Massive lava Mafic flows (unsubdivided)	2a	dark grey fine grain massive Mafic flow, weak-moderate Cx veins, weak Sx veins, .5% disseminated sulphides vein associated.
90.51	90.88	Tuff Mafic (unsubdivided)	2c	med-drk grey fine grain Mafic tuff, weak-moderate Cx veins, weak Sx, Moderate pervasive Chl, 1% fine disseminated sulphides vein associated.
90.88	93.1	Variolitic lava Mafic flows	2aa	dark-light grey fine grain Variolitic mafic flow, Variols up to 2cm across, Cx moderate infil/veins, weak-moderate selectively pervasive SX, weak pervasive Chl. 1% sulphides stringers.
93.1	97.47	Tuff Mafic (unsubdivided)	2c	med-drk grey fine grain Mafic tuff, weak-moderate Cx veins, weak Sx, Moderate pervasive Chl, 1% fine disseminated sulphides vein associated.
97.47	102	Variolitic lava Mafic flows	2aa	dark-light grey fine grain Variolitic mafic flow, Variols up to 2cm across, Cx moderate infil/veins, weak-moderate selectively pervasive SX, weak pervasive Chl. 1% sulphides stringers. EOH

Sub Lithology
Hole ID: 20HUR013
Date Logged: 17-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
41.87	42.06	Lamprophyre Dyke (unsubdivided)	14c	Lamp dyke fine to medium grain strong CX

Veining
Hole ID: 20HUR013
Date Logged: 17-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Descriptive element	Gangue	Vein	Angle	Minerals	Description
11.11	11.39	Quartz-Vein 60% Sulfides 1%	60%				Su01	Qz vein 1% sulphides disseminated.

41.21	41.31	Quartz-Vein 20% 5° Sulfides 0.5%	20%		5°	Su00.5	Qz vein running 5 degrees tca .5% sulphides.
47.3	47.43	Quartz-Vein 30% 35° Sulfides 0.5%	30%		35°	Su00.5	Qz vein running 35 degrees tca .5% sulphides
50.97	52.94	Chlorite-Calcite 65% 10° Sulfides 1%	65%		10°	Su01	Qz/Cx vein running 10 degrees tca 1% disseminated sulphides.
65.04	65.08	Quartz-Vein 90% 80°	90%		80°		Qz vein
82.45	82.73	Carbonate 60% Sulfides 1%	60%			Su01	Cx vein/flooding
96.56	96.62	Quartz-Calcite 60% Sulfides 1%	60%			Su01	Qz/Cx vein 1% sulphides

Alteration
Hole ID: 20HUR013
Date Logged: 17-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
3.25	7.78	Carbonate 1; Silicification 1; Chlorite 1	Car01; Sil01; Chl01	med-drk grey fine grain massive mafic flow, weak Cx, weeak Sx veins, weak percasive Chl.
7.78	15.79	Chlorite 3; Silicification 1; Carbonate 1	Chl03; Sil01; Car01	Drk-med grey frin grain Mafic Tuff, weak Cx, Weak Sx veins, weak-moderate pervasive Chl.
15.79	17.28	Carbonate 1	Car01	drk-light grey fine grain Feldspar Porphyry no foliation sharp upper contact, weak Cx verins,
17.28	18.55	Carbonate 1; Chlorite 3; Silicification 5	Car01; Chl03; Sil05	Drk-med grey frin grain Mafic Tuff, weak Cx, moderate pervasive Sx, weak-moderate pervasive Chl.
18.55	22.81	Carbonate 5; Chlorite 1; Silicification 1	Car05; Chl01; Sil01	dark-light grey fine grain Variolitic mafic flow, Variols up to 2cm across, Cx moderate infil/veins, weak SX, weak pervasive Chl.
22.81	26.24	Silicification 1; Carbonate 1; Chlorite 3	Sil01; Car01; Chl03	Drk-med grey frin grain Mafic Tuff, weak Cx, weak Sx veins, weak-moderate pervasive Chl.

26.24	27.33	Carbonate 1; Hematite 10	Car01; Hem10	red-dark grey very fine grain to medium grain fragments, Lithic Felsic tuff fragments up to 2mm, no foliation weak fractures, Strong pervasive Hematitic alt, weak Cx veins, disseminated sulphides 1-2%.
27.33	30.5	Carbonate 5; Silicification 1; Chlorite 1	Car05; Sil01; Chl01	dark-light grey fine grain Variolitic mafic flow, Variols up to 3cm across, Cx moderate infil/veins, weak SX, weak pervasive Chl.
30.5	31.4	Carbonate 1; Hematite 10	Car01; Hem10	red-dark grey very fine grain to medium grain fragments, Lithic Felsic tuff fragments up to 2mm, no foliation weak fractures, sharp contacts, Strong pervasive Hematitic alt, weak Cx veins, disseminated sulphides 1-2%.
31.4	32.42	Carbonate 1; Chlorite 3; Silicification 1	Car01; Chl03; Sil01	Drk-med grey frin grain Mafic Tuff, weak Cx, weak Sx veins, weak-moderate pervasive Chl.
32.42	33.6	Carbonate 5; Chlorite 1; Silicification 1	Car05; Chl01; Sil01	dark-light grey fine grain Variolitic mafic flow, Variols up to 3cm across, Cx moderate infil/veins, weak SX, weak pervasive Chl.
33.6	46.32	Carbonate 1; Chlorite 3; Silicification 1	Car01; Chl03; Sil01	Drk-med grey frin grain Mafic Tuff, weak Cx, weak Sx veins, weak-moderate pervasive Chl.
46.32	47.22	Carbonate 5; Chlorite 5; Silicification 3	Car05; Chl05; Sil03	med-dark grey, fine grain mafic tuff, moderate Cx, weak-moderate Sx veins, moderate selectively pervasive Chl.
47.22	56.35	Carbonate 8; Chlorite 3; Silicification 3	Car08; Chl03; Sil03	med-light grain fine grain intermediate to mafic tuff, moderate to strong Cx, weak-moderate Sx veins, weak-moderate selectively pervasive Chl.
56.35	66.12	Carbonate 1; Silicification 8; Hematite 1	Car01; Sil08; Hem01	med-light grey fine grain intermediate tuff, fragments up to 5cmm across, moderate Qz eyes, moderate to strong Sx pervasive, weak Cx veins, weak pervasive Hematite.

66.12	67.59	Carbonate 5; Silicification 5	Car05; Sil05	med grey fine grain with fragments up to 1cm across, Lithic intermediate tuff, variols infiled with Cx and Qz, mafic fragments don't show elongation, moderate Cx, moderate Sx
67.59	68.21	Carbonate 1; Silicification 8	Car01; Sil08	med-light grey fine grain intermediate tuff, fragments up to 5cmm across, moderate Qz eyes, moderate to strong Sx pervasive, weak Cx veins,
68.21	69.94	Carbonate 5; Silicification 5	Car05; Sil05	med grey fine grain with fragments up to 1cm across, Lithic intermediate tuff, variols infiled with Cx and Qz, mafic fragments don't show elongation, moderate Cx, moderate Sx
69.94	71.95	Silicification 8; Carbonate 1	Sil08; Car01	med-light grey fine grain intermediate tuff, fragments up to 5cmm across, moderate Qz eyes, moderate to strong Sx pervasive, weak Cx veins,
71.95	76.8	Carbonate 3; Chlorite 5; Silicification 1	Car03; Chl05; Sil01	med-drk grey fine grain Mafic tuff, weak-moderate Cx veins, weak Sx, Moderate pervasive Chl, 2% fine disseminated sulphides,
76.8	77.36	Carbonate 1; Hematite 5	Car01; Hem05	late Dyke fine grain dark grey, reddish from moderate pervasive hematite alt, no foliation, weak Cx veinss, 1% disseminated sulphides associated with Cx veins.
77.36	87.96	Carbonate 5; Silicification 3; Chlorite 1	Car05; Sil03; Chl01	dark-light grey fine grain Variolitic mafic flow, Variols up to 2cm across, Cx moderate infil/veins, weak-moderate selectively pervasive SX, weak pervasive Chl. 1% sulphides stringers.
87.96	90.51	Carbonate 3; Silicification 1	Car03; Sil01	dark grey fine grain massive Mafic flow, weak-moderate Cx veins, weak Sx veins, .5% disseminated sulphides vein associated.
90.51	90.88	Carbonate 3; Chlorite 5	Car03; Chl05	med-drk grey fine grain Mafic tuff, weak-moderate Cx veins, weak Sx, Moderate pervasive

				Chl, 1% fine disseminated sulphides vein associated.
90.88	93.1	Carbonate 5; Chlorite 1; Silicification 3	Car05; Chl01; Sil03	dark-light grey fine grain Variolitic mafic flow, Variols up to 2cm across, Cx moderate infil/veins, weak-moderate selectively pervasive SX, weak pervasive Chl. 1% sulphides stringers.
93.1	97.47	Carbonate 3; Chlorite 5	Car03; Chl05	med-drk grey fine grain Mafic tuff, weak-moderate Cx veins, weak Sx, Moderate pervasive Chl, 1% fine disseminated sulphides vein associated.
97.47	102	Carbonate 5; Silicification 3; Chlorite 1	Car05; Sil03; Chl01	dark-light grey fine grain Variolitic mafic flow, Variols up to 2cm across, Cx moderate infil/veins, weak-moderate selectively pervasive SX, weak pervasive Chl. 1% sulphides stringers. EOH

Mineralization
Hole ID: 20HUR013
Date Logged: 17-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
11.11	11.39	Sulfides 1%	Su01	1% disseminated.
26.29	27.33	Sulfides 2%	Su02	2% disseminated.
30.5	31.4	Sulfides 2%	Su02	2% disseminated.
41.21	41.31	Sulfides 0.5%	Su00.5	.5% disseminated.
47.3	47.43	Sulfides 0.5%	Su00.5	.5% disseminated.
50.97	54	Sulfides 1-2	Su1-2	1-2% disseminated.
71.95	76.8	Sulfides 2%	Su02	, 2% fine disseminated sulphides,
76.8	77.36	Sulfides 1%	Su01	1% disseminated sulphides associated with Cx veins.

77.36	87.96	Sulfides 1%	Su01	1% sulphides stringers.
87.96	90.51	Sulfides 0.5%	Su00.5	.5% disseminated sulphides vein associated.
90.51	90.88	Sulfides 1%	Su01	1% fine disseminated sulphides vein associated.
90.88	93.1	Sulfides 1%	Su01	1% sulphides stringers.
93.1	97.47	Sulfides 1%	Su01	1% fine disseminated sulphides vein associated.
97.47	102	Sulfides 1%	Su01	1% sulphides stringers. EOH

Sample Log
Hole ID: 20HUR013
Date Logged: 17-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Length (m)	Sample ID	Cert No.
3.25	4.3	1.05	587237	A20-10196
4.3	5.4	1.1	587238	A20-10196
5.4	6.5	1.1	587239	A20-10196
6.5	7.05	0.55	587241	A20-10196
7.05	7.78	0.73	587242	A20-10196
7.78	8.8	1.02	587243	A20-10196
8.8	10	1.2	587244	A20-10178
10	11	1	587245	A20-10178
11	11.7	0.7	587246	A20-10178
11.7	12.47	0.77	587247	A20-10178
12.47	13.18	0.71	587248	A20-10178
13.18	14	0.82	587249	A20-10196
14	14.82	0.82	587250	A20-10196
14.82	15.79	0.97	587251	A20-10196
15.79	16.54	0.75	587252	A20-10196
16.54	17.28	0.74	587253	A20-10196
17.28	18.55	1.27	587254	A20-10196
18.55	19.65	1.1	587255	A20-10196
19.65	20.75	1.1	587256	A20-10196
20.75	21.8	1.05	587257	A20-10196
21.8	22.81	1.01	587258	A20-10196
22.81	24	1.19	587259	A20-10196
24	25.1	1.1	587261	A20-10196
25.1	26.24	1.14	587262	A20-10178
26.24	27.33	1.09	587263	A20-10178
27.33	28.03	0.7	587264	A20-10178
28.03	28.73	0.7	587265	A20-10178
28.73	29.38	0.65	587266	A20-10178
29.38	30	0.62	587267	A20-10178
30	30.5	0.5	587268	A20-10178
30.5	31.4	0.9	587269	A20-10178
31.4	32.42	1.02	587270	A20-10196
32.42	33.6	1.18	587271	A20-10196
33.6	34.7	1.1	587272	A20-10196
34.7	35.8	1.1	587273	A20-10196
35.8	36.9	1.1	587274	A20-10196

36.9	38	1.1	587275	A20-10196
38	39	1	587276	A20-10196
39	40	1	587277	A20-10196
40	41	1	587278	A20-10178
41	41.7	0.7	587279	A20-10178
41.7	42.7	1	587281	A20-10178
42.7	43.8	1.1	587282	A20-10178
43.8	44.8	1	587283	A20-10178
44.8	45.8	1	587284	A20-10178
45.8	46.37	0.57	587285	A20-10178
46.37	47.24	0.87	587286	A20-10178
47.24	47.9	0.66	587287	A20-10178
47.9	49	1.1	587288	A20-10178
49	50	1	587289	A20-10178
50	50.97	0.97	587290	A20-10178
50.97	51.67	0.7	587291	A20-10178
51.67	52.39	0.72	587292	A20-10178
52.39	53.03	0.64	587293	A20-10178
53.03	53.73	0.7	587294	A20-10178
53.73	54.84	1.11	587295	A20-10178
54.84	55.54	0.7	587296	A20-10178
55.54	56.35	0.81	587297	A20-10196
56.35	57.15	0.8	587298	A20-10196
57.15	58	0.85	587299	A20-10196
58	59	1	587301	A20-10196
59	60	1	587302	A20-10196
60	61	1	587303	A20-10196
61	62	1	587304	A20-10196
62	63	1	587305	A20-10178
63	64	1	587306	A20-10178
64	65	1	587307	A20-10178
65	66.12	1.12	587308	A20-10178
66.12	66.87	0.75	587309	A20-10178
66.87	67.59	0.72	587310	A20-10178
67.59	68.21	0.62	587311	A20-10178
68.21	69	0.79	587312	A20-10178
69	69.94	0.94	587313	A20-10178
69.94	71	1.06	587314	A20-10196
71	71.95	0.95	587315	A20-10196
71.95	73	1.05	587316	A20-10196
73	74.1	1.1	587317	A20-10196

74.1	75.03	0.93	587318	A20-10196
75.03	75.72	0.69	587319	A20-10196
75.72	76.8	1.08	587321	A20-10196
76.8	77.36	0.56	587322	A20-10196
77.36	78.05	0.69	587323	A20-10196
78.05	79	0.95	587324	A20-10196
79	80	1	587325	A20-10196
80	81	1	587326	A20-10178
81	82	1	587327	A20-10178
82	82.75	0.75	587328	A20-10178
82.75	83.35	0.6	587329	A20-10178
83.35	84.02	0.67	587330	A20-10178
84.02	85	0.98	587331	A20-10178
85	85.84	0.84	587332	A20-10178
85.84	86.46	0.62	587333	A20-10178
86.46	87.23	0.77	587334	A20-10178
87.23	87.96	0.73	587335	A20-10196
87.96	89	1.04	587336	A20-10196
89	89.7	0.7	587337	A20-10196
89.7	90.51	0.81	587338	A20-10196
90.51	90.88	0.37	587339	A20-10196
90.88	91.58	0.7	587341	A20-10196
91.58	92.26	0.68	587342	A20-10196
92.26	93.1	0.84	587343	A20-10196
93.1	94	0.9	587344	A20-10196
94	95	1	587345	A20-10178
95	96	1	587346	A20-10178
96	96.7	0.7	587347	A20-10178
96.7	97.47	0.77	587348	A20-10178
97.47	98.2	0.73	587349	A20-10178
98.2	99	0.8	587350	A20-10178
99	100	1	587351	A20-10178
100	101	1	587352	A20-10178
101	102	1	587353	A20-10178

Hole ID:	20HUR014	**Datum/Projection:**	NAD 83 Zone 15
Project:	Huronian	**UTM North:**	5379024
Claim/Patent #	PAT-15492 & 125738	**UTM East:**	664705
Township:	Moss Lake	**Dip:**	-45
		Azimuth:	128.4
Start Date:	15-Aug-20	**Drill Company:**	Chibougamau Diamond Drilling ltd
End Date:	16-Aug-20	**Core Size:**	NQ
EOH Depth:	102 m	**Storage Location:**	Huronian
Drill Comments:			

Main Lithology
Hole ID: 20HUR014
Date Logged: 19-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
0	3.46	Overburden (Unsubdivided)	15	Casing
3.46	6.78	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic tuff, weak foliation, weak Cx veins, weak-moderate pervasive Chl, weak Sx veins,
6.78	7.32	Massive lava Mafic flows (unsubdivided)	2a	med-drk grey fine grain massive mafic flow, weak Cx veins, weak Chl.
7.32	8.62	Feldspar porphyry	10e	med-light grey fine grain to medium grain Feldspar Porphyry, no foliation, weak Chl,
8.62	13.1	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic tuff, weak foliation, weak Cx veins, weak-moderate pervasive Chl, weak-moderate Sx veins,
13.1	18.85	Variolitic lava Mafic flows	2aa	med/daark grey-light grey very fine grain, Variolitic mafic flow, Variols up tp 2cm wide, modereate Cx veins/Variol infil, weak-moderate Chl, weak Sx veins.
18.85	23.15	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic tuff, weak foliation, weak Cx veins, weak-moderate pervasive Chl, weak-moderate Sx veins, weak Selectively pervasive Hematite alt.
23.15	25.17	Tuff Mafic (unsubdivided); Tuff Intermediate (unsubdivided)	2c; 3b	med-light grey-reddish grey, fine grain, Mafic-intermediate tuff, weak foliation, weak Cx veins, weak-moderate pervasive Chl, weak-moderate Sx veins, weak selectively pervasive Hematite alt.
25.17	26.02	Tuff Intermediate (unsubdivided); Lithic tuff felsic (fragments are up to 2mm in size)	3b; 4bda	med-light Redish grey, fine grain Intermediate to felsic tuff, strong pervasive hematitc alt. weak-moderate Sx veins, moderate Cx, 1% disseminated sulphides.
26.02	30.25	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic tuff, weak foliation, weak Cx veins, weak-moderate pervasive Chl, weak-moderate Sx veins, weak Selectively pervasive Hematite alt.
30.25	30.83	Quartz Vein	QTZ	light grey to white fine grain Quartz/Carbonate vein, massive, 3% disseminated sulphides.

30.83	32.73	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic tuff, weak foliation, weak Cx veins, weak-moderate pervasive Chl, weak-moderate Sx veins,
32.73	39	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic tuff, weak foliation, weak Cx veins, weak pervasive Chl, moderate strong Sx veins, 2% disseminated and stringers of sulphides.
39	39.35	Syenite	10ad	med-dark grey fine grain, Mafic tuff, weak foliation, moderate strong pervasive Cx, weak-moderate Sx veins, moderate strong Hematitc/potassic? alt.
39.35	48.81	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic tuff, weak foliation, weak Cx veins, weak-moderate selectively pervasive Chl, weak-moderate Sx veins,
48.81	51.91	Tuff Intermediate (unsubdivided)	3b	med-light fine grain Intermediate tuff, mafic fragments up to 2cm, weak to moderate Cx veins/Variol infil, weak-moderate Qz veins, weak selectively pervasive hematite,
51.91	59.45	Variolitic lava Mafic flows	2aa	dark to light grey fine grain Variolitic mafic flow, moderate Cx veins and Variol infil, weak Sx veins, weak selectively pervasive Hem,
59.45	66	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic tuff, weak foliation, weak Cx veins, weak-moderate pervasive Chl, weak-moderate Sx veins,
66	69	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic tuff, weak foliation, moderate Cx veins, weak-moderate pervasive Chl, weak-moderate Sx veins, weak to moderate Mt
69	70	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic tuff, weak foliation, weak Cx veins, weak-moderate pervasive Chl, weak-moderate Sx veins,
70	78	Massive lava Mafic flows (unsubdivided)	2a	dark grey, very fine-fine grain, Mafic Flow, weak Cx, weak Sx veins,
78	78.94	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic tuff, weak foliation, weak Cx veins, weak-moderate pervasive Chl, weak-moderate Sx veins, weak Mt bands
78.94	81.87	Tuff Mafic (unsubdivided); Tuff Intermediate (unsubdivided)	2c; 3b	Med grey, fine grain, weak foliation, moderate pervasive Sx, weak Cx veins,
81.87	89.02	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic tuff, weak foliation, weak Cx veins, weak Chl, weak-moderate Sx veins,

89.02	102	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic tuff, weakly brecciatted, weak foliation, weak Cx veins, moderate pervasive Chl, weak-moderate Sx veins,

Sub Lithology
Hole ID: 20HUR014
Date Logged: 19-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
29.29	29.57	Lamprophyre Dyke (unsubdivided)	14c	Lamp dyke fine grain to medium grain dark grey Strong Cx

Veining
Hole ID: 20HUR014
Date Logged: 19-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Descriptive element	Gangue	Vein	Angle	Minerals	Description
12.31	12.63	Quartz-Calcite 75% Sulfides 3%	75%				Su03	Qz/Cx vein fine disseminated sulphides (Py/Po)
15.68	16.05	Quartz-Calcite 40% Sulfides 0.5%	40%				Su00.5	Cx-Qz vein .5% fine disseminated sulphides.
17.57	17.69	Carbonate 40%	40%					Fine grain carbonate vein/floodig, no sulphides.
27.93	28.08	Quartz-Vein 65% Sulfides 1%	65%				Su01	1% disseminated sulphides in Qz vein
29.57	29.6	Quartz-Calcite 70% Sulfides 1%	70%				Su01	Qz/Cx vein.
29.89	29.94	Quartz-Calcite 70% Sulfides 2%	70%				Su02	2% sulphides in Qz/Cx vein
35.73	35.89	Quartz-Calcite 70% Sulfides 0.5%	70%				Su00.5	Qz flooding with minor Cx veins, .5% sulphides

46.73	47.05	Quartz-Calcite 70% Sulfides 0.5%	0.7	Su00.5	Qz/Cx vein .5% disseminated sulphides.
78.1	78.17	Quartz-Calcite 30% Sulfides 2-3	0.3	Su2-3	Qz/Cx veins 2-3% sulphides.
92.22	92.29	Quartz-Calcite 50% Sulfides 2%	0.5	Su02	Qz/Cx vein 2% sulphides.
97.86	98.02	Quartz-Calcite 60% Sulfides 1%	0.6	Su01	Qz/Cx vein 1% sulphides.
98.69	98.79	Quartz-Calcite 60% Sulfides 3%	0.6	Su03	Qz/Cx vein 3% sulphides.
99.28	99.35	Quartz-Calcite 45% Sulfides 0.5%	0.45	Su00.5	Qz/Cx vein .5% sulphides.

Alteration
Hole ID: 20HUR014
Date Logged: 19-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
3.46	6.78	Carbonate 1; Chlorite 3; Silicification 1	Car01; Chl03; Sil01	med-dark grey fine grain, Mafic tuff, weak foliation, weak Cx veins, weak-moderate pervasive Chl, weak Sx veins,
6.78	7.32	Carbonate 1; Chlorite 1	Car01; Chl01	med-drk grey fine grain massive mafic flow, weak Cx veins, weak Chl.
7.32	8.62	Chlorite 1	Chl01	med-light grey fine grain to medium grain Feldspar Porphyry, no foliation, weak Chl,
8.62	13.1	Carbonate 1; Chlorite 3; Silicification 3	Car01; Chl03; Sil03	med-dark grey fine grain, Mafic tuff, weak foliation, weak Cx veins, weak-moderate pervasive Chl, weak-moderate Sx veins,
13.1	18.85	Carbonate 5; Chlorite 3; Silicification 1	Car05; Chl03; Sil01	med/daark grey-light grey very fine grain, Variolitic mafic flow, Variols up tp 2cm wide, modereate Cx veins/Variol infil, weak-moderate Chl, weak Sx veins.

18.85	23.15	Carbonate 1; Chlorite 3; Silicification 3; Hematite 1	Car01; Chl03; Sil03; Hem01	med-dark grey fine grain, Mafic tuff, weak foliation, weak Cx veins, weak-moderate pervasive Chl, weak-moderate Sx veins, weak Selectively pervasive Hematite alt.
23.15	25.17	Carbonate 1; Chlorite 3; Silicification 3; Hematite 1	Car01; Chl03; Sil03; Hem01	med-light grey-reddish grey, fine grain, Mafic-intermediate tuff, weak foliation, weak Cx veins, weak-moderate pervasive Chl, weak-moderate Sx veins, weak selectively pervasive Hematite alt.
25.17	26.02	Carbonate 5; Silicification 3; Hematite 10	Car05; Sil03; Hem10	med-light Redish grey, fine grain Intermediate to felsic tuff, strong pervasive hematitc alt. weak-moderate Sx veins, moderate Cx, 1% disseminated sulphides.
26.02	30.25	Carbonate 1; Chlorite 3; Silicification 3; Hematite 1	Car01; Chl03; Sil03; Hem01	med-dark grey fine grain, Mafic tuff, weak foliation, weak Cx veins, weak-moderate pervasive Chl, weak-moderate Sx veins, weak Selectively pervasive Hematite alt.
30.25	30.83	Carbonate 3; Silicification 10	Car03; Sil10	light grey to white fine grain Quartz/Carbonate vein, massive, 3% disseminated sulphides.
30.83	32.73	Carbonate 1; Chlorite 3; Silicification 3	Car01; Chl03; Sil03	med-dark grey fine grain, Mafic tuff, weak foliation, weak Cx veins, weak-moderate pervasive Chl, weak-moderate Sx veins,
32.73	39	Carbonate 1; Chlorite 1; Silicification 8	Car01; Chl01; Sil08	med-dark grey fine grain, Mafic tuff, weak foliation, weak Cx veins, weak pervasive Chl, moderate strong Sx veins, 2% disseminated and stringers of sulphides.
39	39.35	Carbonate 8; Silicification 3; Hematite 8	Car08; Sil03; Hem08	med-dark grey fine grain, Mafic tuff, weak foliation, moderate strong pervasive Cx, weak-moderate Sx veins, moderate strong Hematitc/potassic? alt.
39.35	48.81	Carbonate 1; Chlorite 3; Silicification 3	Car01; Chl03; Sil03	med-dark grey fine grain, Mafic tuff, weak foliation, weak Cx veins, weak-moderate selectively pervasive Chl, weak-moderate Sx veins,

48.81	51.91	Carbonate 3; Silicification 3; Hematite 1	Car03; Sil03; Hem01	med-light fine grain Intermediate tuff, mafic fragments up to 2cm, weak to moderate Cx veins/Variol infil, weak-moderate Qz veins, weak selectively pervasive hematite,
51.91	59.45	Carbonate 5; Silicification 1; Hematite 1	Car05; Sil01; Hem01	dark to light grey fine grain Variolitic mafic flow, moderate Cx veins and Variol infil, weak Sx veins, weak selectively pervasive Hem,
59.45	66	Carbonate 1; Chlorite 3; Silicification 3	Car01; Chl03; Sil03	med-dark grey fine grain, Mafic tuff, weak foliation, weak Cx veins, weak-moderate pervasive Chl, weak-moderate Sx veins,
66	69	Carbonate 5; Chlorite 3; Silicification 3; Magnetite 3	Car05; Chl03; Sil03; MAG03	med-dark grey fine grain, Mafic tuff, weak foliation, moderate Cx veins, weak-moderate pervasive Chl, weak-moderate Sx veins, weak to moderate Mt
69	70	Carbonate 1; Chlorite 3; Silicification 3	Car01; Chl03; Sil03	med-dark grey fine grain, Mafic tuff, weak foliation, weak Cx veins, weak-moderate pervasive Chl, weak-moderate Sx veins,
70	78	Carbonate 1; Silicification 1	Car01; Sil01	dark grey, very fine-fine grain, Mafic Flow, weak Cx, weak Sx veins,
78	78.94	Carbonate 1; Chlorite 3; Silicification 3; Magnetite 1	Car01; Chl03; Sil03; MAG01	med-dark grey fine grain, Mafic tuff, weak foliation, weak Cx veins, weak-moderate pervasive Chl, weak-moderate Sx veins, weak Mt bands
78.94	81.87	Carbonate 1; Silicification 5	Car01; Sil05	Med grey, fine grain, weak foliation, moderate pervasive Sx, weak Cx veins,
81.87	89.02	Carbonate 1; Chlorite 1; Silicification 3	Car01; Chl01; Sil03	med-dark grey fine grain, Mafic tuff, weak foliation, weak Cx veins, weak Chl, weak-moderate Sx veins,
89.02	102	Carbonate 1; Chlorite 5; Silicification 3	Car01; Chl05; Sil03	med-dark grey fine grain, Mafic tuff, weak foliation, weak Cx veins, moderate pervasive Chl, weak-moderate Sx veins,

Mineralization
Hole ID: 20HUR014
Date Logged: 19-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
12.2	13	Sulfides 2-3	Su2-3	2-3% disseminated
27.75	28.2	Sulfides 2-3	Su2-3	2-3% disseminated
29.6	30.95	Sulfides 2-3	Su2-3	2-3% disseminated sulphides.
30.95	32	Sulfides 1%	Su01	1% disseminated.
33	39	Sulfides 1-2	Su1-2	1-2% disseminated.
39.35	40	Sulfides 1%	Su01	1% disseminated sulphides.
46.3	47.2	Sulfides 1%	Su01	1% disseminated.
59.45	61	Sulfides .5-1	Su.5-1	.5-1% disseminated sulphides.
78	78.17	Sulfides 1%	Su01	1% Disseminated sulphides associatted with veins
91.9	100	Sulfides 1-2	Su1-2	1-2% disseminated sulphides vein associatted.

Sample Log
Hole ID: 20HUR014
Date Logged: 19-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Length (m)	Sample ID	Cert No.
3.46	4.5	1.04	587354	A20-10179
4.5	5.6	1.1	587355	A20-10179
5.6	6.78	1.18	587356	A20-10179
6.78	7.32	0.54	587357	A20-10179
7.32	7.96	0.64	587358	A20-10179
7.96	8.62	0.66	587359	A20-10179
8.62	9.82	1.2	587361	A20-10179
9.82	11	1.18	587362	A20-10179
11	12.1	1.1	587363	A20-10195
12.1	13.1	1	587364	A20-10195
13.1	14	0.9	587365	A20-10195
14	15.2	1.2	587366	A20-10195
15.2	16.05	0.85	587367	A20-10195
16.05	16.75	0.7	587368	A20-10195
16.75	17.69	0.94	587369	A20-10195
17.69	18.85	1.16	587370	A20-10195
18.85	20	1.15	587371	A20-10179
20	21	1	587372	A20-10179
21	22	1	587373	A20-10179
22	23.15	1.15	587374	A20-10179
23.15	24.14	0.99	587375	A20-10179
24.14	25.17	1.03	587376	A20-10179
25.17	26.02	0.85	587377	A20-10179
26.02	27	0.98	587378	A20-10195
27	27.93	0.93	587379	A20-10195
27.93	28.63	0.7	587381	A20-10195
28.63	29.57	0.94	587382	A20-10195
29.57	30.23	0.66	587383	A20-10195
30.23	30.83	0.6	587384	A20-10195
30.83	31.72	0.89	587385	A20-10195
31.72	32.73	1.01	587386	A20-10195
32.73	33.39	0.66	587387	A20-10195
33.39	34.11	0.72	587388	A20-10195
34.11	35	0.89	587389	A20-10195
35	35.7	0.7	587390	A20-10195
35.7	36.35	0.65	587391	A20-10195

36.35	37.05	0.7	587392	A20-10195
37.05	38	0.95	587393	A20-10195
38	39	1	587394	A20-10179
39	39.35	0.35	587395	A20-10179
39.35	40	0.65	587396	A20-10179
40	41	1	587397	A20-10179
41	42	1	587398	A20-10179
42	43	1	587399	A20-10179
43	44	1	587401	A20-10179
44	45	1	587402	A20-10179
45	46	1	587403	A20-10195
46	46.7	0.7	587404	A20-10195
46.7	47.4	0.7	587405	A20-10195
47.4	48.08	0.68	587406	A20-10195
48.08	48.81	0.73	587407	A20-10195
48.81	49.86	1.05	587408	A20-10195
49.86	50.9	1.04	587409	A20-10195
50.9	51.91	1.01	587410	A20-10179
51.91	53	1.09	587411	A20-10179
53	54.1	1.1	587412	A20-10179
54.1	55.2	1.1	587413	A20-10179
55.2	56.3	1.1	587414	A20-10179
56.3	57.4	1.1	587415	A20-10179
57.4	58.45	1.05	587416	A20-10179
58.45	59.45	1	587417	A20-10179
59.45	60.55	1.1	587418	A20-10179
60.55	61.6	1.05	587419	A20-10179
61.6	62.7	1.1	587421	A20-10179
62.7	63.8	1.1	587422	A20-10179
63.8	64.9	1.1	587423	A20-10179
64.9	66	1.1	587424	A20-10179
66	67	1	587425	A20-10179
67	68	1	587426	A20-10179
68	69	1	587427	A20-10179
69	70	1	587428	A20-10179
70	71	1	587429	A20-10179
71	72	1	587430	A20-10179
72	73	1	587431	A20-10179
73	74	1	587432	A20-10179
74	75	1	587433	A20-10179
75	76	1	587434	A20-10179

76	77	1	587435	A20-10179
77	78	1	587436	A20-10179
78	78.94	0.94	587437	A20-10179
78.94	80	1.06	587438	A20-10179
80	81	1	587439	A20-10179
81	81.87	0.87	587441	A20-10179
81.87	83	1.13	587442	A20-10179
83	84	1	587443	A20-10179
84	85	1	587444	A20-10179
85	86	1	587445	A20-10179
86	87	1	587446	A20-10179
87	88	1	587447	A20-10179
88	89.02	1.02	587448	A20-10179
89.02	90	0.98	587449	A20-10179
90	91	1	587450	A20-10179
91	92	1	587451	A20-10195
92	92.7	0.7	587452	A20-10195
92.7	93.72	1.02	587453	A20-10195
93.72	94.63	0.91	587454	A20-10195
94.63	95.73	1.1	587455	A20-10195
95.73	96.44	0.71	587456	A20-10195
96.44	97.23	0.79	587457	A20-10195
97.23	98.24	1.01	587458	A20-10195
98.24	99	0.76	587459	A20-10195
99	100	1	587461	A20-10195
100	101	1	587462	A20-10195
101	102	1	587463	A20-10195

Hole ID:	20HUR015	**Datum/Projection:**	NAD 83 Zone 15
Project:	Huronian	**UTM North:**	5378992
Claim/Patent #	PAT-15492 &125738	**UTM East:**	664684
Township:	Moss Lake	**Dip:**	-45
		Azimuth:	107.5
Start Date:	17-Aug-20	**Drill Company:**	Chibougamau Diamond Drilling ltd
End Date:	18-Aug-20	**Core Size:**	NQ
EOH Depth:	102 m	**Storage Location:**	Huronian
Drill Comments:			

Main Lithology
Hole ID: 20HUR015
Date Logged: 20-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
0	3.45	Overburden (Unsubdivided)	15	3m of casing
3.45	6.4	Tuff Mafic (unsubdivided)	2c	Fgr med dark grey mafic tuff with weak chlorite and weak to moderate pervasive silica alteration. Common sub cm to cm scale qz and qz carb veins. Weak patch bands of mm csale lapilli frags and minor bands of weak magnetics.
6.4	6.85	Banded; Magnetic	BAND; MAG	fgr dark grey oxide facies iron formation with 2-3% fgr diss to stringer Py and lesser Po. Brecciated with significant qz flooding..
6.85	19.9	Tuff Mafic (unsubdivided); Magnetic; Banded; Tuff Intermediate (unsubdivided)	2c; MAG; BAND; 3b	fgr med grey with weak pervaise chlorite, and mod to locally strong silica and carbonate alt. Locally resembles a 3b but there are distinct mafic frag, and lighter colour appears to be associated with stronger silica alteration and locallized veins. Common localized cm to near dm scale qz and qzcarb veins, running at 20-45 deg tca. 1-2% fgr vein assocated Py locally upto 5% over 30cm where there are larger veins. This unit may be a transitional zone between mafic and intermedate tuffs or it could be alteration related colour changes.
19.9	23.9	Quartz Vein	QTZ	Fgr med to light grey with 3-4% fgr driss Py, trace CCp and lesser Ga. localy brecciated and includes pieces of 3b like material from above. veining makes up about 75-85% of this section. Veining is irregulr but shallow TCA.
19.9	22.9	Quartz Vein	QTZ	Fgr med to light grey with 3-4% fgr driss Py, trace CCp and lesser Ga. localy brecciated and includes pieces of 3b like material from above. veining makes up about 75-85% of this section. Veining is irregulr but shallow TCA.
22.9	23.37	Felsic Dyke (Unsubdivided)	14a	Med to dark red synite Dyke, 2-3% fgr dis Py.

23.37	24.5	Tuff Mafic (unsubdivided); Banded	2c; BAND	fgr med to dark blue grey with moderate to strong ilica and carbonate alteration adn weak to loc mod pervasive chlorite. Unit is flodded with pervasive silica and is strongly veined. Could be called 2c, 3b or qtz vein. Common cm scale Py rich qz veins and stringer.
23.9	24.37	Felsic Dyke (Unsubdivided)	14a	Med to dark red synite Dyke, 2-3% fgr dis Py.
24.5	25.08	Lamprophyre Dyke (unsubdivided)	14c	Lamp. Int carb,
25.08	49.15	Tuff Mafic (unsubdivided)	2c	fgr med to dark grey with weak to loc mod pervasive silica alt, mod carb and weak to loc mod chlorite alteration. 1-2% fgr diss and vein assoicated Py. Locally weak to moderately magnetic. loclaized beds of fg mafic lapilli fragments.
49.15	56	Variolitic lava Mafic flows; Variolitic	2aa; VAR	fgr grey to locally light grey with common cm scale qz and qtz carb fill Cariols. Weak to locally strong silica asocated with veins. Weak pervasive Chl and carbonate.
56	88.62	Massive lava Mafic flows (unsubdivided)	2a	fgr med grey mafic volcantic. Masive with weak to locally moderate carbonate, weak chlorite and weak fracture controled biotite, Rare white to grey sub cm to cm scale Qz and qz/carb veins running roughtly 40-60 deg tca. Trace to locally 1% fgr diss and vein assocated Py.
88.62	89.65	Variolitic lava Mafic flows	2aa	fgr med to dark grey with weak to mod chl, and mod pervasive and infilling carbonate. Vesicals infilled with carb and lesser qz. Trace FC and vein ass Py. Rare mm scsale carb adn qz carb veins. UC of unit is denoted by presence of vesicals while LC is denoted by weak beding and increase in Mt bands.
89.65	92.9	Tuff Mafic (unsubdivided)	2c	fgr med to dark grey with weak to mod patchy chlorite, mod carbonate and weak Mt. trace to1% fgr diss and vein assoicate Py. Weak loc foliation at roghly 30-35 deg TCA.
92.9	95.37	Variolitic lava Mafic flows; Variolitic	2aa; VAR	fgr dark grey. Same as 2aa above.
95.37	99.25	Tuff Mafic (unsubdivided)	2c	fgr med to dark grey with patchy chlorite and carbonate alteration. Weak foliaton at 40 deg tca. Trace to locally 1% fgr diss and vein ass Py . Lc is denoted by brecciation.

99.25	101.21	Pillow breccia/hyaloclastite Mafic	2ba	Brecciated mafic tuff and mafic volcanic. . Weak to mod patchy chlorite and carbonate. Weak bands of My. Common cm scale white qz and qzcarb veins running at irregular angles TCA. 1-2% fgr vein ass Py locally,
101.21	102	Variolitic lava Mafic flows; Variolitic	2aa; VAR	Same as 2aa above.

Sub Lithology
Hole ID: 20HUR015
Date Logged: 20-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
40.62	40.82	Syenite	10ad	Red syenite with 2%MG to CG Py cubes.

Veining
Hole ID: 20HUR015
Date Logged: 20-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Descriptive element	Gangue	Vein	Angle	Minerals	Description
21.4	22.7	Vein 30° Pyrite 3%				30°	Py03	80% of core is vein. Sig Fg diss Py
25.81	26.18	Vein						qtzcarb vein with 5% fgr diss Py. vein is about 70% of this section
26.9	27.1	Carbonate 20°				20°		Barren carb vein
30.94	31.35	Quartz-Vein 90% 40°	90%			40°		area of intense silica alt with 1-2% fgr diss Py
33.59	33.76	Quartz-Calcite 75% 35°	75%			35°		Qtz carb vein making up about 80% of rock. 1% fgr disss Py

Alteration
Hole ID: 20HUR015
Date Logged: 20-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
3.45	14.5	Chlorite 2; Silicification 2; Carbonate 1	Chl02; Sil02; Car01	Weak to mod patchy chl, weak patchy silica, weak pervasive carb
14.5	19.9	Carbonate 1; Silicification 5; Chlorite 0.5	Car01; Sil05; Chl00.5	Mod to strong Pervasive and vein assoicated Silcia, mod pervasive and vein ass carb, weak patchy chl
19.9	23.37	Silicification 75	Sil75	Intense Silica pervasive
23.37	24.5	Silicification 3; Chlorite 2; Carbonate 2; Magnetite 1	Sil03; Chl02; Car02; MAG01	Mod to strong pervasive and vein assocated., weak mag as fgr disseminations, mod pervasive Carbonate as fgr nodules and veins.
24.5	25.08	Carbonate 20	Car20	Lamp dyke
25.08	26.18	Carbonate 2; Silicification 5	Car02; Sil05	Weak to mod pervasive Chl, str vein and flooding assocated silica and mod pervasive and vein assocated carbonate
26.18	30.94	Carbonate 2; Chlorite 2; Silicification 1	Car02; Chl02; Sil01	Weak pervasive and vein ass sillica, weak pervasive chlorite, biotite and fc biotite, weak pervaisve and vein assocated carbonate.
30.94	36	Silicification 2; Carbonate 1	Sil02; Car01	weak pervasive alt.
36	49.15	Silicification 3; Carbonate 1; Chlorite 2	Sil03; Car01; Chl02	weak to loc mod pervasive alt. Minor increase in Silica alteration near veins.
49.15	50.8	Silicification 1; Carbonate 1	Sil01; Car01	Weak pervasive
50.8	56	Carbonate 2; Silicification 2	Car02; Sil02	Mod pervasive, notably stronger then above.
56	80	Carbonate 0.5; Chlorite 0.5	Car00.5; Chl00.5	Weak patchy carbonate and silica alt. Weak pervasive chl.

80	81	Carbonate 1; Chlorite 2; Magnetite 0.5	Car01; Chl02; MAG00.5	Weak Mt bands in minor beds and disseminations.
81	88.62	Carbonate 1; Chlorite 2	Car01; Chl02	Weak pervasive chlorite, weak pervasive and vein associated carb.
88.62	89.65	Carbonate 2; Chlorite 1	Car02; Chl01	Weak pervasice Chl, weak to mod pervasive and infilling Carb. Weak Silic as infill.
89.65	92.9	Chlorite 2; Carbonate 1	Chl02; Car01	Weak to mod pervasive chlor, weak pervasive carb and weak banded Mt

Sample Log
Hole ID: 20HUR015
Date Logged: 20-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Length (m)	Sample ID	Cert No.
3.45	4.7	1.25	587464	A20-10885
5.45	5.95	0.5	587465	A20-10885
5.95	6.4	0.45	587466	A20-10885
6.4	6.85	0.45	587467	A20-10885
6.85	7.45	0.6	587468	A20-10885
7.45	8.3	0.85	587469	A20-10885
8.3	9	0.7	587470	A20-10885
9	10	1	587471	A20-10885
10	11	1	587472	A20-10885
11	12	1	587473	A20-10885
12	12.9	0.9	587474	A20-10885
12.9	13.9	1	587475	A20-10885
13.9	15	1.1	587476	A20-10885
15	16	1	587477	A20-10885
16	16.75	0.75	587478	A20-10885
16.75	18	1.25	587479	A20-10885
18	19	1	587481	A20-10885
19	19.9	0.9	587482	A20-10885
19.9	21	1.1	587483	A20-10862
21	21.53	0.53	587484	A20-10862
21.53	22.25	0.72	587485	A20-10862
22.25	22.9	0.65	587486	A20-10862
22.9	23.37	0.47	587487	A20-10862
23.37	24.5	1.13	587488	A20-10862
24.5	25.08	0.58	587489	A20-10862
25.08	25.81	0.73	587490	A20-10862
25.81	26.5	0.69	587491	A20-10862
26.5	27.3	0.8	587492	A20-10862
27.3	28	0.7	587493	A20-10862
28	29	1	587494	A20-10862
29	30	1	587495	A20-10862
30	30.9	0.9	587496	A20-10862
30.9	31.7	0.8	587497	A20-10862
31.7	32.75	1.05	587498	A20-10862
32.75	33.55	0.8	587499	A20-10862
33.55	34.45	0.9	763001	A20-10862

34.45	35.3	0.85	763002	A20-10862
35.3	36	0.7	763003	A20-10862
36	37	1	763004	A20-10862
37	38	1	763005	A20-10862
38	39	1	763006	A20-10885
39	40	1	763007	A20-10885
40	41	1	763008	A20-10885
41	42	1	763009	A20-10885
42	43	1	763010	A20-10885
43	44	1	763011	A20-10885
44	45	1	763012	A20-10885
45	46	1	763013	A20-10885
46	47	1	763014	A20-10885
47	48	1	7630'15	A20-10885
48	49.15	1.15	763016	A20-10862
49.15	50	0.85	763017	A20-10862
50	50.65	0.65	763018	A20-10862
50.65	51.35	0.7	763019	A20-10862
51.35	52.1	0.75	763021	A20-10862
52.1	53.15	1.05	763022	A20-10862
53.15	54	0.85	763023	A20-10862
54	55.15	1.15	763024	A20-10862
55.15	56	0.85	7630'25	A20-10862
56	57	1	763026	A20-10862
57	58	1	763027	A20-10885
58	59	1	763028	A20-10885
59	60	1	763029	A20-10885
60	61	1	763030	A20-10885
61	62	1	763031	A20-10885
62	63	1	763032	A20-10885
63	64	1	763033	A20-10885
64	65	1	763034	A20-10885
65	66	1	763035	A20-10885
66	67	1	763036	A20-10885
67	68	1	763037	A20-10885
68	69	1	763038	A20-10885
69	70	1	763039	A20-10885
70	71	1	763041	A20-10885
71	72	1	763042	A20-10885
72	73	1	763043	A20-10885
73	74	1	763044	A20-10885

74	75	1	763045	A20-10885
75	76	1	763046	A20-10885
76	77	1	763047	A20-10885
77	78	1	763048	A20-10885
78	79	1	763049	A20-10885
79	80	1	763050	A20-10885
80	81	1	763051	A20-10885
81	82	1	763052	A20-10885
82	83	1	763053	A20-10885
83	84	1	763054	A20-10885
84	85	1	763055	A20-10885
85	86	1	763056	A20-10885
86	87	1	763057	A20-10885
87	88	1	763058	A20-10885
88	88.62	0.62	763059	A20-10885
88.62	89.65	1.03	763061	A20-10885
89.65	90.8	1.15	763062	A20-10885
90.8	91.85	1.05	763063	A20-10885
91.85	92.9	1.05	763064	A20-10885
92.9	94.12	1.22	763065	A20-10885
94.12	95.37	1.25	763066	A20-10885
95.37	96.3	0.93	763067	A20-10885
96.3	97.3	1	763068	A20-10885
97.3	98.35	1.05	763069	A20-10862
98.35	99.25	0.9	763070	A20-10862
99.25	100	0.75	763071	A20-10862
100	100.5	0.5	763072	A20-10862
100.5	101.21	0.71	763073	A20-10862
101.21	102	0.79	763074	A20-10862

Hole ID:	20HUR016	**Datum/Projection:**	NAD 83 Zone 15
Project:	Huronian	**UTM North:**	5378866
Claim/Patent #	PAT-15492	**UTM East:**	664605
Township:	Moss Lake	**Dip:**	165.5
		Azimuth:	-50
Start Date:	18-Aug-20	**Drill Company:**	Chibougamau Diamond Drilling ltd
End Date:	19-Aug-20	**Core Size:**	NQ
EOH Depth:	102 m	**Storage Location:**	Huronian
Drill Comments:			

Main Lithology
Hole ID: 20HUR016
Date Logged: 21-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
0	3	Overburden (Unsubdivided)	15	Casing
3	15.68	Fine Grained	FG	Fgr med to light grey with distinct fgr mafic and Mt rich lapilli/ pebble material. Unit has weak to loc mod chlorite, weak to moderate carbonate alteration and weak patchy silica. trace to1% fgr diss Py, more in slightly lighter bands. weak foliation at 20 deg tca.
15.68	22.67	Tuff Mafic (unsubdivided); Fine Grained	2c; FG	Medium to light grey mafic tuff to nearing an int Tuff due to increase in Sx Cx and Seri alt. Minor bands of moderately magnetic material whihc is light grey in colour and soft.
22.67	23.89	Iron formation (unsubdivided); Magnetic	6c; MAG	Bands of 2c with carbonate rich iron formation. Strongly magnetic and distictly coloured from unit above and below.
23.89	28.89	Variolitic lava Mafic flows; Magnetic	2aa; MAG	Med to dark grey variolitic mafic volc with Variols upto 1cm in dia.. Weak pervaisve silica, mod carb and weak to mod chl. 0.5% fgr diss Py overall with local consintrations upto 2% over 30cm.
28.89	29.41	Lamprophyre Dyke (unsubdivided)	14c	Fgr to mgr, med dark grey with redish bands with very strong carbonate.
29.41	30.27	Variolitic lava Mafic flows; Variolitic	2aa; VAR	Med to dark grey variolitic mafic volc with Variols upto 1cm in dia.. Weak pervaisve silica, mod carb and weak to mod chl. 0.5% fgr diss Py overall with local consintrations upto 2% over 30cm.
30.27	35	Tuff Mafic (unsubdivided)	2c	Fgr medium grey with weak to mod chlorite and mod to strong Carbonate alteration. and weak patch Silica. Trace to 1% fgr diss Py, most veins are barren. Rare lapilli frags upto 2mm, and stretched.
35	46.83	Tuff Mafic (unsubdivided)	2c	Same as above but with weak patchy hemitite and mod chlorite alt change
46.83	49.71	Massive lava Mafic flows (unsubdivided)	2a	Med grey, fine grain, massive Mafic Flow, weak Cx veins, weak pervasive Chl, weak Sx veins, 1% disseminated Pyrite cubes.

49.71	54.38	Tuff Mafic (unsubdivided)	2c	Fgr medium grey with weak to mod chlorite and mod Carbonate alteration. and weak patch Silica. Trace to 1% fgr diss Py, most veins are barren. Rare lapilli frags upto 2mm, and stretched.
54.38	55.32	Iron formation (unsubdivided)	6c	dark grey, fine grain, iron formation, Strong Cx, weak-moderate Chl, weak Sx veins, 2% diseminated Sulphides
55.32	68.78	Tuff Mafic (unsubdivided)	2c	Fgr medium grey with weak to mod chlorite and mod Carbonate alteration. and weak patch Silica. Trace to 1% fgr diss Py, most veins are barren. Rare lapilli frags upto 2mm, and stretched.
68.78	69.61	Lamprophyre Dyke (unsubdivided)	14c	med grey fine grain Lamp Dyke, Strong Cx, weak Sx veins.
69.61	73.15	Quartz Vein	QTZ	Med grey-white pinkish(carbonate), Quartz vein, strong Sx, moderate Cx, weak Chl, 2% disseminated and stringers of sulphides.
73.15	75.47	Tuff Mafic (unsubdivided)	2c	med- dark grey, fine to medium grained mafic tuff with mafic fragments up to 2cm, weak pervasive Cx, moderate pervasive Chl, weak Sx veins.
75.47	89.08	Variolitic lava Mafic flows	2aa	dark-light grey very fine-fine grain Variolitic mafic flow, weak-moderate Cx veins and variol infil, weak Sx veins, weak pervasive Chl.
89.08	91.03	Massive lava Mafic flows (unsubdivided)	2a	dark grey very fine grain Massive Mafic flow, weak Cx, weak pervasive Chl, weak Sx veins,
91.03	92.12	Variolitic lava Mafic flows	2aa	dark-light grey very fine-fine grain Variolitic mafic flow, weak-moderate Cx veins and variol infil, weak Sx veins, weak pervasive Chl.
92.12	95.62	Variolitic lava Mafic flows	2aa	dark-light grey very fine-fine grain Variolitic mafic flow, weak-moderate Cx veins and variol infil, weak Sx veins, weak pervasive Chl., weak to moderate pervasive Hematite alt.
95.62	102	Variolitic lava Mafic flows	2aa	dark-light grey very fine-fine grain Variolitic mafic flow, weak-moderate Cx veins and variol infil, weak Sx veins, weak pervasive Chl. weak selectively pervasive hematite alt. EOH

Veining
Hole ID: 20HUR016
Date Logged: 21-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Descriptive element	Gangue	Vein	Angle	Minerals	Description
10.85	10.89	Quartz-Calcite 80% Pyrite 0.5%	80%				Py00.5	Qz/Cx vein, .5% sulphides.
37.42	37.45	Quartz-Sulphide 10% Sulfides 5%	10%				Su05	2cm wide Qz vein with 5% sulphides.
69.67	73.15	Quartz-Calcite 80% Sulfides 5%	80%				Su05	Large Qz/Cx vein 5% disseminated sulphides (Py/Po and minor chalco
75.47	75.6	Quartz-Calcite 80% Sulfides 1%	80%				Su01	Carbonate quatrz vein 1% fine disseminated sulphides.
93.03	93.3	Quartz-Calcite 5% 5° Sulfides 5%	5%			5°	Su05	Qz/Cx vein running 5 degrees tca, 5% FINE DISSEMINATED SULPHIDES.

Alteration
Hole ID: 20HUR016
Date Logged: 21-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
3	15.68	Carbonate 1; Chlorite 1; Silicification 0.5	Car01; Chl01; Sil00.5	weak pervasive carbonate, weak to mod pervasive chlorite and weak patchy.
15.68	22.67	Chlorite 1; Silicification 3; Carbonate 2; Sericite 1	Chl01; Sil03; Car02; Ser01	Banded with patchy mod carb and silica. Weak patchy sericite and weak to mod chlorite.
22.67	23.89	Carbonate 10	Car10	Strong pervasive carbonate.
23.89	28.89	Carbonate 2; Chlorite 1; Silicification 0.5	Car02; Chl01; Sil00.5	Weak pervasive silica, mod carbonate and weak to mod chlorite.
28.89	29.41	Carbonate 10	Car10	Lamp
29.41	30.27	Carbonate 2; Chlorite 1; Silicification 0.5	Car02; Chl01; Sil00.5	Same as other 2aa above
30.27	35	Silicification 0.5; Chlorite 1; Carbonate 4	Sil00.5; Chl01; Car04	Mod to strong carb, weak Chlorite and weak patchy silica alteration.

35	46.83	Carbonate 1; Chlorite 2; Silicification 0.5; Hematite 1	Car01; Chl02; Sil00.5; Hem01	Same as unit above but with mod chlorite and weak hemitite alt.
46.83	49.71	Carbonate 1; Chlorite 1; Silicification 1	Car01; Chl01; Sil01	Med grey, fine grain, massive Mafic Flow, weak Cx veins, weak pervasive Chl, weak Sx veins, 1% disseminated Pyrite cubes.
49.71	54.38	Carbonate 5; Chlorite 3; Silicification 1	Car05; Chl03; Sil01	Fgr medium grey with weak to mod chlorite and mod Carbonate alteration. and weak patch Silica. Trace to 1% fgr diss Py, most veins are barren. Rare lapilli frags upto 2mm, and stretched.
54.38	55.32	Carbonate 10; Chlorite 3; Silicification 1	Car10; Chl03; Sil01	dark grey, fine grain, iron formation, Strong Cx, weak-moderate Chl, weak Sx veins, 2% diseminated Sulphides
55.32	68.78	Carbonate 5; Chlorite 3; Silicification 1	Car05; Chl03; Sil01	Fgr medium grey with weak to mod chlorite and mod Carbonate alteration. and weak patch Silica. Trace to 1% fgr diss Py, most veins are barren. Rare lapilli frags upto 2mm, and stretched.
68.78	69.91	Carbonate 10; Silicification 1	Car10; Sil01	med grey fine grain Lamp Dyke, Strong Cx, weak Sx veins.
69.91	73.15	Silicification 10; Carbonate 5; Chlorite 1	Sil10; Car05; Chl01	Med grey-white pinkish(carbonate), Quartz vein, strong Sx, moderate Cx, weak Chl, 2% disseminated and stringers of sulphides.
73.15	75.47	Carbonate 1; Chlorite 5; Silicification 1	Car01; Chl05; Sil01	med- dark grey, fine to medium grained mafic tuff with mafic fragments up to 2cm, weak pervasive Cx, moderate pervasive Chl, weak Sx veins.
75.47	89.08	Carbonate 3; Chlorite 1; Silicification 1	Car03; Chl01; Sil01	dark-light grey very fine-fine grain Variolitic mafic flow, weak-moderate Cx veins and variol infil, weak Sx veins, weak pervasive Chl.
89.08	91.03	Carbonate 1; Chlorite 1; Silicification 1	Car01; Chl01; Sil01	dark grey very fine grain Massive Mafic flow, weak Cx, weak pervasive Chl, weak Sx veins,

91.03	92.12	Carbonate 3; Chlorite 1; Silicification 1	Car03; Chl01; Sil01	dark-light grey very fine-fine grain Variolitic mafic flow, weak-moderate Cx veins and variol infil, weak Sx veins, weak pervasive Chl.
92.12	95.62	Carbonate 3; Chlorite 1; Silicification 1; Hematite 3	Car03; Chl01; Sil01; Hem03	dark-light grey very fine-fine grain Variolitic mafic flow, weak-moderate Cx veins and variol infil, weak Sx veins, weak pervasive Chl., weak to moderate pervasive Hematite alt.
95.62	102	Carbonate 3; Chlorite 1; Silicification 1; Hematite 1	Car03; Chl01; Sil01; Hem01	dark-light grey very fine-fine grain Variolitic mafic flow, weak-moderate Cx veins and variol infil, weak Sx veins, weak pervasive Chl. weak selectively pervasive hematite alt. EOH

Mineralization
Hole ID: 20HUR016
Date Logged: 21-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
10.85	10.89	Sulfides 1-2	Su1-2	1-2% disseminated sulphides.
22.67	23.89	Sulfides 1-2	Su1-2	1-2% disseminated sulphides.
25.3	25.95	Sulfides 2%	Su02	2% disseminated sulphides.
34.7	35.1	Sulfides .5-1	Su.5-1	.5-1% disseminated sulphides
37.42	37.45	Sulfides 5%	Su05	5% disseminated and stringers of sulphides
54.28	55.5	Sulfides 1-2	Su1-2	1-2% disseminated sulphides
69.61	73.15	Sulfides 5%	Su05	5% disseminated sulphides.
75.47	75.6	Sulfides 2%	Su02	2% disseminated sulphideds
92.12	95.62	Sulfides 1-2	Su1-2	1-2% disseminated sulphides vein associated.

Sample Log
Hole ID: 20HUR016
Date Logged: 21-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Length (m)	Sample ID	Cert No.
2.85	4	1.15	763075	A20-10860
4	5	1	763076	A20-10860
5	6	1	763077	A20-10860
6	7	1	763078	A20-10860
7	8	1	763079	A20-10860
8	9	1	763081	A20-10859
9	9.89	0.89	763082	A20-10859
9.89	11	1.11	763083	A20-10859
11	12	1	763084	A20-10859
12	13	1	763085	A20-10860
13	14	1	763086	A20-10860
14	15	1	763087	A20-10860
15	15.68	0.68	763088	A20-10860
15.68	16.25	0.57	763089	A20-10860
16.25	17	0.75	763090	A20-10860
17	18	1	763091	A20-10860
18	19	1	763092	A20-10860
19	20	1	763093	A20-10860
20	21	1	763094	A20-10860
21	22	1	763095	A20-10860
22	22.67	0.67	763096	A20-10860
22.67	23.89	1.22	763097	A20-10860
23.89	24.95	1.06	763098	A20-10860
24.95	26	1.05	763099	A20-10860
26	27	1	763101	A20-10860
27	28	1	763102	A20-10860
28	28.89	0.89	763103	A20-10860
28.89	29.41	0.52	763104	A20-10860
29.41	30.27	0.86	763105	A20-10860
30.27	31	0.73	763106	A20-10860
31	31.8	0.8	763107	A20-10860
31.8	33	1.2	763108	A20-10860
33	34	1	763109	A20-10860
34	35	1	763110	A20-10860
35	36	1	763111	A20-10860
36	37	1	763112	A20-10859

37	37.7	0.7	763113	A20-10859
37.7	38.85	1.15	763114	A20-10859
38.85	40	1.15	763115	A20-10859
40	41	1	763116	A20-10859
41	42	1	763117	A20-10860
42	43	1	763118	A20-10860
43	43.38	0.38	763119	A20-10860
43.38	44.04	0.66	763121	A20-10860
44.04	45	0.96	763122	A20-10860
45	46	1	763123	A20-10860
46	46.83	0.83	763124	A20-10860
46.83	48	1.17	763125	A20-10860
48	49	1	763126	A20-10860
49	49.71	0.71	763127	A20-10860
49.71	50.85	1.14	763128	A20-10860
50.85	52.1	1.25	763129	A20-10860
52.1	53.28	1.18	763130	A20-10860
53.28	54.39	1.11	763131	A20-10860
54.39	55.32	0.93	763132	A20-10860
55.32	56	0.68	763133	A20-10860
56	57	1	763134	A20-10860
57	58	1	763135	A20-10860
58	59	1	763136	A20-10860
59	60	1	763137	A20-10860
60	61	1	763138	A20-10860
61	62	1	763139	A20-10860
62	63	1	763141	A20-10860
63	64	1	763142	A20-10860
64	65	1	763143	A20-10860
65	66	1	763144	A20-10860
66	67	1	763145	A20-10859
67	68	1	763146	A20-10859
68	68.78	0.78	763147	A20-10859
68.78	69.61	0.83	763148	A20-10859
69.61	70.51	0.9	763149	A20-10859
70.51	71.24	0.73	763150	A20-10859
71.24	72	0.76	763151	A20-10859
72	73.15	1.15	763152	A20-10859
73.15	73.95	0.8	763153	A20-10859
73.95	74.76	0.81	763154	A20-10859
74.76	75.47	0.71	763155	A20-10859

75.47	76.18	0.71	763156	A20-10859
76.18	77	0.82	763157	A20-10859
77	78	1	763158	A20-10859
78	79	1	763159	A20-10859
79	80	1	763161	A20-10860
80	81	1	763162	A20-10860
81	82	1	763163	A20-10860
82	83	1	763164	A20-10860
83	84	1	763165	A20-10860
84	85	1	763166	A20-10860
85	86	1	763167	A20-10860
86	87	1	763168	A20-10860
87	88	1	763169	A20-10860
88	89.09	1.09	763170	A20-10860
89.09	90	0.91	763171	A20-10860
90	91.03	1.03	763172	A20-10860
91.03	92.12	1.09	763173	A20-10860
92.12	93	0.88	763174	A20-10859
93	93.8	0.8	763175	A20-10859
93.8	94.65	0.85	763176	A20-10859
94.65	95.62	0.97	763177	A20-10859
95.62	96.7	1.08	763178	A20-10860
96.7	97.8	1.1	763179	A20-10860
97.8	98.9	1.1	763181	A20-10860
98.9	100	1.1	763182	A20-10860
100	101	1	763183	A20-10860
101	102	1	763184	A20-10860

Hole ID:	20HUR017	**Datum/Projection:**	NAD 83 Zone 15
Project:	Huronian	**UTM North:**	5378870
Claim/Patent #	PAT-15492	**UTM East:**	664574
Township:	Moss Lake	**Dip:**	-45
		Azimuth:	110.3
Start Date:	17-Aug-20	**Drill Company:**	Chibougamau Diamond Drilling ltd
End Date:	18-Aug-20	**Core Size:**	NQ
EOH Depth:	120.47 m	**Storage Location:**	Huronian
Drill Comments:			

Main Lithology
Hole ID: 20HUR017
Date Logged: 21-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
0	3	Overburden (Unsubdivided)	15	Casing
3	5.55	Massive lava Mafic flows (unsubdivided)	2a	med-dark grey fine grain Massive Mafic flow, no foliation, weak Cx veins, weak Sx veins, weak pervasive Chl.
5.55	6.15	Lamprophyre Dyke (unsubdivided)	14c	dark grey-reddish, very fine to medium grain Lamp Dyke Strong Cx,
6.15	16	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic tuff, none to weak foliation, weak Variols, weak-moderate Cx veins/selectively pervasive(flooding), Weak Sx veins, moderate pervasive Chl.
16	19.22	Quartz Vein	QTZ	med grey- light grey, fine grain massive Quartz vein, Veins and flooding strong Sx, weakCx veins, 3% disseminated Sulphides(Py/Po).
19.22	33.48	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic tuff, none to weak foliation, weak Variols, weak-moderate Cx veins/selectively pervasive(flooding), Weak Sx veins, moderate pervasive Chl.
33.48	48	Variolitic lava Mafic flows	2aa	dark grey- light grey, very fine grain to fine grain, Variolitic mafic flow, Variols up to 1cm wide, Cx veins and infil moderate, moderate selectively pervasive Chl, weak-moderate Sx veins,
48	55.49	Massive lava Mafic flows (unsubdivided)	2a	med-dark grey fine grain Massive Mafic flow, no foliation, weak Cx veins, weak Sx veins, weak pervasive Chl.
55.49	59.2	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic tuff, none to weak foliation, weak small scale variols, weak-moderate Cx veins, Weak Sx veins, moderate pervasive Chl.
59.2	61.18	Massive lava Mafic flows (unsubdivided)	2a	med-dark grey fine grain Massive Mafic flow, no foliation, weak Cx veins, weak Sx veins, weak pervasive Chl.
61.18	61.74	Syenite	10ad	med grey-red, fine grain Syenite, stronmg Cx, weak Sx veins, 2% sulphides.
61.74	70.79	Massive lava Mafic flows (unsubdivided)	2a	med-dark grey fine grain Massive Mafic flow, no foliation, weak Cx veins, weak Sx veins, weak pervasive Chl.

70.79	71.92	Lamprophyre Dyke (unsubdivided)	14c	dark grey-reddish, very fine to medium grain Lamp Dyke Strong Cx,
71.92	73.55	Massive lava Mafic flows (unsubdivided)	2a	med-dark grey fine grain Massive Mafic flow, no foliation, weak Cx veins, weak Sx veins, weak pervasive Chl.
73.55	74.08	Variolitic lava Mafic flows	2aa	dark grey- light grey, very fine grain to fine grain, Variolitic mafic flow, Variols up to 1cm wide, Cx veins and infil moderate, moderate pervasive Sx veins,
74.08	83	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic tuff, none to weak foliation, weak small scale variols,moderate pervasive Cx, Weak Sx veins, moderate pervasive Chl.
83	90	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic tuff, none to weak foliation, weak small scale variols, weak-moderate Cx veins, Weak Sx veins, moderate pervasive Chl.
90	94.93	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic tuff, weak-moderate brecciation, weak foliation, weak small scale variols, moderate Cx veins, Weak Sx veins, moderate pervasive Chl.
94.93	96.37	Variolitic lava Mafic flows	2aa	dark grey- light grey, very fine grain to fine grain, Variolitic mafic flow, Variols up to 1cm wide, Cx veins and infil moderate, moderate selectively pervasive Chl, weak-moderate Sx veins,
96.37	100.16	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic tuff, weak foliation, weak small scale variols, moderate Cx veins, Weak Sx veins, moderate pervasive Chl.
100.16	104.54	Variolitic lava Mafic flows	2aa	dark grey- light grey, very fine grain to fine grain, Variolitic mafic flow, Variols up to 1cm wide, Cx veins and infil moderate, moderate selectively pervasive Chl, weak-moderate Sx veins,
104.54	105.54	Massive lava Mafic flows (unsubdivided)	2a	med-dark grey fine grain Massive Mafic flow, no foliation, weak Cx veins, weak Sx veins, weak pervasive Chl.
105.54	112.23	Variolitic lava Mafic flows	2aa	dark grey- light grey, very fine grain to fine grain, Variolitic mafic flow, Variols up to 1cm wide, Cx veins and infil moderate, moderate selectively pervasive Chl, weak-moderate Sx veins,
112.23	113.18	Massive lava Mafic flows (unsubdivided)	2a	med-dark grey fine grain Massive Mafic flow, no foliation, weak Cx veins, weak Sx veins, weak pervasive Chl.

113.18	116.14	Variolitic lava Mafic flows	2aa	dark grey- light grey, very fine grain to fine grain, Variolitic mafic flow, Variols up to 1cm wide, Cx veins and infil moderate, moderate selectively pervasive Chl, weak-moderate Sx veins,
116.14	120.47	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic tuff, weak foliation, weak small scale variols, moderate Cx veins, Weak Sx veins, moderate pervasive Chl.

Veining
Hole ID: 20HUR017
Date Logged: 21-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Descriptive element	Gangue	Vein	Angle	Minerals	Description
16	19.22	Quartz-Calcite 75% Sulfides 3%	75%				Su03	large Qz/Cx vein 3% disseminated sulphides.
31.8	31.94	Quartz-Calcite 40%	40%					Qz/Cx flooding
32.06	33.04	Quartz-Calcite 40% Sulfides 3%	40%				Su03	Qz/Cx flooding, 3% disseminated sulphides associated with veins.
33.42	33.44	Quartz-Calcite 40% Sulfides 1%	40%				Su01	Qz/Cx vein 1% sulphides.
45.5	45.64	Quartz-Calcite 50% Sulfides 1%	50%				Su01	Qz/Cx vein 1% sulphides.
61.26	61.28	Quartz-Calcite 70% 35° Sulfides 2%	0.7			35°	Su02	small Qxz/Cx vein 2% sulphides.
61.58	61.6	Quartz-Calcite 70% 35° Sulfides 2%	0.7			35°	Su02	small Qz/Cx vein 2% sulphides.
78.66	78.87	Quartz-Calcite 75% Sulfides 3%	0.75				Su03	Qz/Cx vein 3% sulphides.
80	80.18	Quartz-Calcite 45% Sulfides 1%	0.45				Su01	Qz/Cx vein 1% sulphides
82.04	82.75	Quartz-Calcite 65% Sulfides 3%	0.65				Su03	Qz/Cx vein/flooding 3% sulphides.

85.19	85.38	Quartz-Calcite 60%	0.6			Qz/Cx vein no visible mineralization.
87.73	87.93	Quartz-Calcite 60%	0.6			Qz/Cx vein no visible mineralization.
92.81	92.98	Quartz-Calcite 40%	0.4			Qz/Cx vein no visible mineralization.
96.96	97.06	Quartz-Calcite 40% Sulfides 1%	0.4		Su01	Qz/Cx vein 1% sulphides
97.56	97.82	Quartz-Calcite 50% Sulfides 0.5%	0.5		Su00.5	Qz/Cx vein .5% sulphides
98.25	98.35	Quartz-Calcite 60% Sulfides 1%	0.6		Su01	Qz/Cx vein 1% ery fine disseminated sulphides.
103.27	103.39	Quartz-Calcite 75% Sulfides 0.5%	0.75		Su00.5	Cx/Qz vein .5% sulphides.
109.45	110	Quartz-Calcite 45% 15° Sulfides 0.5%	0.45	15°	Su00.5	Qz/Cx vein running 15 degrees tca .5% sulphides.

Alteration
Hole ID: 20HUR017
Date Logged: 21-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
2.9	5.55	Carbonate 1; Chlorite 1; Silicification 1	Car01; Chl01; Sil01	med-dark grey fine grain Massive Mafic flow, no foliation, weak Cx veins, weak Sx veins, weak pervasive Chl.
5.55	6.15	Carbonate 10	Car10	dark grey-reddish, very fine to medium grain Lamp Dyke Strong Cx,
6.15	16	Carbonate 3; Chlorite 5; Silicification 1	Car03; Chl05; Sil01	med-dark grey fine grain, Mafic tuff, none to weak foliation, weak Variols, weak-moderate Cx veins/selectively pervasive(flooding), Weak Sx veins, moderate pervasive Chl.

16	19.22	Silicification 10; Carbonate 1	Sil10; Car01	med grey- light grey, fine grain massive Quartz vein, Veins and flooding strong Sx, weakCx veins, 3% disseminated Sulphides(Py/Po).
19.22	33.48	Carbonate 3; Chlorite 5; Silicification 1	Car03; Chl05; Sil01	med-dark grey fine grain, Mafic tuff, none to weak foliation, weak Variols, weak-moderate Cx veins/selectively pervasive(flooding), Weak Sx veins, moderate pervasive Chl.
33.48	48	Carbonate 5; Chlorite 5; Silicification 3	Car05; Chl05; Sil03	dark grey- light grey, very fine grain to fine grain, Variolitic mafic flow, Variols up to 1cm wide, Cx veins and infil moderate, moderate selectively pervasive Chl, weak-moderate Sx veins,
48	55.49	Carbonate 1; Chlorite 1; Silicification 1	Car01; Chl01; Sil01	med-dark grey fine grain Massive Mafic flow, no foliation, weak Cx veins, weak Sx veins, weak pervasive Chl.
55.49	59.2	Carbonate 3; Chlorite 5; Silicification 1	Car03; Chl05; Sil01	med-dark grey fine grain, Mafic tuff, none to weak foliation, weak small scale variols, weak-moderate Cx veins, Weak Sx veins, moderate pervasive Chl.
59.2	61.18	Carbonate 1; Chlorite 1; Silicification 1	Car01; Chl01; Sil01	med-dark grey fine grain Massive Mafic flow, no foliation, weak Cx veins, weak Sx veins, weak pervasive Chl.
61.18	61.74	Carbonate 10; Silicification 1	Car10; Sil01	med grey-red, fine grain Syenite, stronmg Cx, weak Sx veins, 2% sulphides.
61.74	71.92	Carbonate 1; Chlorite 1; Silicification 1	Car01; Chl01; Sil01	med-dark grey fine grain Massive Mafic flow, no foliation, weak Cx veins, weak Sx veins, weak pervasive Chl.
71.92	73.55	Carbonate 1; Chlorite 1; Silicification 1	Car01; Chl01; Sil01	med-dark grey fine grain Massive Mafic flow, no foliation, weak Cx veins, weak Sx veins, weak pervasive Chl.
73.55	74.08	Carbonate 5; Silicification 5	Car05; Sil05	dark grey- light grey, very fine grain to fine grain, Variolitic mafic flow, Variols up to 1cm wide, Cx veins and infil moderate, , moderate pervasive Sx veins,

74.08	83	Carbonate 5; Chlorite 5; Silicification 1	Car05; Chl05; Sil01	med-dark grey fine grain, Mafic tuff, none to weak foliation, weak small scale variols,moderate pervasive Cx, Weak Sx veins, moderate pervasive Chl.
83	90	Carbonate 3; Chlorite 5; Silicification 1	Car03; Chl05; Sil01	med-dark grey fine grain, Mafic tuff, none to weak foliation, weak small scale variols, weak-moderate Cx veins, Weak Sx veins, moderate pervasive Chl.
90	94.93	Carbonate 5; Chlorite 5; Silicification 1	Car05; Chl05; Sil01	med-dark grey fine grain, Mafic tuff, weak-moderate brecciation, weak foliation, weak small scale variols, moderate Cx veins, Weak Sx veins, moderate pervasive Chl.
94.93	96.37	Carbonate 5; Chlorite 5; Silicification 3	Car05; Chl05; Sil03	dark grey- light grey, very fine grain to fine grain, Variolitic mafic flow, Variols up to 1cm wide, Cx veins and infil moderate, moderate selectively pervasive Chl, weak-moderate Sx veins,
96.37	100.16	Carbonate 5; Chlorite 5; Silicification 1	Car05; Chl05; Sil01	med-dark grey fine grain, Mafic tuff, weak foliation, weak small scale variols, moderate Cx veins, Weak Sx veins, moderate pervasive Chl.
100.16	104.54	Carbonate 5; Chlorite 5; Silicification 3	Car05; Chl05; Sil03	dark grey- light grey, very fine grain to fine grain, Variolitic mafic flow, Variols up to 1cm wide, Cx veins and infil moderate, moderate selectively pervasive Chl, weak-moderate Sx veins,
104.54	105.54	Carbonate 1; Chlorite 1; Silicification 1	Car01; Chl01; Sil01	med-dark grey fine grain Massive Mafic flow, no foliation, weak Cx veins, weak Sx veins, weak pervasive Chl.
105.54	112.23	Carbonate 5; Chlorite 5; Silicification 3	Car05; Chl05; Sil03	dark grey- light grey, very fine grain to fine grain, Variolitic mafic flow, Variols up to 1cm wide, Cx veins and infil moderate, moderate selectively pervasive Chl, weak-moderate Sx veins,

112.23	113.18	Carbonate 1; Chlorite 1; Silicification 1	Car01; Chl01; Sil01	med-dark grey fine grain Massive Mafic flow, no foliation, weak Cx veins, weak Sx veins, weak pervasive Chl.
113.18	116.14	Carbonate 5; Chlorite 5; Silicification 3	Car05; Chl05; Sil03	dark grey- light grey, very fine grain to fine grain, Variolitic mafic flow, Variols up to 1cm wide, Cx veins and infil moderate, moderate selectively pervasive Chl, weak-moderate Sx veins,
116.14	120.47	Carbonate 5; Chlorite 5; Silicification 1	Car05; Chl05; Sil01	med-dark grey fine grain, Mafic tuff, weak foliation, weak small scale variols, moderate Cx veins, Weak Sx veins, moderate pervasive Chl.

Mineralization
Hole ID: 20HUR017
Date Logged: 21-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
16	19.22	Sulfides 3%	Su03	3% disseminated
32.06	33.04	Sulfides 3%	Su03	3% disseminated.
43.5	43.7	Sulfides 1%	Su01	1% disseminated sulphides vein associatted.
45.5	45.64	Sulfides 2-3	Su2-3	2-3% disseminated sulphides
61.18	61.74	Sulfides 1-2	Su1-2	1-2% disseminated.
71.92	72.15	Sulfides 1%	Su01	1% disseminated vein associated sulphides.
75.1	75.12	Sulfides 2%	Su02	2% sulphide stringers
78.66	78.87	Sulfides 3%	Su03	3% disseminated sulphides
79.1	80.7	Sulfides 1%	Su01	1% stringers of sulphides
82.04	82.75	Sulfides 3%	Su03	3% disseminated sulphides
96.96	99	Sulfides 1-2	Su1-2	1-2% disseminated
109.45	110	Sulfides 0.5%	Su00.5	.5% disseminated sulphides

Sample Log
Hole ID: 20HUR017
Date Logged: 21-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Length (m)	Sample ID	Cert No.
3	4	1	763185	A20-10891
4	4.85	0.85	763186	A20-10891
4.85	5.55	0.7	763187	A20-10891
5.55	6.15	0.6	763188	A20-10891
6.15	7	0.85	763189	A20-10891
7	8	1	763190	A20-10891
8	9	1	763191	A20-10891
9	10	1	763192	A20-10891
10	11	1	763193	A20-10891
11	12	1	763194	A20-10891
12	13	1	763195	A20-10891
13	14	1	763196	A20-10891
14	15	1	763197	A20-10891
15	16	1	763198	A20-10890
16	16.7	0.7	763199	A20-10890
16.7	17.4	0.7	763201	A20-10890
17.4	18.18	0.78	763202	A20-10890
18.18	19.22	1.04	763203	A20-10890
19.22	20	0.78	763204	A20-10890
20	21	1	763205	A20-10890
21	22	1	763206	A20-10890
22	23	1	763207	A20-10891
23	24	1	763208	A20-10891
24	25	1	763209	A20-10891
25	26	1	763210	A20-10891
26	27	1	763211	A20-10891
27	28	1	763212	A20-10891
28	28.97	0.97	763213	A20-10891
28.97	30	1.03	763214	A20-10891
30	31.12	1.12	763215	A20-10891
31.12	32.06	0.94	763216	A20-10890
32.06	33.04	0.98	763217	A20-10890
33.04	33.48	0.44	763218	A20-10890
33.48	34.6	1.12	763219	A20-10890
34.6	35.7	1.1	763221	A20-10890
35.7	36.83	1.13	763222	A20-10890

36.83	38	1.17	763223	A20-10891
38	39	1	763224	A20-10891
39	40	1	763225	A20-10891
40	41	1	763226	A20-10891
41	42	1	763227	A20-10891
42	43	1	763228	A20-10891
43	44	1	763229	A20-10891
44	45	1	763230	A20-10891
45	45.7	0.7	763231	A20-10891
45.7	46.85	1.15	763232	A20-10891
46.85	48	1.15	763233	A20-10891
48	49	1	763234	A20-10891
49	50	1	763235	A20-10891
50	51	1	763236	A20-10891
51	52	1	763237	A20-10891
52	53	1	763238	A20-10891
53	54	1	763239	A20-10891
54	54.74	0.74	763241	A20-10891
54.74	55.49	0.75	763242	A20-10891
55.49	56.38	0.89	763243	A20-10891
56.38	57.33	0.95	763244	A20-10891
57.33	58.3	0.97	763245	A20-10891
58.3	59.2	0.9	763246	A20-10891
59.2	60.2	1	763247	A20-10891
60.2	61.18	0.98	763248	A20-10891
61.18	61.74	0.56	763249	A20-10891
61.74	62.7	0.96	763250	A20-10891
62.7	63.74	1.04	763251	A20-10891
63.74	64.7	0.96	763252	A20-10891
64.7	65.82	1.12	763253	A20-10891
65.82	66.7	0.88	763254	A20-10891
66.7	67.75	1.05	763255	A20-10891
67.75	68.2	0.45	763256	A20-10891
68.2	69.77	1.57	763257	A20-10891
69.77	70.79	1.02	763258	A20-10891
70.79	71.92	1.13	763259	A20-10891
71.92	72.74	0.82	763261	A20-10891
72.74	73.35	0.61	763262	A20-10891
73.35	74.08	0.73	763263	A20-10891
74.08	75	0.92	763264	A20-10890
75	75.7	0.7	763265	A20-10890

75.7	76.5	0.8	763266	A20-10890
76.5	77.2	0.7	763267	A20-10890
77.2	78	0.8	763268	A20-10890
78	79	1	763269	A20-10890
79	80	1	763270	A20-10890
80	81	1	763271	A20-10890
81	82	1	763272	A20-10890
82	82.75	0.75	763273	A20-10890
82.75	83.48	0.73	763274	A20-10890
83.48	84.29	0.81	763275	A20-10890
84.29	85	0.71	763276	A20-10890
85	86	1	763277	A20-10890
86	87	1	763278	A20-10890
87	88	1	763279	A20-10890
88	89	1	763281	A20-10890
89	90	1	763282	A20-10890
90	91	1	763283	A20-10890
91	92	1	763284	A20-10890
92	93	1	763285	A20-10890
93	94	1	763286	A20-10890
94	94.93	0.93	763287	A20-10890
95.62	96.37	0.75	763289	A20-10890
96.37	97.08	0.71	763290	A20-10890
97.08	98	0.92	763291	A20-10891
98	99	1	763292	A20-10891
99	100.16	1.16	763293	A20-10891
100.16	101	0.84	763294	A20-10891
101	102	1	763295	A20-10891
102	103	1	763296	A20-10891
103	103.75	0.75	763297	A20-10891
103.75	104.54	0.79	763298	A20-10891
104.54	105.54	1	763299	A20-10891
105.54	106.64	1.1	763301	A20-10891
106.64	107.45	0.81	763302	A20-10891
107.45	108.45	1	763303	A20-10891
108.45	109.45	1	763304	A20-10891
109.45	110	0.55	763305	A20-10891
110	111	1	763306	A20-10891
111	112	1	763307	A20-10891
112	113.18	1.18	763308	A20-10891
113.18	114	0.82	763309	A20-10891

114	115	1	763310	A20-10891
115	116.14	1.14	763311	A20-10891
116.14	117	0.86	763312	A20-10891
117	118.15	1.15	763313	A20-10891
118.15	119.35	1.2	763314	A20-10891
119.35	120.43	1.08	763315	A20-10891

Hole ID:	20HUR018	**Datum/Projection:**	NAD 83 Zone 15
Project:	Huronian	**UTM North:**	5378350
Claim/Patent #	321602 & PAT-15492	**UTM East:**	664062
Township:	Moss Lake	**Dip:**	-51
		Azimuth:	288.8
Start Date:	19-Aug-20	**Drill Company:**	Chibougamau Diamond Drilling ltd
End Date:	12-Aug-20	**Core Size:**	NQ
EOH Depth:	111 m	**Storage Location:**	Huronian
Drill Comments:			

Main Lithology
Hole ID: 20HUR018
Date Logged: 22-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
0	18	Overburden (Unsubdivided)	15	18m of Casing
18	26.15	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic Tuff, mafic fragments up to 3mm long, weak foliation, weak to moderate Cx veins, weak Sx veins, moderate pervasive Chl.
26.15	27	Tuff Intermediate (unsubdivided)	3b	med grey fine grain Intermediat tuff, Sharp upper contact, weak to no foliation, weak pervasive Cx, moderate pervasive Chl, weak Sx veins.
27	40.29	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic Tuff, mafic fragments up to 3mm long, weak to moderate foliation, weak to moderate Cx veins, weak Sx veins, moderate pervasive Chl.
40.29	43.6	Tuff Mafic (unsubdivided); Iron formation (unsubdivided)	2c; 6c	med-dark grey fine grain, Mafic Tuff with bands of iron formation, mafic fragments up to 3mm long, moderate foliation, weak to moderate Cx veins, weak Sx veins, moderate pervasive Chl.
43.6	44.25	Tuff Intermediate (unsubdivided)	3b	med grey fine grain Intermediat tuff, weak upper and lower contacts, Alteration halo around large QTZ vein, moderate foliation, weak-moderate pervasive Cx, moderate pervasive Chl, weak-moderate Sx veins
44.25	50	Quartz Vein	QTZ	light grey-white mineralized Quartz vein, weak foliation, 5-10% sulphides (Py/Po most common aslo 2-3% Chalco, 5% Galena,)
50	56.18	Tuff Intermediate (unsubdivided)	3b	med grey fine grain Intermediat tuff, weak upper and lower contacts, Alteration halo around large QTZ vein, moderate foliation, weak-moderate pervasive Cx, moderate pervasive Chl, weak-moderate Sx veins
56.18	59	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic Tuff, mafic fragments up to 3mm long, weak to moderate foliation, weak to moderate Cx veins, weak Sx veins, moderate pervasive Chl.

59	70.74	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic Tuff, Sheared, mafic fragments up to 3mm long, moderate-strong foliation, moderate Cx veins, weak-moderate Sx veins, moderate pervasive Chl. weak Selectively pervasive Mt in bands of 6c.
70.74	71.75	Variolitic lava Mafic flows	2aa	dark-light grey very fine grain, Variolitic mafic flow, weak-moderate Cx veins and variol infil, weak pervasive Chl.
71.75	89	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic Tuff, mafic fragments up to 3mm long, moderate-strong foliation, moderate Cx veins, weak-moderate Sx veins, moderate pervasive Chl.
89	95.36	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic Tuff, strong shearing, mafic fragments up to 3mm long, moderate-strong foliation, moderate Cx veins, weak-moderate Sx veins, moderate pervasive Chl.
95.36	99.08	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic Tuff, moderate shearing, mafic fragments up to 3mm long, moderate-strong foliation, moderate Cx veins, weak-moderate Sx veins, moderate pervasive Chl.
99.08	100.11	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic Tuff, weakly Sheared, mafic fragments up to 3mm long, moderate-strong foliation, moderate Cx veins, weak-moderate Sx veins, moderate pervasive Chl.
100.11	103.83	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain, Mafic Tuff, modereate shearing, mafic fragments up to 3mm long, moderate-strong foliation, moderate Cx veins, weak-moderate Sx veins, moderate pervasive Chl.
103.83	111	Massive lava Mafic flows (unsubdivided)	2a	med-dark grey fine grain massive Mafic flow, weak foliation, weak selectively pervasive variols up to 1cm wide, moderate Cx, weak Sx veins, moderate pervasive Chl. EOH

Structure
Hole ID: 20HUR018
Date Logged: 22-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From	To	Title	Summary	Description	Angle

59	62.81	Shear50 25°	SHR50	moderate Sheared mafic Tuff, shearing at 25 degrees TCA	25
89	95.36	Shear80 25°	SHR80	Shear zone strong shearing at 25dergrees to core axis.	25
100.11	100.2	Folded	FOLD	fold	

Veining
Hole ID: 20HUR018
Date Logged: 22-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Type	Descriptive element	Gangue	Vein	Angle	Minerals	Description
44.25	50	Quartz-Vein 80% Pyrite 10% Pyrrhotite 10% Chalcopyrite 3% Galene 5%	QV	80%				Py10 Po10 Cp03 Gn05	large Qtz vein
70.06	70.11	Quartz-Calcite 60%	QC	60%					Qz vein red in colour, Hematitre alt.
70.3	70.39	Quartz-Calcite 60% Sulfides 3%	QC	60%				Su03	reddish Qz/cx vein
102.08	102.3	Quartz-Calcite 60% Sulfides 2%	QC	60%				Su02	Qz/Cx vein 2% sulphides.
103.42	103.68	Quartz-Calcite 70% Sulfides 3-5	QC	70%				Su3-5	Qz/Cx vein 3-5% sulphides

Alteration
Hole ID: 20HUR018
Date Logged: 22-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description

18	26.15	Carbonate 3; Chlorite 5; Silicification 1	Car03; Chl05; Sil01	med-dark grey fine grain, Mafic Tuff, mafic fragments up to 3mm long, weak foliation, weak to moderate Cx veins, weak Sx veins, moderate pervasive Chl.
26.15	27	Carbonate 1; Chlorite 5; Silicification 1	Car01; Chl05; Sil01	med grey fine grain Intermediat tuff, Sharp upper contact, weak to no foliation, weak pervasive Cx, moderate pervasive Chl, weak Sx veins.
27	40.29	Carbonate 3; Chlorite 5; Silicification 1	Car03; Chl05; Sil01	med-dark grey fine grain, Mafic Tuff, mafic fragments up to 3mm long, weak to moderate foliation, weak to moderate Cx veins, weak Sx veins, moderate pervasive Chl.
40.29	43.6	Carbonate 3; Chlorite 5; Silicification 1; Magnetite 3	Car03; Chl05; Sil01; MAG03	med-dark grey fine grain, Mafic Tuff with bands of iron formation, mafic fragments up to 3mm long, moderate foliation, weak to moderate Cx veins, weak Sx veins, moderate pervasive Chl.
43.6	44.25	Carbonate 3; Chlorite 5; Silicification 3	Car03; Chl05; Sil03	med grey fine grain Intermediat tuff, weak upper and lower contacts, Alteration halo around large QTZ vein, moderate foliation, weak-moderate pervasive Cx, moderate pervasive Chl, weak-moderate Sx veins
44.25	50	Silicification 10	Sil10	light grey-white mineralized Quartz vein, weak foliation, 5-10% sulphides (Py/Po most common aslo 2-3% Chalco, 5% Galena,)
50	56.18	Carbonate 3; Chlorite 5; Silicification 3	Car03; Chl05; Sil03	med grey fine grain Intermediat tuff, weak upper and lower contacts, Alteration halo around large QTZ vein, moderate foliation, weak-moderate pervasive Cx, moderate pervasive Chl, weak-moderate Sx veins
56.18	59	Carbonate 3; Chlorite 5; Silicification 1	Car03; Chl05; Sil01	med-dark grey fine grain, Mafic Tuff, mafic fragments up to 3mm long, weak to moderate foliation, weak to moderate Cx veins, weak Sx veins, moderate pervasive Chl.

59	70.74	Carbonate 5; Chlorite 5; Silicification 3; Magnetite 1	Car05; Chl05; Sil03; MAG01	med-dark grey fine grain, Mafic Tuff, Sheared, mafic fragments up to 3mm long, moderate-strong foliation, moderate Cx veins, weak-moderate Sx veins, moderate pervasive Chl. weak Selectively pervasive Mt in bands of 6c.
70.74	71.75	Carbonate 3; Chlorite 1	Car03; Chl01	dark-light grey very fine grain, Variolitic mafic flow, weak-moderate Cx veins and variol infil, weak pervasive Chl.
71.75	89	Carbonate 5; Chlorite 5; Silicification 3	Car05; Chl05; Sil03	med-dark grey fine grain, Mafic Tuff, mafic fragments up to 3mm long, moderate-strong foliation, moderate Cx veins, weak-moderate Sx veins, moderate pervasive Chl.
89	95.36	Carbonate 5; Silicification 1; Chlorite 5	Car05; Sil01; Chl05	med-dark grey fine grain, Mafic Tuff, strong shearing, mafic fragments up to 3mm long, moderate-strong foliation, moderate Cx veins, weak-moderate Sx veins, moderate pervasive Chl.
95.36	99.08	Carbonate 5; Chlorite 5; Silicification 3	Car05; Chl05; Sil03	med-dark grey fine grain, Mafic Tuff, moderate shearing, mafic fragments up to 3mm long, moderate-strong foliation, moderate Cx veins, weak-moderate Sx veins, moderate pervasive Chl.
99.08	100.11	Carbonate 5; Chlorite 5; Silicification 3	Car05; Chl05; Sil03	med-dark grey fine grain, Mafic Tuff, weakly Sheared, mafic fragments up to 3mm long, moderate-strong foliation, moderate Cx veins, weak-moderate Sx veins, moderate pervasive Chl.
100.11	103.83	Carbonate 5; Chlorite 5; Silicification 3	Car05; Chl05; Sil03	med-dark grey fine grain, Mafic Tuff, modereate shearing, mafic fragments up to 3mm long, moderate-strong foliation, moderate Cx veins, weak-moderate Sx veins, moderate pervasive Chl.

103.83	111	Carbonate 5; Chlorite 5; Silicification 1	Car05; Chl05; Sil01	med-dark grey fine grain massive Mafic flow, weak foliation, weak selectively pervasive variols up to 1cm wide, moderate Cx, weak Sx veins, moderate pervasive Chl. EOH

Mineralization
Hole ID: 20HUR018
Date Logged: 22-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
40.29	43.6	Sulfides 2%; Magnetite 5%	Su02; Mt05	2% disseminated sulphides. 5% Mt in bands of iron formation
44.25	50	Sulfides 10%; Galene 5%; Chalcopyrite 2%	Su10; Gn05; Cp02	10% disseminated and veins of sulphides, disseminated Chalco and Galena
61.7	62.2	Sulfides 1%	Su01	1% sulphiudes.
69	70.39	Sulfides 1%	Su01	1% disseminated sulphides.
101	102.68	Sulfides 1-3	Su1-3	1-3% sulphides up to 5% within Qz/Cx veins.

Sample Log
Hole ID: 20HUR018
Date Logged: 22-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Length (m)	Sample ID	Cert No.
18	19	1	763316	A20-10889
19	20	1	763317	A20-10889
20	21	1	763318	A20-10889
21	22	1	763319	A20-10889
22	23	1	763321	A20-10889
23	24	1	763322	A20-10889
24	25	1	763323	A20-10889
25	26.15	1.15	763324	A20-10889
26.15	27	0.85	763325	A20-10889
27	28	1	763326	A20-10889
28	29	1	763327	A20-10889
29	30	1	763328	A20-10889
30	31	1	763329	A20-10889
31	32	1	763330	A20-10889
32	33	1	763331	A20-10889
33	34.05	1.05	763332	A20-10889
34.05	35	0.95	763333	A20-10889
35	36	1	763334	A20-10889
36	37	1	763335	A20-10889
37	38	1	763336	A20-10889
38	39.15	1.15	763337	A20-10889
39.15	40.29	1.14	763338	A20-10889
40.29	41.35	1.06	763339	A20-10887
41.35	42.5	1.15	763341	A20-10887
42.5	43.6	1.1	763342	A20-10887
43.6	44.25	0.65	763343	A20-10887
44.25	45	0.75	763344	A20-10887
45	45.7	0.7	763345	A20-10887
45.7	46.4	0.7	763346	A20-10887
46.4	47.13	0.73	763347	A20-10887
47.13	48	0.87	763348	A20-10887
48	48.91	0.91	763349	A20-10887
48.91	50	1.09	763350	A20-10887
50	51	1	763351	A20-10887
51	52	1	763352	A20-10887
52	53	1	763353	A20-10887

53	54	1	763354	A20-10887
54	55	1	763355	A20-10889
55	56.18	1.18	763356	A20-10889
56.18	57.16	0.98	763357	A20-10889
57.16	58.11	0.95	763358	A20-10889
58.11	59	0.89	763359	A20-10889
59	60	1	763361	A20-10889
60	61	1	763362	A20-10889
61	62	1	763363	A20-10889
62	62.81	0.81	763364	A20-10889
62.81	63.87	1.06	763365	A20-10889
63.87	64.9	1.03	763366	A20-10889
64.9	66	1.1	763367	A20-10889
66	67	1	763368	A20-10889
67	68	1	763369	A20-10889
68	69	1	763370	A20-10889
69	69.85	0.85	763371	A20-10887
69.85	70.74	0.89	763372	A20-10887
70.74	71.75	1.01	763373	A20-10887
71.75	72.85	1.1	763374	A20-10887
72.85	73.95	1.1	763375	A20-10887
73.95	75	1.05	763376	A20-10889
75	76	1	763377	A20-10889
76	77	1	763378	A20-10889
77	78	1	763379	A20-10889
78	79	1	763381	A20-10889
79	80	1	763382	A20-10889
80	81	1	763383	A20-10889
81	82	1	763384	A20-10889
82	83	1	763385	A20-10889
83	84	1	763386	A20-10889
84	85	1	763387	A20-10889
85	86	1	763388	A20-10889
86	87	1	763389	A20-10889
87	88	1	763390	A20-10889
88	89	1	763391	A20-10889
89	90	1	763392	A20-10889
90	91	1	763393	A20-10889
91	92	1	763394	A20-10889
92	93	1	763395	A20-10889
93	94.18	1.18	763396	A20-10889

94.18	95.36	1.18	763397	A20-10889
95.36	96.16	0.8	763398	A20-10889
96.16	97	0.84	763399	A20-10889
97	98	1	763401	A20-10889
98	99.08	1.08	763402	A20-10889
99.08	100.11	1.03	763403	A20-10889
100.11	101	0.89	763404	A20-10889
101	102	1	763405	A20-10889
102	102.8	0.8	763406	A20-10889
102.8	103.83	1.03	763407	A20-10889
103.83	104.9	1.07	763408	A20-10889
104.9	106	1.1	763409	A20-10889
106	107	1	763410	A20-10889
107	108	1	763411	A20-10889
108	109	1	763412	A20-10889
109	110	1	763413	A20-10889
110	111	1	763414	A20-10889

Hole ID:	20HUR019	**Datum/Projection:**	NAD 83 Zone 15
Project:	Huronian	**UTM North:**	5378350
Claim/Patent #	321602 & PAT-15492	**UTM East:**	664062
Township:	Moss Lake	**Dip:**	-58
		Azimuth:	290.1
Start Date:	20-Aug-20	**Drill Company:**	Chibougamau Diamond Drilling ltd
End Date:	21-Aug-20	**Core Size:**	NQ
EOH Depth:	102 m	**Storage Location:**	Huronian
Drill Comments:			

Main Lithology
Hole ID: 20HUR019
Date Logged: 22-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
0	9	Overburden (Unsubdivided)	15	Casing
9	46.08	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain Mafic tuff, weak to moderate foliation, moderate pervasive Chl, weak to moderate Cx veins, weak Sx veins.
46.08	58	Tuff Intermediate (unsubdivided)	3b	med grey fine to medium grained, Intermediate Tuff, (altered 2c next to Qtz), moderate to strong Sx veins and flooding, weak Cx veins, moderate pervasive Chl. sulphides 3% locally up to 5%.
58	66	Massive lava Mafic flows (unsubdivided)	2a	dark grey fine grain Massive Mafic flow, weak folaition, weak to moderate Cx veins, weak to moderate Sx veins, weak pervasive Chl.
66	69	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain Mafic tuff, with bands of iron foramtion, weak to moderate foliation, moderate pervasive Chl, weak to moderate Cx veins, weak Sx veins. weak-moderate Mt
69	74	Variolitic lava Mafic flows	2aa	dark to light grey fine grained Variolitic mafic flow, moderate Cx veins/infil, weak-moderate Sx veins, weak pervasive Chl,
74	80.33	Massive lava Mafic flows (unsubdivided)	2a	dark grey fine grain Massive Mafic flow, weak folaition, weak to moderate Cx veins, weak to moderate Sx veins, weak pervasive Chl.
80.33	91.26	Variolitic lava Mafic flows	2aa	dark to light grey fine grained Variolitic mafic flow, moderate shearring, moderate Cx veins/infil, weak-moderate Sx veins, moderate pervasive Chl,
91.26	95.8	Massive lava Mafic flows (unsubdivided)	2a	dark grey fine grain Massive Mafic flow, weak folaition, weak to moderate Cx veins, weak to moderate Sx veins, weak pervasive Chl.
95.8	102	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain Mafic tuff, with fragments of iron formation, weak to moderate foliation, moderate pervasive Chl, weak to moderate Cx veins, weak Sx veins. weak-moderate Mt

Structure

Hole ID: 20HUR019
Date Logged: 22-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From	To	Title	Summary	Description	Angle	Column1
20HUR019	80.33	91.26	Shear50 25°	SHR50	Shear zone moderate shearing	25

Veining
Hole ID: 20HUR019
Date Logged: 22-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Type	Descriptive element	Gangue	Vein	Angle	Minerals	Description
42.97	43.12	Quartz-Calcite 60% Sulfides 3%	QC	60%				Su03	Qz/Cx vein 3% disseminated sulphides.
45.35	45.54	Quartz-Calcite 60% Sulfides 1%	QC	60%				Su01	Qz/Cx vein 1% disseminated sulphides
46.43	46.9	Quartz-Calcite 70% Sulfides 3%	QC	70%				Su03	Qz/Cx vein 3% sulphides
46.9	51.65	Quartz-Calcite 30% Sulfides 1%	QC	30%				Su01	Qz/Cx veins 1% disseminated sulphides.
52.3	52.75	Quartz-Calcite 60% Sulfides 5%	QC	60%				Su05	Qz/Cx vein 5% disseminated sulphides
52.75	53.78	Quartz-Calcite 45% Sulfides 3%	QC	0.45				Su03	Qz/Cx vein flooding 3% disseminated sulphides.
53.78	56.9	Quartz-Calcite 50% Sulfides 1%	QC	0.5				Su01	Qz/Cx vein and flooding, 1%

							disseminated sulphides
56.9	57.68	Quartz-Calcite 80% Sulfides 3%	QC	0.8		Su03	Qz/Cx vein and flooding 3% disseminated sulphides

Alteration
Hole ID: 20HUR019
Date Logged: 22-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
9	46.08	Carbonate 3; Chlorite 5; Silicification 1	Car03; Chl05; Sil01	med-dark grey fine grain Mafic tuff, weak to moderate foliation, moderate pervasive Chl, weak to moderate Cx veins, weak Sx veins.
46.08	58	Carbonate 1; Chlorite 1; Silicification 8	Car01; Chl01; Sil08	med grey fine to medium grained, Intermediate Tuff, (altered 2c next to Qtz), moderate to strong Sx veins and flooding, weak Cx veins, moderate pervasive Chl. sulphides 3% locally up to 5%.
58	66	Carbonate 3; Chlorite 1; Silicification 3	Car03; Chl01; Sil03	dark grey fine grain Massive Mafic flow, weak folaition, weak to moderate Cx veins, weak to moderate Sx veins, weak pervasive Chl.
66	69	Carbonate 3; Chlorite 5; Silicification 1; Magnetite 3	Car03; Chl05; Sil01; MAG03	med-dark grey fine grain Mafic tuff, with bands of iron foramtion, weak to moderate foliation, moderate pervasive Chl, weak to moderate Cx veins, weak Sx veins.
69	74	Carbonate 5; Silicification 3; Chlorite 1	Car05; Sil03; Chl01	dark to light grey fine grained Variolitic mafic flow, moderate Cx veins/infil, weak-moderate Sx veins, weak pervasive Chl,

74	80.33	Carbonate 3; Silicification 3; Chlorite 1	Car03; Sil03; Chl01	dark grey fine grain Massive Mafic flow, weak folaition, weak to moderate Cx veins, weak to moderate Sx veins, weak pervasive Chl.
80.33	91.26	Carbonate 5; Chlorite 5; Silicification 3	Car05; Chl05; Sil03	dark to light grey fine grained Variolitic mafic flow, moderate shearring, moderate Cx veins/infil, weak-moderate Sx veins, moderate pervasive Chl,
91.26	95.8	Carbonate 5; Silicification 3; Chlorite 1	Car05; Sil03; Chl01	dark grey fine grain Massive Mafic flow, weak folaition, weak to moderate Cx veins, weak to moderate Sx veins, weak pervasive Chl.
95.8	102	Carbonate 3; Chlorite 5; Silicification 1; Magnetite 3	Car03; Chl05; Sil01; MAG03	med-dark grey fine grain Mafic tuff, with fragments of iron formation, weak to moderate foliation, moderate pervasive Chl, weak to moderate Cx veins, weak Sx veins. weak-moderate Mt

Mineralization
Hole ID: 20HUR019
Date Logged: 22-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
42.97	58	Sulfides 1-5	Su1-5	1% overal up to 5% locally disseminated sulphides vein associated
66	69	Sulfides 1%; Magnetite 5%	Su01; Mt05	1% disseminated sulphides 5% bands of Mt
80.33	91.26	Sulfides 1%	Su01	1% disseminated sulphides associated with veins in the shear zone.

Sample Log
Hole ID: 20HUR019
Date Logged: 22-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Length (m)	Sample ID	Cert No.
9	10	1	763415	A20-10248
10	11	1	763416	A20-10248
11	12	1	763417	A20-10248
12	13	1	763418	A20-10248
13	14	1	763419	A20-10248
14	15	1	763421	A20-10248
15	16	1	763422	A20-10248
16	17	1	763423	A20-10248
17	18	1	763424	A20-10248
18	19	1	763425	A20-10248
19	20	1	763426	A20-10248
20	21	1	763427	A20-10248
21	22	1	763428	A20-10248
22	23	1	763429	A20-10248
23	24	1	763430	A20-10248
24	25	1	763431	A20-10248
25	26	1	763432	A20-10248
26	27	1	763433	A20-10248
27	28	1	763434	A20-10248
28	29	1	763435	A20-10248
29	30	1	763436	A20-10248
30	31	1	763437	A20-10248
31	32	1	763438	A20-10248
32	33	1	763439	A20-10248
33	34	1	763441	A20-10248
34	35	1	763442	A20-10248
35	36	1	763443	A20-10248
36	37	1	763444	A20-10248
37	38	1	763445	A20-10248
38	39	1	763446	A20-10248
39	40	1	763447	A20-10248
40	41	1	763448	A20-10248
41	42	1	763449	A20-10247
42	42.97	0.97	763450	A20-10247
42.97	43.64	0.67	763451	A20-10247
43.64	44.38	0.74	763452	A20-10247

44.38	45.3	0.92	763453	A20-10247
45.3	46.08	0.78	763454	A20-10247
46.08	46.9	0.82	763455	A20-10247
46.9	47.66	0.76	763456	A20-10247
47.66	48.34	0.68	763457	A20-10247
48.34	49.07	0.73	763458	A20-10247
49.07	50	0.93	763459	A20-10247
50	50.73	0.73	763461	A20-10247
50.73	51.65	0.92	763462	A20-10247
51.65	52.5	0.85	763463	A20-10247
52.5	53.3	0.8	763464	A20-10247
53.3	54.2	0.9	763465	A20-10247
54.2	55.29	1.09	763466	A20-10247
55.29	56	0.71	763467	A20-10247
56	56.9	0.9	763468	A20-10247
56.9	58	1.1	763469	A20-10247
58	59	1	763470	A20-10247
59	60	1	763471	A20-10247
60	61	1	763472	A20-10247
61	62	1	763473	A20-10248
62	63	1	763474	A20-10248
63	64	1	763475	A20-10248
64	65	1	763476	A20-10248
65	66	1	763477	A20-10248
66	67	1	763478	A20-10248
67	68	1	763479	A20-10248
68	69	1	763481	A20-10248
69	70	1	763482	A20-10248
70	71	1	763483	A20-10248
71	72	1	763484	A20-10248
72	73	1	763485	A20-10248
73	74	1	763486	A20-10248
74	75	1	763487	A20-10248
75	76	1	763488	A20-10248
76	77	1	763489	A20-10248
77	78	1	763490	A20-10248
78	79.15	1.15	763491	A20-10248
79.15	80.33	1.18	763492	A20-10248
80.33	81	0.67	763493	A20-10248
81	82	1	763494	A20-10248
82	83	1	763495	A20-10248

83	84	1	763496	A20-10248
84	85	1	763497	A20-10248
85	86	1	763498	A20-10248
86	87	1	763499	A20-10248
87	88	1	797001	A20-10248
88	89.1	1.1	797002	A20-10248
89.1	90.2	1.1	797003	A20-10248
90.2	91.26	1.06	797004	A20-10248
91.26	92.35	1.09	797005	A20-10248
92.35	93.45	1.1	797006	A20-10248
93.45	94.65	1.2	797007	A20-10248
94.65	95.8	1.15	797008	A20-10248
95.8	96.9	1.1	797009	A20-10248
96.9	98	1.1	797010	A20-10248
98	99	1	797011	A20-10248
99	100	1	797012	A20-10248
100	101	1	797013	A20-10248
101	102	1	797014	A20-10248

Hole ID:	20HUR020	**Datum/Projection:**	NAD 83 Zone 15
Project:	Huronian	**UTM North:**	5378343
Claim/Patent #	321602 & PAT-15492	**UTM East:**	664052
Township:	Moss Lake	**Dip:**	-55
		Azimuth:	288.8
Start Date:	21-Aug-20	**Drill Company:**	Chibougamau Diamond Drilling ltd
End Date:	21-Aug-20	**Core Size:**	NQ
EOH Depth:	102 m	**Storage Location:**	Huronian
Drill Comments:			

Main Lithology
Hole ID: 20HUR020
Date Logged: 23-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
0	6.6	Overburden (Unsubdivided)	15	Casing
6.6	33.4	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain to medium grain, Mafic tuff, MAfic fragments up to 2cm, moderate foliation, weak-moderate Sx veins, moderate Cx veins, moderate pervasive Chl,
33.4	35.88	Tuff Mafic (unsubdivided); Tuff Intermediate (unsubdivided)	2c; 3b	med grey fine grain Mafic-Intermediate tuff, moderate foliation, moderate pervasive Sx, moderate pervasive Chl, weak Cx veins.
35.88	37	Tuff Intermediate (unsubdivided)	3b	med grey fine grain Intermediate Tuff, moderate Sx, moderate pervasive Chl, weak Cx veins
37	38.37	Tuff Mafic (unsubdivided); Iron formation (unsubdivided)	2c; 6c	med-dark grey fine grain Mafic tuff with bands of iron formation, weak Sx veins, weak-moderate Cx veins, moderate pervasive Chl. weak-moderate Mt. 3% disseminated sulphides assocated with iron formation.
38.37	48.55	Quartz Vein	QTZ	med-light grey fine grain Quartz vein, vein and flooding make up 50% of the rock host rock is a Mafic tuff, strong Sx, weak Chl, weak-moderate Cx veins, 3% disseminated sulphides.
48.55	50.09	Variolitic lava Mafic flows	2aa	dark to light grey fine grain Variolitic Mafic flow with bands of 6c Variols up to 1cm wide, weak Cx, strong Sx flooding (blueing), 3% fine disseminated sulphides. 5% Mt bands
50.09	53.34	Quartz Vein	QTZ	med-light grey fine grain Quartz vein, vein and flooding make up 50% of the rock host rock is a Mafic tuff, strong Sx, weak Chl, weak-moderate Cx veins, 3% disseminated sulphides.
53.34	54.13	Tuff Intermediate (unsubdivided)	3b	med grey fine grain Intermediate Tuff, moderate Sx, moderate pervasive Chl, weak Cx veins
54.13	55.67	Tuff Mafic (unsubdivided); Tuff Intermediate (unsubdivided)	2c; 3b	med grey fine grain Mafic-Intermediate tuff, moderate foliation, moderate pervasive Sx, moderate pervasive Chl, weak Cx veins.

55.67	67.62	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain to medium grain, Mafic tuff, Shear from 56.24-58.63m MAfic fragments up to 2cm, moderate foliation, weak-moderate Sx veins, moderate Cx veins, moderate pervasive Chl,
67.62	70.66	Variolitic lava Mafic flows	2aa	Dark-light grey fine grain Variolitic Mafic Flow, Variols infilled with Cx, moderate Cx veins/infil, weak Sx veins, weak pervasive Chl.
70.66	75.16	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain to medium grain, Mafic tuff, MAfic fragments up to 2cm, moderate foliation, weak-moderate Sx veins, moderate Cx veins, moderate pervasive Chl,
75.16	80.36	Variolitic lava Mafic flows	2aa	Dark-light grey fine grain Variolitic Mafic Flow, Variols infilled with Cx, moderate Cx veins/infil, weak Sx veins, weak pervasive Chl.
80.36	82	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain to medium grain, Mafic tuff, Mafic fragments up to 2cm, moderate foliation, moderate Sx veins, moderate Cx veins, moderate pervasive Chl,
82	87.08	Variolitic lava Mafic flows	2aa	Dark-light grey fine grain Variolitic Mafic Flow, Variols infilled with Cx, moderate Cx veins/infil, weak Sx veins, weak pervasive Chl.
87.08	90.41	Massive lava Mafic flows (unsubdivided)	2a	dark Grey fine grain Massive Mafic flow, weak Cx veins, weak Sx veins, weak pervasive Chl.
90.41	95.53	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain to medium grain, Mafic tuff, Mafic fragments up to 2cm, moderate foliation, moderate Sx veins, moderate Cx veins, moderate pervasive Chl,
95.53	97.48	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain to medium grain, Mafic tuff, Mafic fragments up to 2cm, moderate foliation, moderate-strong pervasive Sx , moderate Cx veins,weak pervasive Chl,
97.48	98.93	Massive lava Mafic flows (unsubdivided)	2a	dark Grey fine-medium grain Massive Mafic flow, weak Cx veins, weak Sx veins, weak pervasive Chl.
98.93	102	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain to medium grain, Mafic tuff, Mafic fragments up to 2cm, moderate foliation, moderate Sx veins, moderate Cx veins, moderate pervasive Chl, EOH

Structure

Hole ID: 20HUR020
Date Logged: 23-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From	To	Title	Summary	Description	Angle
30.9	31.35	Fault 20°	FLT	Fault running 20 degrees to core axis	20
56.24	58.63	Shear50 15°	SHR50	Shear zone running 15 degrees to core axis.	15

Veining
Hole ID: 20HUR020
Date Logged: 23-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Type	Descriptive element	Gangue	Vein	Angle	Minerals	Description
19.96	20.09	Quartz-Calcite 40%	QC	40%					Qz/Cx vein no sulphides.
35.95	36.54	Quartz-Calcite 45% Sulfides 3%	QC	45%				Su03	Qz/Cx vein 3% sulphides. 2% Galena
38.37	48.55	Quartz-Calcite 65% Sulfides 3-5	QC	65%				Su3-5	large Qz vein/flooding 3-5% sulphides
50.09	53.34	Quartz-Calcite 65% Sulfides 3-5	QC	65%				Su3-5	Qz/Cx vein 3-5% sulphides
74.6	74.65	Quartz-Calcite 70%	QC	70%					Qz/Cx vein
79.76	79.82	Quartz-Calcite 15% Sulfides 2%	QC	15%				Su02	Qz/Cx vein 2% sulphides
81.4	81.69	Quartz-Calcite 35% 10° Sulfides 1%	QC	35%			10°	Su01	Qz/Cx vein 1% sulphides.
88.45	88.48	Quartz-Calcite 50%	QC	50%					Qz/Cx vein
93.4	93.47	Quartz-Calcite 20% Sulfides 1%	QC	0.2				Su01	Qz/Cx vein 1% sulphides.

94.04	94.11	Quartz-Calcite 65%	QC	0.65		Qz/Cx vein mno sulphides

Alteration
Hole ID: 20HUR020
Date Logged: 23-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
6	33.4	Carbonate 5; Chlorite 5; Silicification 3	Car05; Chl05; Sil03	med-dark grey fine grain to medium grain, Mafic tuff, MAfic fragments up to 2cm, moderate foliation, weak-moderate Sx veins, moderate Cx veins, moderate pervasive Chl,
33.4	35.88	Chlorite 5; Silicification 5; Carbonate 1	Chl05; Sil05; Car01	med grey fine grain Mafic-Intermediate tuff, moderate foliation, moderate pervasive Sx, moderate pervasive Chl, weak Cx veins.
35.88	37	Carbonate 1; Chlorite 5; Silicification 5	Car01; Chl05; Sil05	med grey fine grain Intermediate Tuff, moderate Sx, moderate pervasive Chl, weak Cx veins
37	38.37	Carbonate 3; Chlorite 5; Silicification 1; Magnetite 3	Car03; Chl05; Sil01; MAG03	med-dark grey fine grain Mafic tuff with bands of iron formation, weak Sx veins, weak-moderate Cx veins, moderate pervasive Chl. weak-moderate Mt. 3% disseminated sulphides assocated with iron formation.
38.37	48.55	Carbonate 3; Chlorite 1; Silicification 10	Car03; Chl01; Sil10	med-light grey fine grain Quartz vein, vein and flooding make up 50% of the rock host rock is a Mafic tuff, strong Sx, weak Chl, weak-moderate Cx veins, 3% disseminated sulphides.
48.55	50.09	Carbonate 1; Silicification 10; Magnetite 5	Car01; Sil10; MAG05	dark to light grey fine grain Variolitic Mafic flow Variols up to 1cm wide, weak Cx, strong Sx flooding (blueing), 3% fine disseminated sulphides. moderate Mt

50.09	53.34	Carbonate 3; Chlorite 1; Silicification 10	Car03; Chl01; Sil10	med-light grey fine grain Quartz vein, vein and flooding make up 50% of the rock host rock is a Mafic tuff, strong Sx, weak Chl, weak-moderate Cx veins, 3% disseminated sulphides.
53.34	54.13	Carbonate 1; Chlorite 5; Silicification 5	Car01; Chl05; Sil05	med grey fine grain Intermediate Tuff, moderate Sx, moderate pervasive Chl, weak Cx veins
54.13	55.67	Carbonate 1; Chlorite 5; Silicification 5	Car01; Chl05; Sil05	med grey fine grain Mafic-Intermediate tuff, moderate foliation, moderate pervasive Sx, moderate pervasive Chl, weak Cx veins.
55.67	67.72	Carbonate 5; Chlorite 5; Silicification 3	Car05; Chl05; Sil03	med-dark grey fine grain to medium grain, Mafic tuff, Shear from 56.24-58.63m MAfic fragments up to 2cm, moderate foliation, weak-moderate Sx veins, moderate Cx veins, moderate pervasive Chl,
67.72	70.66	Carbonate 5; Silicification 1; Chlorite 1	Car05; Sil01; Chl01	Dark-light grey fine grain Variolitic Mafic Flow, Variols infilled with Cx, moderate Cx veins/infil, weak Sx veins, weak pervasive Chl.
70.66	75.16	Carbonate 5; Chlorite 5; Silicification 3	Car05; Chl05; Sil03	med-dark grey fine grain to medium grain, Mafic tuff, MAfic fragments up to 2cm, moderate foliation, weak-moderate Sx veins, moderate Cx veins, moderate pervasive Chl,
75.16	80.36	Carbonate 5; Chlorite 1; Silicification 1	Car05; Chl01; Sil01	Dark-light grey fine grain Variolitic Mafic Flow, Variols infilled with Cx, moderate Cx veins/infil, weak Sx veins, weak pervasive Chl.
80.36	82	Carbonate 5; Chlorite 5; Silicification 5	Car05; Chl05; Sil05	med-dark grey fine grain to medium grain, Mafic tuff, Mafic fragments up to 2cm, moderate foliation, moderate Sx veins, moderate Cx veins, moderate pervasive Chl,
82	87.08	Carbonate 5; Chlorite 1; Silicification 1	Car05; Chl01; Sil01	Dark-light grey fine grain Variolitic Mafic Flow, Variols infilled with Cx, moderate Cx veins/infil, weak Sx veins, weak pervasive Chl.

87.08	90.41	Carbonate 1; Chlorite 1; Silicification 1	Car01; Chl01; Sil01	dark Grey fine grain Massive Mafic flow, weak Cx veins, weak Sx veins, weak pervasive Chl.
90.41	95.53	Carbonate 5; Chlorite 5; Silicification 5	Car05; Chl05; Sil05	med-dark grey fine grain to medium grain, Mafic tuff, Mafic fragments up to 2cm, moderate foliation, moderate Sx veins, moderate Cx veins, moderate pervasive Chl,
95.53	97.48	Silicification 8; Carbonate 5; Chlorite 1	Sil08; Car05; Chl01	med-dark grey fine grain to medium grain, Mafic tuff, Mafic fragments up to 2cm, moderate foliation, moderate-strong pervasive Sx , moderate Cx veins,weak pervasive Chl,
97.48	98.93	Carbonate 1; Chlorite 1; Silicification 1	Car01; Chl01; Sil01	dark Grey fine-medium grain Massive Mafic flow, weak Cx veins, weak Sx veins, weak pervasive Chl.
98.93	102	Carbonate 5; Chlorite 5; Silicification 5	Car05; Chl05; Sil05	med-dark grey fine grain to medium grain, Mafic tuff, Mafic fragments up to 2cm, moderate foliation, moderate Sx veins, moderate Cx veins, moderate pervasive Chl,

Mineralization
Hole ID: 20HUR020
Date Logged: 23-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
35.88	38.37	Sulfides 2%; Galene 2%	Su02; Gn02	2% disseminated sulphides. 2% galena
38.37	48.55	Sulfides 3-5	Su3-5	3-5% disseminated sulphides.
48.55	50.09	Sulfides 3%; Magnetite 5%	Su03; Mt05	3% disseminated sulphides 5% Mt
50.09	53.34	Sulfides 3-5; Galene 2%	Su3-5; Gn02	3-5% disseminated sulphides and 2% Galena
53.34	55.67	Sulfides 2%	Su02	2% disseminated sulphides
56.24	59.5	Sulfides 1-2	Su1-2	1-2% disseminated sulphides
72.1	75.16	Sulfides 1%	Su01	1% disseminated sulphides
77	80	Sulfides 0.5%	Su00.5	.5% disseminated sulphides.

81	82	Sulfides 0.5%	Su00.5	.5% disseminated sulphides vein associated.
93	93.5	Sulfides 1%	Su01	1% disseminated sulphides

Hole ID: 20HUR020
Date Logged: 23-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Length (m)	Sample ID	Cert No.
6.6	7.7	1.1	797015	A20-10248
7.7	8.8	1.1	797016	A20-10253
8.8	9.9	1.1	797017	A20-10253
9.9	11	1.1	797018	A20-10253
11	12	1	797019	A20-10253
12	13	1	797021	A20-10253
13	14	1	797022	A20-10253
14	15	1	797023	A20-10253
15	16	1	797024	A20-10253
16	17	1	797025	A20-10253
17	18	1	797026	A20-10253
18	19	1	797027	A20-10253
19	20.05	1.05	797028	A20-10253
20.05	21	0.95	797029	A20-10253
21	22	1	797030	A20-10253
22	23	1	797031	A20-10253
23	24	1	797032	A20-10253
24	25	1	797033	A20-10253
25	26	1	797034	A20-10253
26	27	1	797035	A20-10253
27	28	1	797036	A20-10253
28	29	1	797037	A20-10253
29	30.15	1.15	797038	A20-10253
30.15	31.35	1.2	797039	A20-10253
31.35	32.4	1.05	797041	A20-10253
32.4	33.4	1	797042	A20-10253
33.4	34.1	0.7	797043	A20-10253
34.1	34.97	0.87	797044	A20-10253
34.97	35.88	0.91	797045	A20-10249
35.88	37	1.12	797046	A20-10249
37	37.8	0.8	797047	A20-10249
37.8	38.37	0.57	797048	A20-10249
38.37	39.17	0.8	797049	A20-10249
39.17	40	0.83	797050	A20-10249
40	41	1	797051	A20-10249
41	42	1	797052	A20-10249
42	42.83	0.83	797053	A20-10249

42.83	43.61	0.78	797054	A20-10249
43.61	44.23	0.62	797055	A20-10249
44.23	45.13	0.9	797056	A20-10249
45.13	45.85	0.72	797057	A20-10249
45.85	46.54	0.69	797058	A20-10249
46.54	47.57	1.03	797059	A20-10249
47.57	48.53	0.96	797061	A20-10249
48.53	49.31	0.78	797062	A20-10249
49.31	50.09	0.78	797063	A20-10249
50.09	50.81	0.72	797064	A20-10249
50.81	51.81	1	797065	A20-10249
51.81	52.58	0.77	797066	A20-10249
52.58	53.34	0.76	797067	A20-10249
53.34	54.13	0.79	797068	A20-10249
54.13	54.94	0.81	797069	A20-10249
54.94	55.67	0.73	797070	A20-10249
55.67	56.49	0.82	797071	A20-10249
56.49	57.59	1.1	797072	A20-10249
57.59	58.63	1.04	797073	A20-10253
58.63	59.63	1	797074	A20-10253
59.63	60.63	1	797075	A20-10253
60.63	61.63	1	797076	A20-10253
61.63	62.67	1.04	797077	A20-10253
62.67	63.63	0.96	797078	A20-10253
63.63	64.63	1	797079	A20-10253
64.63	65.63	1	797081	A20-10253
65.63	66.63	1	797082	A20-10253
66.63	67.62	0.99	797083	A20-10253
67.62	68.66	1.04	797084	A20-10253
68.66	69.66	1	797085	A20-10253
69.66	70.66	1	797086	A20-10253
70.66	71.76	1.1	797087	A20-10253
71.76	73	1.24	797088	A20-10253
73	74	1	797089	A20-10253
74	75.16	1.16	797090	A20-10253
75.16	76	0.84	797091	A20-10253
76	77	1	797092	A20-10253
77	78	1	797093	A20-10253
78	79.18	1.18	797094	A20-10249
79.18	80.36	1.18	797095	A20-10249
80.36	81.2	0.84	797096	A20-10249

81.2	82	0.8	797097	A20-10249
82	83	1	797098	A20-10249
83	84	1	797099	A20-10253
84	85	1	797101	A20-10253
85	86	1	797102	A20-10253
86	87.08	1.08	797103	A20-10253
87.08	88.18	1.1	797104	A20-10253
88.18	89.3	1.12	797105	A20-10253
89.3	90.41	1.11	797106	A20-10253
90.41	91.58	1.17	797107	A20-10253
91.58	92.5	0.92	797108	A20-10253
92.5	93.55	1.05	797109	A20-10253
93.55	94.5	0.95	797110	A20-10253
94.5	95.53	1.03	797111	A20-10253
95.53	96.53	1	797112	A20-10253
96.53	97.48	0.95	797113	A20-10253
97.48	98.14	0.66	797114	A20-10253
98.14	98.93	0.79	797115	A20-10253
98.93	100	1.07	797116	A20-10253
100	101	1	797117	A20-10253
101	102	1	797118	A20-10253

Hole ID:	20HUR021	**Datum/Projection:**	NAD 83 Zone 15
Project:	Huronian	**UTM North:**	5378343
Claim/Patent #	321602 & PAT-15492	**UTM East:**	664052
Township:	Moss Lake	**Dip:**	-60
		Azimuth:	289.2
Start Date:	22-Aug-20	**Drill Company:**	Chibougamau Diamond Drilling ltd
End Date:	23-Aug-20	**Core Size:**	NQ
EOH Depth:	111 m	**Storage Location:**	Huronian
Drill Comments:			

Main Lithology
Hole ID: 20HUR021
Date Logged: 24-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
0	6.75	Overburden (Unsubdivided)	15	Casing
6.75	39.44	Tuff Mafic (unsubdivided)	2c	med-dark grey, fine grain, Mafic Tuff, mafic fragments up to 1cm in diameter, weak to moderate foliation around 20 degrees to core axis, weak shearing at 37-39m, moderate Cx veins, moderate to strong pervasive Chl, weak Sx veins.
39.44	40.53	Quartz Vein	QTZ	light grey to white fine grain Quartz vein and flooding, weak folaition of flooded rock, strong Sx, weak Cx veins, Sulphides 2% disseminated.
40.53	45.27	Oxide facies iron formation	6ca	dark grey to white fine grain oxide Facies iron formation, brecciatted with mafic tuff and Qz veins, weak to moderate selectively pervasive Chl, moderate strong Sx, strong Mt, 3-5% disseminated sulphides.
45.27	49.56	Iron formation (unsubdivided)	6c	dark grey to Red, very fine grain Iron formation with 25% Qtz vein, fractured and weakly breciatted, moderate-strong Sx, weak Chl, weak Cx veins, 3% disseminated sulphides
49.56	52.85	Tuff Intermediate (unsubdivided)	3b	med grey fine grain Intermediate Tuff (2c with strong Sx alteration), moderate foliation, moderate pervasive Chl, strong Sx, weak Cx veins.
52.85	55.04	Quartz Vein	QTZ	light grey to white fine grain Quartz vein and flooding, weak folaition of flooded rock, strong Sx, weak Cx veins, Sulphides 2% disseminated.
55.04	61.24	Tuff Intermediate (unsubdivided)	3b	med grey fine grain Intermediate Tuff (2c with strong Sx alteration), moderate foliation, moderate pervasive Chl, strong Sx, weak Cx veins.
61.24	91.15	Tuff Mafic (unsubdivided)	2c	med-dark grey, fine grain, Mafic Tuff, mafic fragments up to 1cm in diameter, weak to moderate foliation around 20 degrees to core axis, moderate Cx veins, moderate to strong pervasive Chl, weak Sx veins.
91.15	93.13	Massive lava Mafic flows (unsubdivided)	2a	fgr med dark grey mafic flow. Mod pervasive chl, weak Sx anmd Cx veins. Trace to 1% fgr diss Py. Unit lacks the distinct bands and beds of above and below.

93.13	99.88	Tuff Mafic (unsubdivided); Lineated	2c; LNTD	Same as above
99.88	111	Massive lava Mafic flows (unsubdivided)	2a	Fgr medium to dark grey mafic volcanic. weak to mod chlorite, weak patchy veins SX and Cx alt. Trace to 1% fgr vein assocaited and lesser disseminated Pyu. Py seems constrined to veins cross cutting primary FO.

Structure
Hole ID: 20HUR021
Date Logged: 24-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From	To	Title	Summary	Description	Angle
79	79.1	Foliated20 20°	FOL20	Mod foliation. Not sir what deger% would mean in Geotic	20

Veining
Hole ID: 20HUR021
Date Logged: 24-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Type	Descriptive element	Gangue	Vein	Angle	Minerals	Description
51.65	52.28	Quartz-Vein 70%	QV	70%					Qz vein 2% sulphides
56.26	56.51	Quartz-Vein 60% Sulfides 1%	QV	60%				Su01	Qz vein 1% sulphides
57.61	57.89	Quartz-Vein Sulfides 5%	QV					Su05	Qz vein 5% sulphides
79.8	79.81	Quartz-Vein 70% 45° Sulfides 1%	QV	70%			45°	Su01	Crosscutes primary FO
83	83.65	Quartz-Calcite 2% 10°	QC	2%			10°		Runs along core axis and along contact.
90.75	90.78	Quartz-Calcite Sulfides 5%	QC					Su05	Blobs of PyPo in vein cross cutrting Fo

94.45	94.65	Quartz-Calcite 25% 60° Sulfides 3%	QC	25%		60°	Su03	2 sub cm scale qz carb veins with Py running acorss primary FO.
103.2	103.35	Quartz-Calcite 50% 60° Sulfides 3%	QC	50%		60°	Su03	OPy bearing Qz careb vein running against primary FO. b
105.85	105.9	Quartz-Calcite 70% 60°	QC	70%		60°		Py bearing Qz carb vein running against primary FO.

Alteration
Hole ID: 20HUR021
Date Logged: 24-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
6.75	39.44	Carbonate 5; Chlorite 8; Silicification 1	Car05; Chl08; Sil01	med-dark grey, fine grain, Mafic Tuff, mafic fragments up to 1cm in diameter, weak to moderate foliation around 20 degrees to core axis, weak shearing at 37-39m, moderate Cx veins, moderate to strong pervasive Chl, weak Sx veins.
39.44	40.53	Carbonate 1; Silicification 10	Car01; Sil10	light grey to white fine grain Quartz vein and flooding, weak folaition of flooded rock, strong Sx, weak Cx veins, Sulphides 2% disseminated.
40.53	45.27	Chlorite 3; Silicification 8; Magnetite 10	Chl03; Sil08; MAG10	dark grey to white fine grain oxide Facies iron formation, brecciatted with mafic tuff and Qz veins, weak to moderate selectively pervasive Chl, moderate strong Sx, strong Mt, 3-5% disseminated sulphides.

45.27	49.56	Chlorite 1; Silicification 8; Magnetite 10; Carbonate 1	Chl01; Sil08; MAG10; Car01	dark grey to Red, very fine grain Iron formation with 25% Qtz vein, fractured and weakly breciatted, moderate-strong Sx, weak Chl, weak Cx veins, 3% disseminated sulphides
49.56	52.85	Carbonate 1; Chlorite 5; Silicification 10	Car01; Chl05; Sil10	med grey fine grain Intermediate Tuff (2c with strong Sx alteration), moderate foliation, moderate pervasive Chl, strong Sx, weak Cx veins.
52.85	55.04	Carbonate 1; Silicification 10	Car01; Sil10	light grey to white fine grain Quartz vein and flooding, weak folaition of flooded rock, strong Sx, weak Cx veins, Sulphides 2% disseminated.
55.04	61.24	Carbonate 1; Chlorite 5; Silicification 10	Car01; Chl05; Sil10	med grey fine grain Intermediate Tuff (2c with strong Sx alteration), moderate foliation, moderate pervasive Chl, strong Sx, weak Cx veins.
61.24	91.15	Carbonate 5; Chlorite 8; Silicification 1	Car05; Chl08; Sil01	med-dark grey, fine grain, Mafic Tuff, mafic fragments up to 1cm in diameter, weak to moderate foliation around 20 degrees to core axis, moderate Cx veins, moderate to strong pervasive Chl, weak Sx veins.

Mineralization
Hole ID: 20HUR021
Date Logged: 24-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
39.1	39.44	Sulfides 0.5%	Su00.5	.5% disseminated sulphides.
39.44	40.53	Sulfides 3%	Su03	3% disseminated and stringers of sulphides
40.53	45.27	Sulfides 3%; Magnetite 20%	Su03; Mt20	3% disseminated sulphides 20% bands of Mt
45.27	49.56	Magnetite 15%; Sulfides 3%	Mt15; Su03	15% bands of Mt and massive, 3-5% disseminated sulphides
49.56	55.04	Sulfides 3%	Su03	3% disseminated sulphides

55.04	57.22	Sulfides 2%	Su02	2% disseminated sulphides vein associated
57.61	61.24	Sulfides 2%	Su02	2% disseminated sulphides
61.24	62	Sulfides 2%	Su02	2% disseminated sulphides
62	91.15	Sulfides 1%	Su01	1% fgr Diss and vein assocuated Py and lesser Po, minor increase to upto 2% Puy where4 there are weak magnetic bands.
94	94.75	Sulfides 2%	Su02	Assoiciated with 2 crosscutting veins.
105.8	105.9	Sulfides 2%	Su02	Assocaited with the crosscutting vein.

Sample Log
Hole ID: 20HUR021
Date Logged: 24-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Length (m)	Sample ID	Cert No.
6.75	7.9	1.15	797119	A20-10253
7.9	9	1.1	797121	A20-10376
9	10	1	797122	A20-10376
10	11	1	797123	A20-10376
11	12	1	797124	A20-10376
12	13	1	797125	A20-10376
13	14	1	797126	A20-10376
14	15	1	797127	A20-10376
15	16	1	797128	A20-10376
16	17	1	797129	A20-10376
17	18	1	797130	A20-10376
18	19	1	797131	A20-10376
19	20	1	797132	A20-10376
20	21	1	797133	A20-10376
21	22	1	797134	A20-10376
22	23	1	797135	A20-10376
23	24	1	797136	A20-10376
24	25	1	797137	A20-10376
25	26	1	797138	A20-10376
26	27	1	797139	A20-10376
27	28	1	797141	A20-10376
28	29	1	797142	A20-10376
29	30	1	797143	A20-10376
30	31	1	797144	A20-10376
31	32	1	797145	A20-10376
32	33	1	797146	A20-10376
33	34	1	797147	A20-10376
34	34.95	0.95	797148	A20-10376
34.95	36	1.05	797149	A20-10376
36	37.17	1.17	797150	A20-10376
37.17	38.28	1.11	797151	A20-10376
38.28	39.44	1.16	797152	A20-10376
39.44	40.53	1.09	797153	A20-10376
40.53	41.5	0.97	797154	A20-10376
41.5	42.41	0.91	797155	A20-10376
42.41	43.14	0.73	797156	A20-10376

43.14	43.85	0.71	797157	A20-10376
43.85	44.54	0.69	797158	A20-10376
44.54	45.27	0.73	797159	A20-10375
45.27	46	0.73	797161	A20-10375
46	46.7	0.7	797162	A20-10375
46.7	47.4	0.7	797163	A20-10375
47.4	48.21	0.81	797164	A20-10375
48.21	48.89	0.68	797165	A20-10375
48.89	49.56	0.67	797166	A20-10375
49.56	50.21	0.65	797167	A20-10375
50.21	50.95	0.74	797168	A20-10375
50.95	51.65	0.7	797169	A20-10375
51.65	52.85	1.2	797170	A20-10375
52.85	53.57	0.72	797171	A20-10375
53.57	54.5	0.93	797172	A20-10375
54.5	55.04	0.54	797173	A20-10375
55.04	55.74	0.7	797174	A20-10375
55.74	56.51	0.77	797175	A20-10375
56.51	57.22	0.71	797176	A20-10375
57.22	58	0.78	797177	A20-10375
58	58.71	0.71	797178	A20-10375
58.71	59.41	0.7	797179	A20-10375
59.41	60.11	0.7	797181	A20-10375
60.11	61.24	1.13	797182	A20-10375
61.24	62	0.76	797183	A20-10375
62	63	1	797184	A20-10375
63	64	1	797185	A20-10375
64	65	1	797186	A20-10375
65	66	1	797187	A20-10376
66	67	1	797188	A20-10376
67	68	1	797189	A20-10376
68	69	1	797190	A20-10376
69	70	1	797191	A20-10376
70	71	1	797192	A20-10376
71	72	1	797193	A20-10376
72	73	1	797194	A20-10376
73	74	1	797195	A20-10376
74	75	1	797196	A20-10376
75	76	1	797197	A20-10376
76	77	1	797198	A20-10376
77	78	1	797199	A20-10376

78	79	1	797201	A20-10376
79	80	1	797202	A20-10376
80	81	1	797203	A20-10376
81	82	1	797204	A20-10376
82	82.8	0.8	797205	A20-10376
82.8	83.67	0.87	797206	A20-10376
83.67	84.3	0.63	797207	A20-10376
84.3	85	0.7	797208	A20-10376
85	86	1	797209	A20-10376
86	87	1	797210	A20-10376
87	88.1	1.1	797211	A20-10376
88.1	89.2	1.1	797212	A20-10376
89.2	90.35	1.15	797213	A20-10376
90.35	91.15	0.8	797214	A20-10375
91.15	92	0.85	797215	A20-10375
92	93.13	1.13	797216	A20-10375
93.13	94	0.87	797217	A20-10375
94	94.75	0.75	797218	A20-10375
94.75	95.9	1.15	797219	A20-10375
95.9	97	1.1	797221	A20-10375
97	98	1	797222	A20-10376
98	99	1	797223	A20-10376
99	99.88	0.88	797224	A20-10376
99.88	100.95	1.07	797225	A20-10376
100.95	102	1.05	797226	A20-10376
102	102.9	0.9	797227	A20-10376
102.9	103.65	0.75	797228	A20-10376
103.65	104.65	1	797229	A20-10376
104.65	105.65	1	797230	A20-10376
105.65	106.37	0.72	797231	A20-10376
106.37	107.2	0.83	797232	A20-10376
107.2	108	0.8	797233	A20-10376
108	109	1	797234	A20-10376
109	110	1	797235	A20-10376
110	111	1	797236	A20-10376

Hole ID:	20HUR022	**Datum/Projection:**	NAD 83 Zone 15
Project:	Huronian	**UTM North:**	5378320
Claim/Patent #	321602	**UTM East:**	664039
Township:	Moss Lake	**Dip:**	-60
		Azimuth:	292.5
Start Date:	23-Aug-20	**Drill Company:**	Chibougamau Diamond Drilling ltd
End Date:	24-Aug-20	**Core Size:**	NQ
EOH Depth:	102 m	**Storage Location:**	Huronian
Drill Comments:			

Main Lithology
Hole ID: 20HUR022
Date Logged: 25-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
0	6.12	Overburden (Unsubdivided)	15	Casing
6.12	22.13	Feldspar porphyry; Porphyritic	10e; PORPH	Dark to light grey, very fine to medium grained Feldspar porphyry, Feldpars up to 1cm across, weak foliation, weak Cx veins, weak Sx veins,
22.13	36.19	Tuff Mafic (unsubdivided)	2c	med-dark grey-green, fine grain, Mafic tuff, mafic fragments up to 5mm altered to Chl, weak to moderate foliation 25degrees tca, rare inclusions of iron formation, weak-moderate Cx veins, weak Sx veins, moderate pervasive Chl, 1% Py associatted with iron formation inclusions.
36.19	43.72	Oxide facies iron formation	6ca	Dark grey-black fine grain Iron formation, inclusions of Mafic Tuff and Qtz veins cross cutting the unit, moderate Sx weak-moderate Qz veins, weak Cx veins, weak-moderate selectively pervasive Chl, strong Mt. 3% disseminated sulphides.
43.72	50.75	Iron formation (unsubdivided)	6c	dark grey to Red, very fine grain Iron formation with 25% Qtz vein, fractured and weakly breciatted, moderate-strong Sx, weak Chl, weak Cx veins, 3% disseminated sulphides strong Mt.
50.75	52.21	Tuff Intermediate (unsubdivided)	3b	med-light grey fine grain Intermediate Tuff (altered 2c), moderate to strong Sx, moderate Chl, weak-moderate Cx. 2% disseminated sulphides.
52.21	55.6	Quartz Vein	QTZ	light grey to white fine grain Quartz vein, with inclusions of intermediate tuff, Strong Sx, weak Cx weak Chl, Py/Po 3%, Galena 3%, Chalco 2%.
55.6	58.34	Tuff Mafic (unsubdivided); Iron formation (unsubdivided)	2c; 6c	dark grey to black fine grain Mafic tuff with bands of iron formation, moderate Sx veins, weak Cx veins, moderate sp Chl, moderate-strong Mt, 5% disseminated sulphides.
58.34	61.1	Tuff Intermediate (unsubdivided)	3b	med-light grey fine grain Intermediate Tuff (altered 2c), moderate to strong Sx, moderate Chl, weak-moderate Cx. 2% disseminated sulphides.

61.1	92.31	Tuff Mafic (unsubdivided)	2c	med-dark grey-green, fine grain, Mafic tuff, mafic fragments up to 5mm altered to Chl, weak to moderate foliation 25degrees tca, weak-moderate Cx veins, weak Sx veins, moderate pervasive Chl, 1% Py vein associated.
92.31	96.07	Tuff Mafic (unsubdivided)	2c	med-dark grey-green, fine grain, Mafic tuff, mafic fragments up to 5mm altered to Chl, weak to moderate foliation 25degrees tca, weak shearing, moderate strong Cx veins, weak-moderate Sx veins, moderate pervasive Chl, 1% Py vein associated.
96.07	97.45	Quartz Vein	QTZ	light grey to white fine grain, Quartz vein from strong Sx contains Py/Po 3%, Galena 3%, Chalco 2%.
97.45	102	Tuff Mafic (unsubdivided)	2c	med-dark grey-green, fine grain, Mafic tuff, mafic fragments up to 5mm altered to Chl, weak to moderate foliation 25degrees tca, weak shearing, moderate Cx veins, moderate Sx veins, moderate pervasive Chl, 1% Py vein associated. 2 mineralized Qz veins 10-15cm wide

Veining
Hole ID: 20HUR022
Date Logged: 25-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Type	Descriptive element	Gangue	Vein	Angle	Minerals	Description
76.21	76.34	Quartz-Vein 35% 25° Sulfides 0.5%	QV	35%			25°	Su00.5	.5% sulphides in Qz vein running parellel to foliation.
96.07	97.45	Quartz-Vein 65% Pyrite 3% Pyrrhotite 3% Chalcopyrite 2% Galene 3%	QV	65%				Py03 Po03 Cp02 Gn03	light grey to white fine grain, Quartz vein from strong Sx contains Py/Po 3%, Galena 3%, Chalco 2%.
97.58	97.69	Quartz-Calcite 65% Sulfides 2%	QC	65%				Su02	Qz/Cx vein 2% sulphides

100.39	100.58	Quartz-Calcite 65% Sulfides 3%	QC	65%		Su03	Qz/Cx vein 3% sulphides.
101.72	101.81	Quartz-Calcite 65% Sulfides 3%	QC	65%		Su03	Qz/Cx vein 3% sulphides

Alteration
Hole ID: 20HUR022
Date Logged: 25-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
6.12	22.13	Carbonate 1; Silicification 1	Car01; Sil01	Dark to light grey, very fine to medium grained Feldspar porphyry, Feldpars up to 1cm across, weak foliation, weak Cx veins, weak Sx veins,
22.13	36.19	Carbonate 3; Chlorite 5; Silicification 1; Magnetite 1	Car03; Chl05; Sil01; MAG01	med-dark grey-green, fine grain, Mafic tuff, mafic fragments up to 5mm altered to Chl, weak to moderate foliation 25degrees tca, rare inclusions of iron formation, weak-moderate Cx veins, weak Sx veins, moderate pervasive Chl, 1% Py associatted with iron formation inclusions.
36.19	43.72	Carbonate 1; Chlorite 3; Silicification 5; Magnetite 10	Car01; Chl03; Sil05; MAG10	Dark grey-black fine grain Iron formation, inclusions of Mafic Tuff and Qtz veins cross cutting the unit, weak-moderate Qz veins, weak Cx veins, weak-moderate selectively pervasive Chl, strong Mt. 3% disseminated sulphides.
43.72	50.75	Carbonate 1; Chlorite 1; Silicification 8; Magnetite 10	Car01; Chl01; Sil08; MAG10	dark grey to Red, very fine grain Iron formation with 25% Qtz vein, fractured and weakly breciatted, moderate-strong Sx, weak Chl, weak Cx veins, 3% disseminated sulphides

50.75	52.21	Carbonate 3; Chlorite 5; Silicification 8	Car03; Chl05; Sil08	med-light grey fine grain Intermediate Tuff (altered 2c), moderate to strong Sx, moderate Chl, weak-moderate Cx. 2% disseminated sulphides.
52.21	55.6	Silicification 10; Carbonate 1; Chlorite 1	Sil10; Car01; Chl01	light grey to white fine grain Quartz vein, with inclusions of intermediate tuff, Strong Sx, weak Cx weak Chl, Py/Po 3%, Galena 3%, Chalco 2%.
55.6	58.34	Carbonate 1; Chlorite 5; Silicification 5; Magnetite 8	Car01; Chl05; Sil05; MAG08	dark grey to black fine grain Mafic tuff with bands of iron formation, moderate Sx veins, weak Cx veins, moderate sp Chl, moderate-strong Mt, 5% disseminated sulphides.
58.34	61.1	Carbonate 3; Chlorite 5; Silicification 8	Car03; Chl05; Sil08	med-light grey fine grain Intermediate Tuff (altered 2c), moderate to strong Sx, moderate Chl, weak-moderate Cx. 2% disseminated sulphides.
61.1	92.31	Carbonate 3; Chlorite 5; Silicification 1	Car03; Chl05; Sil01	med-dark grey-green, fine grain, Mafic tuff, mafic fragments up to 5mm altered to Chl, weak to moderate foliation 25degrees tca, weak-moderate Cx veins, weak Sx veins, moderate pervasive Chl, 1% Py vein associated.
92.31	96.07	Carbonate 8; Chlorite 5; Silicification 3	Car08; Chl05; Sil03	med-dark grey-green, fine grain, Mafic tuff, mafic fragments up to 5mm altered to Chl, weak to moderate foliation 25degrees tca, weak shearing, moderate strong Cx veins, weak-moderate Sx veins, moderate pervasive Chl, 1% Py vein associated.
96.07	97.45	Silicification 10	Sil10	light grey to white fine grain, Quartz vein from strong Sx contains Py/Po 3%, Galena 3%, Chalco 2%.
97.45	102	Carbonate 5; Chlorite 5; Silicification 5	Car05; Chl05; Sil05	med-dark grey-green, fine grain, Mafic tuff, mafic fragments up to 5mm altered to Chl, weak to moderate foliation 25degrees tca, weak shearing, moderate Cx veins, moderate Sx veins, moderate pervasive Chl, 1% Py vein associated. 2 mineralized Qz veins 10-15cm wide

Mineralization
Hole ID: 20HUR022
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Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
22.13	36.19	Sulfides 1%	Su01	med-dark grey-green, fine grain, Mafic tuff, mafic fragments up to 5mm altered to Chl, weak to moderate foliation 25degrees tca, rare inclusions of iron formation, weak-moderate Cx veins, weak Sx veins, moderate pervasive Chl, 1% Py associatted with iron formation inclusions.
36.19	43.72	Sulfides 3%	Su03	Dark grey-black fine grain Iron formation, inclusions of Mafic Tuff and Qtz veins cross cutting the unit, weak-moderate Qz veins, weak Cx veins, weak-moderate selectively pervasive Chl, strong Mt. 3% disseminated sulphides.
43.72	50.75	Sulfides 3%	Su03	dark grey to Red, very fine grain Iron formation with 25% Qtz vein, fractured and weakly breciatted, moderate-strong Sx, weak Chl, weak Cx veins, 3% disseminated sulphides
50.75	52.21	Sulfides 2%	Su02	med-light grey fine grain Intermediate Tuff (altered 2c), moderate to strong Sx, moderate Chl, weak-moderate Cx. 2% disseminated sulphides.
52.21	55.6	Pyrite 3%; Pyrrhotite 3%; Chalcopyrite 2%; Galene 3%	Py03; Po03; Cp02; Gn03	light grey to white fine grain Quartz vein, with inclusions of intermediate tuff, Strong Sx, weak Cx weak Chl, Py/Po 3%, Galena 3%, Chalco 2%.
55.6	58.34	Sulfides 5%	Su05	dark grey to black fine grain Mafic tuff with bands of iron formation, moderate Sx veins, weak Cx veins, moderate sp Chl, moderate-strong Mt, 5% disseminated sulphides.

58.34	61.1	Sulfides 2%	Su02	med-light grey fine grain Intermediate Tuff (altered 2c), moderate to strong Sx, moderate Chl, weak-moderate Cx. 2% disseminated sulphides.
61.1	92.31	Sulfides 1%	Su01	med-dark grey-green, fine grain, Mafic tuff, mafic fragments up to 5mm altered to Chl, weak to moderate foliation 25degrees tca, weak-moderate Cx veins, weak Sx veins, moderate pervasive Chl, 1% Py vein associated.
92.31	96.07	Sulfides .5%	Su.5%	.5% disseminated sulphides.
96.07	97.45	Pyrite 3%; Pyrrhotite 3%; Chalcopyrite 2%; Galene 3%	Py03; Po03; Cp02; Gn03	light grey to white fine grain, Quartz vein from strong Sx contains Py/Po 3%, Galena 3%, Chalco 2%.
97.58	97.69	Sulfides 2%	Su02	2% disseminated
100.39	100.58	Sulfides 3%	Su03	3% disseminated sulphides
101.78	101.81	Sulfides 3%	Su03	3% disseminated sulphides.

Sample Log
Hole ID: 20HUR022
Date Logged: 25-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Length (m)	Sample ID	Cert No.
6.12	7	0.88	797237	A20-10376
7	8	1	797238	A20-10404
8	9	1	797239	A20-10404
9	10	1	797241	A20-10404
10	11	1	797242	A20-10404
11	12	1	797243	A20-10404
12	13	1	797244	A20-10404
13	14	1	797245	A20-10404
14	15	1	797246	A20-10404
15	16	1	797247	A20-10404
16	17	1	797248	A20-10404
17	18	1	797249	A20-10404
18	19	1	797250	A20-10404
19	20.06	1.06	797251	A20-10404
20.06	21.14	1.08	797252	A20-10404
21.14	22.13	0.99	797253	A20-10404
22.13	23	0.87	797254	A20-10404
23	24	1	797255	A20-10404
24	25	1	797256	A20-10404
25	26	1	797257	A20-10404
26	27	1	797258	A20-10404
27	28	1	797259	A20-10404
28	29.07	1.07	797261	A20-10404
29.07	30	0.93	797262	A20-10404
30	31	1	797263	A20-10404
31	32	1	797264	A20-10404
32	33	1	797265	A20-10404
33	34	1	797266	A20-10404
34	35	1	797267	A20-10404
35	36.19	1.19	797268	A20-10404
36.19	37	0.81	797269	A20-10404
37	38	1	797270	A20-10404
38	39.15	1.15	797271	A20-10404
39.15	40.3	1.15	797272	A20-10404
40.3	41.4	1.1	797273	A20-10404
41.4	42.5	1.1	797274	A20-10404

42.5	43.72	1.22	797275	A20-10404
43.72	44.44	0.72	797276	A20-10397
44.44	45.27	0.83	797277	A20-10397
45.27	46	0.73	797278	A20-10397
46	47	1	797279	A20-10397
47	47.7	0.7	797281	A20-10397
47.7	48.4	0.7	797282	A20-10397
48.4	49.15	0.75	797283	A20-10397
49.15	49.91	0.76	797284	A20-10397
49.91	50.75	0.84	797285	A20-10397
50.75	51.42	0.67	797286	A20-10397
51.42	52.21	0.79	797287	A20-10397
52.21	53	0.79	797288	A20-10397
53	53.63	0.63	797289	A20-10397
53.63	54.51	0.88	797290	A20-10397
54.51	55.6	1.09	797291	A20-10397
55.6	56.3	0.7	797292	A20-10397
56.3	57	0.7	797293	A20-10397
57	57.71	0.71	797294	A20-10397
57.71	58.34	0.63	797295	A20-10397
58.34	59	0.66	797296	A20-10397
59	60	1	797297	A20-10397
60	61.1	1.1	797298	A20-10397
61.1	62	0.9	797299	A20-10397
62	63	1	797301	A20-10397
63	64	1	797302	A20-10404
64	65	1	797303	A20-10404
65	66	1	797304	A20-10404
66	67	1	797305	A20-10404
67	68	1	797306	A20-10404
68	69	1	797307	A20-10404
69	70	1	797308	A20-10404
70	71	1	797309	A20-10404
71	72	1	797310	A20-10404
72	73	1	797311	A20-10404
73	74	1	797312	A20-10404
74	75	1	797313	A20-10404
75	76	1	797314	A20-10404
76	76.7	0.7	797315	A20-10404
76.7	77.8	1.1	797316	A20-10404
77.8	78.9	1.1	797317	A20-10404

78.9	80	1.1	797318	A20-10404
80	81	1	797319	A20-10404
81	82	1	797321	A20-10404
82	83	1	797322	A20-10404
83	84	1	797323	A20-10404
84	85	1	797324	A20-10404
85	86.1	1.1	797325	A20-10404
86.1	87.2	1.1	797326	A20-10404
87.2	88.3	1.1	797327	A20-10404
88.3	89.3	1	797328	A20-10404
89.3	90.3	1	797329	A20-10404
90.3	91.3	1	797330	A20-10404
91.3	92.31	1.01	797331	A20-10404
92.31	93.05	0.74	797332	A20-10404
93.05	94	0.95	797333	A20-10404
94	94.7	0.7	797334	A20-10404
94.7	95.38	0.68	797335	A20-10404
95.38	96.07	0.69	797336	A20-10404
96.07	96.77	0.7	797337	A20-10404
96.77	97.45	0.68	797338	A20-10404
97.45	98.15	0.7	797339	A20-10404
98.15	99	0.85	797341	A20-10404
99	100	1	797342	A20-10404
100	100.7	0.7	797343	A20-10404
100.7	101.33	0.63	797344	A20-10404
101.33	102	0.67	797345	A20-10404

Hole ID:	20HUR023	**Datum/Projection:**	NAD 83 Zone 15
Project:	Huronian	**UTM North:**	5378309
Claim/Patent #	321602	**UTM East:**	663991
Township:	Moss Lake	**Dip:**	-65
		Azimuth:	272.2
Start Date:	24-Aug-20	**Drill Company:**	Chibougamau Diamond Drilling ltd
End Date:	25-Aug-20	**Core Size:**	NQ
EOH Depth:	102 m	**Storage Location:**	Huronian
Drill Comments:			

Main Lithology
Hole ID: 20HUR023
Date Logged: 26-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
0	6.27	Overburden (Unsubdivided)	15	Casing
6.27	7.78	Tuff Mafic (unsubdivided)	2c	dark grey-green, fine grain Mafic tuff with 5mm long mafic clasts, weak foliation, moderate-strong pervasive Chl, weak Cx veins, weak Sx veins,
7.78	8.36	Iron formation (unsubdivided)	6c	Dark grey-black fine grain iron formation with Qz vein, strong Mt, weak Cx veins, moderate Sx vein, .5% disseminated sulphides.
8.36	11.29	Tuff Mafic (unsubdivided)	2c	dark grey-green, fine grain Mafic tuff with 5mm long mafic clasts, weak foliation, moderate-strong pervasive Chl, weak Cx veins, weak Sx veins,
11.29	12.03	Iron formation (unsubdivided)	6c	Dark grey-black fine grain iron formation with Qz vein, strong Mt, weak Cx veins, moderate Sx vein, 1% disseminated sulphides.
12.03	14.48	Tuff Mafic (unsubdivided)	2c	dark grey-green, fine grain Mafic tuff with 5mm long mafic clasts, weak foliation, moderate-strong pervasive Chl, weak Cx veins, weak Sx veins,
14.48	15.04	Iron formation (unsubdivided)	6c	Dark grey-black fine grain iron formation with Qz vein, strong Mt, weak-moderate Cx veins, moderate Sx vein, 2% disseminated sulphides.
15.04	16.19	Tuff Mafic (unsubdivided)	2c	dark grey-green, fine grain Mafic tuff with 5mm long mafic clasts, weak foliation, moderate-strong pervasive Chl, weak Cx veins, weak Sx veins,
16.19	17.6	Iron formation (unsubdivided)	6c	Dark grey-black fine grain iron formation with Qz vein, strong Mt, weak Cx veins, moderate Sx vein, 1% disseminated sulphides.
17.6	31.12	Tuff Mafic (unsubdivided)	2c	dark grey-green, fine grain Mafic tuff with 5mm long mafic clasts, weak foliation, moderate-strong pervasive Chl, moderate Cx veins, moderate Sx veins,
31.12	34.44	Iron formation (unsubdivided)	6c	Dark grey-black fine grain iron formation with Qz vein, strong Mt, weak Cx veins, moderate Sx vein, 3-5% disseminated sulphides.

34.44	39.99	Iron formation (unsubdivided); Tuff Mafic (unsubdivided)	6c; 2c	Dark grey-green, fine grain Mafic tuff with bands of Iron formation making up 40% of the unit, weak/moderate foliation 5-8 degrees tca, moderate-strong Mt, moderate pervasive Chl, weak-moderate Cx, weak SX veins, 2% disseminated sulphides.
39.99	40.57	Tuff Intermediate (unsubdivided)	3b	med grey Fine grain Intermediate tuff (altered 2c), moderate-strong Chl, moderate Cx, moderate-strong Sx pervasive,
40.57	41.6	Iron formation (unsubdivided); Tuff Mafic (unsubdivided)	6c; 2c	Dark grey-green, fine grain Mafic tuff with bands of Iron formation making up 40% of the unit, weak/moderate foliation 5-8 degrees tca, moderate-strong Mt, moderate pervasive Chl, weak-moderate Cx, weak SX veins, 2% disseminated sulphides.
41.6	44.06	Tuff Intermediate (unsubdivided)	3b	med grey Fine grain Intermediate tuff (altered 2c), moderate-strong Chl, moderate Cx, moderate-strong Sx pervasive,
44.06	47.69	Tuff Intermediate (unsubdivided)	3b	med grey Fine grain Intermediate tuff (altered 2c) strong Sx flooding 35% of the rock, moderate Chl, weak Cx, strong pervasive Sx flooding and veins, 2-3% fine disseminated sulphides.
47.69	49.02	Quartz Vein	QTZ	light grey-white fine grain Quartz vein, Strong Sx, weak Cx veins, 3% Galena, 2% chalco, 3%Py, 3%Po
49.02	55.32	Tuff Intermediate (unsubdivided)	3b	med grey Fine grain Intermediate tuff (altered 2c) strong Sx flooding 35% of the rock, moderate Chl, weak Cx, strong pervasive Sx flooding and veins, 2-3% fine disseminated sulphides locally up tp 5%, 2-3% Galena,
55.32	58.07	Tuff Intermediate (unsubdivided)	3b	med grey Fine grain Intermediate tuff (altered 2c), moderate-strong Chl, moderate Cx, moderate-strong Sx pervasive,
58.07	80.05	Tuff Mafic (unsubdivided)	2c	dark grey-green, fine grain Mafic tuff with 5mm long mafic clasts, weak foliation, moderate-strong pervasive Chl, weak-moderate Cx veins, weak-moderate Sx veins, 1% disseminated sulphides vein associated.
80.05	86.63	Massive lava Mafic flows (unsubdivided)	2a	dark grey fine grain Mafic flow, moderate Sx, weak Cx, moderate pervasive Chl, 1% medium grained disseminated cubic Pyrite.
86.63	87.15	Tuff Mafic (unsubdivided)	2c	dark grey-green, fine grain Mafic tuff with 5mm long mafic clasts, weak foliation, moderate-strong pervasive Chl, weak-moderate Cx veins, weak-moderate Sx veins, 1% disseminated sulphides vein associated.

87.15	89.17	Massive lava Mafic flows (unsubdivided)	2a	dark grey fine grain Mafic flow, weak Sx, weak Cx, moderate pervasive Chl.
89.17	97.65	Tuff Mafic (unsubdivided)	2c	dark grey-green, fine grain Mafic tuff with 5mm long mafic clasts, weak foliation, moderate-strong pervasive Chl, weak-moderate Cx veins, weak-moderate Sx veins, 1% disseminated sulphides vein associated.
97.65	101.38	Tuff Mafic (unsubdivided)	2c	dark grey-green, fine grain Mafic tuff with 5mm long mafic clasts, weak foliation, moderatepervasive Chl, moderate Cx veins, weak Sx veins, weak-moderate pervasive Hem, 1% disseminated sulphides vein associated.
101.38	102	Tuff Mafic (unsubdivided)	2c	dark grey-green, fine grain Mafic tuff with 5mm long mafic clasts, weak foliation, moderate-strong pervasive Chl, weak-moderate Cx veins, weak-moderate Sx veins, 1% disseminated sulphides vein associated.

Sub Lithology
Hole ID: 20HUR023
Date Logged: 26-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
53.61	54.12	Sulphide facies iron formation	6cd	med grey fine grain Sulphide facies iron formation, 15% sulphides

Veining
Hole ID: 20HUR023
Date Logged: 26-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Type	Descriptive element	Gangue	Vein	Angle	Minerals	Description
7.78	8.1	Quartz-Calcite 55%	QC	55%					Qz/Cx vein .5% sulphides
18.67	19.23	Quartz-Calcite 40% 20° Sulfides .5-1	QC	40%			20°	Su.5-1	Qz/Cx vein

27.52	28.15	Quartz-Calcite 60% Sulfides 0.5%	QC	60%			Su00.5	Qz/Cx vein
53.07	53.61	Quartz-Vein 80% Sulfides 3%	QV	80%			Su03	Qz vein 3% disseminated sulphides.
57	57.31	Quartz-Vein 60% Sulfides 0.5%	QV	60%			Su00.5	Qz vein .5% sulphides.
64.89	65.4	Quartz-Calcite 60% 25° Sulfides 3%	QC	0.6		25°	Su03	Qz/Cx vein 3% sulphides.
77.49	77.84	Quartz-Calcite 75% Sulfides 3%	QC	0.75			Su03	Qz/Cx vein 3% disseminated sulphides. Py/Po
81.49	82.22	Quartz-Calcite 30% 5° Sulfides 2%	QC	0.3		5°	Su02	Qz/Cx vein running 5 degrees tca 2% disseminated sulphides

Alteration
Hole ID: 20HUR023
Date Logged: 26-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
6.27	7.78	Carbonate 1; Chlorite 8; Silicification 1	Car01; Chl08; Sil01	dark grey-green, fine grain Mafic tuff with 5mm long mafic clasts, weak foliation, moderate-strong pervasive Chl, weak Cx veins, weak Sx veins,
7.78	8.36	Magnetite 10; Carbonate 1; Silicification 5	MAG10; Car01; Sil05	Dark grey-black fine grain iron formation with Qz vein, strong Mt, weak Cx veins, moderate Sx vein, .5% disseminated sulphides.
8.36	11.29	Carbonate 1; Chlorite 8; Silicification 1	Car01; Chl08; Sil01	dark grey-green, fine grain Mafic tuff with 5mm long mafic clasts, weak foliation, moderate-strong pervasive Chl, weak Cx veins, weak Sx veins,

11.29	12.03	Carbonate 1; Silicification 5; Magnetite 10	Car01; Sil05; MAG10	Dark grey-black fine grain iron formation with Qz vein, strong Mt, weak Cx veins, moderate Sx vein, 1% disseminated sulphides.
12.03	14.48	Carbonate 1; Chlorite 8; Silicification 1	Car01; Chl08; Sil01	dark grey-green, fine grain Mafic tuff with 5mm long mafic clasts, weak foliation, moderate-strong pervasive Chl, weak Cx veins, weak Sx veins,
14.48	15.04	Carbonate 3; Silicification 5; Magnetite 10	Car03; Sil05; MAG10	Dark grey-black fine grain iron formation with Qz vein, strong Mt, weak-moderate Cx veins, moderate Sx vein, 2% disseminated sulphides.
15.04	16.19	Carbonate 1; Chlorite 8; Silicification 1	Car01; Chl08; Sil01	dark grey-green, fine grain Mafic tuff with 5mm long mafic clasts, weak foliation, moderate-strong pervasive Chl, weak Cx veins, weak Sx veins,
16.19	17.6	Carbonate 1; Silicification 5	Car01; Sil05	Dark grey-black fine grain iron formation with Qz vein, strong Mt, weak Cx veins, moderate Sx vein, 1% disseminated sulphides.
17.6	31.12	Carbonate 5; Chlorite 8; Silicification 5	Car05; Chl08; Sil05	dark grey-green, fine grain Mafic tuff with 5mm long mafic clasts, weak foliation, moderate-strong pervasive Chl, moderate Cx veins, moderate Sx veins,
31.12	34.44	Carbonate 1; Silicification 5; Magnetite 10	Car01; Sil05; MAG10	Dark grey-black fine grain iron formation with Qz vein, strong Mt, weak Cx veins, moderate Sx vein, 3-5% disseminated sulphides.
34.44	39.99	Carbonate 3; Chlorite 8; Silicification 1; Magnetite 8	Car03; Chl08; Sil01; MAG08	Dark grey-green, fine grain Mafic tuff with bands of Iron formation making up 40% of the unit, weak/moderate foliation 5-8 degrees tca, moderate-strong Mt, moderate pervasive Chl, weak-moderate Cx, weak SX veins, 2% disseminated sulphides.
39.99	40.57	Carbonate 5; Chlorite 8; Silicification 8	Car05; Chl08; Sil08	med grey Fine grain Intermediate tuff (altered 2c), moderate-strong Chl, moderate Cx, moderate-strong Sx pervasive,

40.57	41.6	Carbonate 3; Chlorite 5; Silicification 1; Magnetite 8	Car03; Chl05; Sil01; MAG08	Dark grey-green, fine grain Mafic tuff with bands of Iron formation making up 40% of the unit, weak/moderate foliation 5-8 degrees tca, moderate-strong Mt, moderate pervasive Chl, weak-moderate Cx, weak SX veins, 2% disseminated sulphides.
41.6	44.06	Carbonate 5; Chlorite 8; Silicification 8	Car05; Chl08; Sil08	med grey Fine grain Intermediate tuff (altered 2c), moderate-strong Chl, moderate Cx, moderate-strong Sx pervasive,
44.06	47.69	Carbonate 1; Chlorite 5; Silicification 10	Car01; Chl05; Sil10	med grey Fine grain Intermediate tuff (altered 2c) strong Sx flooding 35% of the rock, moderate Chl, weak Cx, strong pervasive Sx flooding and veins, 2-3% fine disseminated sulphides.
47.69	49.02	Carbonate 1; Silicification 10	Car01; Sil10	light grey-white fine grain Quartz vein, Strong Sx, weak Cx veins, 3% Galena, 2% chalco, 3%Py, 3%Po
49.02	55.32	Carbonate 1; Chlorite 5; Silicification 10	Car01; Chl05; Sil10	med grey Fine grain Intermediate tuff (altered 2c) strong Sx flooding 35% of the rock, moderate Chl, weak Cx, strong pervasive Sx flooding and veins, 2-3% fine disseminated sulphides locally up tp 5%, 2-3% Galena,
55.32	58.07	Carbonate 5; Chlorite 8; Silicification 8	Car05; Chl08; Sil08	med grey Fine grain Intermediate tuff (altered 2c), moderate-strong Chl, moderate Cx, moderate-strong Sx pervasive,
58.07	80.05	Carbonate 3; Chlorite 8; Silicification 3	Car03; Chl08; Sil03	dark grey-green, fine grain Mafic tuff with 5mm long mafic clasts, weak foliation, moderate-strong pervasive Chl, weak-moderate Cx veins, weak-moderate Sx veins, 1% disseminated sulphides vein associated.
80.05	86.63	Carbonate 1; Chlorite 5; Silicification 5	Car01; Chl05; Sil05	dark grey fine grain Mafic flow, moderate Sx, weak Cx, moderate pervasive Chl, 1% medium grained disseminated cubic Pyrite.

86.63	87.15	Carbonate 3; Chlorite 8; Silicification 3	Car03; Chl08; Sil03	dark grey-green, fine grain Mafic tuff with 5mm long mafic clasts, weak foliation, moderate-strong pervasive Chl, weak-moderate Cx veins, weak-moderate Sx veins, 1% disseminated sulphides vein associated.
87.15	89.17	Carbonate 1; Chlorite 5; Silicification 1	Car01; Chl05; Sil01	dark grey fine grain Mafic flow, weak Sx, weak Cx, moderate pervasive Chl.
89.17	97.65	Carbonate 3; Chlorite 8; Silicification 3	Car03; Chl08; Sil03	dark grey-green, fine grain Mafic tuff with 5mm long mafic clasts, weak foliation, moderate-strong pervasive Chl, weak-moderate Cx veins, weak-moderate Sx veins, 1% disseminated sulphides vein associated.
97.65	101.38	Carbonate 5; Chlorite 5; Silicification 1; Hematite 3	Car05; Chl05; Sil01; Hem03	dark grey-green, fine grain Mafic tuff with 5mm long mafic clasts, weak foliation, moderatepervasive Chl, moderate Cx veins, weak Sx veins, weak-moderate pervasive Hem, 1% disseminated sulphides vein associated.
101.38	102	Carbonate 3; Chlorite 8; Silicification 3	Car03; Chl08; Sil03	dark grey-green, fine grain Mafic tuff with 5mm long mafic clasts, weak foliation, moderate-strong pervasive Chl, weak-moderate Cx veins, weak-moderate Sx veins, 1% disseminated sulphides vein associated.

Mineralization
Hole ID: 20HUR023
Date Logged: 26-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
7.78	8.36	Sulfides 0.5%	Su00.5	Dark grey-black fine grain iron formation with Qz vein, strong Mt, weak Cx veins, moderate Sx vein, .5% disseminated sulphides.

11.29	12.03	Sulfides 1%	Su01	Dark grey-black fine grain iron formation with Qz vein, strong Mt, weak Cx veins, moderate Sx vein, 1% disseminated sulphides.
14.48	15.04	Sulfides 2%	Su02	Dark grey-black fine grain iron formation with Qz vein, strong Mt, weak-moderate Cx veins, moderate Sx vein, 2% disseminated sulphides.
16.19	17.6	Sulfides 1%	Su01	Dark grey-black fine grain iron formation with Qz vein, strong Mt, weak Cx veins, moderate Sx vein, 1% disseminated sulphides.
31.12	34.44	Sulfides 3-5	Su3-5	Dark grey-black fine grain iron formation with Qz vein, strong Mt, weak Cx veins, moderate Sx vein, 3-5% disseminated sulphides.
34.44	39.99	Sulfides 2%	Su02	Dark grey-green, fine grain Mafic tuff with bands of Iron formation making up 40% of the unit, weak/moderate foliation 5-8 degrees tca, moderate-strong Mt, moderate pervasive Chl, weak-moderate Cx, weak SX veins, 2% disseminated sulphides.
40.57	41.6	Sulfides 2%	Su02	Dark grey-green, fine grain Mafic tuff with bands of Iron formation making up 40% of the unit, weak/moderate foliation 5-8 degrees tca, moderate-strong Mt, moderate pervasive Chl, weak-moderate Cx, weak SX veins, 2% disseminated sulphides.
44.06	47.69	Sulfides 2-3	Su2-3	med grey Fine grain Intermediate tuff (altered 2c) strong Sx flooding 35% of the rock, moderate Chl, weak Cx, strong pervasive Sx flooding and veins, 2-3% fine disseminated sulphides.
47.69	49.02	Pyrite 3%; Pyrrhotite 3%; Chalcopyrite 2%; Galene 3%	Py03; Po03; Cp02; Gn03	light grey-white fine grain Quartz vein, Strong Sx, weak Cx veins, 3% Galena, 2% chalco, 3%Py, 3%Po

49.02	55.32	Galene 2-3; Sulfides 2-5	Gn2-3; Su2-5	med grey Fine grain Intermediate tuff (altered 2c) strong Sx flooding 35% of the rock, moderate Chl, weak Cx, strong pervasive Sx flooding and veins, 2-3% fine disseminated sulphides locally up tp 5%, 2-3% Galena,
58.07	76	Sulfides 1%	Su01	dark grey-green, fine grain Mafic tuff with 5mm long mafic clasts, weak foliation, moderate-strong pervasive Chl, weak-moderate Cx veins, weak-moderate Sx veins, 1% disseminated sulphides vein associated.
80.05	86.63	Pyrite 1%	Py01	dark grey fine grain Mafic flow, moderate Sx, weak Cx, moderate pervasive Chl, 1% medium grained disseminated cubic Pyrite.
86.63	87.15	Pyrite 1%	Py01	dark grey-green, fine grain Mafic tuff with 5mm long mafic clasts, weak foliation, moderate-strong pervasive Chl, weak-moderate Cx veins, weak-moderate Sx veins, 1% disseminated sulphides vein associated.
89.17	97.65	Sulfides 1%	Su01	dark grey-green, fine grain Mafic tuff with 5mm long mafic clasts, weak foliation, moderate-strong pervasive Chl, weak-moderate Cx veins, weak-moderate Sx veins, 1% disseminated sulphides vein associated.
97.65	101.38	Sulfides 1%	Su01	dark grey-green, fine grain Mafic tuff with 5mm long mafic clasts, weak foliation, moderatepervasive Chl, moderate Cx veins, weak Sx veins, weak-moderate pervasive Hem, 1% disseminated sulphides vein associated.
101.38	102	Sulfides 1%	Su01	dark grey-green, fine grain Mafic tuff with 5mm long mafic clasts, weak foliation, moderate-strong pervasive Chl, weak-moderate Cx veins, weak-moderate Sx veins, 1% disseminated sulphides vein associated.

Sample Log
Hole ID: 20HUR023
Date Logged: 26-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Length (m)	Sample ID	Cert No.
6.27	7	0.73	797346	A20-10404
7	7.78	0.78	797347	A20-10348
7.78	8.36	0.58	797348	A20-10348
8.36	9.2	0.84	797349	A20-10348
9.2	10.2	1	797350	A20-10348
10.2	11.29	1.09	797351	A20-10345
11.29	12.03	0.74	797352	A20-10345
12.03	13.2	1.17	797353	A20-10345
13.2	14.48	1.28	797354	A20-10345
14.48	15.04	0.56	797355	A20-10345
15.04	16.19	1.15	797356	A20-10345
16.19	16.89	0.7	797357	A20-10345
16.89	17.6	0.71	797358	A20-10345
17.6	18.67	1.07	797359	A20-10345
18.67	19.39	0.72	797361	A20-10345
19.39	20.09	0.7	797362	A20-10345
20.09	21	0.91	797363	A20-10345
21	22	1	797364	A20-10345
22	23	1	797365	A20-10345
23	24	1	797366	A20-10345
24	25	1	797367	A20-10345
25	26	1	797368	A20-10345
26	27	1	797369	A20-10345
27	28.15	1.15	797370	A20-10345
28.15	29	0.85	797371	A20-10345
29	30	1	797372	A20-10345
30	31.12	1.12	797373	A20-10345
31.12	32	0.88	797374	A20-10345
32	32.7	0.7	797375	A20-10345
32.7	33.4	0.7	797376	A20-10345
33.4	34.44	1.04	797377	A20-10345
34.44	35.15	0.71	797378	A20-10345
35.15	36	0.85	797379	A20-10345
36	37	1	797381	A20-10345
37	38	1	797382	A20-10345
38	39	1	797383	A20-10345

39	39.99	0.99	797384	A20-10345
39.99	40.57	0.58	797385	A20-10345
40.57	41.6	1.03	797386	A20-10345
41.6	42.3	0.7	797387	A20-10345
42.3	43	0.7	797388	A20-10345
43	44.06	1.06	797389	A20-10345
44.06	44.8	0.74	797390	A20-10348
44.8	45.57	0.77	797391	A20-10348
45.57	46.27	0.7	797392	A20-10348
46.27	46.96	0.69	797393	A20-10348
46.96	47.69	0.73	797394	A20-10348
47.69	48.39	0.7	797395	A20-10348
48.39	49.02	0.63	797396	A20-10348
49.02	50	0.98	797397	A20-10348
50	50.9	0.9	797398	A20-10348
50.9	51.61	0.71	797399	A20-10348
51.61	52.34	0.73	797401	A20-10348
52.34	53	0.66	797402	A20-10348
53	53.61	0.61	797403	A20-10348
53.61	54.27	0.66	797404	A20-10348
54.27	55.32	1.05	797405	A20-10348
55.32	56.02	0.7	797406	A20-10348
56.02	56.77	0.75	797407	A20-10348
56.77	57.47	0.7	797408	A20-10348
57.47	58.07	0.6	797409	A20-10348
58.07	59	0.93	797410	A20-10348
59	60	1	797411	A20-10348
60	61	1	797412	A20-10348
61	62	1	797413	A20-10345
62	63	1	797414	A20-10345
63	64	1	797415	A20-10345
64	64.7	0.7	797416	A20-10345
64.7	65.4	0.7	797417	A20-10345
65.4	66.08	0.68	797418	A20-10345
66.08	67	0.92	797419	A20-10345
67	68	1	797421	A20-10345
68	69	1	797422	A20-10345
69	70	1	797423	A20-10345
70	71	1	797424	A20-10345
71	72	1	797425	A20-10345
72	73	1	797426	A20-10345

73	74	1	797427	A20-10345
74	75	1	797428	A20-10345
75	76	1	797429	A20-10345
76	77	1	797430	A20-10345
77	77.84	0.84	797431	A20-10345
77.84	78.53	0.69	797432	A20-10345
78.53	79.22	0.69	797433	A20-10345
79.22	80.05	0.83	797434	A20-10345
80.05	81.2	1.15	797435	A20-10345
81.2	82.22	1.02	797436	A20-10345
82.22	83.44	1.22	797437	A20-10345
83.44	84.54	1.1	797438	A20-10345
84.54	85.6	1.06	797439	A20-10345
85.6	86.63	1.03	797441	A20-10345
86.63	87.15	0.52	797442	A20-10345
87.15	88	0.85	797443	A20-10345
88	89.17	1.17	797444	A20-10345
89.17	90	0.83	797445	A20-10345
90	91	1	797446	A20-10345
91	92.13	1.13	797447	A20-10345
92.13	93.26	1.13	797448	A20-10345
93.26	94.36	1.1	797449	A20-10345
94.36	95.36	1	797450	A20-10345
95.36	96.56	1.2	797451	A20-10345
96.56	97.63	1.07	797452	A20-10345
97.63	98.8	1.17	797453	A20-10345
98.8	99.52	0.72	797454	A20-10345
99.52	100.32	0.8	797455	A20-10345
100.32	101.38	1.06	797456	A20-10345
101.38	102	0.62	797457	A20-10345

Hole ID:	20HUR024	**Datum/Projection:**	NAD 83 Zone 15
Project:	Huronian	**UTM North:**	5378310
Claim/Patent #	321062	**UTM East:**	663992.00
Township:	Moss Lake	**Dip:**	-45
		Azimuth:	269.2
Start Date:	25-Aug-20	**Drill Company:**	Chibougamau Diamond Drilling ltd
End Date:	26-Aug-20	**Core Size:**	NQ
EOH Depth:	102 m	**Storage Location:**	Huronian
Drill Comments:			

Main Lithology
Hole ID: 20HUR024
Date Logged: 26-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
0	6.61	Overburden (Unsubdivided)	15	Casing
6.61	10.36	Tuff Mafic (unsubdivided)	2c	dark grey-green fine grain, Mafic tuff, with fragments of iron formation(6c), mafic fragments up to 2mm have been altered to Chl, weak Cx pervasive, weak sx veins, moderate pervasive Chl, weak Mt,
10.36	11.51	Iron formation (unsubdivided)	6c	Dark grey-black fine grain Iron formation, fractured and infilled with carbonate, inclusions of Mafic tuff, weak Cx, weak Sx, strong Mt, 1% disseminated sulphides.
11.51	29.65	Tuff Mafic (unsubdivided); Iron formation (unsubdivided)	2c; 6c	dark grey-green fine grain, Mafic tuff, with fragments of iron formation(6c), mafic fragments up to 2mm have been altered to Chl, weak-moderate pervasive Cx, weak-moderate sx veins, moderate pervasive Chl, weak Mt, 1% disseminated sulphides associated with iron formation fragments.
29.65	31.47	Tuff Mafic (unsubdivided)	2c	dark grey-green fine grain, Mafic tuff, mafic fragments up to 2mm have been altered to Chl, moderate/strong pervasive Cx, weak sx veins, moderate pervasive Chl,
31.47	33	Tuff Mafic (unsubdivided)	2c	dark grey-green fine grain, Mafic tuff, with fragments of iron formation(6c), mafic fragments up to 2mm have been altered to Chl, weak Cx pervasive, weak sx veins, moderate pervasive Chl, weak Mt, 1% disseminated sulphides associated with iron formation.
33	33.75	Tuff Mafic (unsubdivided)	2c	dark grey-green fine grain, Mafic tuff, mafic fragments up to 2mm have been altered to Chl, moderate/strong pervasive Cx, weak sx veins, moderate pervasive Chl,
33.75	50.57	Tuff Mafic (unsubdivided)	2c	dark grey-green fine grain, Mafic tuff, with fragments of iron formation(6c), mafic fragments up to 2mm have been altered to Chl, weak Cx pervasive, weak sx veins, moderate pervasive Chl, weak Mt, 1% disseminated sulphides associated with iron formation. With Selectively pervasive 2c without iron

				formation and with moderate/strong pervasive Cx, weak sx veins, moderate pervasive Chl,
50.57	52.95	Iron formation (unsubdivided)	6c	Dark grey-black fine grain Iron formation, fractured and infilled with carbonate, inclusions of Mafic tuff, weak Cx, weak Sx, strong Mt, 1% disseminated sulphides.
52.95	60.61	Tuff Mafic (unsubdivided)	2c	dark grey-green fine grain, Mafic tuff, with fragments of iron formation(6c), mafic fragments up to 2mm have been altered to Chl, weak Cx pervasive, weak sx veins, moderate pervasive Chl, weak Mt, 1% disseminated sulphides associated with iron formation.
60.61	73.38	Tuff Mafic (unsubdivided)	2c	dark grey-green fine grain, Mafic tuff, mafic fragments up to 2mm have been altered to Chl, moderate/strong pervasive Cx, weak sx veins, moderate pervasive Chl,
73.38	77	Tuff Mafic (unsubdivided)	2c	dark grey-green fine grain, Mafic tuff, mafic fragments up to 2mm have been altered to Chl, moderate/strong pervasive Cx, weak sx veins, moderate pervasive Chl, weak pervasive hematitc alt.
77	81.45	Tuff Mafic (unsubdivided)	2c	dark grey-green fine grain, Mafic tuff, mafic fragments up to 2mm have been altered to Chl, moderate/strong pervasive Cx, weak sx veins, moderate pervasive Chl,
81.45	82.38	Tuff Intermediate (unsubdivided)	3b	Med grey fine grey Intermediate Tuff (2c with strong Sx and cx alt.) strong Sx moderate-strong Cx, weak Chl,
82.38	89.85	Quartz Vein	QTZ	med grey-white fine grain Quartz vein, flooded 3b and Quartz. weak foliation, Strong Sx, weak-moderate Cx, weak selectively pervasive Chl. 3-5% disseminated sulphides,
89.85	91.48	Tuff Intermediate (unsubdivided)	3b	Med grey fine grey Intermediate Tuff (2c with strong Sx and cx alt.) strong Sx moderate-strong Cx, weak Chl,
91.48	102	Tuff Mafic (unsubdivided)	2c	dark grey-green fine grain, Mafic tuff, mafic fragments up to 2mm have been altered to Chl, moderate/strong pervasive Cx, weak sx veins, moderate pervasive Chl,

Veining
Hole ID: 20HUR024
Date Logged: 26-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Type	Descriptive element	Gangue	Vein	Angle	Minerals	Description
7.43	7.6	Quartz-Calcite 70% Sulfides 2%	QC	70%				Su02	Qz/Cx vein 2% sulphides
35.23	35.87	Quartz-Calcite 70% Sulfides 3%	QC	70%				Su03	Qz/Cx vein with iron formation. 3% disseminated sulphides.

Alteration
Hole ID: 20HUR024
Date Logged: 26-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
6.61	10.36	Carbonate 1; Chlorite 5; Silicification 1; Magnetite 1	Car01; Chl05; Sil01; MAG01	dark grey-green fine grain, Mafic tuff, with fragments of iron formation(6c), mafic fragments up to 2mm have been altered to Chl, weak Cx pervasive, weak sx veins, moderate pervasive Chl, weak Mt,
10.36	11.51	Magnetite 10; Carbonate 1; Silicification 1	MAG10; Car01; Sil01	Dark grey-black fine grain Iron formation, fractured and infilled with carbonate, inclusions of Mafic tuff, weak Cx, weak Sx, strong Mt, 1% disseminated sulphides.
11.51	29.65	Carbonate 3; Chlorite 5; Silicification 3; Magnetite 1	Car03; Chl05; Sil03; MAG01	dark grey-green fine grain, Mafic tuff, with fragments of iron formation(6c), mafic fragments up to 2mm have been altered to Chl, weak-moderate pervasive Cx, weak-moderate sx veins, moderate pervasive Chl, weak Mt, 1% disseminated sulphides associated with iron formation fragments.

29.65	31.47	Carbonate 8; Chlorite 5; Silicification 1	Car08; Chl05; Sil01	dark grey-green fine grain, Mafic tuff, mafic fragments up to 2mm have been altered to Chl, moderate/strong pervasive Cx, weak sx veins, moderate pervasive Chl,
31.47	33	Carbonate 1; Chlorite 5; Silicification 1; Magnetite 1	Car01; Chl05; Sil01; MAG01	dark grey-green fine grain, Mafic tuff, with fragments of iron formation(6c), mafic fragments up to 2mm have been altered to Chl, weak Cx pervasive, weak sx veins, moderate pervasive Chl, weak Mt, 1% disseminated sulphides associated with iron formation.
33	33.75	Carbonate 8; Chlorite 5; Silicification 1	Car08; Chl05; Sil01	dark grey-green fine grain, Mafic tuff, mafic fragments up to 2mm have been altered to Chl, moderate/strong pervasive Cx, weak sx veins, moderate pervasive Chl,
33.75	50.57	Carbonate 1-8; Chlorite 5; Silicification 1; Magnetite 1	Car1-8; Chl05; Sil01; MAG01	dark grey-green fine grain, Mafic tuff, with fragments of iron formation(6c), mafic fragments up to 2mm have been altered to Chl, weak Cx pervasive, weak sx veins, moderate pervasive Chl, weak Mt, 1% disseminated sulphides associated with iron formation. With Selectively pervasive 2c without iron formation and with moderate/strong pervasive Cx, weak sx veins, moderate pervasive Chl,
50.57	52.95	Carbonate 1; Silicification 1; Magnetite 10	Car01; Sil01; MAG10	Dark grey-black fine grain Iron formation, fractured and infilled with carbonate, inclusions of Mafic tuff, weak Cx, weak Sx, strong Mt, 1% disseminated sulphides.
52.95	60.61	Carbonate 1; Chlorite 5; Silicification 1; Magnetite 1	Car01; Chl05; Sil01; MAG01	dark grey-green fine grain, Mafic tuff, with fragments of iron formation(6c), mafic fragments up to 2mm have been altered to Chl, weak Cx pervasive, weak sx veins, moderate pervasive Chl, weak Mt, 1% disseminated sulphides associated with iron formation.
60.61	73.38	Carbonate 8; Chlorite 5; Silicification 1	Car08; Chl05; Sil01	dark grey-green fine grain, Mafic tuff, mafic fragments up to 2mm have been altered to Chl, moderate/strong pervasive Cx, weak sx veins, moderate pervasive Chl,
73.38	77	Carbonate 8; Chlorite 5; Silicification 1; Hematite 1	Car08; Chl05; Sil01; Hem01	dark grey-green fine grain, Mafic tuff, mafic fragments up to 2mm have been altered to Chl, moderate/strong pervasive Cx, weak sx veins, moderate pervasive Chl, weak pervasive hematitc alt.

77	81.45	Carbonate 8; Chlorite 5; Silicification 1	Car08; Chl05; Sil01	dark grey-green fine grain, Mafic tuff, mafic fragments up to 2mm have been altered to Chl, moderate/strong pervasive Cx, weak sx veins, moderate pervasive Chl,
81.45	82.38	Silicification 10; Carbonate 8; Chlorite 1	Sil10; Car08; Chl01	Med grey fine grey Intermediate Tuff (2c with strong Sx and cx alt.) strong Sx moderate-strong Cx, weak Chl,
82.38	89.85	Carbonate 3; Chlorite 1; Silicification 10	Car03; Chl01; Sil10	med grey-white fine grain Quartz vein, flooded 3b and Quartz. weak foliation, Strong Sx, weak-moderate Cx, weak selectively pervasive Chl. 3-5% disseminated sulphides,
89.85	91.48	Silicification 10; Carbonate 8; Chlorite 1	Sil10; Car08; Chl01	Med grey fine grey Intermediate Tuff (2c with strong Sx and cx alt.) strong Sx moderate-strong Cx, weak Chl,
91.48	102	Carbonate 8; Chlorite 5; Silicification 1	Car08; Chl05; Sil01	dark grey-green fine grain, Mafic tuff, mafic fragments up to 2mm have been altered to Chl, moderate/strong pervasive Cx, weak sx veins, moderate pervasive Chl,

Mineralization
Hole ID: 20HUR024
Date Logged: 26-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
10.36	11.51	Sulfides 1%	Su01	Dark grey-black fine grain Iron formation, fractured and infilled with carbonate, inclusions of Mafic tuff, weak Cx, weak Sx, strong Mt, 1% disseminated sulphides.
11.51	29.65	Sulfides 1%	Su01	dark grey-green fine grain, Mafic tuff, with fragments of iron formation(6c), mafic fragements up to 2mm have been altered to Chl, weak-moderate pervasive Cx, weak-moderate sx veins, moderate pervasive Chl, weak Mt, 1% disseminated sulphides associated with iron formation fragments.

31.47	33	Sulfides 1%	Su01	dark grey-green fine grain, Mafic tuff, with fragments of iron formation(6c), mafic fragements up to 2mm have been altered to Chl, weak Cx pervasive, weak sx veins, moderate pervasive Chl, weak Mt, 1% disseminated sulphides associated with iron formation.
33.75	50.55	Sulfides 1%	Su01	dark grey-green fine grain, Mafic tuff, with fragments of iron formation(6c), mafic fragements up to 2mm have been altered to Chl, weak-moderate pervasive Cx, weak-moderate sx veins, moderate pervasive Chl, weak Mt, 1% disseminated sulphides associated with iron formation fragments.
50.55	52.95	Sulfides 1%	Su01	Dark grey-black fine grain Iron formation, fractured and infilled with carbonate, inclusions of Mafic tuff, weak Cx, weak Sx, strong Mt, 1% disseminated sulphides.
52.95	60.61	Sulfides 1%	Su01	dark grey-green fine grain, Mafic tuff, with fragments of iron formation(6c), mafic fragements up to 2mm have been altered to Chl, weak Cx pervasive, weak sx veins, moderate pervasive Chl, weak Mt, 1% disseminated sulphides associated with iron formation.
81.45	82.38	Sulfides 1%	Su01	1% disseminated sulphides.
82.38	89.85	Sulfides 3-5	Su3-5	large Qtz vein 3-5% disseminated sulphides.
89.85	91.48	Sulfides 1%	Su01	1% disseminated sulphides.

Sample Log
Hole ID: 20HUR024
Date Logged: 26-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Length (m)	Sample ID	Cert No.
6.61	7.2	0.59	797458	A20-10345
7.2	7.92	0.72	797459	A20-10368
7.92	9	1.08	797461	A20-10368
9	9.7	0.7	797462	A20-10368
9.7	10.36	0.66	797463	A20-10368
10.36	11.51	1.15	797464	A20-10368
11.51	12.27	0.76	797465	A20-10368
12.27	13	0.73	797466	A20-10368
13	14	1	797467	A20-10368
14	14.9	0.9	797468	A20-10368
14.9	15.38	0.48	797469	A20-10368
15.38	16.66	1.28	797470	A20-10368
16.66	17.2	0.54	797471	A20-10368
17.2	18	0.8	797472	A20-10368
18	19	1	797473	A20-10368
19	20	1	797474	A20-10368
20	21	1	797475	A20-10368
21	22	1	797476	A20-10368
22	23	1	797477	A20-10368
23	24	1	797478	A20-10368
24	25	1	797479	A20-10368
25	25.7	0.7	797481	A20-10368
25.7	26.42	0.72	797482	A20-10368
26.42	27.15	0.73	797483	A20-10368
27.15	28	0.85	797484	A20-10368
28	28.9	0.9	797485	A20-10368
28.9	29.6	0.7	797486	A20-10368
29.6	30.3	0.7	797487	A20-10368
30.3	31.47	1.17	797488	A20-10368
31.47	32.39	0.92	797489	A20-10368
32.39	33	0.61	797490	A20-10368
33	33.75	0.75	797491	A20-10368
33.75	34.85	1.1	797492	A20-10368
34.85	35.87	1.02	797493	A20-10368
35.87	36.55	0.68	797494	A20-10368
36.55	37.24	0.69	797495	A20-10368

37.24	38	0.76	797496	A20-10368
38	39	1	797497	A20-10368
39	40	1	797498	A20-10368
40	41	1	797499	A20-10368
41	42	1	764001	A20-10368
42	43	1	764002	A20-10368
43	44	1	764003	A20-10368
44	45	1	764004	A20-10368
45	46.1	1.1	764005	A20-10368
46.1	47.2	1.1	764006	A20-10368
47.2	48.3	1.1	764007	A20-10368
48.3	49.4	1.1	764008	A20-10368
49.4	50.57	1.17	764009	A20-10368
50.57	51.25	0.68	764010	A20-10368
51.25	51.95	0.7	764011	A20-10368
51.95	52.95	1	764012	A20-10368
52.95	54	1.05	764013	A20-10368
54	55	1	764014	A20-10368
55	56	1	764015	A20-10368
56	57	1	764016	A20-10368
57	58	1	764017	A20-10368
58	59.06	1.06	764018	A20-10368
59.06	59.75	0.69	764019	A20-10368
59.75	60.61	0.86	764021	A20-10368
60.61	61.29	0.68	764022	A20-10368
61.29	62	0.71	764023	A20-10368
62	63	1	764024	A20-10368
63	64	1	764025	A20-10368
64	65	1	764026	A20-10368
65	66	1	764027	A20-10368
66	67	1	764028	A20-10368
67	68	1	764029	A20-10368
68	69	1	764030	A20-10368
69	70	1	764031	A20-10368
70	71	1	764032	A20-10368
71	72	1	764033	A20-10368
72	72.7	0.7	764034	A20-10368
72.7	73.38	0.68	764035	A20-10368
73.38	74.26	0.88	764036	A20-10368
74.26	75	0.74	764037	A20-10368
75	76	1	764038	A20-10368

76	77	1	764039	A20-10368
77	78	1	764041	A20-10368
78	79.2	1.2	764042	A20-10368
79.2	80.35	1.15	764043	A20-10368
80.35	81.45	1.1	764044	A20-10368
81.45	82.38	0.93	764045	A20-10372
82.38	83.24	0.86	764046	A20-10372
83.24	84	0.76	764047	A20-10372
84	85	1	764048	A20-10372
85	86	1	764049	A20-10372
86	86.8	0.8	764050	A20-10372
86.8	87.43	0.63	764051	A20-10372
87.43	88.1	0.67	764052	A20-10372
88.1	89.04	0.94	SOH	A20-10372
89.04	89.85	0.81	764054	A20-10372
89.85	90.57	0.72	764055	A20-10368
90.57	91.48	0.91	764056	A20-10368
91.48	92.3	0.82	764057	A20-10368
92.3	93.2	0.9	764058	A20-10368
93.2	94.05	0.85	764059	A20-10368
94.05	95	0.95	764061	A20-10368
95	96	1	764062	A20-10368
96	97	1	764063	A20-10368
97	97.8	0.8	764064	A20-10368
97.8	99	1.2	764065	A20-10368
99	100	1	764066	A20-10368
100	101	1	764067	A20-10368
101	102	1	764068	A20-10368

Hole ID:	20HUR025	**Datum/Projection:**	NAD 83 Zone 15
Project:	Huronian	**UTM North:**	5378355
Claim/Patent #	PAT-15492 & 321602	**UTM East:**	664004
Township:	Moss Lake	**Dip:**	-45
		Azimuth:	109.4
Start Date:	29-Aug-20	**Drill Company:**	Chibougamau Diamond Drilling ltd
End Date:	29-Aug-20	**Core Size:**	NQ
EOH Depth:	101.56 m	**Storage Location:**	Huronian
Drill Comments:			

Main Lithology
Hole ID: 20HUR025
Date Logged: 30-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
0	9.35	Overburden (Unsubdivided)	15	Casing
9.35	9.9	Iron formation (unsubdivided)	6c	dark grey-black fine grain Iron formation Strong Mt wweak Sx veins.
9.9	13.74	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain Mafic Tuff with Mafic fragments up to 1cm long, Mafic clasts have altered to Chl, weak-moderate foliation 35 degrees to core axis, weak Cx veins, weak Sx veins, moderate pervasive Chl.
13.74	18	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain Mafic Tuff with Mafic fragments up to 1cm long, Mafic clasts have altered to Chl, weak-moderate foliation 35 degrees to core axis, moderate Cx veins, moderate Sx veins, weak-moderate pervasive Chl.
18	24	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain Mafic Tuff with Mafic fragments up to 1cm long, Mafic clasts have altered to Chl, weak-moderate foliation 35 degrees to core axis, weak-moderate Cx veins, moderate Sx veins, weak selectively pervasive Chl.
24	26.38	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain Mafic Tuff with Mafic fragments up to 1cm long, Mafic clasts have altered to Chl, weak-moderate foliation 35 degrees to core axis, weak Cx veins, weak Sx veins, moderate pervasive Chl.
26.38	31.37	Tuff Intermediate (unsubdivided)	3b	med grey fine grain Intermediate tuff (altered mafic tuff) mafic fragments have been altered to Chl, moderate-strong pervasive Sx, moderate Cx veins weak-moderate selectively pervasive Chl. 1% disseminated sulphides locally up to 3%.
31.37	32.23	Quartz Vein	QTZ	light grey-white fine grain Quartz vein, strong Sx, 3-5% sulphides, 2% chalco, 3% Galena

32.23	35.07	Tuff Intermediate (unsubdivided)	3b	med grey fine grain Intermediate tuff (altered mafic tuff) mafic fragments have been altered to Chl, moderate-strong pervasive Sx, moderate Cx veins weak-moderate selectively pervasive Chl. 1% disseminated sulphides locally up to 3%.
35.07	36.43	Quartz Vein	QTZ	light grey-white fine grain Quartz vein(flooding) strong Sx, 3-5% disseminated sulphides
36.43	38.45	Tuff Intermediate (unsubdivided)	3b	med grey fine grain Intermediate tuff (altered mafic tuff) mafic fragments have been altered to Chl, moderate-strong pervasive Sx, moderate Cx veins weak-moderate selectively pervasive Chl. 1% disseminated sulphides locally up to 3%.
38.45	40.39	Iron formation (unsubdivided)	6c	dark grey-black-red, fine grain Iron formation, with fragments of Mafic tuff, Strong Mt weak-moderate Cx veins, moderate Sx veins. 2% disseminated sulpihdes.
40.39	43.36	Tuff Mafic (unsubdivided); Tuff Intermediate (unsubdivided)	2c; 3b	medium to dark grey fine grain Mafic to Intermediate Tuff, mafic clasts up to 1cm, Mafic clasts have altered to Chl, weak-moderate foliation 35 degrees to core axis, weak-moderate Cx veins, weak-moderate Sx veins, moderate pervasive Chl.
43.36	65.66	Tuff Mafic (unsubdivided); Iron formation (unsubdivided)	2c; 6c	dark grey fine grain Mafic tuff with bands of Iron foramtion, Mafic tuff has mafic fragments that have been altered to Chl, weak-moderate Cx veins, weak-moderate Sx veins, moderate pervasive Chl, weak-moderate selectively pervasive Mt. 1% disseminated sulphides associatted with iron formation bands.
65.66	71	Iron formation (unsubdivided)	6c	Dark grey-black fine grain Iron formation, weak-moderately sheared, with moderate bands of Mafic tuff, Strong Mt, moderate selectively pervasive Chl, weak-moderate Sx veins, weak Cx veins, 2% disseminated sulphides associatted with iron formation.

71	81.57	Tuff Mafic (unsubdivided); Iron formation (unsubdivided)	2c; 6c	dark grey fine grain Mafic tuff with bands of Iron foramtion, Mafic tuff has mafic fragments that have been altered to Chl, weak-moderate Cx veins, weak-moderate Sx veins, moderate pervasive Chl, weak-moderate selectively pervasive Mt. 1% disseminated sulphides associatted with iron formation bands.
71	76.92	Tuff Mafic (unsubdivided); Iron formation (unsubdivided)	2c; 6c	dark grey fine grain Mafic tuff with bands of Iron foramtion, Mafic tuff has mafic fragments that have been altered to Chl, weak-moderate Cx veins, weak-moderate Sx veins, moderate pervasive Chl, weak-moderate selectively pervasive Mt. 1% disseminated sulphides associatted with iron formation bands.
81.57	83.1	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain Mafic Tuff with Mafic fragments up to 1cm long, Mafic clasts have altered to Chl, weak-moderate foliation 35 degrees to core axis, moderate strong pervasive Cx , weak Sx veins, moderate pervasive Chl.
83.1	84.1	Iron formation (unsubdivided)	6c	Dark grey-black fine grain Iron formation, , Strong Mt, moderate selectively pervasive Chl, weak-moderate Sx veins, weak Cx veins, 2% disseminated sulphides associatted with iron formation.
84.1	100.53	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain Mafic Tuff with Mafic fragments up to 1cm long, Mafic clasts have altered to Chl, weak-moderate foliation 35 degrees to core axis, moderate pervasive Cx , weak Sx veins, moderate pervasive Chl.
100.53	101.56	Iron formation (unsubdivided)	6c	Dark grey-black fine grain Iron formation, Strong Mt, moderate selectively pervasive Chl, weak-moderate Sx veins, weak Cx veins, 2% disseminated sulphides associatted with iron formation. EOH

Structure
Hole ID: 20HUR025
Date Logged: 30-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From	To	Title	Summary	Description	Angle
83.1	83.4	Folded	FOLD	Fold	

Veining
Hole ID: 20HUR025
Date Logged: 30-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Type	Descriptive element	Gangue	Vein	Angle	Minerals	Description
13.4	13.58	Quartz-Calcite 60%	QC	60%					Qz/Cx vein
23.6	23.68	Quartz-Calcite 45% Sulfides 0.5%	QC	45%				Su00.5	Qz/Cx vein .5% sulphides
32.42	32.56	Quartz-Calcite 80% Sulfides 3%	QC	0.8				Su03	3% disseminated sulphides
34.34	34.56	Quartz-Calcite 60% Sulfides 2%	QC	0.6				Su02	Qz/Cx vein 2% sulphides
40.39	40.8	Quartz-Calcite 60% Sulfides 2%	QC	0.6				Su02	Qz/Cx vein 2% sulphides
44.17	44.26	Quartz-Calcite 60% Sulfides 2%	QC	0.6				Su02	Qz/Cx vein 2% sulphides
47.72	48.11	Quartz-Calcite 60% Sulfides 1%	QC	0.6				Su01	Qz/Cx vein
76.92	77.23	Quartz-Calcite 60%	QC	0.6					Qz/Cx vein
80.2	80.27	Quartz-Calcite 60%	QC	0.6					Qz/Cx vein
87.62	87.71	Quartz-Calcite 60%	QC	0.6					Qz/Cx vein

Alteration
Hole ID: 20HUR025
Date Logged: 30-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
9.35	9.9	Silicification 1; Magnetite 10	Sil01; MAG10	dark grey-black fine grain Iron formation Strong Mt wweak Sx veins.

9.9	13.74	Carbonate 1; Chlorite 5; Silicification 1	Car01; Chl05; Sil01	med-dark grey fine grain Mafic Tuff with Mafic fragments up to 1cm long, Mafic clasts have altered to Chl, weak-moderate foliation 35 degrees to core axis, weak Cx veins, weak Sx veins, moderate pervasive Chl.
13.74	18	Carbonate 5; Chlorite 3; Silicification 5	Car05; Chl03; Sil05	med-dark grey fine grain Mafic Tuff with Mafic fragments up to 1cm long, Mafic clasts have altered to Chl, weak-moderate foliation 35 degrees to core axis, moderate Cx veins, moderate Sx veins, weak-moderate pervasive Chl.
18	24	Carbonate 3; Chlorite 1; Silicification 5	Car03; Chl01; Sil05	med-dark grey fine grain Mafic Tuff with Mafic fragments up to 1cm long, Mafic clasts have altered to Chl, weak-moderate foliation 35 degrees to core axis, weak-moderate Cx veins, moderate Sx veins, weak selectively pervasive Chl.
24	26.38	Carbonate 1; Chlorite 5; Silicification 1	Car01; Chl05; Sil01	med-dark grey fine grain Mafic Tuff with Mafic fragments up to 1cm long, Mafic clasts have altered to Chl, weak-moderate foliation 35 degrees to core axis, weak Cx veins, weak Sx veins, moderate pervasive Chl.
26.38	31.37	Carbonate 5; Chlorite 3; Silicification 8	Car05; Chl03; Sil08	med grey fine grain Intermediate tuff (altered mafic tuff) mafic fragments have been altered to Chl, moderate-strong pervasive Sx, moderate Cx veins weak-moderate selectively pervasive Chl. 1% disseminated sulphides locally up to 3%.
31.37	32.23	Silicification 10; Carbonate 1	Sil10; Car01	light grey-white fine grain Quartz vein, strong Sx, 3-5% sulphides, 2% chalco, 3% Galena
32.23	35.07	Carbonate 5; Chlorite 3; Silicification 8	Car05; Chl03; Sil08	med grey fine grain Intermediate tuff (altered mafic tuff) mafic fragments have been altered to Chl, moderate-strong pervasive Sx, moderate Cx veins weak-moderate selectively pervasive Chl. 1% disseminated sulphides locally up to 3%.

35.07	36.43	Silicification 10; Carbonate 1	Sil10; Car01	light grey-white fine grain Quartz vein(flooding) strong Sx, 3-5% disseminated sulphides
36.43	38.45	Carbonate 5; Chlorite 3; Silicification 8	Car05; Chl03; Sil08	med grey fine grain Intermediate tuff (altered mafic tuff) mafic fragments have been altered to Chl, moderate-strong pervasive Sx, moderate Cx veins weak-moderate selectively pervasive Chl. 1% disseminated sulphides locally up to 3%.
38.45	40.39	Carbonate 3; Silicification 5; Magnetite 10	Car03; Sil05; MAG10	dark grey-black-red, fine grain Iron formation, with fragments of Mafic tuff, Strong Mt weak-moderate Cx veins, moderate Sx veins. 2% disseminated sulpihdes.
40.39	43.36	Carbonate 3; Chlorite 5; Silicification 3	Car03; Chl05; Sil03	medium to dark grey fine grain Mafic to Intermediate Tuff, mafic clasts up to 1cm, Mafic clasts have altered to Chl, weak-moderate foliation 35 degrees to core axis, weak-moderate Cx veins, weak-moderate Sx veins, moderate pervasive Chl.
43.36	65.66	Carbonate 3; Chlorite 5; Silicification 3; Magnetite 1	Car03; Chl05; Sil03; MAG01	dark grey fine grain Mafic tuff with bands of Iron foramtion, Mafic tuff has mafic fragments that have been altered to Chl, weak-moderate Cx veins, weak-moderate Sx veins, moderate pervasive Chl, weak-moderate selectively pervasive Mt. 1% disseminated sulphides associatted with iron formation bands.
65.66	71	Magnetite 10; Carbonate 1; Chlorite 5; Silicification 3	MAG10; Car01; Chl05; Sil03	Dark grey-black fine grain Iron formation, weak-moderately sheared, with moderate bands of Mafic tuff, Strong Mt, moderate selectively pervasive Chl, weak-moderate Sx veins, weak Cx veins, 2% disseminated sulphides associatted with iron formation.

71	81.57	Carbonate 3; Chlorite 5; Magnetite 1; Silicification 3	Car03; Chl05; MAG01; Sil03	dark grey fine grain Mafic tuff with bands of Iron foramtion, Mafic tuff has mafic fragments that have been altered to Chl, weak-moderate Cx veins, weak-moderate Sx veins, moderate pervasive Chl, weak-moderate selectively pervasive Mt. 1% disseminated sulphides associatted with iron formation bands.
71	76.92	Carbonate 3; Chlorite 5; Magnetite 1; Silicification 3	Car03; Chl05; MAG01; Sil03	dark grey fine grain Mafic tuff with bands of Iron foramtion, Mafic tuff has mafic fragments that have been altered to Chl, weak-moderate Cx veins, weak-moderate Sx veins, moderate pervasive Chl, weak-moderate selectively pervasive Mt. 1% disseminated sulphides associatted with iron formation bands.
81.57	83.1	Carbonate 8; Chlorite 5; Silicification 1	Car08; Chl05; Sil01	med-dark grey fine grain Mafic Tuff with Mafic fragments up to 1cm long, Mafic clasts have altered to Chl, weak-moderate foliation 35 degrees to core axis, moderate strong pervasive Cx , weak Sx veins, moderate pervasive Chl.
83.1	84.1	Magnetite 10; Carbonate 1; Chlorite 5	MAG10; Car01; Chl05	Dark grey-black fine grain Iron formation, weak-moderately sheared, Strong Mt, moderate selectively pervasive Chl, weak-moderate Sx veins, weak Cx veins, 2% disseminated sulphides associatted with iron formation.
84.1	100.53	Carbonate 5; Chlorite 5; Silicification 1	Car05; Chl05; Sil01	med-dark grey fine grain Mafic Tuff with Mafic fragments up to 1cm long, Mafic clasts have altered to Chl, weak-moderate foliation 35 degrees to core axis, moderate pervasive Cx , weak Sx veins, moderate pervasive Chl.

100.53	101.56	Magnetite 10; Carbonate 1; Chlorite 5; Silicification 3	MAG10; Car01; Chl05; Sil03	Dark grey-black fine grain Iron formation, Strong Mt, moderate selectively pervasive Chl, weak-moderate Sx veins, weak Cx veins, 2% disseminated sulphides associatted with iron formation. EOH

Mineralization
Hole ID: 20HUR025
Date Logged: 30-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
26.38	31.37	Sulfides 1-3	Su1-3	1-3% disseminated sulphides
31.37	32.23	Sulfides 3-5; Chalcopyrite 2%; Galene 3%	Su3-5; Cp02; Gn03	3-5% sulphides 2% chalco 3% galena
32.23	35.07	Sulfides 1-3	Su1-3	1-3% disseminated sulphides
35.07	36.43	Sulfides 3-5	Su3-5	3-5% disseminated sulphides
36.43	38.45	Sulfides 1-3	Su1-3	1-3% disseminated sulphides
38.45	40.39	Sulfides 2%	Su02	2% disseminated sulphides
65.66	71	Sulfides 2%	Su02	2% disseminated sulphides
71	81.57	Sulfides 1%	Su01	1% disseminated sulphides
71	76.92	Sulfides 1%	Su01	1% disseminated sulphides
83.1	84.1	Sulfides 2%	Su02	2% disseminated sulphides associatted with iron formation.
100.53	101.56	Sulfides 2%	Su02	2% disseminated sulphides associatted with iron formation.

Sample Log
Hole ID: 20HUR025
Date Logged: 30-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Length (m)	Sample ID	Cert No.
9.35	9.9	0.55	764370	A20-10368
9.9	11	1.1	764371	A20-11151
11	12	1	764372	A20-11151
12	13	1	764373	A20-11151
13	13.74	0.74	764374	A20-11151
13.74	14.45	0.71	764375	A20-11151
14.45	15	0.55	764376	A20-11151
15	16	1	764377	A20-11151
16	17	1	764378	A20-11151
17	18	1	764379	A20-11151
18	19	1	764381	A20-11151
19	20.06	1.06	764382	A20-11151
20.06	21	0.94	764383	A20-11151
21	22	1	764384	A20-11151
22	22.95	0.95	764385	A20-11151
22.95	24	1.05	764386	A20-11151
24	25	1	764387	A20-11151
25	25.55	0.55	764388	A20-11151
25.55	26.38	0.83	764389	A20-10441
26.38	27.2	0.82	764390	A20-10441
27.2	28.1	0.9	764391	A20-10441
28.1	29	0.9	764392	A20-10441
29	30.15	1.15	764393	A20-10441
30.15	31.37	1.22	764394	A20-10441
31.37	32.23	0.86	764395	A20-10441
32.23	33	0.77	764396	A20-10441
33	33.7	0.7	764397	A20-10441
33.7	34.34	0.64	764398	A20-10441
34.34	35.07	0.73	764399	A20-10441
35.07	35.78	0.71	764401	A20-10441
35.78	36.43	0.65	764402	A20-10441
36.43	37.38	0.95	764403	A20-10441
37.38	38.45	1.07	764404	A20-10441
38.45	39.4	0.95	764405	A20-10441
39.4	40.39	0.99	764406	A20-10441
40.39	41.17	0.78	764407	A20-10441

41.17	41.85	0.68	764408	A20-10441
41.85	42.54	0.69	764409	A20-10441
42.54	43.36	0.82	764410	A20-10451
43.36	44.08	0.72	764411	A20-10451
44.08	45	0.92	764412	A20-10451
45	46	1	764413	A20-10451
46	47	1	764414	A20-10451
47	48.11	1.11	764415	A20-10451
48.11	49	0.89	764416	A20-10451
49	49.94	0.94	764417	A20-10451
49.94	51	1.06	764418	A20-10451
51	52	1	764419	A20-10451
52	53	1	764421	A20-10451
53	54	1	764422	A20-10451
54	55.02	1.02	764423	A20-10451
55.02	56	0.98	764424	A20-10451
56	57	1	764425	A20-10451
57	58	1	764426	A20-10451
58	59.04	1.04	764427	A20-10451
59.04	60	0.96	764428	A20-10451
60	61	1	764429	A20-10451
61	62	1	764430	A20-10451
62	63	1	764431	A20-10451
63	64	1	764432	A20-10451
64	64.83	0.83	764433	A20-10451
64.83	65.66	0.83	764434	A20-10451
65.66	66.5	0.84	764435	A20-10451
66.5	67.4	0.9	764436	A20-10451
67.4	68.3	0.9	764437	A20-10451
68.3	69.2	0.9	764438	A20-10451
69.2	70.1	0.9	764439	A20-10451
70.1	71	0.9	764441	A20-10451
71	72	1	764442	A20-10451
72	73	1	764443	A20-10451
73	74	1	764444	A20-10451
74	75	1	764445	A20-10451
75	76	1	764446	A20-10451
76	76.92	0.92	764447	A20-10451
76.92	78	1.08	764448	A20-10451
78	79	1	764449	A20-10451
79	80	1	764450	A20-10451

80	81	1	764451	A20-10451
81	81.57	0.57	764452	A20-10451
81.57	82.3	0.73	764453	A20-10451
82.3	83.1	0.8	764454	A20-10451
83.1	84.1	1	764455	A20-10451
84.1	85	0.9	764456	A20-10451
85	86	1	764457	A20-10451
86	87	1	764458	A20-10451
87	88	1	764459	A20-10451
88	89	1	764461	A20-10451
89	90	1	764462	A20-10451
90	91	1	764463	A20-10451
91	92	1	764464	A20-10451
92	93	1	764465	A20-10451
93	94	1	764466	A20-10451
94	95	1	764467	A20-10451
95	96	1	764468	A20-10451
96	97.1	1.1	764469	A20-10451
97.1	98.2	1.1	764470	A20-10451
98.2	99.35	1.15	764471	A20-10451
99.35	100.53	1.18	764472	A20-10451
100.53	101.56	1.03	764473	A20-10451

Hole ID:	20HUR026	**Datum/Projection:**	NAD 83 Zone 15
Project:	Huronian	**UTM North:**	5378356
Claim/Patent #	PAT-15492 & 321602	**UTM East:**	664002
Township:	Moss Lake	**Dip:**	-45
		Azimuth:	110
Start Date:	30-Aug-20	**Drill Company:**	Chibougamau Diamond Drilling ltd
End Date:	31-Aug-20	**Core Size:**	NQ
EOH Depth:	102 m	**Storage Location:**	Huronian
Drill Comments:			

Main Lithology
Hole ID: 20HUR026
Date Logged: 31-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
0	7	Overburden (Unsubdivided)	15	Casing
7	8.12	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain Mafic tuff, mafic clasts 1cm long (altered to Chl), moderate pervasive Chl, weak-moderate Sx vein.
8.12	9.44	Iron formation (unsubdivided)	6c	dark grey-black fine grain Iron formation, massive, weak Sx veins, weak Cx veins, 2-3% disseminated sulphides (py,Po)
9.44	22.36	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain Mafic tuff, mafic clasts 1cm long (altered to Chl), moderate pervasive Chl, weak-moderate Sx vein. weak-moderate selectively pervasive Cx, weak selectively pervasive Hem.
22.36	26.44	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain Mafic tuff, mafic clasts 1cm long (altered to Chl), weak pervasive Chl, weak-moderate Sx vein. weak-moderate selectively pervasive Cx, weak-moderate selectively pervasive Hem.
26.44	29.84	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain Mafic tuff, mafic clasts 1cm long (altered to Chl), moderate pervasive Chl, weak-moderate Sx vein. weak-moderate selectively pervasive Cx, weak selectively pervasive Hem.
29.84	31	Tuff Mafic (unsubdivided); Tuff Intermediate (unsubdivided)	2c; 3b	med-dark grey fine grain Intermediate to Mafic tuff, moderate pervasive Sx, weak Cx veins weak-moderate pervasive Chl,
31	32.43	Tuff Intermediate (unsubdivided)	3b	med grey fine grain Intermediate Tuff, weak-moderate Cx veins, moderate Sx grading to strong Sx towards lower contact, weak-moderate selectively perv asive Chl. 1% disseminated sulphides
32.43	35.12	Tuff Intermediate (unsubdivided)	3b	med grey fine grain Intermediate Tuff, weak-moderate Cx veins, strong Sx, weak selectively pervasive Chl. 3-5% disseminated sulphides
35.12	37.21	Oxide facies iron formation	6ca	med grey fine grain Oxide facies Iron formation. moderate-strong Mt, moderate pervasive Sx, weak Cx veins, 1% disseminated sulphides
37.21	42.2	Tuff Intermediate (unsubdivided)	3b	med grey fine grain Intermediate Tuff, weak-moderate Cx veins, strong Sx, weak selectively pervasive Chl. 3% disseminated sulphides

42.2	44.14	Quartz Vein	QTZ	light grey-white fine grain Quartz vein (strong flooding), strong Sx, weak Cx veins, 3-5% disseminated sulphides (Py/Po) 2% disseminated Chalco,
44.14	45.38	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain Mafic tuff, mafic clasts 1cm long (altered to Chl), moderate pervasive Chl, weak-moderate Sx vein. weak-moderate selectively pervasive Cx,
45.38	45.8	Iron formation (unsubdivided)	6c	dark grey-black fine grain Iron formation, massive, weak Sx veins, weak Cx veins, 1% disseminated sulphides (py,Po)
45.8	46.49	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain Mafic tuff, mafic clasts 1cm long (altered to Chl), moderate pervasive Chl, weak-moderate Sx vein. moderate selectively pervasive Cx,
46.49	50.94	Tuff Mafic (unsubdivided); Iron formation (unsubdivided)	2c; 6c	Dark grey- black-green, Fine grain, Mafic tuff with bands of Iron formation, (sheared) modereate-strong Selectively pervasive Mt, moderate-strong Sx veins, moderate selectively pervasive Chl, weak Cx veins, 1% disseminated sulphides associated with Iron formation.
50.94	52	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain Mafic tuff, mafic clasts 1cm long (altered to Chl), moderate pervasive Chl, weak-moderate Sx vein. moderate selectively pervasive Cx,
52	57.53	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain Mafic tuff, mafic clasts 1cm long (altered to Chl), moderate pervasive Chl, weak-moderate Sx vein. weak Cx veins,
57.53	70.67	Tuff Mafic (unsubdivided); Iron formation (unsubdivided)	2c; 6c	Dark grey- black-green, Fine grain, Mafic tuff with bands of Iron formation, (sheared) modereate-strong Selectively pervasive Mt, moderate-strong Sx veins, moderate selectively pervasive Chl, weak Cx veins, 1% disseminated sulphides associated with Iron formation.
70.67	72.86	Massive lava Mafic flows (unsubdivided); Iron formation (unsubdivided)	2a; 6c	Dark grey to black-green, fine grain Massive mafic flow with bands(fragments) of Iron formation, sheared),modereate-strong Selectively pervasive Mt, moderate-strong Sx veins, moderate selectively pervasive Chl, weak Cx veins, 1% disseminated sulphides associated with Iron formation.

72.86	78.76	Tuff Mafic (unsubdivided); Iron formation (unsubdivided)	2c; 6c	Dark grey- black-green, Fine grain, Mafic tuff with bands of Iron formation, (sheared) modereate-strong Selectively pervasive Mt, moderate-strong Sx veins, moderate selectively pervasive Chl, weak Cx veins, 1% disseminated sulphides associated with Iron formation.
78.76	79.37	Iron formation (unsubdivided)	6c	dark grey-black fine grain Iron formation, massive, weak Sx veins, weak Cx veins, 1% disseminated sulphides (py,Po)
79.37	80.73	Tuff Mafic (unsubdivided); Iron formation (unsubdivided)	2c; 6c	Dark grey- black-green, Fine grain, Mafic tuff with bands of Iron formation, (sheared) modereate-strong Selectively pervasive Mt, moderate-strong Sx veins, moderate selectively pervasive Chl, weak Cx veins, 1% disseminated sulphides associated with Iron formation.
80.73	81.71	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain Mafic tuff, mafic clasts 1cm long (altered to Chl), moderate pervasive Chl, weak-moderate Sx vein. moderate pervasive Cx
81.71	82.79	Tuff Mafic (unsubdivided); Iron formation (unsubdivided)	2c; 6c	Dark grey- black-green, Fine grain, Mafic tuff with bands of Iron formation, (sheared) modereate-strong Selectively pervasive Mt, moderate-strong Sx veins, moderate selectively pervasive Chl, weak Cx veins, 1% disseminated sulphides associated with Iron formation.
82.79	87.16	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain Mafic tuff, mafic clasts 1cm long (altered to Chl), moderate-strong pervasive Chl, weak-moderate Sx vein. weak-moderate pervasive Cx
87.16	88	Tuff Mafic (unsubdivided); Iron formation (unsubdivided)	2c; 6c	Dark grey- black-green, Fine grain, Mafic tuff with bands of Iron formation, (sheared) modereate-strong Selectively pervasive Mt, moderate-strong Sx veins, moderate selectively pervasive Chl, weak Cx veins, 1% disseminated sulphides associated with Iron formation.
88	91.07	Iron formation (unsubdivided)	6c	dark grey-black fine grain Iron formation, massive, weak Sx veins, weak Cx veins, 1% disseminated sulphides (py,Po)
91.07	96.95	Tuff Mafic (unsubdivided); Iron formation (unsubdivided)	2c; 6c	Dark grey- black-green, Fine grain, Mafic tuff with bands of Iron formation, (sheared) modereate-strong Selectively pervasive Mt, moderate-strong Sx veins, moderate selectively pervasive Chl, weak Cx veins, 1% disseminated sulphides associated with Iron formation.

96.95	102	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain Mafic tuff, mafic clasts 1cm long (altered to Chl), moderate-strong pervasive Chl, weak-moderate Sx vein. weak-moderate pervasive Cx

Sub Lithology
Hole ID: 20HUR026
Date Logged: 31-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
44.14	44.47	Syenite	10ad	Reddish-light grey fine grain Syenite, moderate-strong Cx, weak Sx

Veining
Hole ID: 20HUR026
Date Logged: 31-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Type	Descriptive element	Gangue	Vein	Angle	Minerals	Description
13.44	13.51	Quartz-Calcite 75% Sulfides 0.5%	QC	75%				Su00.5	Qz/Cx vein
14.19	14.44	Quartz-Calcite 55% Sulfides 0.5%	QC	55%				Su00.5	Qz/Cx vein .5% sulphides
24.36	24.75	Quartz-Calcite 75% Sulfides 0.5%	QC	75%				Su00.5	Qz/Cx vein
37.21	37.46	Quartz-Calcite 75% Pyrite 2% Pyrrhotite 2% Galene 2%	QC	75%				Py02 Po02 Gn02	Qz/Cx vein 2% Py/Po 2% Galena
39.02	39.63	Quartz-Calcite 75% Sulfides 2%	QC	75%				Su02	Qz/Cx vein

57.67	57.9	Quartz-Calcite 75% Sulfides 2%	QC	75%		Su02	Qz/Cx vein
58	58.17	Quartz-Calcite 75% Sulfides 2%	QC	75%		Su02	Qz/Cx vein
58.22	58.64	Quartz-Calcite 75% Sulfides 2%	QC	75%		Su02	Qz/Cx vein
64.05	64.32	Quartz-Calcite 75% Sulfides 1%	QC	75%		Su01	Qz/Cx vein

Alteration
Hole ID: 20HUR026
Date Logged: 31-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
7	8.12	Chlorite 5; Silicification 3	Chl05; Sil03	med-dark grey fine grain Mafic tuff, mafic clasts 1cm long (altered to Chl), moderate pervasive Chl, weak-moderate Sx vein.
8.12	9.44	Silicification 1; Magnetite 10; Carbonate 1	Sil01; MAG10; Car01	dark grey-black fine grain Iron formation, massive, weak Sx veins, weak Cx veins, 2-3% disseminated sulphides (py,Po)
9.44	22.36	Carbonate 3; Chlorite 5; Silicification 3; Hematite 1	Car03; Chl05; Sil03; Hem01	med-dark grey fine grain Mafic tuff, mafic clasts 1cm long (altered to Chl), moderate pervasive Chl, weak-moderate Sx vein. weak-moderate selectively pervasive Cx, weak selectively pervasive Hem.
22.36	26.44	Carbonate 3; Chlorite 1; Silicification 3; Hematite 3	Car03; Chl01; Sil03; Hem03	med-dark grey fine grain Mafic tuff, mafic clasts 1cm long (altered to Chl), weak pervasive Chl, weak-moderate Sx vein. weak-moderate selectively pervasive Cx, weak-moderate selectively pervasive Hem.

26.44	29.84	Carbonate 3; Chlorite 5; Silicification 3; Hematite 1	Car03; Chl05; Sil03; Hem01	med-dark grey fine grain Mafic tuff, mafic clasts 1cm long (altered to Chl), moderate pervasive Chl, weak-moderate Sx vein. weak-moderate selectively pervasive Cx, weak selectively pervasive Hem.
29.84	31	Carbonate 1; Chlorite 3; Silicification 5	Car01; Chl03; Sil05	med-dark grey fine grain Intermediate to Mafic tuff, moderate pervasive Sx, weak Cx veins weak-moderate pervasive Chl,
31	32.43	Carbonate 3; Chlorite 3; Silicification 5-10	Car03; Chl03; Sil5-10	med grey fine grain Intermediate Tuff, weak-moderate Cx veins, moderate Sx grading to strong Sx towards lower contact, weak-moderate selectively perv asive Chl. 1% disseminated sulphides
32.43	35.12	Silicification 10; Carbonate 3	Sil10; Car03	med grey fine grain Intermediate Tuff, weak-moderate Cx veins, strong Sx, weak selectively pervasive Chl. 3-5% disseminated sulphides
35.12	37.21	Carbonate 1; Silicification 5; Magnetite 8	Car01; Sil05; MAG08	med grey fine grain Oxide facies Iron formation. moderate-strong Mt, moderate pervasive Sx, weak Cx veins, 1% disseminated sulphides
37.21	42.2	Carbonate 3; Chlorite 1; Silicification 10	Car03; Chl01; Sil10	med grey fine grain Intermediate Tuff, weak-moderate Cx veins, strong Sx, weak selectively pervasive Chl. 3% disseminated sulphides
42.2	44.14	Silicification 10; Carbonate 1	Sil10; Car01	light grey-white fine grain Quartz vein (strong flooding), strong Sx, weak Cx veins, 3-5% disseminated sulphides (Py/Po) 2% disseminated Chalco,
44.14	45.38	Carbonate 3; Chlorite 5; Silicification 3	Car03; Chl05; Sil03	med-dark grey fine grain Mafic tuff, mafic clasts 1cm long (altered to Chl), moderate pervasive Chl, weak-moderate Sx vein. weak-moderate selectively pervasive Cx,

45.38	45.8	Silicification 1; Carbonate 1	Sil01; Car01	dark grey-black fine grain Iron formation, massive, weak Sx veins, weak Cx veins, 1% disseminated sulphides (py,Po)
45.8	46.49	Carbonate 5; Chlorite 5; Silicification 3	Car05; Chl05; Sil03	med-dark grey fine grain Mafic tuff, mafic clasts 1cm long (altered to Chl), moderate pervasive Chl, weak-moderate Sx vein. moderate selectively pervasive Cx,
46.49	50.94	Carbonate 1; Chlorite 5; Silicification 8; Magnetite 8	Car01; Chl05; Sil08; MAG08	Dark grey- black-green, Fine grain, Mafic tuff with bands of Iron formation, (sheared) modereate-strong Selectively pervasive Mt, moderate-strong Sx veins, moderate selectively pervasive Chl, weak Cx veins, 1% disseminated sulphides associated with Iron formation.
50.94	52	Carbonate 5; Chlorite 5; Silicification 3	Car05; Chl05; Sil03	med-dark grey fine grain Mafic tuff, mafic clasts 1cm long (altered to Chl), moderate pervasive Chl, weak-moderate Sx vein. moderate selectively pervasive Cx,
52	57.53	Carbonate 1; Chlorite 5; Silicification 3	Car01; Chl05; Sil03	med-dark grey fine grain Mafic tuff, mafic clasts 1cm long (altered to Chl), moderate pervasive Chl, weak-moderate Sx vein. weak Cx veins,
57.53	70.67	Carbonate 1; Chlorite 5; Silicification 8; Magnetite 8	Car01; Chl05; Sil08; MAG08	Dark grey- black-green, Fine grain, Mafic tuff with bands of Iron formation, (sheared) modereate-strong Selectively pervasive Mt, moderate-strong Sx veins, moderate selectively pervasive Chl, weak Cx veins, 1% disseminated sulphides associated with Iron formation.
70.67	72.86	Carbonate 1; Chlorite 5; Silicification 8; Magnetite 8	Car01; Chl05; Sil08; MAG08	Dark grey to black-green, fine grain Massive mafic flow with bands(fragments) of Iron formation, sheared),modereate-strong Selectively pervasive Mt, moderate-strong Sx veins, moderate selectively pervasive Chl, weak Cx veins, 1% disseminated sulphides associated with Iron formation.

72.86	78.76	Magnetite 8; Carbonate 1; Chlorite 5; Silicification 8	MAG08; Car01; Chl05; Sil08	Dark grey- black-green, Fine grain, Mafic tuff with bands of Iron formation, (sheared) modereate-strong Selectively pervasive Mt, moderate-strong Sx veins, moderate selectively pervasive Chl, weak Cx veins, 1% disseminated sulphides associated with Iron formation.
78.76	79.37	Carbonate 1; Silicification 1	Car01; Sil01	dark grey-black fine grain Iron formation, massive, weak Sx veins, weak Cx veins, 1% disseminated sulphides (py,Po)
79.37	80.73	Carbonate 1; Chlorite 5; Silicification 8; Magnetite 8	Car01; Chl05; Sil08; MAG08	Dark grey- black-green, Fine grain, Mafic tuff with bands of Iron formation, (sheared) modereate-strong Selectively pervasive Mt, moderate-strong Sx veins, moderate selectively pervasive Chl, weak Cx veins, 1% disseminated sulphides associated with Iron formation.
80.73	81.71	Carbonate 5; Chlorite 5; Silicification 3	Car05; Chl05; Sil03	med-dark grey fine grain Mafic tuff, mafic clasts 1cm long (altered to Chl), moderate pervasive Chl, weak-moderate Sx vein. moderate pervasive Cx
81.71	82.79	Carbonate 1; Chlorite 5; Silicification 8; Magnetite 8	Car01; Chl05; Sil08; MAG08	Dark grey- black-green, Fine grain, Mafic tuff with bands of Iron formation, (sheared) modereate-strong Selectively pervasive Mt, moderate-strong Sx veins, moderate selectively pervasive Chl, weak Cx veins, 1% disseminated sulphides associated with Iron formation.
82.79	87.16	Carbonate 3; Chlorite 8; Silicification 3	Car03; Chl08; Sil03	med-dark grey fine grain Mafic tuff, mafic clasts 1cm long (altered to Chl), moderate-strong pervasive Chl, weak-moderate Sx vein. weak-moderate pervasive Cx
87.16	88	Carbonate 1; Chlorite 5; Silicification 8; Magnetite 8	Car01; Chl05; Sil08; MAG08	Dark grey- black-green, Fine grain, Mafic tuff with bands of Iron formation, (sheared) modereate-strong Selectively pervasive Mt, moderate-strong Sx veins, moderate selectively pervasive Chl, weak

				Cx veins, 1% disseminated sulphides associated with Iron formation.
88	91.07	Carbonate 1; Magnetite 10; Silicification 1	Car01; MAG10; Sil01	dark grey-black fine grain Iron formation, massive, weak Sx veins, weak Cx veins, 1% disseminated sulphides (py,Po)
91.07	96.95	Carbonate 1; Chlorite 5; Silicification 8; Magnetite 8	Car01; Chl05; Sil08; MAG08	Dark grey- black-green, Fine grain, Mafic tuff with bands of Iron formation, (sheared) modereate-strong Selectively pervasive Mt, moderate-strong Sx veins, moderate selectively pervasive Chl, weak Cx veins, 1% disseminated sulphides associated with Iron formation.
96.95	102	Carbonate 3; Chlorite 8; Silicification 3	Car03; Chl08; Sil03	med-dark grey fine grain Mafic tuff, mafic clasts 1cm long (altered to Chl), moderate-strong pervasive Chl, weak-moderate Sx vein. weak-moderate pervasive Cx

Mineralization
Hole ID: 20HUR026
Date Logged: 31-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
8.12	9.44	Sulfides 2-3	Su2-3	dark grey-black fine grain Iron formation, massive, weak Sx veins, weak Cx veins, 2-3% disseminated sulphides (py,Po)
31	32.43	Sulfides 1%	Su01	med grey fine grain Intermediate Tuff, weak-moderate Cx veins, moderate Sx grading to strong Sx towards lower contact, weak-moderate selectively perv asive Chl. 1% disseminated sulphides

32.43	35.12	Sulfides 3-5	Su3-5	med grey fine grain Intermediate Tuff, weak-moderate Cx veins, strong Sx, weak selectively pervasive Chl. 3-5% disseminated sulphides
35.12	37.21	Sulfides 1%	Su01	med grey fine grain Oxide facies Iron formation. moderate-strong Mt, moderate pervasive Sx, weak Cx veins, 1% disseminated sulphides
37.21	42.2	Sulfides 3%	Su03	med grey fine grain Intermediate Tuff, weak-moderate Cx veins, strong Sx, weak selectively pervasive Chl. 3% disseminated sulphides
42.2	44.14	Sulfides 3-5; Chalcopyrite 2%	Su3-5; Cp02	light grey-white fine grain Quartz vein (strong flooding), strong Sx, weak Cx veins, 3-5% disseminated sulphides (Py/Po) 2% disseminated Chalco,
45.38	45.8	Sulfides 1%	Su01	dark grey-black fine grain Iron formation, massive, weak Sx veins, weak Cx veins, 1% disseminated sulphides (py,Po)
46.49	50.94	Sulfides 1%	Su01	Dark grey- black-green, Fine grain, Mafic tuff with bands of Iron formation, (sheared) modereate-strong Selectively pervasive Mt, moderate-strong Sx veins, moderate selectively pervasive Chl, weak Cx veins, 1% disseminated sulphides associated with Iron formation.
57.53	70.67	Sulfides 1%	Su01	Dark grey- black-green, Fine grain, Mafic tuff with bands of Iron formation, (sheared) modereate-strong Selectively pervasive Mt, moderate-strong Sx veins, moderate selectively pervasive Chl, weak Cx veins, 1% disseminated sulphides associated with Iron formation.
70.67	72.86	Sulfides 1%	Su01	Dark grey to black-green, fine grain Massive mafic flow with bands(fragments) of Iron formation, sheared),modereate-strong Selectively pervasive Mt, moderate-strong Sx veins, moderate selectively pervasive Chl, weak Cx veins, 1% disseminated sulphides associated with Iron formation.

72.86	78.76	Sulfides 1%	Su01	Dark grey- black-green, Fine grain, Mafic tuff with bands of Iron formation, (sheared) modereate-strong Selectively pervasive Mt, moderate-strong Sx veins, moderate selectively pervasive Chl, weak Cx veins, 1% disseminated sulphides associated with Iron formation.1
78.76	79.37	Sulfides 1%	Su01	dark grey-black fine grain Iron formation, massive, weak Sx veins, weak Cx veins, 1% disseminated sulphides (py,Po)
79.37	80.73	Sulfides 1%	Su01	Dark grey- black-green, Fine grain, Mafic tuff with bands of Iron formation, (sheared) modereate-strong Selectively pervasive Mt, moderate-strong Sx veins, moderate selectively pervasive Chl, weak Cx veins, 1% disseminated sulphides associated with Iron formation.
81.71	82.79	Sulfides 1%	Su01	Dark grey- black-green, Fine grain, Mafic tuff with bands of Iron formation, (sheared) modereate-strong Selectively pervasive Mt, moderate-strong Sx veins, moderate selectively pervasive Chl, weak Cx veins, 1% disseminated sulphides associated with Iron formation.
87.16	88	Sulfides 1%	Su01	Dark grey- black-green, Fine grain, Mafic tuff with bands of Iron formation, (sheared) modereate-strong Selectively pervasive Mt, moderate-strong Sx veins, moderate selectively pervasive Chl, weak Cx veins, 1% disseminated sulphides associated with Iron formation.
88	91.07	Sulfides 1%	Su01	dark grey-black fine grain Iron formation, massive, weak Sx veins, weak Cx veins, 1% disseminated sulphides (py,Po)
91.07	96.95	Sulfides 1%	Su01	Dark grey- black-green, Fine grain, Mafic tuff with bands of Iron formation, (sheared) moderate-strong Selectively pervasive Mt, moderate-strong Sx veins, moderate selectively pervasive Chl, weak Cx veins, 1% disseminated sulphides associated with Iron formation.

Sample Log
Hole ID: 20HUR026
Date Logged: 31-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Length (m)	Sample ID	Cert No.
7	8.12	1.12	764474	A20-10451
8.12	8.75	0.63	764475	A20-10451
8.75	9.44	0.69	764476	A20-10451
9.44	10.18	0.74	764477	A20-10451
10.18	11	0.82	764478	A20-10451
11	12	1	764479	A20-10451
12	13	1	764481	A20-10451
13	14	1	764482	A20-10451
14	15	1	764483	A20-10451
15	16	1	764484	A20-10451
16	17	1	764485	A20-10451
17	18	1	764486	A20-10451
18	19	1	764487	A20-10451
19	20	1	764488	A20-10451
20	21.18	1.18	764489	A20-10451
21.18	22.36	1.18	764490	A20-10451
22.36	23.17	0.81	764491	A20-10451
23.17	24	0.83	764492	A20-10451
24	24.75	0.75	764493	A20-10451
24.75	25.5	0.75	764494	A20-10451
25.5	26.44	0.94	764495	A20-10451
26.44	27.2	0.76	764496	A20-10451
27.2	28	0.8	764497	A20-10451
28	29	1	764498	A20-10451
29	29.84	0.84	764499	A20-10451
29.84	31	1.16	764501	A20-10451
31	31.7	0.7	764502	A20-10450
31.7	32.43	0.73	764503	A20-10450
32.43	33.16	0.73	764504	A20-10450
33.16	34	0.84	764505	A20-10450
34	35.12	1.12	764506	A20-10450
35.12	36.17	1.05	764507	A20-10450
36.17	37.21	1.04	764508	A20-10450
37.21	37.92	0.71	764509	A20-10450
37.92	38.86	0.94	764510	A20-10450
38.86	39.69	0.83	764511	A20-10450

39.69	40.64	0.95	764512	A20-10450
40.64	41.33	0.69	764513	A20-10450
41.33	42.2	0.87	764514	A20-10450
42.2	43	0.8	764515	A20-10450
43	44.14	1.14	764516	A20-10450
44.14	45.38	1.24	764517	A20-10450
45.38	45.8	0.42	764518	A20-10450
45.8	46.49	0.69	764519	A20-10450
46.49	47.17	0.68	764521	A20-10451
47.17	48	0.83	764522	A20-10451
48	49	1	764523	A20-10451
49	50	1	764524	A20-10451
50	50.94	0.94	764525	A20-10451
50.94	52	1.06	764526	A20-10451
52	53	1	764527	A20-10451
53	54	1	764528	A20-10451
54	55	1	764529	A20-10451
55	56	1	764530	A20-10451
56	56.8	0.8	764531	A20-10451
56.8	57.53	0.73	764532	A20-10451
57.53	58.22	0.69	764533	A20-10451
58.22	59	0.78	764534	A20-10451
59	60.03	1.03	764535	A20-10451
60.03	61	0.97	764536	A20-10451
61	62	1	764537	A20-10451
62	63	1	764538	A20-10451
63	64	1	764539	A20-10451
64	65	1	764541	A20-10451
65	66	1	764542	A20-10451
66	67	1	764543	A20-10451
67	68	1	764544	A20-10451
68	69	1	764545	A20-10451
69	69.9	0.9	764546	A20-10451
69.9	70.67	0.77	764547	A20-10451
70.67	71.63	0.96	764548	A20-10451
71.63	72.86	1.23	764549	A20-10451
72.86	73.9	1.04	764550	A20-10451
73.9	75	1.1	764551	A20-10451
75	76	1	764552	A20-10451
76	77	1	764553	A20-10451
77	78	1	764554	A20-10451

78	78.76	0.76	764555	A20-10451
78.76	79.37	0.61	764556	A20-10451
79.37	80	0.63	764557	A20-10451
80	80.73	0.73	764558	A20-10451
80.73	81.71	0.98	764559	A20-10451
81.71	82.79	1.08	764561	A20-10451
82.79	83.88	1.09	764562	A20-10451
83.88	85	1.12	764563	A20-10451
85	86	1	764564	A20-10451
86	87.16	1.16	764565	A20-10451
87.16	88	0.84	764566	A20-10451
88	89	1	764567	A20-10451
89	90	1	764568	A20-10451
90	91.07	1.07	764569	A20-10451
91.07	92	0.93	764570	A20-10451
92	93	1	764571	A20-10451
93	94	1	764572	A20-10451
94	95	1	764573	A20-10451
95	96	1	764574	A20-10451
96	96.95	0.95	764575	A20-10451
96.95	98	1.05	764576	A20-10451
98	99	1	764577	A20-10451
99	100	1	764578	A20-10451
100	101	1	764579	A20-10451
101	102	1	764581	A20-10451

Hole ID:	20HUR027	**Datum/Projection:**	NAD 83 Zone 15
Project:	Huronian	**UTM North:**	5378326
Claim/Patent #	321602	**UTM East:**	663957
Township:	Moss Lake	**Dip:**	-45
		Azimuth:	116.6
Start Date:	28-Aug-20	**Drill Company:**	Chibougamau Diamond Drilling ltd
End Date:	29-Aug-20	**Core Size:**	NQ
EOH Depth:	102 m	**Storage Location:**	Huronian
Drill Comments:			

Main Lithology
Hole ID: 20HUR027
Date Logged: 29-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
0	9.91	Overburden (Unsubdivided)	15	Casing
9.91	14.01	Variolitic lava Mafic flows	2aa	med-dark grey fine grain Vasriolitic mafic flow, weak-moderate Cx veins and infil, weak-moderate pervasive Chl, weak-moderate Sx veins, 1% disseminated sulphides associated with sx veins.
14.01	18	Variolitic lava Mafic flows	2aa	med grey fine grain Vasriolitic mafic flow, moderate Cx veins and infil, weak selectively pervasive Chl, moderate Sx veins, 1% disseminated sulphides associated with sx veins.
18	25.55	Variolitic lava Mafic flows	2aa	med-dark grey fine grain Vasriolitic mafic flow, weak-moderate Cx veins and infil, weak-moderate pervasive Chl, weak-moderate Sx veins, 1% disseminated sulphides associated with sx veins.
25.55	30	Tuff Mafic (unsubdivided)	2c	Med-drk grey finew grain Mafic tuff with mafic fragments up to 1cm (have beewn altered to Chl) moderate pervasive Chl, weak Cx veins, Weak Sx veins, 1% sulphides associated with Sx veins.
30	32.21	Tuff Mafic (unsubdivided); Tuff Intermediate (unsubdivided)	2c; 3b	med grey fine grain Intermediate to mafic tuff, mafic fragments up to 1cm long (altered to chl), med grey colour from moderate pervasive Sx, weak-moderate selectively pervasive Cx, weak-moderate Chl, 1% disseminated sulphides locally up to 3%.
32.21	33.65	Quartz Vein	QTZ	light grey to white, fine grain Quartz vein with some inclusions of intermediate tuff, strong Sx, weak Cx veins, 3-5% Py/Po, 1%chalco,
33.65	35.72	Tuff Mafic (unsubdivided); Tuff Intermediate (unsubdivided)	2c; 3b	med grey fine grain Intermediate to mafic tuff, mafic fragments up to 1cm long (altered to chl), med grey colour from moderate pervasive Sx, weak-moderate selectively pervasive Cx, weak-moderate Chl, 1% disseminated sulphides locally up to 3%.

35.72	46.94	Tuff Mafic (unsubdivided); Iron formation (unsubdivided)	2c; 6c	Med-drk grey finew grain Mafic tuff with bands of iron formation moderate selectively pervasive Chl, weak Cx veins, Weak Sx veins, 1-2% sulphides associated with iron formation bands.
46.94	50.29	Iron formation (unsubdivided)	6c	dark grey-black fine grain Iron foramtion, fractured, fractures infilled with Sx, moderate Sx, weak Cx, strong Mt, 2-3% disseminated sulphides
50.29	51.14	Tuff Mafic (unsubdivided)	2c	Med-drk grey finew grain Mafic tuff with mafic fragments up to 1cm (have beewn altered to Chl) moderate pervasive Chl, weak Cx veins, Weak Sx veins
51.14	52.48	Iron formation (unsubdivided)	6c	dark grey-black fine grain Iron foramtion, fractured, fractures infilled with Sx, moderate Sx, weak Cx, strong Mt, 2-3% disseminated sulphides
52.48	64.71	Tuff Mafic (unsubdivided); Iron formation (unsubdivided)	2c; 6c	Med-drk grey finew grain Mafic tuff with bands of iron formation moderate selectively pervasive Chl, weak Cx veins, Weak Sx veins, 1-2% sulphides associated with iron formation bands.
64.71	67.06	Iron formation (unsubdivided)	6c	dark grey-black fine grain Iron foramtion, fractured, fractures infilled with Sx, moderate Sx, weak Cx, strong Mt, 2-3% disseminated sulphides
67.06	85	Tuff Mafic (unsubdivided)	2c	Med-drk grey finew grain Mafic tuff with rare inclusions of iron formation, mafic fragments up to 1cm (have beewn altered to Chl) moderate pervasive Chl, weak Cx veins, Weak Sx veins weak-moderate selectively pervasive Mt. 1% disseminated sulphides.
85	86.86	Variolitic lava Mafic flows	2aa	med-dark grey fine grain Vasriolitic mafic flow, weak-moderate Cx veins and infil, weak-moderate pervasive Chl, weak-moderate Sx veins,
86.86	88.8	Tuff Mafic (unsubdivided)	2c	Med-drk grey finew grain Mafic tuff with rare inclusions of iron formation, mafic fragments up to 1cm (have beewn altered to Chl) moderate pervasive Chl, weak Cx veins, Weak Sx veins weak-moderate selectively pervasive Mt. 1% disseminated sulphides.
88.8	90.4	Tuff Mafic (unsubdivided)	2c	Med-drk grey fine grain Mafic tuff mafic fragments up to 1cm (have beewn altered to Chl) moderate pervasive Chl, moderate pervasive Cx, Weak Sx veins

90.4	102	Tuff Mafic (unsubdivided)	2c	Med-drk grey finew grain Mafic tuff with rare inclusions of iron formation, weakly variolitic, mafic fragments up to 1cm (have beewn altered to Chl) moderate pervasive Chl, weak Cx veins, Weak Sx veins weak-moderate selectively pervasive Mt. 1% disseminated sulphides.

Structure
Hole ID: 20HUR027
Date Logged: 29-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From	To	Title	Summary	Description	Angle
74.36	76.36	Shear35 45°	SHR35	shear at 45 degrees tca	45

Veining
Hole ID: 20HUR027
Date Logged: 29-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Type	Descriptive element	Gangue	Vein	Angle	Minerals	Description
16.63	16.94	Quartz-Calcite 30% Sulfides 1%	QC	30%				Su01	Qz/Cx vein
17.08	17.42	Quartz-Calcite 40% Sulfides 1%	QC	40%				Su01	Qz/Cx vein
20.15	20.21	Quartz-Calcite 70%	QC	70%					Qz/Cx vein
21.14	21.38	Quartz-Calcite 45% Sulfides 1%	QC	45%				Su01	Qz/Cx vein
36.17	36.3	Quartz-Calcite Sulfides 2%	QC					Su02	Qz/Cx vein
48.42	48.68	Quartz-Calcite 60% Sulfides 3%	QC	60%				Su03	Qz/Cx vein
49.14	49.78	Quartz-Calcite 60% Sulfides 1%	QC	60%				Su01	Qz/Cx vein

52.45	52.8	Quartz-Calcite 80% Sulfides 1%	QC	80%		Su01	Qz/Cx vein
53.09	53.2	Quartz-Calcite 50% Sulfides 1%	QC	50%		Su01	Qz/Cx vein
59.4	59.46	Quartz-Calcite 50% Sulfides 1%	QC	0.5		Su01	Qz/Cx vein
70.9	70.95	Quartz-Calcite 50%	QC	0.5			Qz/Cx vein
74.79	74.89	Quartz-Calcite 50% Sulfides 1%	QC	0.5		Su01	Qz/Cx vein

Alteration
Hole ID: 20HUR027
Date Logged: 29-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
9.91	14.01	Carbonate 3; Chlorite 3; Silicification 3	Car03; Chl03; Sil03	med-dark grey fine grain Vasriolitic mafic flow, weak-moderate Cx veins and infil, weak-moderate pervasive Chl, weak-moderate Sx veins, 1% disseminated sulphides associated with sx veins.
14.01	18	Carbonate 5; Chlorite 1; Silicification 5	Car05; Chl01; Sil05	med grey fine grain Vasriolitic mafic flow, moderate Cx veins and infil, weak selectively pervasive Chl, moderate Sx veins, 1% disseminated sulphides associated with sx veins.
18	25.55	Carbonate 3; Chlorite 3; Silicification 3	Car03; Chl03; Sil03	med-dark grey fine grain Vasriolitic mafic flow, weak-moderate Cx veins and infil, weak-moderate pervasive Chl, weak-moderate Sx veins, 1% disseminated sulphides associated with sx veins.
25.55	30	Carbonate 1; Chlorite 5; Silicification 1	Car01; Chl05; Sil01	Med-drk grey finew grain Mafic tuff with mafic fragments up to 1cm (have beewn altered to Chl) moderate pervasive Chl, weak Cx veins, Weak Sx veins, 1% sulphides associated with Sx veins.

30	32.21	Carbonate 3; Chlorite 3; Silicification 5	Car03; Chl03; Sil05	med grey fine grain Intermediate to mafic tuff, mafic fragments up to 1cm long (altered to chl), med grey colour from moderate pervasive Sx, weak-moderate selectively pervasive Cx, weak-moderate Chl, 1% disseminated sulphides locally up to 3%.
32.21	33.65	Carbonate 1; Silicification 10	Car01; Sil10	light grey to white, fine grain Quartz vein with some inclusions of intermediate tuff, strong Sx, weak Cx veins, 3-5% Py/Po, 1%chalco,
33.65	35.72	Carbonate 3; Chlorite 3; Silicification 5	Car03; Chl03; Sil05	med grey fine grain Intermediate to mafic tuff, mafic fragments up to 1cm long (altered to chl), med grey colour from moderate pervasive Sx, weak-moderate selectively pervasive Cx, weak-moderate Chl, 1% disseminated sulphides locally up to 3%.
35.72	46.94	Carbonate 1; Chlorite 5; Silicification 1; Magnetite 3	Car01; Chl05; Sil01; MAG03	Med-drk grey finew grain Mafic tuff with bands of iron formation moderate selectively pervasive Chl, weak Cx veins, Weak Sx veins, 1-2% sulphides associated with iron formation bands.
46.94	50.29	Carbonate 1; Silicification 5; Magnetite 10	Car01; Sil05; MAG10	dark grey-black fine grain Iron foramtion, fractured, fractures infilled with Sx, moderate Sx, weak Cx, strong Mt, 2-3% disseminated sulphides
50.29	51.14	Carbonate 1; Chlorite 5; Silicification 1	Car01; Chl05; Sil01	Med-drk grey finew grain Mafic tuff with mafic fragments up to 1cm (have beewn altered to Chl) moderate pervasive Chl, weak Cx veins, Weak Sx veins
51.14	52.48	Carbonate 1; Silicification 5; Magnetite 10	Car01; Sil05; MAG10	dark grey-black fine grain Iron foramtion, fractured, fractures infilled with Sx, moderate Sx, weak Cx, strong Mt, 2-3% disseminated sulphides

52.48	64.71	Carbonate 1; Chlorite 5; Silicification 1	Car01; Chl05; Sil01	Med-drk grey finew grain Mafic tuff with bands of iron formation moderate selectively pervasive Chl, weak Cx veins, Weak Sx veins, 1-2% sulphides associated with iron formation bands.
64.71	67.06	Carbonate 1; Silicification 5; Magnetite 10	Car01; Sil05; MAG10	dark grey-black fine grain Iron foramtion, fractured, fractures infilled with Sx, moderate Sx, weak Cx, strong Mt, 2-3% disseminated sulphides
67.06	85	Carbonate 1; Chlorite 5; Silicification 1; Magnetite 3	Car01; Chl05; Sil01; MAG03	Med-drk grey finew grain Mafic tuff with rare inclusions of iron formation, mafic fragments up to 1cm (have beewn altered to Chl) moderate pervasive Chl, weak Cx veins, Weak Sx veins weak-moderate selectively pervasive Mt. 1% disseminated sulphides
85	86.86	Carbonate 3; Chlorite 3; Silicification 3	Car03; Chl03; Sil03	med-dark grey fine grain Vasriolitic mafic flow, weak-moderate Cx veins and infil, weak-moderate pervasive Chl, weak-moderate Sx veins,
86.86	88.8	Carbonate 1; Chlorite 5; Silicification 1; Magnetite 3	Car01; Chl05; Sil01; MAG03	Med-drk grey finew grain Mafic tuff with rare inclusions of iron formation, mafic fragments up to 1cm (have beewn altered to Chl) moderate pervasive Chl, weak Cx veins, Weak Sx veins weak-moderate selectively pervasive Mt. 1% disseminated sulphides.
88.8	90.4	Carbonate 5; Chlorite 5; Silicification 1	Car05; Chl05; Sil01	Med-drk grey fine grain Mafic tuff mafic fragments up to 1cm (have beewn altered to Chl) moderate pervasive Chl, moderate pervasive Cx, Weak Sx veins
90.4	102	Carbonate 1; Chlorite 5; Silicification 1; Magnetite 3	Car01; Chl05; Sil01; MAG03	Med-drk grey finew grain Mafic tuff with rare inclusions of iron formation, weakly variolitic, mafic fragments up to 1cm (have beewn altered to Chl) moderate pervasive Chl, weak Cx veins, Weak Sx veins weak-moderate selectively pervasive Mt. 1% disseminated sulphides.

Mineralization
Hole ID: 20HUR027
Date Logged: 29-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
9.91	30	Sulfides 1%	Su01	1% disseminated sulphides.
30	32.21	Sulfides 1-3	Su1-3	1-3% disseminated sulphides
32.21	33.65	Sulfides 3-5; Chalcopyrite 1%	Su3-5; Cp01	3-5% disseminated sulphides (Py/Po) 1% chalco
33.65	35.72	Sulfides 1-3	Su1-3	1-3% sulphides disseminated
35.72	46.94	Sulfides 1-2	Su1-2	1-2% disseminated sulphides
46.94	50.29	Sulfides 2-3	Su2-3	2-3% disseminated sulphides
51.14	52.48	Sulfides 2-3	Su2-3	2-3% disseminated sulphides
52.48	64.71	Sulfides 1-2	Su1-2	1-2% disseminated sulphides
64.71	67.06	Sulfides 2-3	Su2-3	2-3% disseminated sulphides
67.06	85	Sulfides 1%	Su01	1% disseminated sulphides
86.86	88.8	Sulfides 1%	Su01	1% disseminated sulphides
90.4	102	Sulfides 1%	Su01	1% disseminated associatedc with iron formation bands

Sample Log
Hole ID: 20HUR027
Date Logged: 29-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Length (m)	Sample ID	Cert No.
9.91	11	1.09	764267	A20-10451
11	12	1	764268	A20-10328
12	13	1	764269	A20-10328
13	14.01	1.01	764270	A20-10328
14.01	15	0.99	764271	A20-10328
15	16	1	764272	A20-10328
16	16.94	0.94	764273	A20-10328
16.94	18	1.06	764274	A20-10328
18	19	1	764275	A20-10328
19	20	1	764276	A20-10328
20	21	1	764277	A20-10328
21	21.74	0.74	764278	A20-10328
21.74	22.53	0.79	764279	A20-10328
22.53	23.55	1.02	764281	A20-10328
23.55	24.55	1	764282	A20-10328
24.55	25.55	1	764283	A20-10328
25.55	26.35	0.8	764284	A20-10328
26.35	27.2	0.85	764285	A20-10328
27.2	28.1	0.9	764286	A20-10328
28.1	29	0.9	764287	A20-10328
29	30	1	764288	A20-10328
30	31.15	1.15	764289	A20-10328
31.15	32.21	1.06	764290	A20-10328
32.21	32.91	0.7	764291	A20-10328
32.91	33.65	0.74	764292	A20-10344
33.65	34.35	0.7	764293	A20-10344
34.35	35	0.65	764294	A20-10344
35	35.72	0.72	764295	A20-10344
35.72	36.72	1	764296	A20-10344
36.72	37.7	0.98	764297	A20-10344
37.7	38.74	1.04	764298	A20-10344
38.74	39.55	0.81	764299	A20-10344
39.55	40.61	1.06	764301	A20-10344
40.61	41.7	1.09	764302	A20-10328
41.7	42.8	1.1	764303	A20-10328
42.8	43.9	1.1	764304	A20-10328

43.9	44.9	1	764305	A20-10328
44.9	45.9	1	764306	A20-10328
45.9	46.94	1.04	764307	A20-10328
46.94	48	1.06	764308	A20-10328
48	48.77	0.77	764309	A20-10344
48.77	49.78	1.01	764310	A20-10344
49.78	50.29	0.51	764311	A20-10344
50.29	51.19	0.9	764312	A20-10344
51.19	51.83	0.64	764313	A20-10344
51.83	52.48	0.65	764314	A20-10344
52.48	53.25	0.77	764315	A20-10328
53.25	54	0.75	764316	A20-10328
54	55	1	764317	A20-10328
55	56	1	764318	A20-10328
56	57	1	764319	A20-10328
57	58	1	764321	A20-10328
58	59	1	764322	A20-10328
59	59.7	0.7	764323	A20-10328
59.7	60.8	1.1	764324	A20-10328
60.8	61.8	1	764325	A20-10328
61.8	62.8	1	764326	A20-10328
62.8	63.8	1	764327	A20-10328
63.8	64.71	0.91	764328	A20-10328
64.71	65.51	0.8	764329	A20-10328
65.51	66.23	0.72	764330	A20-10328
66.23	67.06	0.83	764331	A20-10328
67.06	68	0.94	764332	A20-10328
68	69	1	764333	A20-10328
69	70.1	1.1	764334	A20-10328
70.1	71	0.9	764335	A20-10328
71	72.1	1.1	764336	A20-10328
72.1	73.2	1.1	764337	A20-10328
73.2	74.36	1.16	764338	A20-10328
74.36	75	0.64	764339	A20-10328
75	76	1	764341	A20-10328
76	77	1	764342	A20-10328
77	78	1	764343	A20-10328
78	79	1	764344	A20-10328
79	80	1	764345	A20-10328
80	81	1	764346	A20-10328
81	82	1	764347	A20-10328

82	83	1	764348	A20-10328
83	84	1	764349	A20-10328
84	85	1	764350	A20-10328
85	86	1	764351	A20-10328
86	86.86	0.86	764352	A20-10328
86.86	88	1.14	764353	A20-10328
88	88.8	0.8	764354	A20-10328
88.8	89.48	0.68	764355	A20-10328
89.48	90.4	0.92	764356	A20-10328
90.4	91.2	0.8	764357	A20-10328
91.2	92	0.8	764358	A20-10328
92	93	1	764359	A20-10328
93	94	1	764361	A20-10328
94	95	1	764362	A20-10328
95	96	1	764363	A20-10328
96	97.2	1.2	764364	A20-10328
97.2	98	0.8	764365	A20-10328
98	99	1	764366	A20-10328
99	100	1	764367	A20-10328
100	101	1	764368	A20-10328
101	102	1	764369	A20-10328

Hole ID:	20HUR028	**Datum/Projection:**	NAD 83 Zone 15
Project:	Huronian	**UTM North:**	5378628
Claim/Patent #	15492	**UTM East:**	664343
Township:	Moss Lake	**Dip:**	-45
		Azimuth:	307.9
Start Date:	28-Aug-20	**Drill Company:**	Chibougamau Diamond Drilling ltd
End Date:	28-Aug-20	**Core Size:**	NQ
EOH Depth:	82.9 m	**Storage Location:**	Huronian
Drill Comments:			

Main Lithology
Hole ID: 20HUR028
Date Logged: 27-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
0	3.7	Overburden (Unsubdivided)	15	Casing
3.7	8.24	Tuff Mafic (unsubdivided)	2c	dark grey fine grain Mafic tuff, mafic fragments up to 3mm have been altered to Chl, weak-moderate pervasive Sx, weak Cx veins, moderate pervasive Chl. 1% disseminated sulphides.
8.24	9.63	Tuff Mafic (unsubdivided)	2c	dark grey fine grain Mafic tuff, mafic fragments up to 3mm have been altered to Chl, weak Sx veins, moderate pervasive Cx, moderate pervasive Chl. 1% disseminated sulphides.
9.63	16.78	Tuff Mafic (unsubdivided)	2c	dark grey fine grain Mafic tuff, mafic fragments up to 3mm have been altered to Chl, weak-moderate Sx veins, weak Cx veins, moderate pervasive Chl. 1% disseminated sulphides.
16.78	26.02	Variolitic lava Mafic flows	2aa	Dark grey fine grain Variolitic Mafic flow, weak-moderate Cx veins/variol infil, weak-moderate Sx veins up to 5cm wide, weak pervasive Chl, 1-2% disseminated and stringer sulphides.
26.02	28.27	Massive lava Mafic flows (unsubdivided)	2a	Dark grey fine grain massive mafic flow, weak Sx veins, weak Cx veins, weak pervasive Chl, 1% disseminated sulphides vein associated.
28.27	30.97	Variolitic lava Mafic flows	2aa	Dark grey fine grain Variolitic Mafic flow, weak-moderate Cx veins/variol infil, weak-moderate Sx veins up to 5cm wide, weak pervasive Chl, 1-2% disseminated and stringer sulphides.
30.97	34.41	Massive lava Mafic flows (unsubdivided)	2a	Dark grey fine grain massive mafic flow, weak Sx veins, weak Cx veins, weak pervasive Chl, 1% disseminated sulphides vein associated.
34.41	41.19	Massive lava Mafic flows (unsubdivided)	2a	Dark grey fine grain massive mafic flow, weak-moderate Sx veins, moderate Cx veins, weak selectively pervasive Chl, 1% disseminated sulphides vein associated.

41.19	46.33	Massive lava Mafic flows (unsubdivided)	2a	Dark grey fine grain massive mafic flow, weak Sx veins, moderate Cx veins, weak-moderate pervasive Chl, 1% disseminated sulphides vein associated. weakly brecciated from 43 to 46.33m
46.33	48.75	Massive lava Mafic flows (unsubdivided)	2a	Dark grey fine grain massive mafic flow, weak Sx veins, weak Cx veins, weak-moderate selectively pervasive Chl, 1% disseminated sulphides vein associated.
48.75	53.87	Variolitic lava Mafic flows	2aa	Dark grey fine grain Variolitic Mafic flow, weak-moderate Cx veins/variol infil, weak-moderate Sx veins up to 5cm wide, weak pervasive Chl, 1-2% disseminated and stringer sulphides.
53.87	56.18	Tuff Mafic (unsubdivided)	2c	dark grey fine grain Mafic tuff, mafic fragments up to 3mm have been altered to Chl, weak-moderate Sx veins, weak Cx veins, moderate pervasive Chl. weak selectively pervasive Hem. 1% disseminated sulphides.
56.18	81.25	Tuff Mafic (unsubdivided)	2c	dark grey fine grain Mafic tuff, mafic fragments up to 3mm have been altered to Chl, weak-moderate Sx veins, weak Cx veins, moderate pervasive Chl. 1% disseminated sulphides.
81.25	82.92	Quartz Vein	QTZ	med grey to white fine grain Quartz vein, moderate Cx, strong Sx 3-5% sulphides

Structure
Hole ID: 20HUR028
Date Logged: 27-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From	To	Title	Summary	Description	Angle
77.12	82.92	Shear60 20°	SHR60	Shear zone shear running 20degrees to core axis	20

Veining
Hole ID: 20HUR028
Date Logged: 27-Aug-20

Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Type	Descriptive element	Gangue	Vein	Angle	Minerals	Description
8	8.24	Quartz-Calcite 35% 15° Sulfides 1%	QC	35%			15°	Su01	Qz/Cx vein 1% sulphides
11.45	11.81	Quartz-Calcite 35% 15° Sulfides 2%	QC	35%			15°	Su02	Qz/Cx vein 2% sulphides.
12.58	13.36	Quartz-Calcite 35% 15° Sulfides 1%	QC	35%			15°	Su01	Qz/Cx vein 1% sulphides
22.39	22.49	Quartz-Calcite 45% 35° Sulfides 0.5%	QC	45%			35°	Su00.5	Qz/Cx vein .5% sulphides
22.95	23.11	Quartz-Calcite 20% 20° Sulfides 0.5%	QC	20%			20°	Su00.5	Qz/Cx vein
23.8	23.83	Quartz-Calcite 30% Sulfides 0.5%	QC	30%				Su00.5	Qz/Cx vein
26.72	26.94	Quartz-Calcite 60% 25° Sulfides 1%	QC	60%			25°	Su01	Qz/Cx vein
27.96	28.08	Quartz-Calcite 60% 25° Sulfides 1%	QC	60%			25°	Su01	Qz/Cx vein
28.51	28.8	Quartz-Calcite 60% 40° Sulfides 1%	QC	60%			40°	Su01	Qz/Cx vein
29.04	29.44	Quartz-Calcite 40% Sulfides 1%	QC	40%				Su01	Qz/Cx vein
40.6	40.67	Quartz-Calcite 80% 45° Sulfides 1%	QC	80%			45°	Su01	Qz/Cx vein
59.07	59.16	Quartz-Calcite 80% 45° Sulfides 0.5%	QC	80%			45°	Su00.5	Qz/Cx vein
60.58	60.62	Quartz-Calcite 70% 45° Sulfides 0.5%	QC	0.7			45°	Su00.5	Qz/Cx vein
70.93	72.21	Quartz-Calcite 35%	QC	0.35					Qz/Cx vein 2% sulphides

73.77	73.78	Quartz-Calcite 50% Sulfides 3%	QC	0.5		Su03	Qz/Cx vein 3% sulphides
77.59	77.72	Quartz-Calcite 45% Sulfides 2%	QC	0.45		Su02	Qz/Cx vein 2% sulphides
82.05	82.92	Quartz-Calcite 80% Sulfides 5%	QC	0.8		Su05	Qz/Cx vein 5% sulphides

Alteration
Hole ID: 20HUR028
Date Logged: 27-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
3.7	8.24	Carbonate 1; Chlorite 5; Silicification 3	Car01; Chl05; Sil03	dark grey fine grain Mafic tuff, mafic fragments up to 3mm have been altered to Chl, weak-moderate pervasive Sx, weak Cx veins, moderate pervasive Chl. 1% disseminated sulphides.
8.24	9.63	Carbonate 5; Chlorite 5; Silicification 1	Car05; Chl05; Sil01	dark grey fine grain Mafic tuff, mafic fragments up to 3mm have been altered to Chl, weak Sx veins, moderate pervasive Cx, moderate pervasive Chl. 1% disseminated sulphides.
9.63	16.78	Carbonate 1; Chlorite 5; Silicification 3	Car01; Chl05; Sil03	dark grey fine grain Mafic tuff, mafic fragments up to 3mm have been altered to Chl, weak-moderate Sx veins, weak Cx veins, moderate pervasive Chl. 1% disseminated sulphides.
16.78	26.02	Carbonate 3; Chlorite 1; Silicification 3	Car03; Chl01; Sil03	Dark grey fine grain Variolitic Mafic flow, weak-moderate Cx veins/variol infil, weak-moderate Sx veins up to 5cm wide, weak pervasive Chl, 1-2% disseminated and stringer sulphides.

26.02	28.27	Carbonate 1; Chlorite 1; Silicification 1	Car01; Chl01; Sil01	Dark grey fine grain massive mafic flow, weak Sx veins, weak Cx veins, weak pervasive Chl, 1% disseminated sulphides vein associated.
28.27	30.97	Carbonate 3; Chlorite 1; Silicification 3	Car03; Chl01; Sil03	Dark grey fine grain Variolitic Mafic flow, weak-moderate Cx veins/variol infil, weak-moderate Sx veins up to 5cm wide, weak pervasive Chl, 1-2% disseminated and stringer sulphides.
30.97	34.41	Carbonate 1; Chlorite 1; Silicification 1	Car01; Chl01; Sil01	Dark grey fine grain massive mafic flow, weak Sx veins, weak Cx veins, weak pervasive Chl, 1% disseminated sulphides vein associated.
34.41	41.19	Carbonate 5; Chlorite 1; Silicification 3	Car05; Chl01; Sil03	Dark grey fine grain massive mafic flow, weak-moderate Sx veins, moderate Cx veins, weak selectively pervasive Chl, 1% disseminated sulphides vein associated.
41.19	46.33	Carbonate 5; Chlorite 3; Silicification 1	Car05; Chl03; Sil01	Dark grey fine grain massive mafic flow, weak Sx veins, moderate Cx veins, weak-moderate pervasive Chl, 1% disseminated sulphides vein associated. weakly brecciated from 43 to 46.33m
46.33	48.75	Carbonate 1; Chlorite 3; Silicification 1	Car01; Chl03; Sil01	Dark grey fine grain massive mafic flow, weak Sx veins, weak Cx veins, weak-moderate selectively pervasive Chl, 1% disseminated sulphides vein associated.
48.75	53.87	Carbonate 3; Chlorite 1; Silicification 3	Car03; Chl01; Sil03	Dark grey fine grain Variolitic Mafic flow, weak-moderate Cx veins/variol infil, weak-moderate Sx veins up to 5cm wide, weak pervasive Chl, 1-2% disseminated and stringer sulphides.
53.87	56.18	Carbonate 1; Chlorite 5; Silicification 3; Hematite 1	Car01; Chl05; Sil03; Hem01	dark grey fine grain Mafic tuff, mafic fragments up to 3mm have been altered to Chl, weak-moderate Sx veins, weak Cx veins, moderate pervasive Chl. weak selectively pervasive Hem. 1% disseminated sulphides.

56.18	81.25	Carbonate 1; Chlorite 5; Silicification 3	Car01; Chl05; Sil03	dark grey fine grain Mafic tuff, mafic fragments up to 3mm have been altered to Chl, weak-moderate Sx veins, weak-strong(strong in shear) Cx veins, moderate pervasive Chl. 1% disseminated sulphides.
81.25	82.92	Carbonate 5; Silicification 10	Car05; Sil10	med grey to white fine grain Quartz vein, moderate Cx, strong Sx 3-5% sulphides

Mineralization
Hole ID: 20HUR028
Date Logged: 27-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
3.7	16.78	Sulfides 1%	Su01	1% disseminated sulphides
16.78	26.02	Sulfides 1-2	Su1-2	Disseminated and stringers
26.02	28.27	Sulfides 1%	Su01	1% disseminated sulphides
28.27	30.97	Sulfides 1-2	Su1-2	Disseminated and stringers
30.97	48.75	Sulfides 1%	Su01	1% disseminated sulphides.
48.75	53.87	Sulfides 1-2	Su1-2	1-2% disseminated and stringers
53.87	69.71	Sulfides 1%	Su01	1% disseminated sulphides.
81.25	82.92	Sulfides 3-5	Su3-5	med grey to white fine grain Quartz vein, moderate Cx, strong Sx 3-5% sulphides

Sample Log
Hole ID: 20HUR028
Date Logged: 27-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Length (m)	Sample ID	Cert No.
3.7	4.6	0.9	764069	A20-10328
4.6	5.5	0.9	764070	A20-10402
5.5	6.4	0.9	764071	A20-10402
6.4	7.3	0.9	764072	A20-10402
7.3	8.24	0.94	764073	A20-10402
8.24	9	0.76	764074	A20-10402
9	9.63	0.63	764075	A20-10402
9.63	10.41	0.78	764076	A20-10402
10.41	11.45	1.04	764077	A20-10402
11.45	12.3	0.85	764078	A20-10402
12.3	13.36	1.06	764079	A20-10402
13.36	14.53	1.17	764081	A20-10402
14.53	15.65	1.12	764082	A20-10402
15.65	16.78	1.13	764083	A20-10402
16.78	17.59	0.81	764084	A20-10402
17.59	18.42	0.83	764085	A20-10402
18.42	19.21	0.79	764086	A20-10402
19.21	20	0.79	764087	A20-10402
20	21	1	764088	A20-10402
21	22	1	764089	A20-10402
22	22.85	0.85	764090	A20-10402
22.85	23.83	0.98	764091	A20-10402
23.83	25	1.17	764092	A20-10402
25	26.02	1.02	764093	A20-10402
26.02	26.72	0.7	764094	A20-10402
26.72	27.43	0.71	764095	A20-10402
27.43	28.27	0.84	764096	A20-10402
28.27	29.04	0.77	764097	A20-10402
29.04	29.85	0.81	764098	A20-10402
29.85	30.97	1.12	764099	A20-10402
30.97	32	1.03	764101	A20-10402
32.09	33	0.91	764102	A20-10402
33	33.7	0.7	764103	A20-10402
33.7	34.41	0.71	764104	A20-10402
34.41	35.22	0.81	764105	A20-10402
35.22	36	0.78	764106	A20-10402

36	37	1	764107	A20-10402
37	38	1	764108	A20-10402
38	39	1	764109	A20-10402
39	39.8	0.8	764110	A20-10402
39.8	40.5	0.7	764111	A20-10402
40.5	41.19	0.69	764112	A20-10402
41.19	42	0.81	764113	A20-10402
42	43	1	764114	A20-10402
43	44.09	1.09	764115	A20-10402
44.09	45	0.91	764116	A20-10402
45	45.67	0.67	764117	A20-10402
45.67	46.33	0.66	764118	A20-10402
46.33	47.43	1.1	764119	A20-10402
47.43	48.1	0.67	764121	A20-10402
48.1	48.75	0.65	764122	A20-10402
48.75	49.85	1.1	764123	A20-10402
49.85	50.87	1.02	764124	A20-10402
50.87	51.87	1	764125	A20-10402
51.87	52.87	1	764126	A20-10402
52.87	53.87	1	764127	A20-10402
53.87	54.57	0.7	764128	A20-10402
54.57	55.28	0.71	764129	A20-10402
55.28	56.18	0.9	764130	A20-10402
56.18	57	0.82	764131	A20-10402
57	58	1	764132	A20-10402
58	58.85	0.85	764133	A20-10402
58.85	59.75	0.9	764134	A20-10402
59.75	60.5	0.75	764135	A20-10402
60.5	61.2	0.7	764136	A20-10402
61.2	62	0.8	764137	A20-10402
62	63	1	764138	A20-10402
63	64	1	764139	A20-10402
64	65	1	764141	A20-10402
65	66	1	764142	A20-10402
66	67	1	764143	A20-10402
67	68	1	764144	A20-10402
68	69	1	764145	A20-10402
69	70	1	764146	A20-10402
70	70.93	0.93	764147	A20-10402
70.93	71.77	0.84	764148	A20-10402
71.77	72.44	0.67	764149	A20-10402

72.44	73.35	0.91	764150	A20-10402
73.35	74.11	0.76	764151	A20-10402
74.11	75	0.89	764152	A20-10402
75	76	1	764153	A20-10402
76	77.12	1.12	764154	A20-10402
77.12	78	0.88	764155	A20-10402
78	79.1	1.1	764156	A20-10402
79.1	80.2	1.1	764157	A20-10402
80.2	81.25	1.05	764158	A20-10398
81.25	82	0.75	764159	A20-10398
82	82.92	0.92	764161	A20-10398

Hole ID:	20HUR029	**Datum/Projection:**	NAD 83 Zone 15
Project:	Huronian	**UTM North:**	5378643
Claim/Patent #	PAT-15492	**UTM East:**	664369
Township:	Moss Lake	**Dip:**	-45
		Azimuth:	244.8
Start Date:	26-Aug-20	**Drill Company:**	Chibougamau Diamond Drilling ltd
End Date:	27-Aug-20	**Core Size:**	NQ
EOH Depth:	102 m	**Storage Location:**	Huronian
Drill Comments:			

Main Lithology
Hole ID: 20HUR029
Date Logged: 22-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
0	4.25	Overburden (Unsubdivided)	15	Casing
4.25	9.24	Variolitic lava Mafic flows	2aa	med-dark grey fine grain Variolitic mafic flow, weak-moderate selectively pervasive Cx, moderate selectively pervasive Sx, weak Chl,
9.24	10.84	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain Mafic tuff with mafic fragments up to 2mm, weak-moderate pervasive Chl, moderate pervasive Sx, weak-moderate selectively pervasive Cx, 1% disseminated sulphides.
10.84	16.12	Tuff Intermediate (unsubdivided); Tuff Mafic (unsubdivided)	3b; 2c	med-light grey fine grain intermediate to mafic tuff, remanent mafic clasts altered to Chl, moderate strong pervasive Sx, moderate selectively pervasive Cx, 1% disseminated sulphides.
16.12	22.18	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain Mafic tuff with mafic fragments up to 2mm, weak-moderate pervasive Chl, moderate pervasive Sx, weak-moderate selectively pervasive Cx, 1% disseminated sulphides.
22.18	24.2	Tuff Mafic (unsubdivided); Oxide facies iron formation	2c; 6ca	dark grey fine grain Mafic tuff with bands of oxide facies iron formation, moderate strong Mt, moderate Sx, weak Cx veins, 1-2% sulphides.
24.2	31.32	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain Mafic tuff with mafic fragments up to 2mm, weak-moderate pervasive Chl, moderate pervasive Sx, weak-moderate selectively pervasive Cx, 1% disseminated sulphides. 3% sulphides in Qz veins
31.32	34.26	Quartz-feldspar porphyry	10d	dark-light grey very fine to medium grained Quartz Feldspar Porphyry, porphyritic, feldspars and Qz up to 1cm in size, moderate pervasive Sx, weak Cx veins, 1-2% fine disseminated sulphides.
34.26	53.5	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain Mafic tuff with mafic fragments up to 2mm, Moderate-strong pervasive Bx alt., moderate pervasive Sx, moderate selectively pervasive Cx, 1% disseminated sulphides.
53.5	53.85	Missing Core	16	Ground core in shear

53.85	62.1	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain Mafic tuff with mafic fragments up to 2mm, Moderate-strong pervasive Bx alt., moderate pervasive Sx, moderate selectively pervasive Cx, 1% disseminated sulphides. weak to moderate bands of iron formation weak-moderate Mt.
62.1	62.85	Missing Core	16	Ground core in shear
62.85	102	Tuff Mafic (unsubdivided)	2c	med-dark grey fine grain Mafic tuff with mafic fragments up to 2mm, Moderate-strong pervasive Bx alt., moderate pervasive Sx, moderate selectively pervasive Cx, 1% disseminated sulphides. weak to moderate bands of iron formation weak-moderate Mt.

Sub Lithology
Hole ID: 20HUR029
Date Logged: 22-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
84.07	84.26	Iron formation (unsubdivided)	6c	Dark grey-black fine grain iron formation.

Structure
Hole ID: 20HUR029
Date Logged: 22-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From	To	Title	Summary	Description	Angle
34.26	71.75	Shear35 25°	SHR35	Shear 25 degrees tca	25

Veining
Hole ID: 20HUR029
Date Logged: 22-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Type	Descriptive element	Gangue	Vein	Angle	Minerals	Description
13.92	14.08	Quartz-Calcite 15% Sulfides 1%	QC	15%				Su01	Qz/Cx vein 1% sulphides
16.57	16.98	Quartz-Calcite 30% Sulfides 1%	QC	30%				Su01	Qz/Cx veins 1% sulphides
29.11	29.47	Quartz-Calcite 80% Sulfides 3% Chalcopyrite 1% Galene 2%	QC	80%				Su03 Cp01 Gn02	Qz/Cx vein 3% sulphides (Py/Po) 1% chalco, 2% Galena
30.34	30.69	Quartz-Calcite Sulfides 1-2	QC					Su1-2	Qz/Cx vein 1-2% sulphides
34.85	35.11	Quartz-Calcite 60% 25° Sulfides 1-2	QC	60%			25°	Su1-2	Qz/cx vein 1-2% sulphides
35.23	35.67	Quartz-Calcite 80% Sulfides 3% Chalcopyrite 1% Galene 2%	QC	80%				Su03 Cp01 Gn02	3% sulphides (py/Po) 1% chalco, 2% galena
44.5	44.84	Quartz-Calcite 25% Sulfides 1%	QC	25%				Su01	Qz/Cx vein 1% sulphides
49.72	49.78	Quartz-Calcite 25% 35° Sulfides 1%	QC	25%			35°	Su01	Qz/Cx vein 1% sulphides
51.06	51.19	Quartz-Calcite 25% 30° Sulfides 1%	QC	25%			30°	Su01	Qz/Cx vein 1% sulphides
75.8	75.97	Quartz-Calcite 25% 55° Sulfides 1%	QC	25%			55°	Su01	Qz/Cx vein over 50% carbonate 1% sulphides

Alteration
Hole ID: 20HUR029
Date Logged: 22-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description

4.25	9.24	Carbonate 3; Chlorite 1; Silicification 5	Car03; Chl01; Sil05	med-dark grey fine grain Variolitic mafic flow, weak-moderate selectively pervasive Cx, moderate selectively pervasive Sx, weak Chl,
9.24	10.84	Carbonate 3; Chlorite 3; Silicification 5	Car03; Chl03; Sil05	med-dark grey fine grain Mafic tuff with mafic fragments up to 2mm, weak-moderate pervasive Chl, moderate pervasive Sx, weak-moderate selectively pervasive Cx, 1% disseminated sulphides.
10.84	16.12	Carbonate 5; Chlorite 3; Silicification 8	Car05; Chl03; Sil08	med-light grey fine grain intermediate to mafic tuff, remanent mafic clasts altered to Chl, moderate strong pervasive Sx, moderate selectively pervasive Cx, 1% disseminated sulphides.
16.12	22.18	Carbonate 3; Chlorite 3; Silicification 5	Car03; Chl03; Sil05	med-dark grey fine grain Mafic tuff with mafic fragments up to 2mm, weak-moderate pervasive Chl, moderate pervasive Sx, weak-moderate selectively pervasive Cx, 1% disseminated sulphides.
22.18	24.2	Carbonate 1; Silicification 5; Magnetite 8	Car01; Sil05; MAG08	dark grey fine grain Mafic tuff with bands of oxide facies iron formation, moderate strong Mt, moderate Sx, weak Cx veins, 1-2% sulphides.
24.2	31.32	Carbonate 3; Chlorite 3; Silicification 5	Car03; Chl03; Sil05	med-dark grey fine grain Mafic tuff with mafic fragments up to 2mm, weak-moderate pervasive Chl, moderate pervasive Sx, weak-moderate selectively pervasive Cx, 1% disseminated sulphides. 3% sulphides in Qz veins
31.32	34.26	Carbonate 1; Silicification 5	Car01; Sil05	dark-light grey very fine to medium grained Quartz Feldspar Porphyry, porphyritic, feldspars and Qz up to 1cm in size, moderate pervasive Sx, weak Cx veins, 1-2% fine disseminated sulphides.

34.26	102	Biotite 8; Silicification 5; Carbonate 5; Magnetite 3	Bio08; Sil05; Car05; MAG03	med-dark grey fine grain Mafic tuff with mafic fragments up to 2mm, Moderate-strong pervasive Bx alt., moderate pervasive Sx, moderate selectively pervasive Cx, 1% disseminated sulphides. weak to moderate bands of iron formation weak-moderate Mt.

Mineralization
Hole ID: 20HUR029
Date Logged: 22-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

From (m)	To (m)	Title	Code	Description
9.24	22.18	Sulfides 1%	Su01	1% disseminated sulphides.
22.18	24.2	Sulfides 1-2	Su1-2	1-2% disseminated sulphides
24.2	31.32	Sulfides 2-3; Chalcopyrite 1%; Galene 2%	Su2-3; Cp01; Gn02	2-3% disseminated sulphides vein associated, also 2% galena and 1% chalco within the Qz veins2-3
31.32	34.26	Sulfides 1-2	Su1-2	1-2% fine disseminated sulphides wihtin Qz-Felds Porphyry
34.26	102	Sulfides 1%	Su01	1% disseminated sulphides

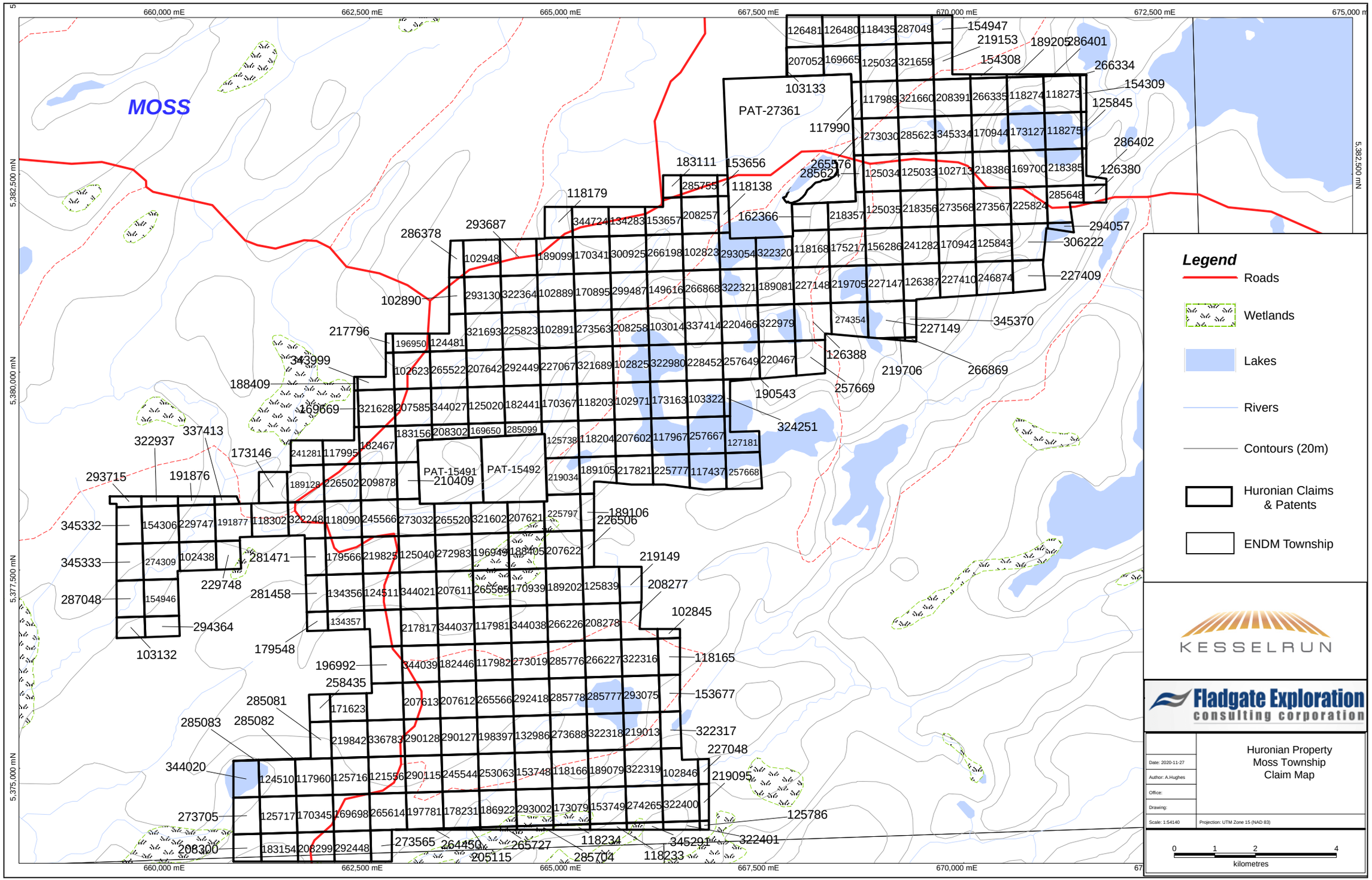
Sample Log
Hole ID: 20HUR029
Date Logged: 22-Aug-20
Geologist(s): Kyle Pederson, Jordan Kowalchuk

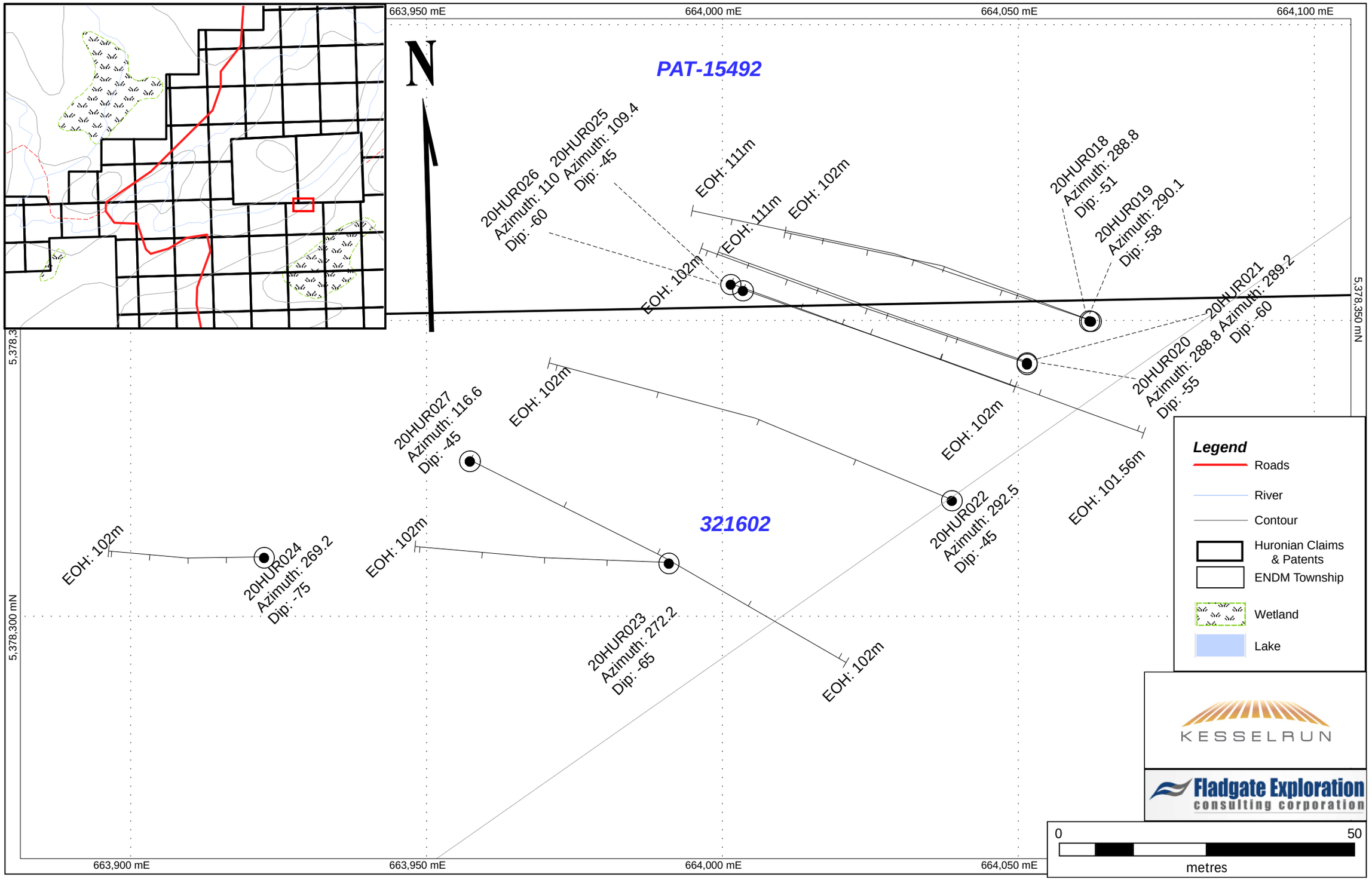
From (m)	To (m)	Length (m)	Sample ID	Cert No.
4.25	5.25	1	764162	A20-10398
5.25	6.25	1	764163	A20-10448
6.25	7.25	1	764164	A20-10448
7.25	8.25	1	764165	A20-10448
8.25	9.24	0.99	764166	A20-10448
9.24	10	0.76	764167	A20-10448
10	10.84	0.84	764168	A20-10448
10.84	11.94	1.1	764169	A20-10448
11.94	13	1.06	764170	A20-10448
13	13.77	0.77	764171	A20-10448
13.77	14.67	0.9	764172	A20-10448
14.67	15.77	1.1	764173	A20-10448
15.77	16.12	0.35	764174	A20-10448
16.12	17	0.88	764175	A20-10448
17	18	1	764176	A20-10448
18	18.91	0.91	764177	A20-10448
18.91	20	1.09	764178	A20-10448
20	21.1	1.1	764179	A20-10448
21.1	22.18	1.08	764181	A20-10448
22.18	23.2	1.02	764182	A20-10448
23.2	24.2	1	764183	A20-10448
24.2	25	0.8	764184	A20-10449
25	26	1	764185	A20-10449
26	27	1	764186	A20-10449
27	28	1	764187	A20-10449
28	29	1	764188	A20-10449
29	29.75	0.75	764189	A20-10449
29.75	30.45	0.7	764190	A20-10449
30.45	31.32	0.87	764191	A20-10449
31.32	32.11	0.79	764192	A20-10449
32.11	32.88	0.77	764193	A20-10449
32.88	33.57	0.69	764194	A20-10449
33.57	34.26	0.69	764195	A20-10449
34.26	35.11	0.85	764196	A20-10449
35.11	36	0.89	764197	A20-10449
36	36.7	0.7	764198	A20-10449

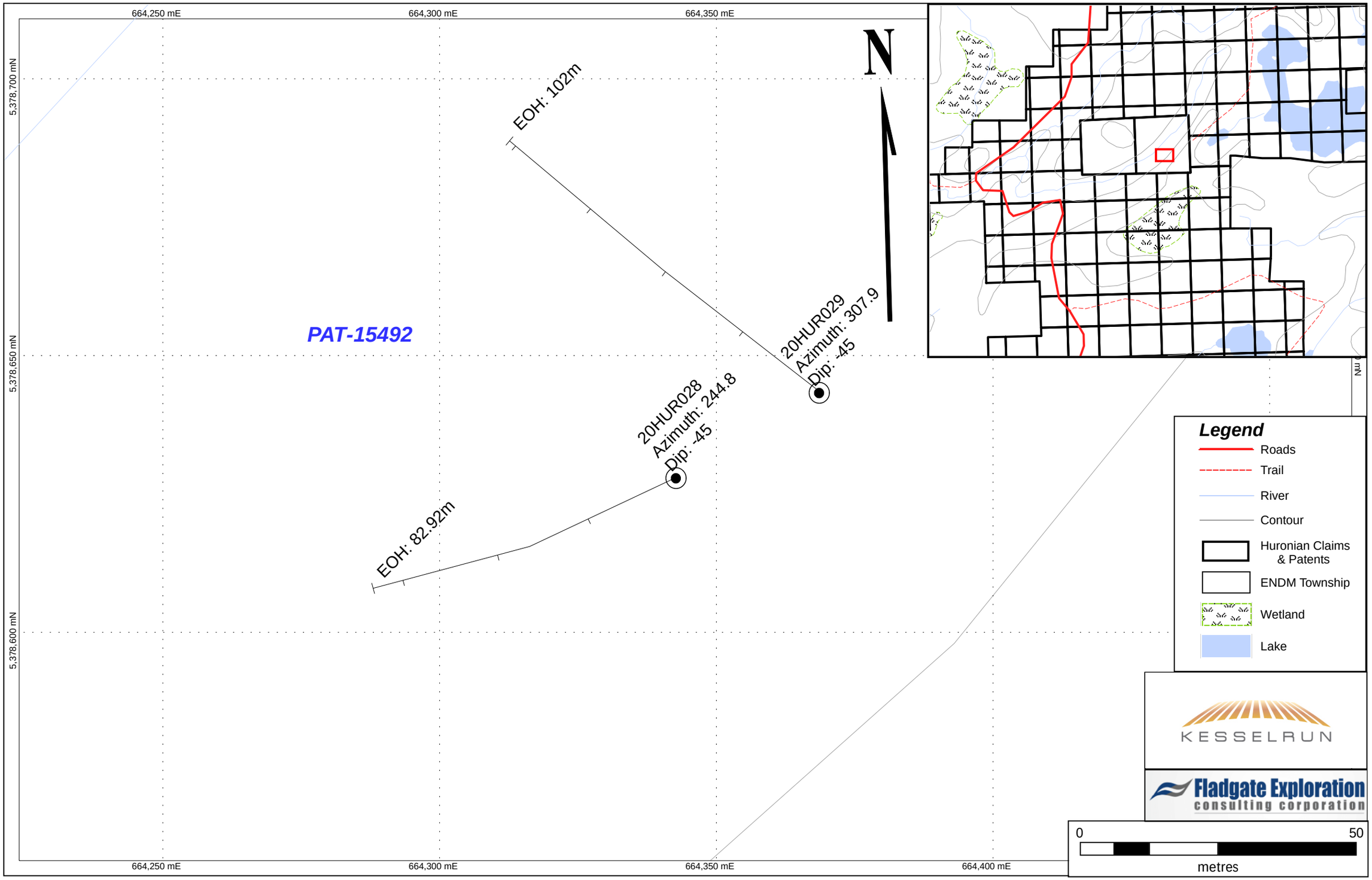
36.7	37.8	1.1	764199	A20-10449
37.8	38.8	1	764201	A20-10449
38.8	39.9	1.1	764202	A20-10448
39.9	41	1.1	764203	A20-10448
41	42	1	764204	A20-10448
42	43	1	764205	A20-10448
43	44	1	764206	A20-10448
44	44.84	0.84	764207	A20-10448
44.84	45.9	1.06	764208	A20-10448
45.9	47	1.1	764209	A20-10448
47	48	1	764210	A20-10448
48	49	1	764211	A20-10448
49	50	1	764212	A20-10448
50	51	1	764213	A20-10448
51	51.7	0.7	764214	A20-10448
51.7	52.5	0.8	764215	A20-10448
52.5	53.5	1	764216	A20-10448
53.85	54.8	0.95	764217	A20-10448
54.8	55.9	1.1	764218	A20-10448
55.9	57	1.1	764219	A20-10448
57	58	1	764221	A20-10448
58	59	1	764222	A20-10448
59	60	1	764223	A20-10448
60	61	1	764224	A20-10448
61	62.1	1.1	764225	A20-10448
62.85	63.92	1.07	764226	A20-10448
63.92	65	1.08	764227	A20-10448
65	66	1	764228	A20-10448
66	67	1	764229	A20-10448
67	68	1	764230	A20-10448
68	69	1	764231	A20-10448
69	70	1	764232	A20-10448
70	71	1	764233	A20-10448
71	72	1	764234	A20-10448
72	73	1	764235	A20-10448
73	74	1	764236	A20-10448
74	75	1	764237	A20-10448
75	76.03	1.03	764238	A20-10448
76.03	77	0.97	764239	A20-10448
77	78	1	764241	A20-10448
78	79	1	764242	A20-10448

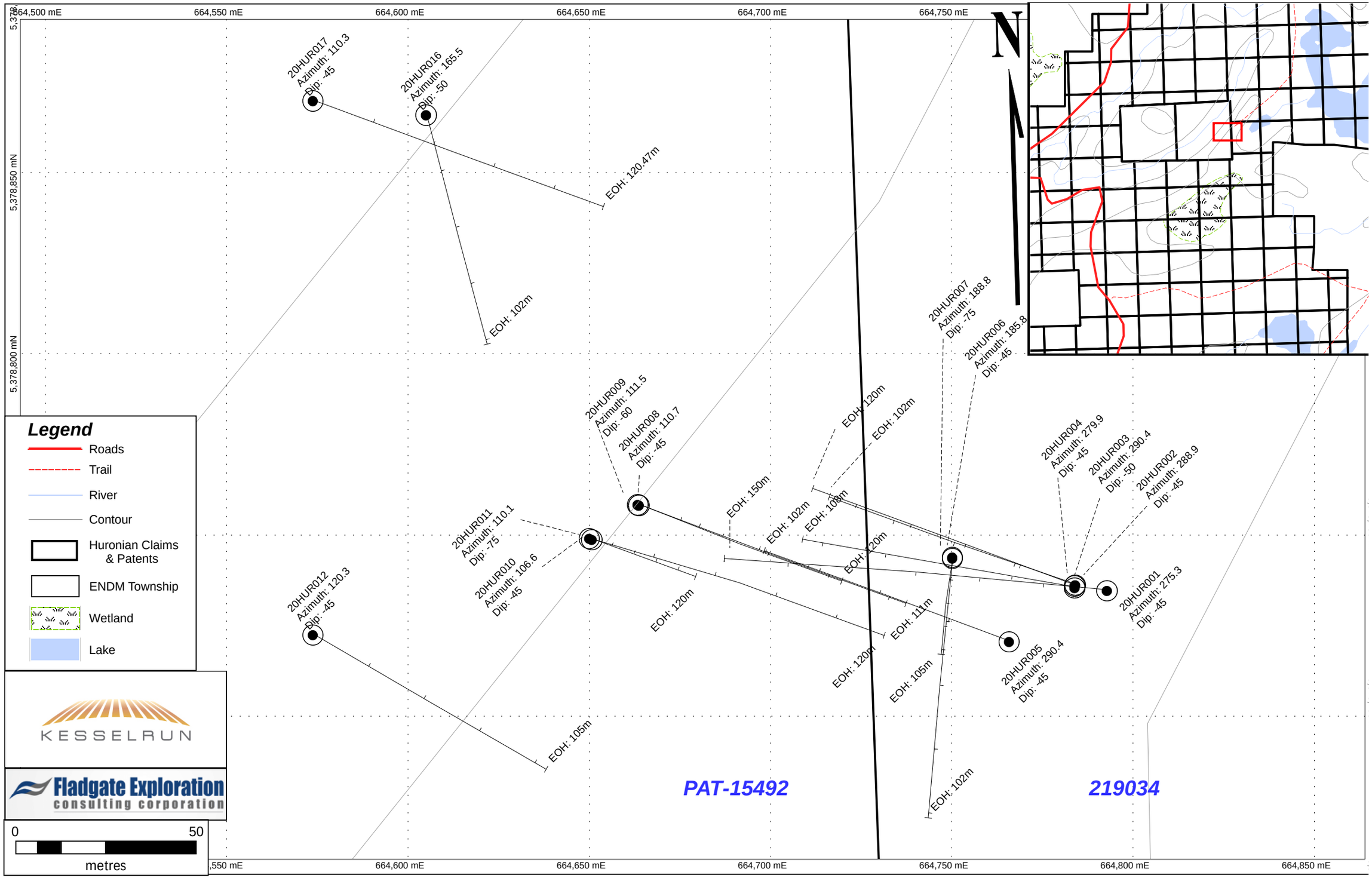
79	80	1	764243	A20-10448
80	81	1	764244	A20-10448
81	82	1	764245	A20-10448
82	83	1	764246	A20-10448
83	84	1	764247	A20-10448
84	85	1	764248	A20-10448
85	86	1	764249	A20-10448
86	87	1	764250	A20-10448
87	88	1	764251	A20-10448
88	89	1	764252	A20-10448
89	90	1	764253	A20-10448
90	91	1	764254	A20-10448
91	92	1	764255	A20-10448
92	93	1	764256	A20-10448
93	94	1	764257	A20-10448
94	95	1	764258	A20-10448
95	96	1	764259	A20-10448
96	97	1	764261	A20-10448
97	98	1	764262	A20-10448
98	99	1	764263	A20-10448
99	100	1	764264	A20-10448
100	101	1	764265	A20-10448
101	102	1	764266	A20-10448

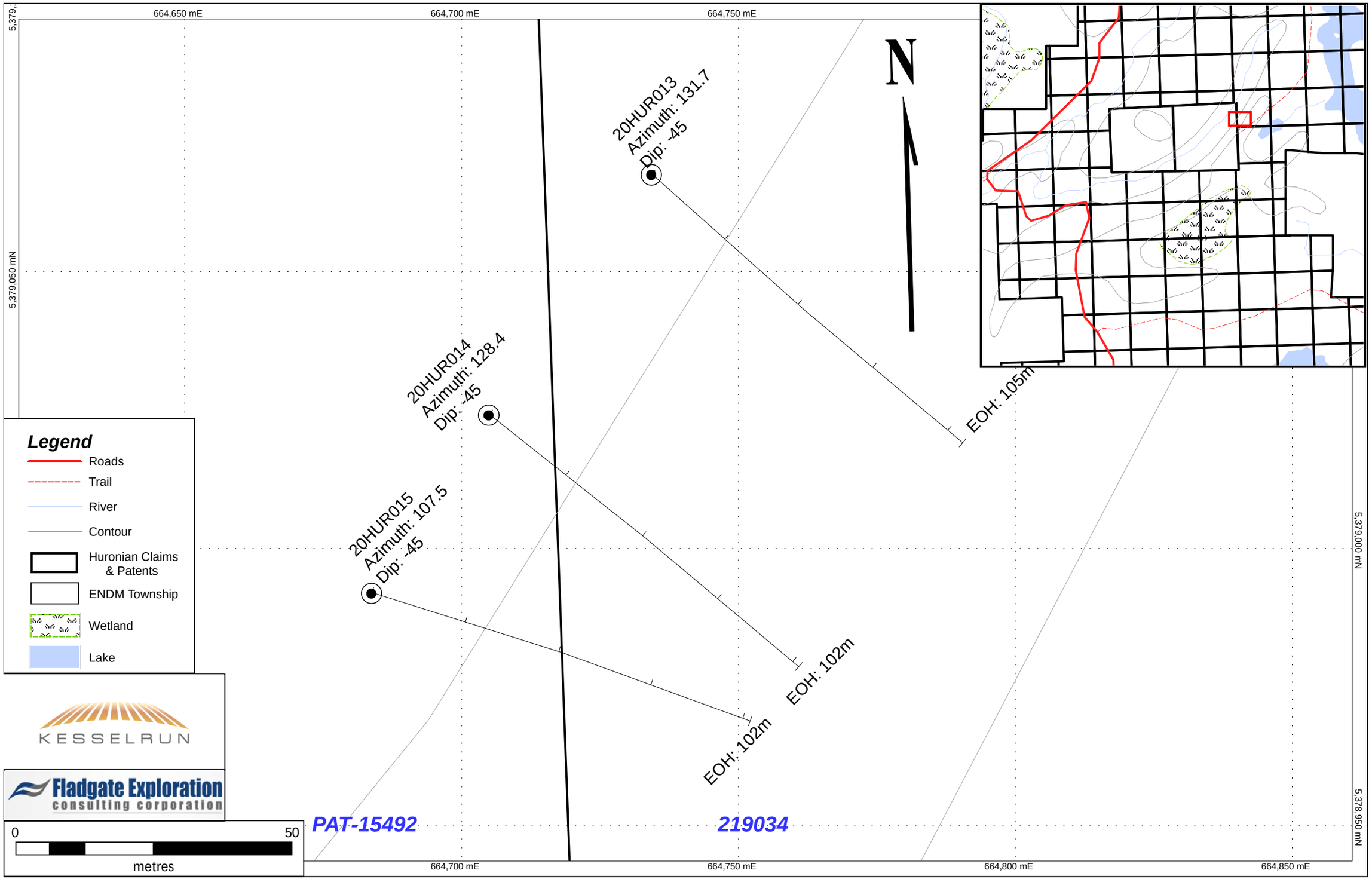
Appendix II – Plan Maps


MOSS
PAT-27361
PAT-15491
PAT-15492
660,000 mE
662,500 mE
665,000 mE
667,500 mE
670,000 mE
672,500 mE
675,000 mE
5,382,500 mN
5,380,000 mN
5,377,500 mN
5,375,000 mN
Legend
Roads
Wetlands
Lakes
Rivers
Contours (20m)
Huronian Claims & Patents
ENDM Township
KESSELRUN
Fladgate Exploration consulting corporation
Huronian Property
Moss Township
Claim Map
Date: 2020-11-27
Author: A.Hughes
Office:
Drawing:
Scale: 1:54140
Projection: UTM Zone 15 (NAD 83)
0 1 2 4
kilometres

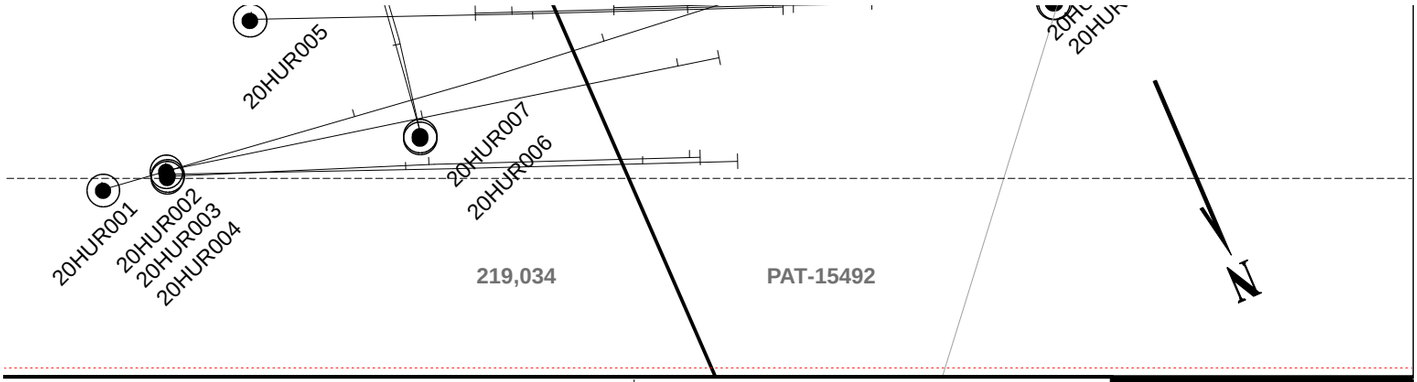

663,950 mE
664,000 mE
664,050 mE
664,100 mE
N
PAT-15492
20HUR026
Azimuth: 110
Dip: -60
20HUR025
Azimuth: 109.4
Dip: -45
EOH: 111m
EOH: 111m
EOH: 102m
EOH: 102m
20HUR018
Azimuth: 288.8
Dip: -51
20HUR019
Azimuth: 290.1
Dip: -58
20HUR021
Azimuth: 289.2
Dip: -60
20HUR020
Azimuth: 288.8
Dip: -55
5,378,350 mN
5,378,3
20HUR027
Azimuth: 116.6
Dip: -45
EOH: 102m
EOH: 102m
EOH: 101.56m
321602
20HUR022
Azimuth: 292.5
Dip: -45
EOH: 102m
20HUR024
Azimuth: 269.2
Dip: -75
EOH: 102m
20HUR023
Azimuth: 272.2
Dip: -65
EOH: 102m
5,378,300 mN
663,900 mE
663,950 mE
664,000 mE
664,050 mE
Legend
Roads
River
Contour
Huronian Claims & Patents
ENDM Township
Wetland
Lake
KESSELRUN
Fladgate Exploration
consulting corporation
0
50
metres

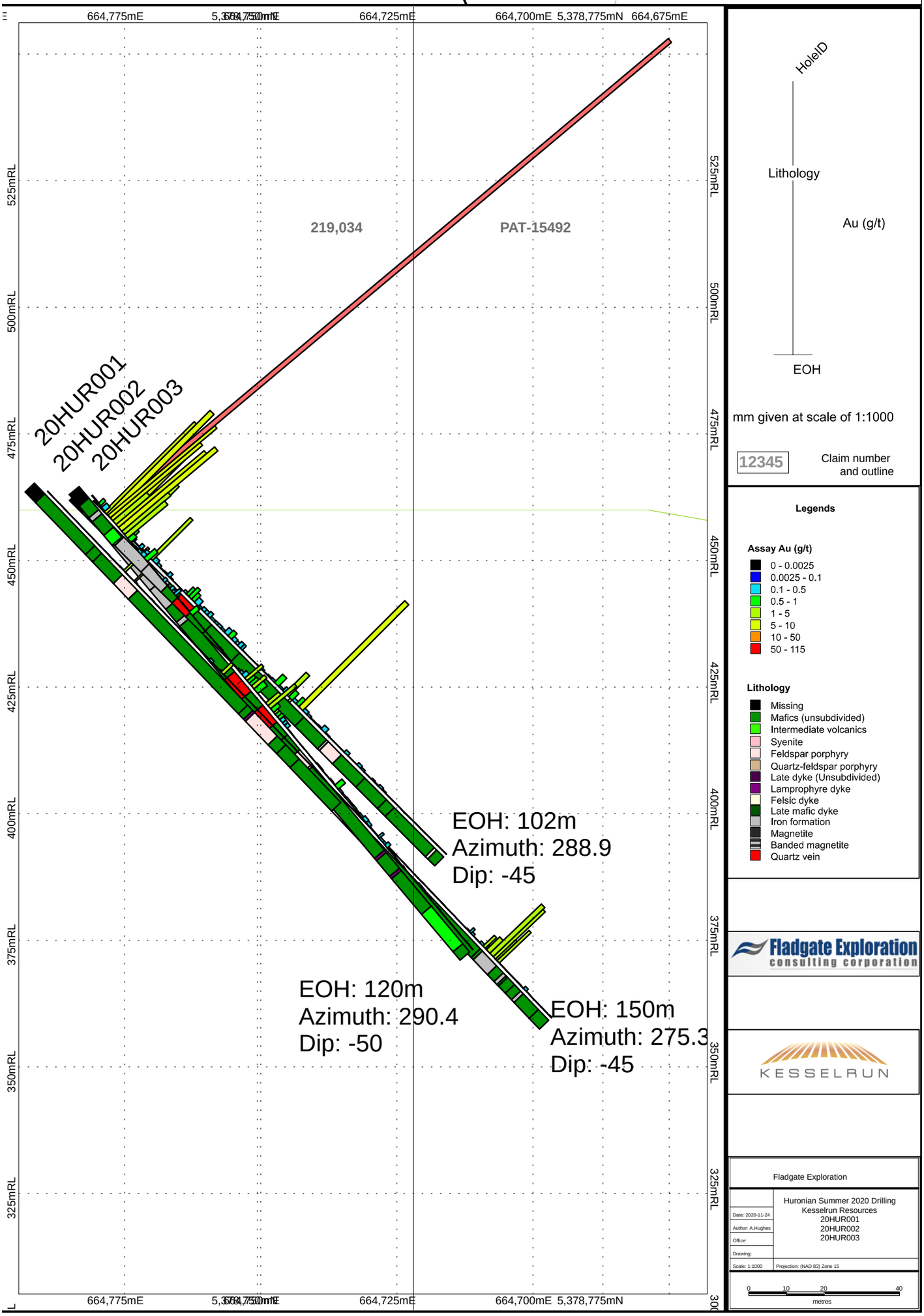

664,250 mE
664,300 mE
664,350 mE
664,400 mE
5,378,700 mN
5,378,650 mN
5,378,600 mN
N
EOH: 102m
20HUR029
Azimuth: 307.9
Dip: -45
20HUR028
Azimuth: 244.8
Dip: -45
EOH: 82.92m
PAT-15492
Legend
Roads
Trail
River
Contour
Huronian Claims & Patents
ENDM Township
Wetland
Lake
KESSELRUN
Fladgate Exploration
consulting corporation
0
50
metres


664,500 mE
664,550 mE
664,600 mE
664,650 mE
664,700 mE
664,750 mE
664,800 mE
664,850 mE
5,378,900 mN
5,378,850 mN
5,378,800 mN
N
20HUR017
Azimuth: 110.3
Dip: -45
20HUR016
Azimuth: 165.5
Dip: -50
EOH: 120.47m
EOH: 102m
20HUR007
Azimuth: 188.8
Dip: -75
20HUR006
Azimuth: 185.8
Dip: -45
20HUR009
Azimuth: 111.5
Dip: -60
20HUR008
Azimuth: 110.7
Dip: -45
EOH: 120m
EOH: 102m
EOH: 150m
EOH: 102m
EOH: 108m
20HUR004
Azimuth: 279.9
Dip: -45
20HUR003
Azimuth: 290.4
Dip: -50
20HUR002
Azimuth: 288.9
Dip: -45
20HUR011
Azimuth: 110.1
Dip: -75
20HUR010
Azimuth: 106.6
Dip: -45
EOH: 120m
EOH: 120m
EOH: 111m
20HUR001
Azimuth: 275.3
Dip: -45
20HUR012
Azimuth: 120.3
Dip: -45
EOH: 120m
EOH: 105m
20HUR005
Azimuth: 290.4
Dip: -45
EOH: 105m
EOH: 102m
PAT-15492
219034
Legend
Roads
Trail
River
Contour
Huronian Claims & Patents
ENDM Township
Wetland
Lake
KESSELRUN
Fladgate Exploration
consulting corporation
0
50
metres


664,650 mE
664,700 mE
664,750 mE
664,800 mE
664,850 mE
5,379,
5,379,050 mN
5,379,000 mN
5,378,950 mN
N
20HUR013
Azimuth: 131.7
Dip: -45
EOH: 105m
20HUR014
Azimuth: 128.4
Dip: -45
EOH: 102m
20HUR015
Azimuth: 107.5
Dip: -45
EOH: 102m
Legend
Roads
Trail
River
Contour
Huronian Claims & Patents
ENDM Township
Wetland
Lake
KESSELRUN
Fladgate Exploration
consulting corporation
0
50
metres
PAT-15492
219034

Appendix III – Vertical Sections





HoleID

Lithology

Au (g/t)

EOH

mm given at scale of 1:1000

12345 Claim number and outline

Legends

Assay Au (g/t)

- 0 - 0.0025
- 0.0025 - 0.1
- 0.1 - 0.5
- 0.5 - 1
- 1 - 5
- 5 - 10
- 10 - 50
- 50 - 115

Lithology

- Missing
- Mafics (unsubdivided)
- Intermediate volcanics
- Syenite
- Feldspar porphyry
- Quartz-feldspar porphyry
- Late dyke (Unsubdivided)
- Lamprophyre dyke
- Felsic dyke
- Late mafic dyke
- Iron formation
- Magnetite
- Banded magnetite
- Quartz vein

Fladgate Exploration consulting corporation

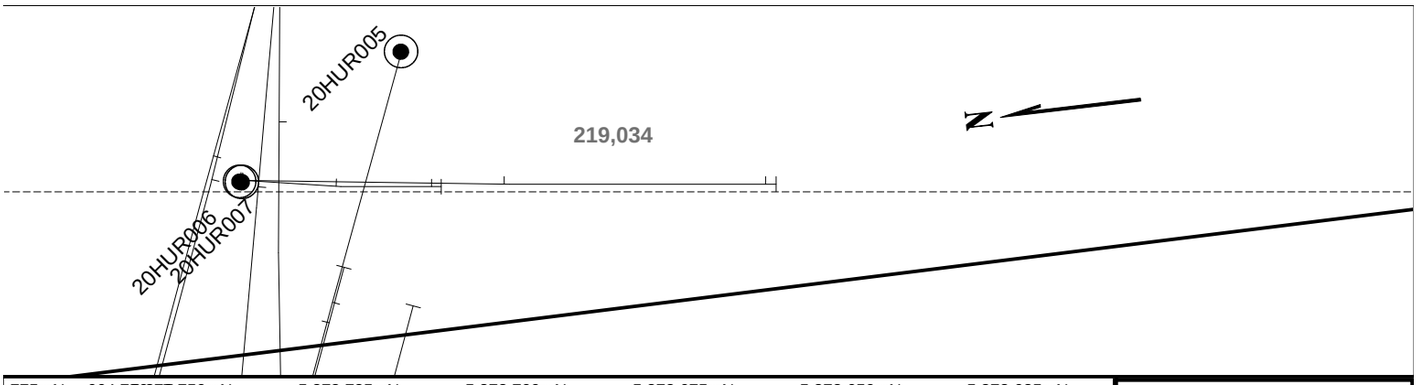
KESSELRUN

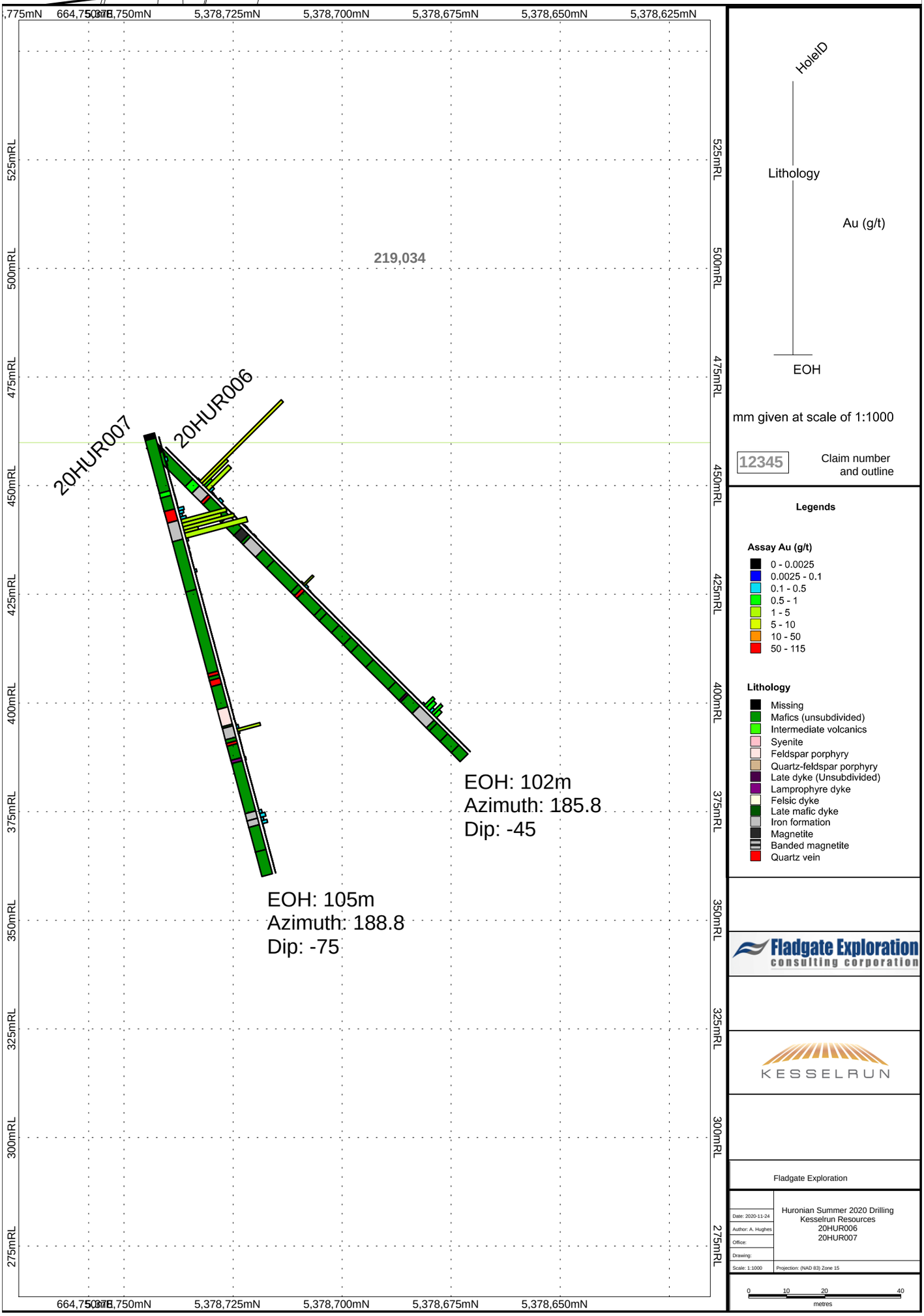
Fladgate Exploration

Huronian Summer 2020 Drilling
Kesselrun Resources
20HUR001
20HUR002
20HUR003

Date: 2020-11-24
Author: A.Hughes
Office:
Drawing:
Scale: 1:1000
Projection: (NAD 83) Zone 15

0 10 20 40
metres





HoleID

Lithology

Au (g/t)

EOH

mm given at scale of 1:1000

12345 Claim number and outline

Legends

Assay Au (g/t)

- 0 - 0.0025
- 0.0025 - 0.1
- 0.1 - 0.5
- 0.5 - 1
- 1 - 5
- 5 - 10
- 10 - 50
- 50 - 115

Lithology

- Missing
- Mafics (unsubdivided)
- Intermediate volcanics
- Syenite
- Feldspar porphyry
- Quartz-feldspar porphyry
- Late dyke (Unsubdivided)
- Lamprophyre dyke
- Felsic dyke
- Late mafic dyke
- Iron formation
- Magnetite
- Banded magnetite
- Quartz vein

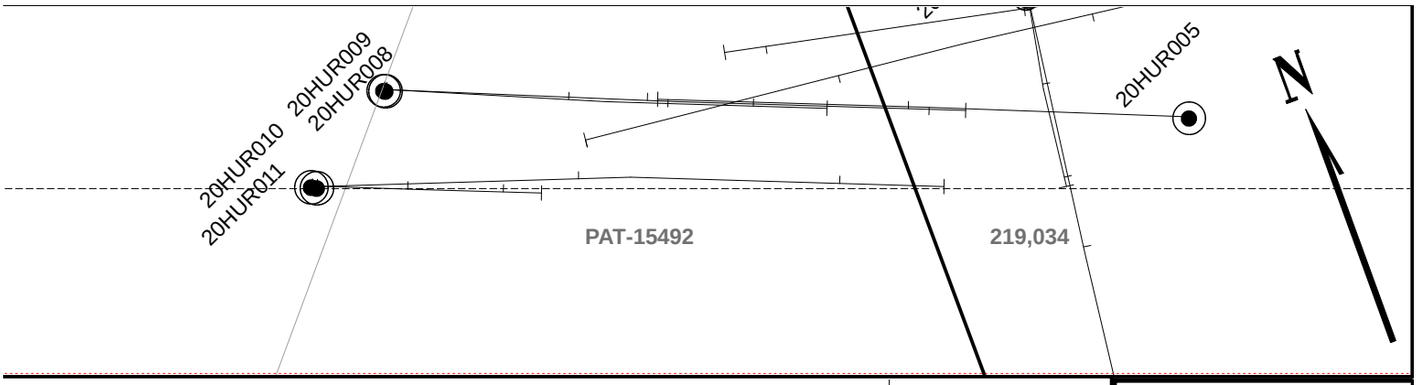
Fladgate Exploration consulting corporation

KESSELRUN

Fladgate Exploration

Date: 2020-11-24	Huronian Summer 2020 Drilling Kesselrun Resources 20HUR006 20HUR007
Author: A. Hughes	
Office:	
Drawing:	
Scale: 1:1000	Projection: (NAD 83) Zone 15

0 10 20 40
metres



664,625mE 5,376,650mN 664,675mE 664,700mE 5,376,725mN 664,750mE

500mRL 475mRL 450mRL 425mRL 400mRL 375mRL 350mRL 325mRL 300mRL 275mRL 250mRL

PAT-15492 219,034

20HUR010

20HUR011

EOH: 120m
Azimuth: 106.6
Dip: -45

EOH: 120m
Azimuth: 110.1
Dip: -75

HoleID

Lithology

Au (g/t)

EOH

mm given at scale of 1:1000

12345 Claim number and outline

Legends

Assay Au (g/t)

- 0 - 0.0025
- 0.0025 - 0.1
- 0.1 - 0.5
- 0.5 - 1
- 1 - 5
- 5 - 10
- 10 - 50
- 50 - 115

Lithology

- Missing
- Mafics (unsubdivided)
- Intermediate volcanics
- Syenite
- Feldspar porphyry
- Quartz-feldspar porphyry
- Late dyke (Unsubdivided)
- Lamprophyre dyke
- Felsic dyke
- Late mafic dyke
- Iron formation
- Magnetite
- Banded magnetite
- Quartz vein

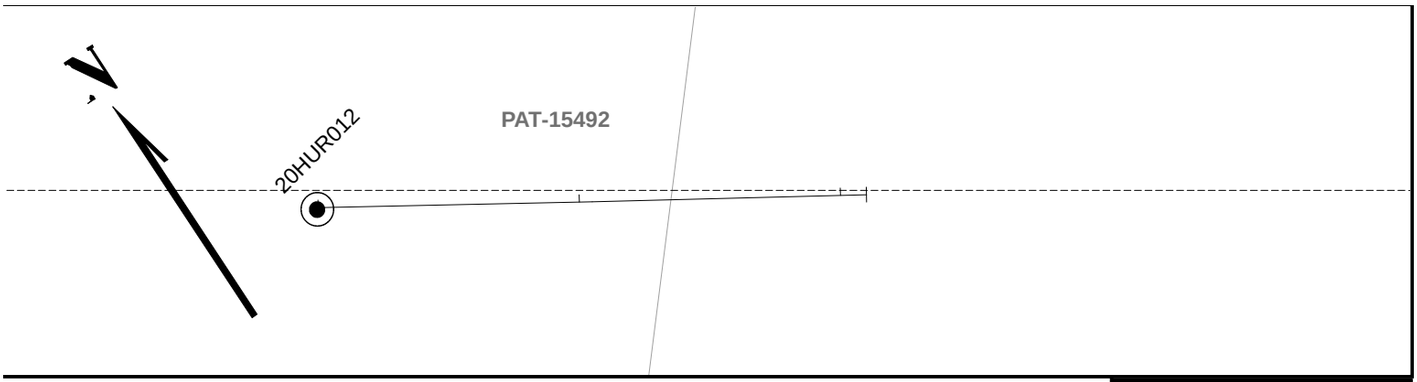
Fladgate Exploration consulting corporation

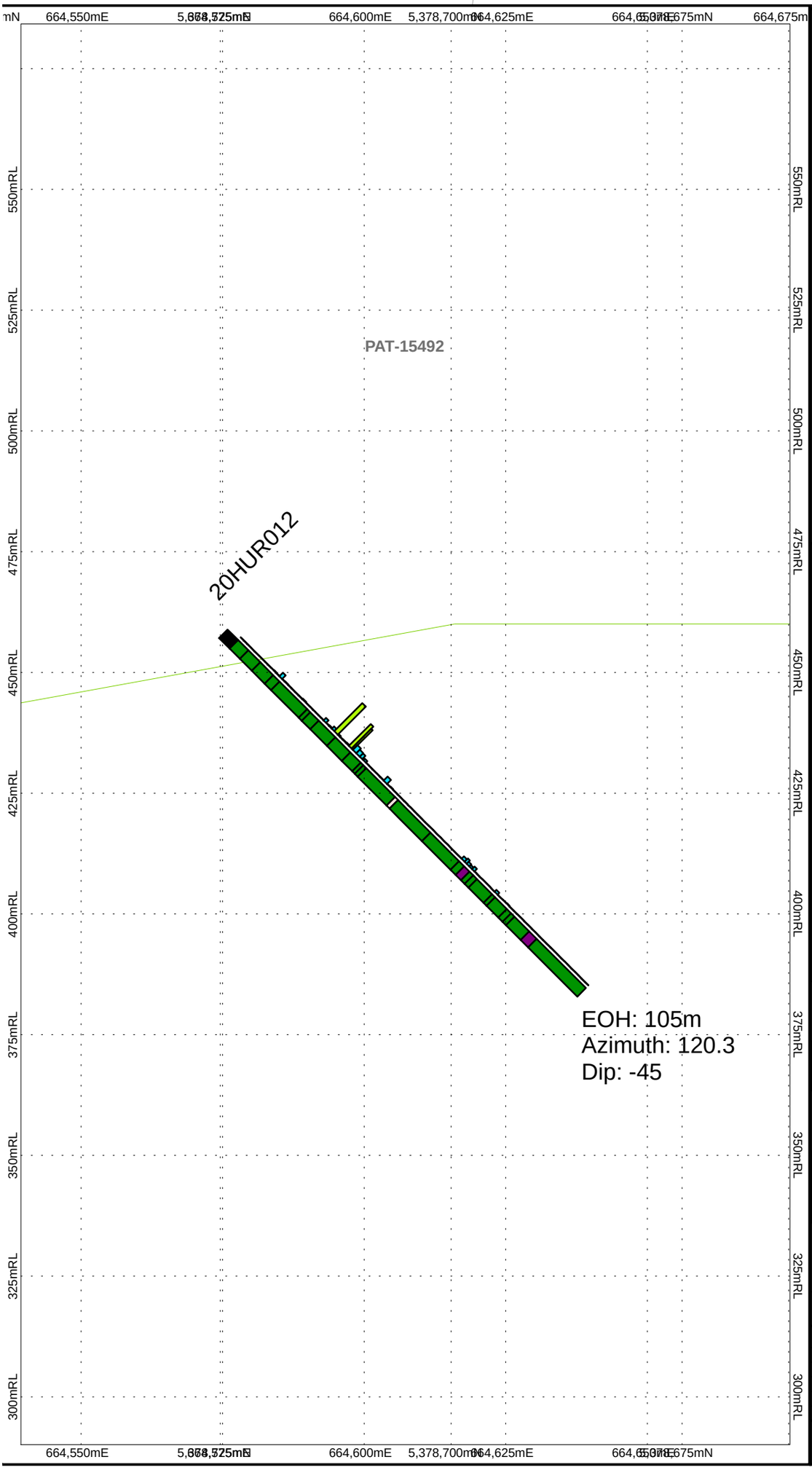
KESSELRUN

Fladgate Exploration

Date: 2020-11-23	Huronian Summer 2020 Drilling Kesselrun Resources 20HUR010 20HUR011
Author: A.Hughes	
Office:	
Drawing:	
Scale: 1:1000	Projection: (NAD 83) Zone 15

0 10 20 40
metres





HoleID

Lithology

Au (g/t)

EOH

mm given at scale of 1:1000

12345 Claim number and outline

Legends

Assay Au (g/t)

- 0 - 0.0025
- 0.0025 - 0.1
- 0.1 - 0.5
- 0.5 - 1
- 1 - 5
- 5 - 10
- 10 - 50
- 50 - 115

Lithology

- Missing
- Mafics (unsubdivided)
- Intermediate volcanics
- Syenite
- Feldspar porphyry
- Quartz-feldspar porphyry
- Late dyke (Unsubdivided)
- Lamprophyre dyke
- Felsic dyke
- Late mafic dyke
- Iron formation
- Magnetite
- Banded magnetite
- Quartz vein

Fladgate Exploration consulting corporation

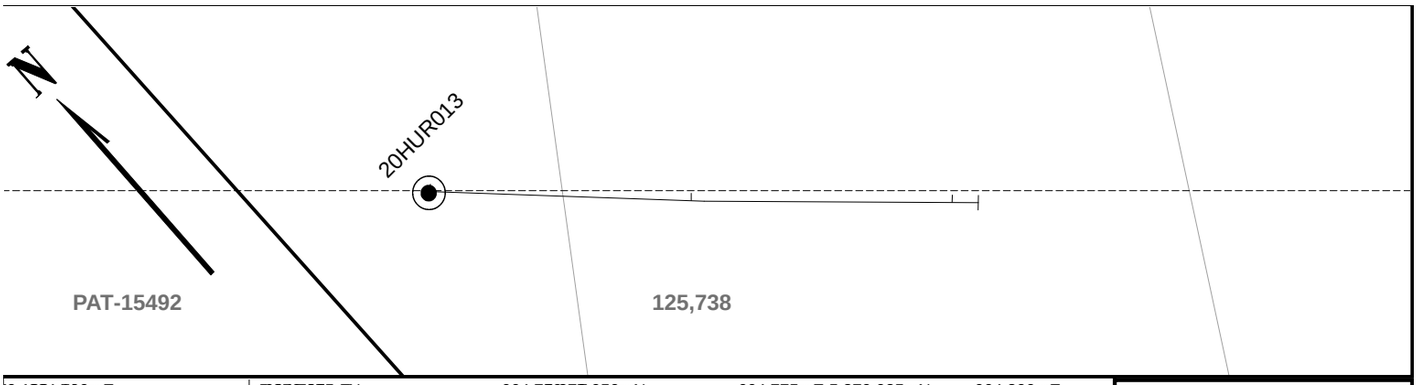
KESSELRUN

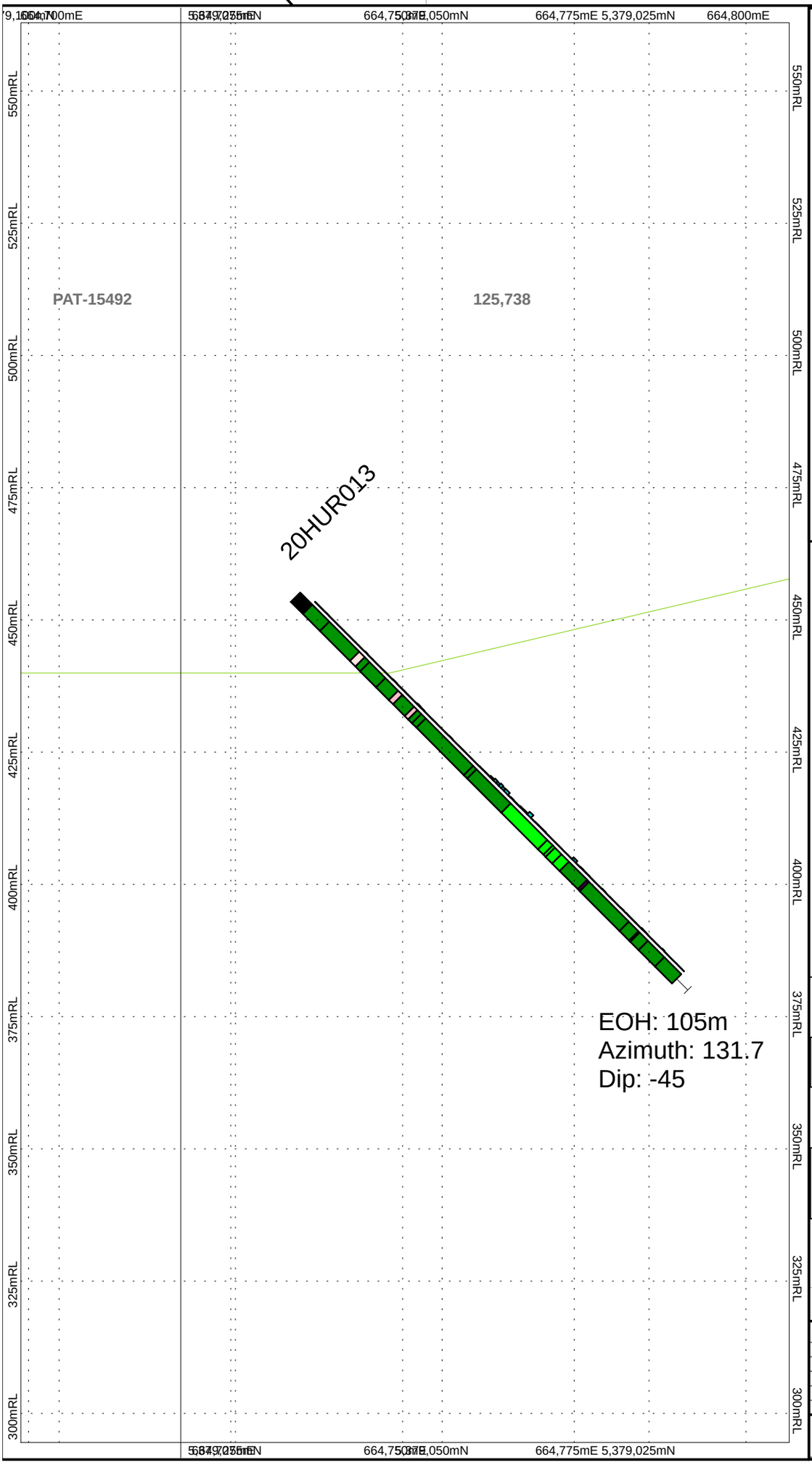
Fladgate Exploration

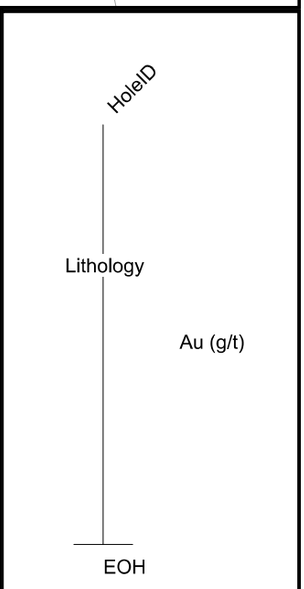
Huronian Summer 2020 Drilling
Kesselrun Resources
20HUR012

Date: 2020-11-23
Author: A.Hughes
Office:
Drawing:
Scale: 1:1000
Projection: (NAD 83) Zone 15

0 10 20 40
metres







mm given at scale of 1:1000

12345 Claim number and outline

Legends

Assay Au (g/t)

- 0 - 0.0025
- 0.0025 - 0.1
- 0.1 - 0.5
- 0.5 - 1
- 1 - 5
- 5 - 10
- 10 - 50
- 50 - 115

Lithology

- Missing
- Mafics (unsubdivided)
- Intermediate volcanics
- Syenite
- Feldspar porphyry
- Quartz-feldspar porphyry
- Late dyke (Unsubdivided)
- Lamprophyre dyke
- Felsic dyke
- Late mafic dyke
- Iron formation
- Magnetite
- Banded magnetite
- Quartz vein

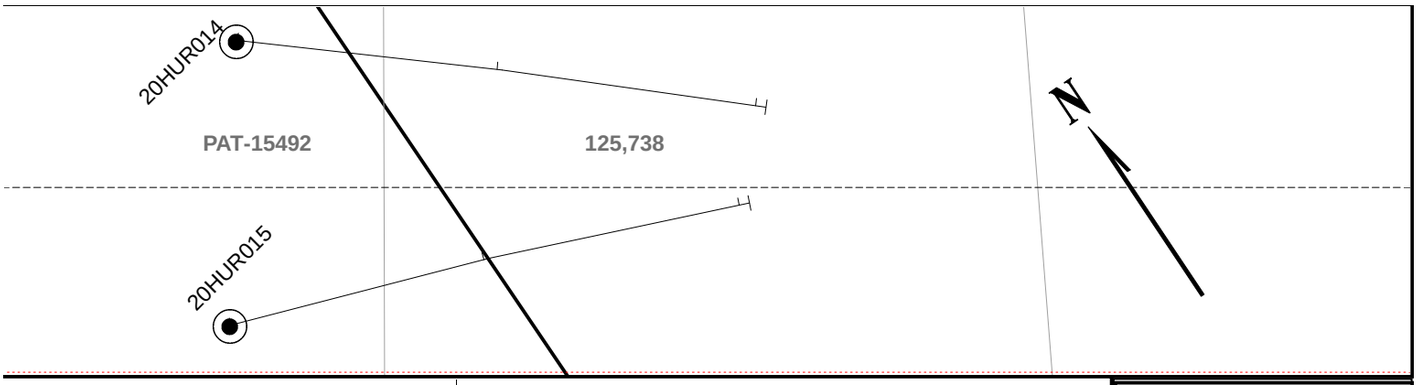
Fladgate Exploration consulting corporation

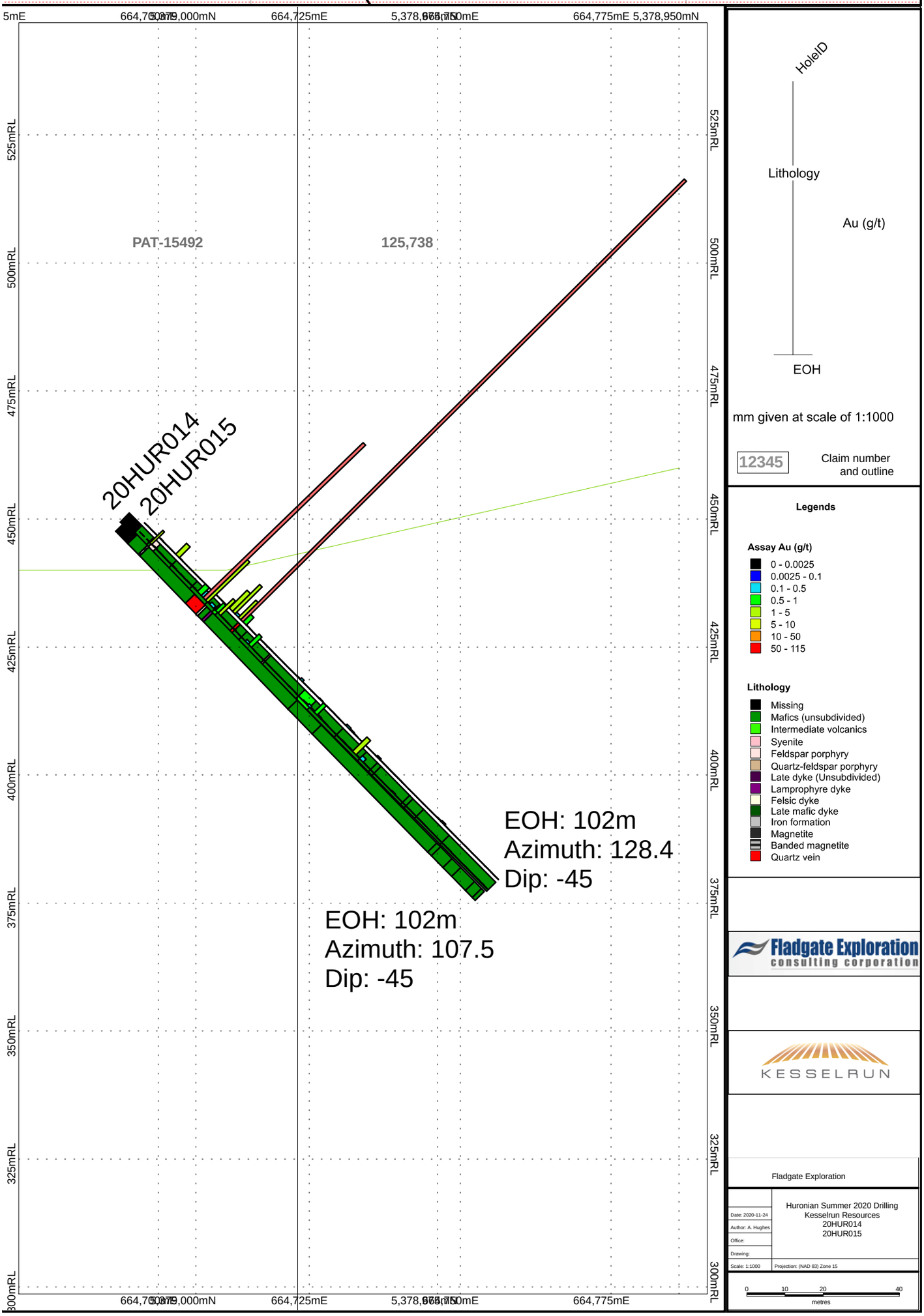
KESSELRUN

Fladgate Exploration

Date: 2020-11-23	Huronian Summer 2020 Drilling Kesselrun Resources 20HUR013
Author: A.Hughes	
Office:	
Drawing:	
Scale: 1:1000	Projection: (NAD 83) Zone 15

0 10 20 40
metres





HoleID

Lithology

Au (g/t)

EOH

mm given at scale of 1:1000

12345 Claim number and outline

Legends

Assay Au (g/t)

- 0 - 0.0025
- 0.0025 - 0.1
- 0.1 - 0.5
- 0.5 - 1
- 1 - 5
- 5 - 10
- 10 - 50
- 50 - 115

Lithology

- Missing
- Mafics (unsubdivided)
- Intermediate volcanics
- Syenite
- Feldspar porphyry
- Quartz-feldspar porphyry
- Late dyke (Unsubdivided)
- Lamprophyre dyke
- Felsic dyke
- Late mafic dyke
- Iron formation
- Magnetite
- Banded magnetite
- Quartz vein

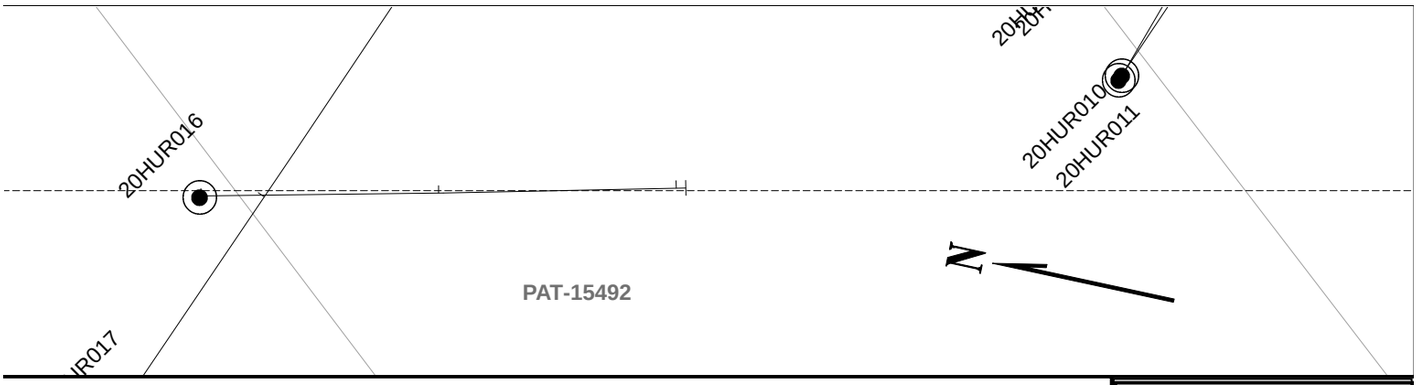
Fladgate Exploration consulting corporation

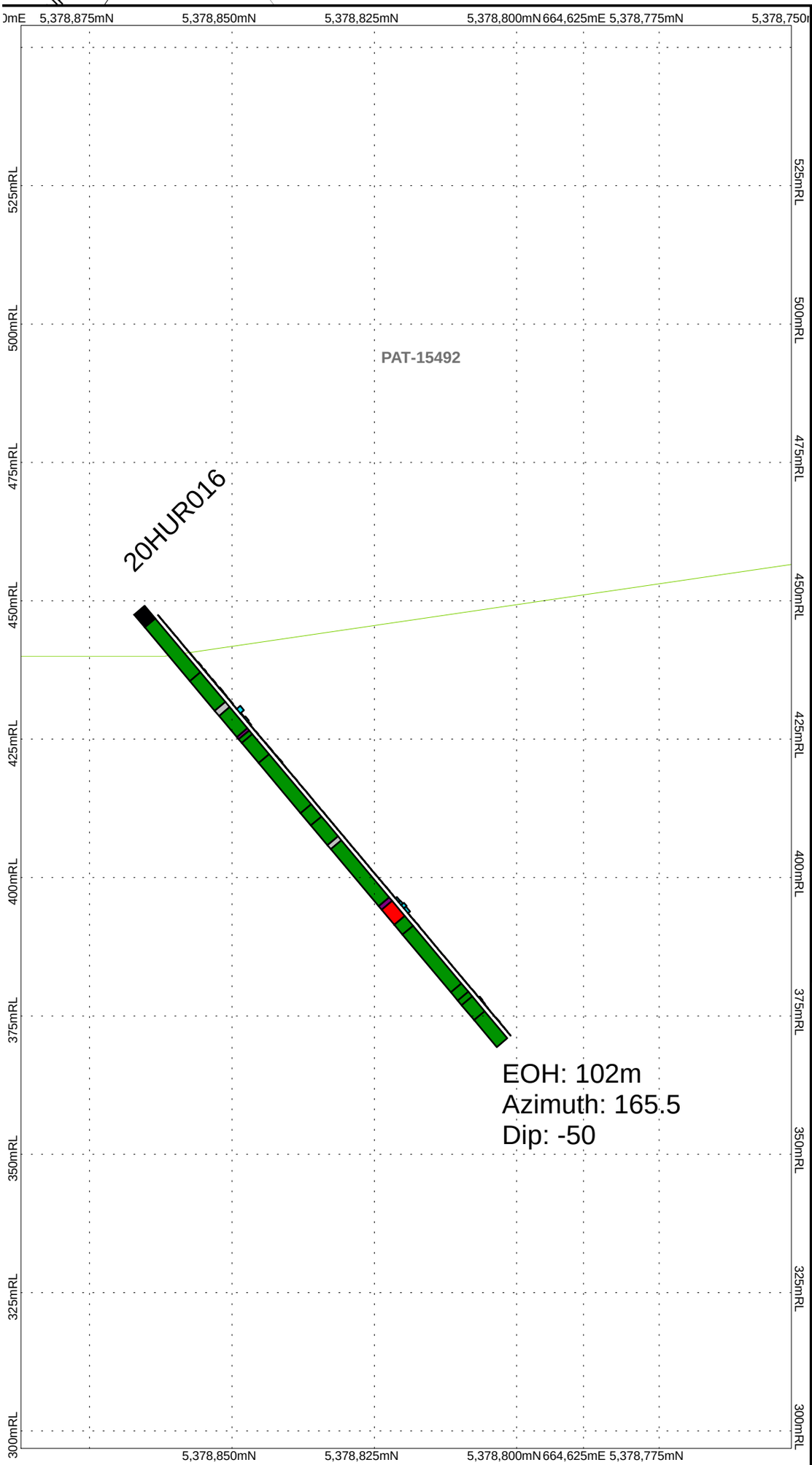
KESSELRUN

Fladgate Exploration

Date: 2020-11-24	Huronian Summer 2020 Drilling Kesselrun Resources 20HUR014 20HUR015
Author: A. Hughes	
Office:	
Drawing:	
Scale: 1:1000	Projection: (NAD 83) Zone 15

0 10 20 40
metres





HoleID

Lithology

Au (g/t)

EOH

mm given at scale of 1:1000

12345 Claim number and outline

Legends

Assay Au (g/t)

- 0 - 0.0025
- 0.0025 - 0.1
- 0.1 - 0.5
- 0.5 - 1
- 1 - 5
- 5 - 10
- 10 - 50
- 50 - 115

Lithology

- Missing
- Mafics (unsubdivided)
- Intermediate volcanics
- Syenite
- Feldspar porphyry
- Quartz-feldspar porphyry
- Late dyke (Unsubdivided)
- Lamprophyre dyke
- Felsic dyke
- Late mafic dyke
- Iron formation
- Magnetite
- Banded magnetite
- Quartz vein

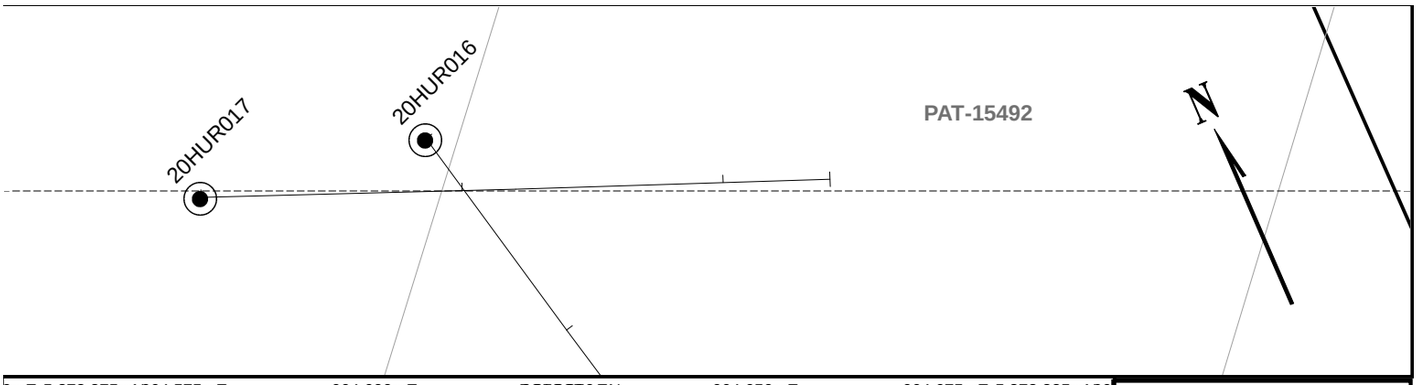
Fladgate Exploration consulting corporation

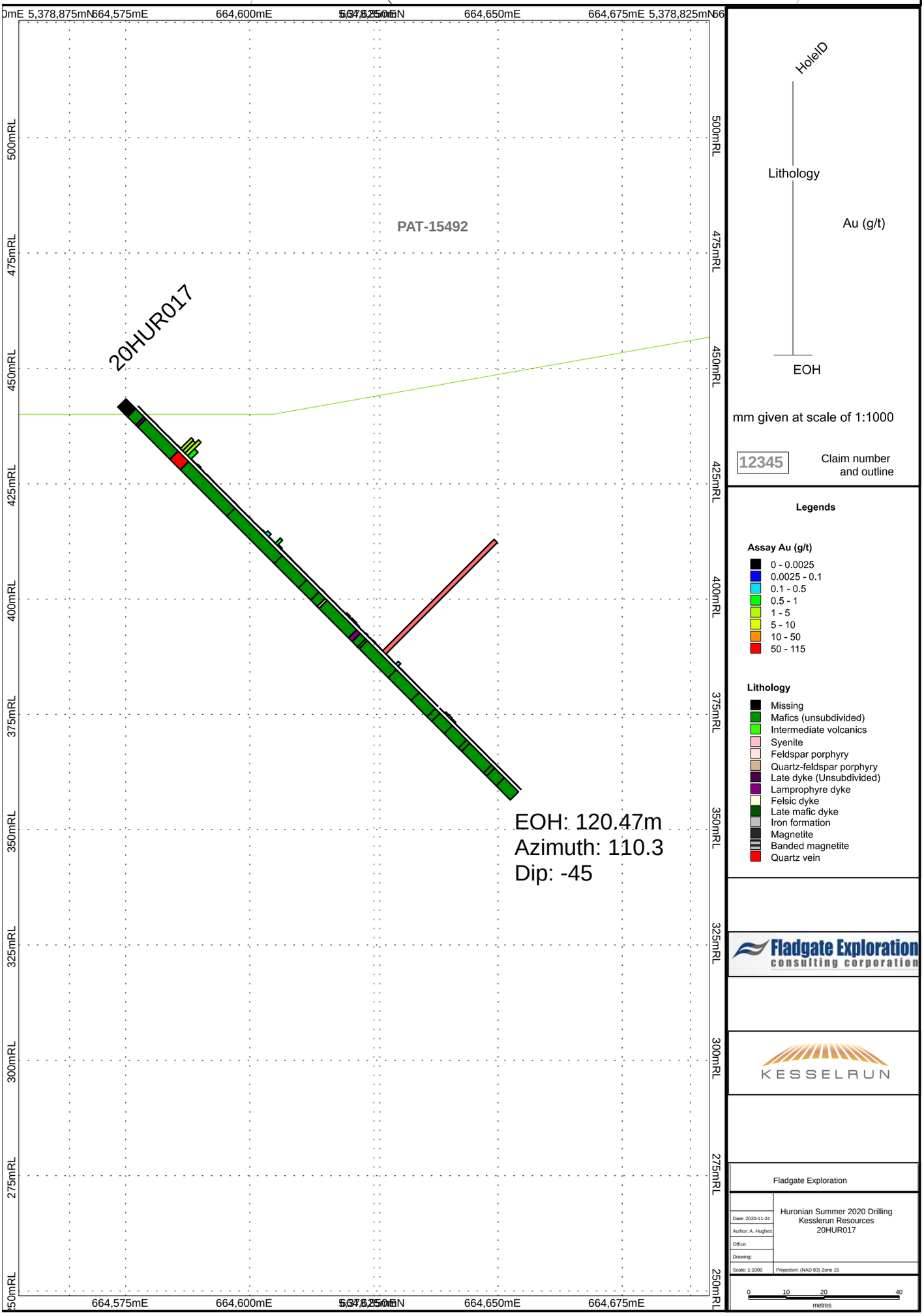
KESSELRUN

Fladgate Exploration

Date: 2020-11-24	Huronian 2020 Summer Drilling Kesselrun Resources 20HUR016
Author: A.Hughes	
Office:	
Drawing:	
Scale: 1:1000	Projection: (NAD 83) Zone 15

0 10 20 40
metres





mm given at scale of 1:1000

12345 Claim number and outline

Legends

Assay Au (g/t)

- 0 - 0.0025
- 0.0025 - 0.1
- 0.1 - 0.5
- 0.5 - 1
- 1 - 5
- 5 - 10
- 10 - 50
- 50 - 115

Lithology

- Missing
- Mafics (unsubdivided)
- Intermediate volcanics
- Syenite
- Feldspar porphyry
- Quartz-feldspar porphyry
- Late dyke (Unsubdivided)
- Lamprophyre dyke
- Felsic dyke
- Late mafic dyke
- Iron formation
- Magnetite
- Banded magnetite
- Quartz vein

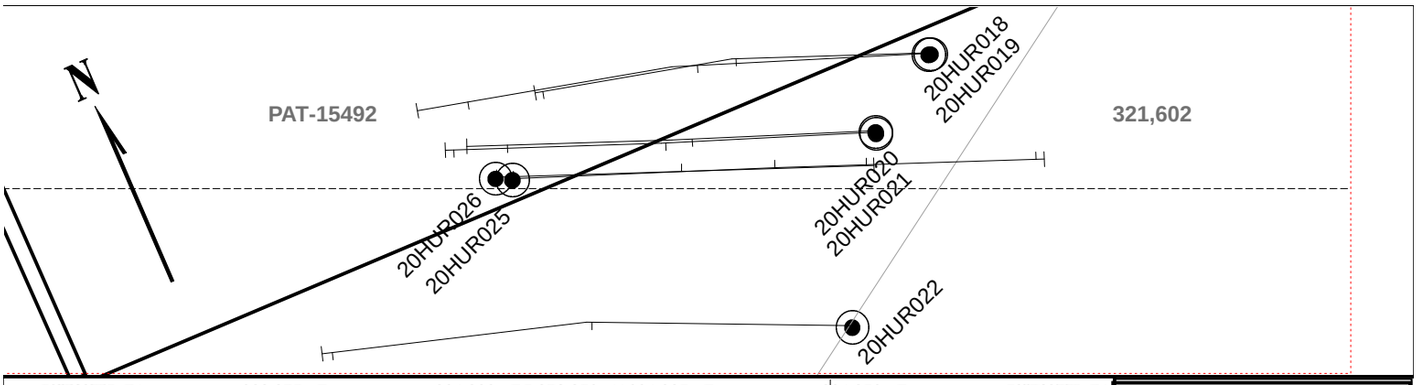
Fladgate Exploration consulting corporation

KESSELRUN

Fladgate Exploration

Date: 2020-11-24	Huronian Summer 2020 Drilling Kesslerun Resources 20HUR017
Author: A. Hughes	
Office:	
Drawing:	
Scale: 1:1000	Projection: (NAD 83) Zone 15

0 10 20 40
metres



663,975mE 664,000mE 5,378,350mN 664,025mE 664,050mE

500mRL
475mRL
450mRL
425mRL
400mRL
375mRL
350mRL
325mRL
300mRL
275mRL

PAT-15492

321,602

20HUR022

20HUR018
20HUR019

EOH: 102m
Azimuth: 292.5
Dip: -45

EOH: 111m
Azimuth: 288.8
Dip: -51

EOH: 102m
Azimuth: 290.1
Dip: -58

HoleID

Lithology

Au (g/t)

EOH

mm given at scale of 1:1000

12345 Claim number and outline

Legends

Assay Au (g/t)

- 0 - 0.0025
- 0.0025 - 0.1
- 0.1 - 0.5
- 0.5 - 1
- 1 - 5
- 5 - 10
- 10 - 50
- 50 - 115

Lithology

- Missing
- Mafics (unsubdivided)
- Intermediate volcanics
- Syenite
- Feldspar porphyry
- Quartz-feldspar porphyry
- Late dyke (Unsubdivided)
- Lamprophyre dyke
- Felsic dyke
- Late mafic dyke
- Iron formation
- Magnetite
- Banded magnetite
- Quartz vein

Fladgate Exploration consulting corporation

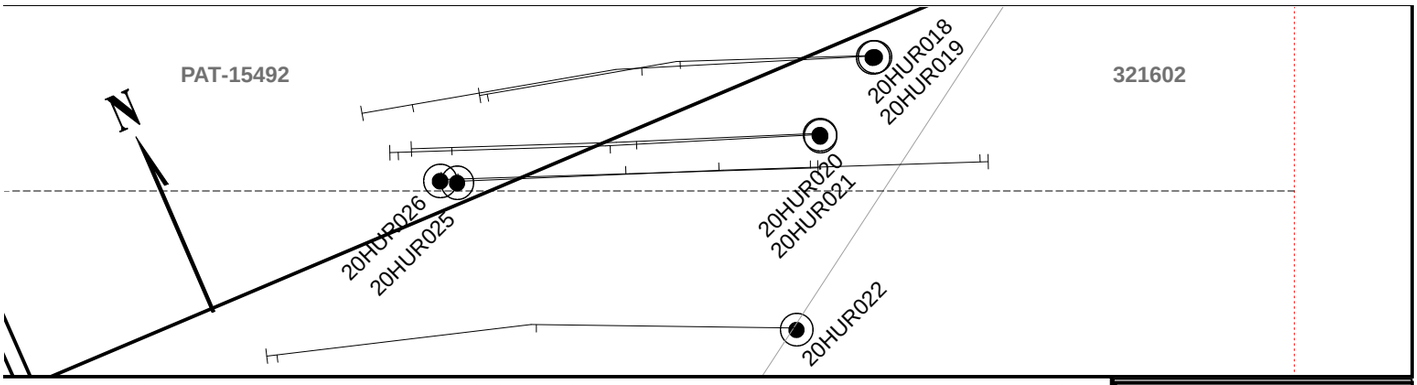
KESSELRUN

Fladgate Exploration

Huronian Summer 2020 Drilling
Kesselrun Resources
20HUR018
20HUR019
20HUR022

Date: 2020-11-24
Author: A.Hughes
Office:
Drawing:
Scale: 1:1000
Projection: (NAD 83) Zone 15

0 10 20 40
metres



663,975mE 664,000mE 5,378,350mN 664,025mE 664,050mE

475mRL 450mRL 425mRL 400mRL 375mRL 350mRL 325mRL 300mRL 275mRL

PAT-15492

321602

20HUR020
20HUR021

EOH: 102m
Azimuth: 288.8
Dip: -55

EOH: 111m
Azimuth: 289.2
Dip: -60

HoleID

Lithology

Au (g/t)

EOH

mm given at scale of 1:1000

12345 Claim number and outline

Legends

Assay Au (g/t)

- 0 - 0.0025
- 0.0025 - 0.1
- 0.1 - 0.5
- 0.5 - 1
- 1 - 5
- 5 - 10
- 10 - 50
- 50 - 115

Lithology

- Missing
- Mafics (unsubdivided)
- Intermediate volcanics
- Syenite
- Feldspar porphyry
- Quartz-feldspar porphyry
- Late dyke (Unsubdivided)
- Lamprophyre dyke
- Felsic dyke
- Late mafic dyke
- Iron formation
- Magnetite
- Banded magnetite
- Quartz vein

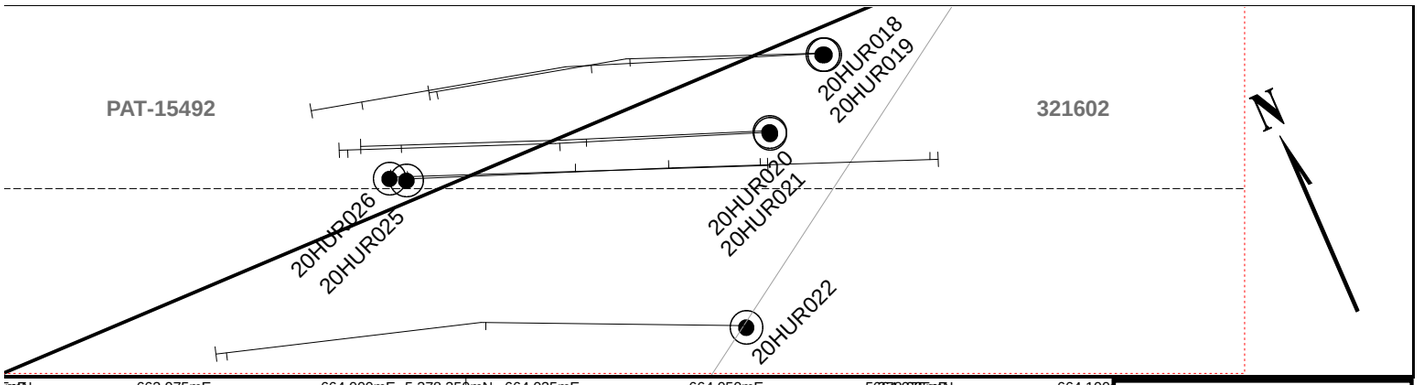
Fladgate Exploration consulting corporation

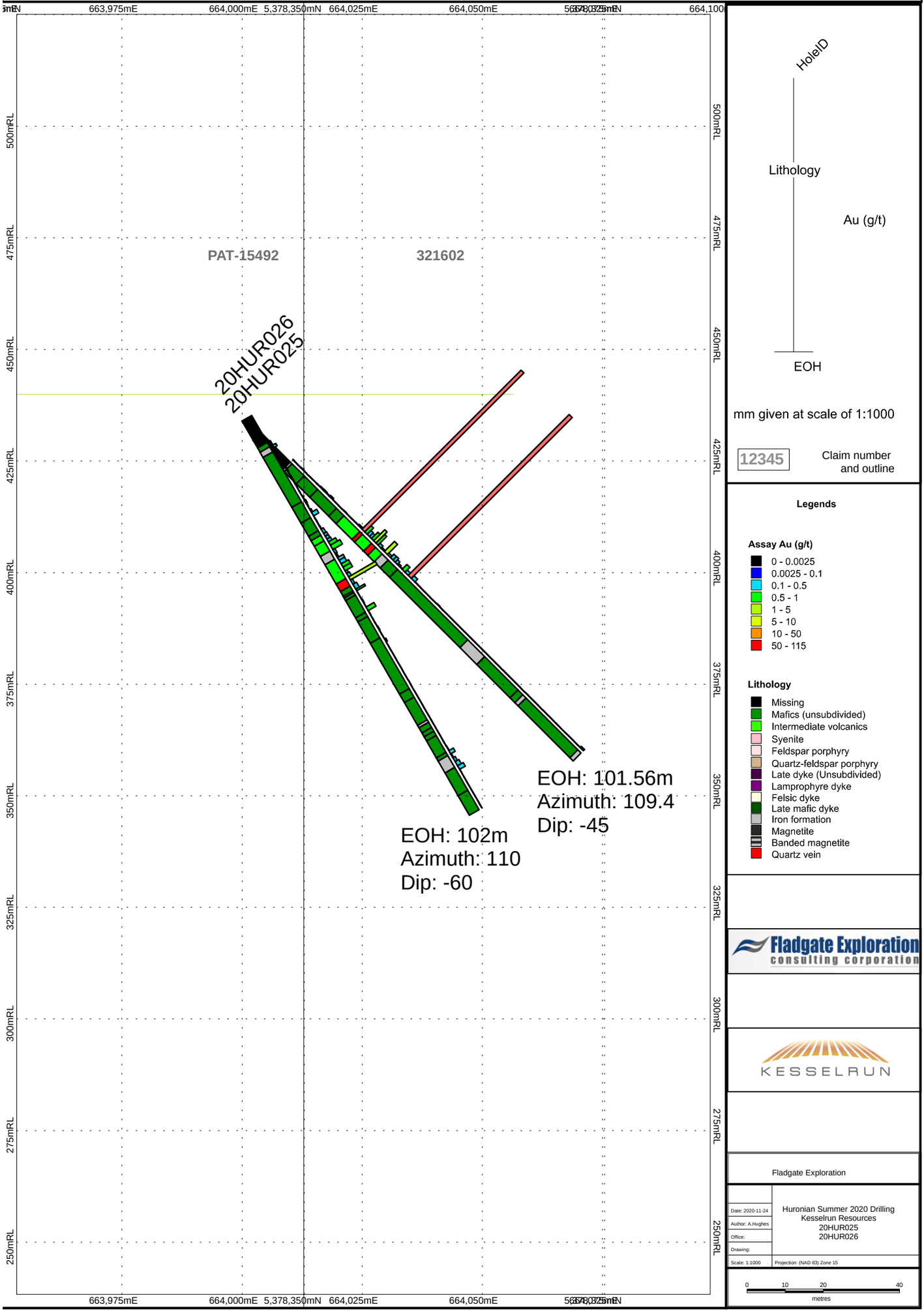
KESSELRUN

Fladgate Exploration

Date: 2020-11-24	Huronian Summer 2020 Drilling Kesselrun 20HUR020 20HUR021
Author: A.Hughes	
Office:	
Drawing:	
Scale: 1:1000	Projection: (NAD 83) Zone 15

0 10 20 40
metres





HoleID

Lithology

Au (g/t)

EOH

mm given at scale of 1:1000

12345 Claim number and outline

Legends

Assay Au (g/t)

- 0 - 0.0025
- 0.0025 - 0.1
- 0.1 - 0.5
- 0.5 - 1
- 1 - 5
- 5 - 10
- 10 - 50
- 50 - 115

Lithology

- Missing
- Mafics (unsubdivided)
- Intermediate volcanics
- Syenite
- Feldspar porphyry
- Quartz-feldspar porphyry
- Late dyke (Unsubdivided)
- Lamprophyre dyke
- Felsic dyke
- Late mafic dyke
- Iron formation
- Magnetite
- Banded magnetite
- Quartz vein

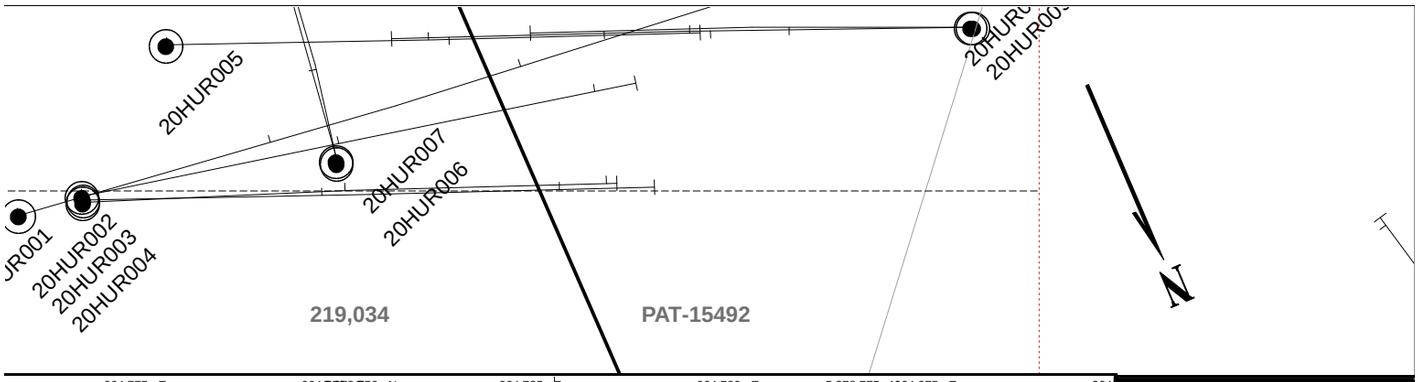
Fladgate Exploration consulting corporation

KESSELRUN

Fladgate Exploration

Date: 2020-11-24	Huronian Summer 2020 Drilling Kesselrun Resources 20HUR025 20HUR026
Author: A.Hughes	
Office:	
Drawing:	
Scale: 1:1000	Projection: (NAD 83) Zone 15

0 10 20 40
metres



664,775mE 664,750mE 664,725mE 664,700mE 664,675mE

5,378,750mN 5,378,775mN

550mRL 525mRL 500mRL 475mRL 450mRL 425mRL 400mRL 375mRL 350mRL 325mRL

219,034

PAT-15492

20HUR004
20HUR005

EOH: 102m
Azimuth: 290.4
Dip: -45

EOH: 108m
Azimuth: 279.9
Dip: -45

HoleID

Lithology

Au (g/t)

EOH

mm given at scale of 1:1000

12345 Claim number and outline

Legends

Assay Au (g/t)

- 0 - 0.0025
- 0.0025 - 0.1
- 0.1 - 0.5
- 0.5 - 1
- 1 - 5
- 5 - 10
- 10 - 50
- 50 - 115

Lithology

- Missing
- Mafics (unsubdivided)
- Intermediate volcanics
- Syenite
- Feldspar porphyry
- Quartz-feldspar porphyry
- Late dyke (Unsubdivided)
- Lamprophyre dyke
- Felsic dyke
- Late mafic dyke
- Iron formation
- Magnetite
- Banded magnetite
- Quartz vein

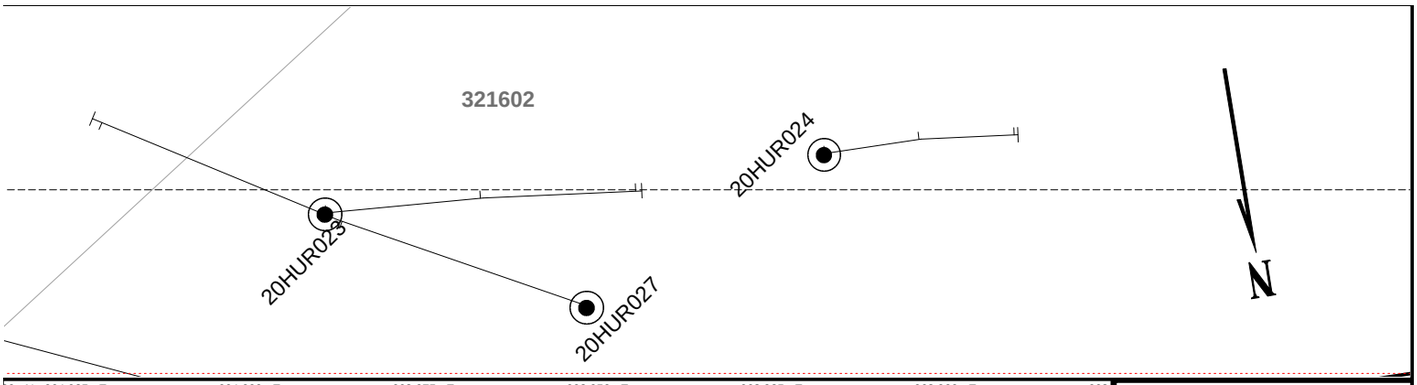
Fladgate Exploration consulting corporation

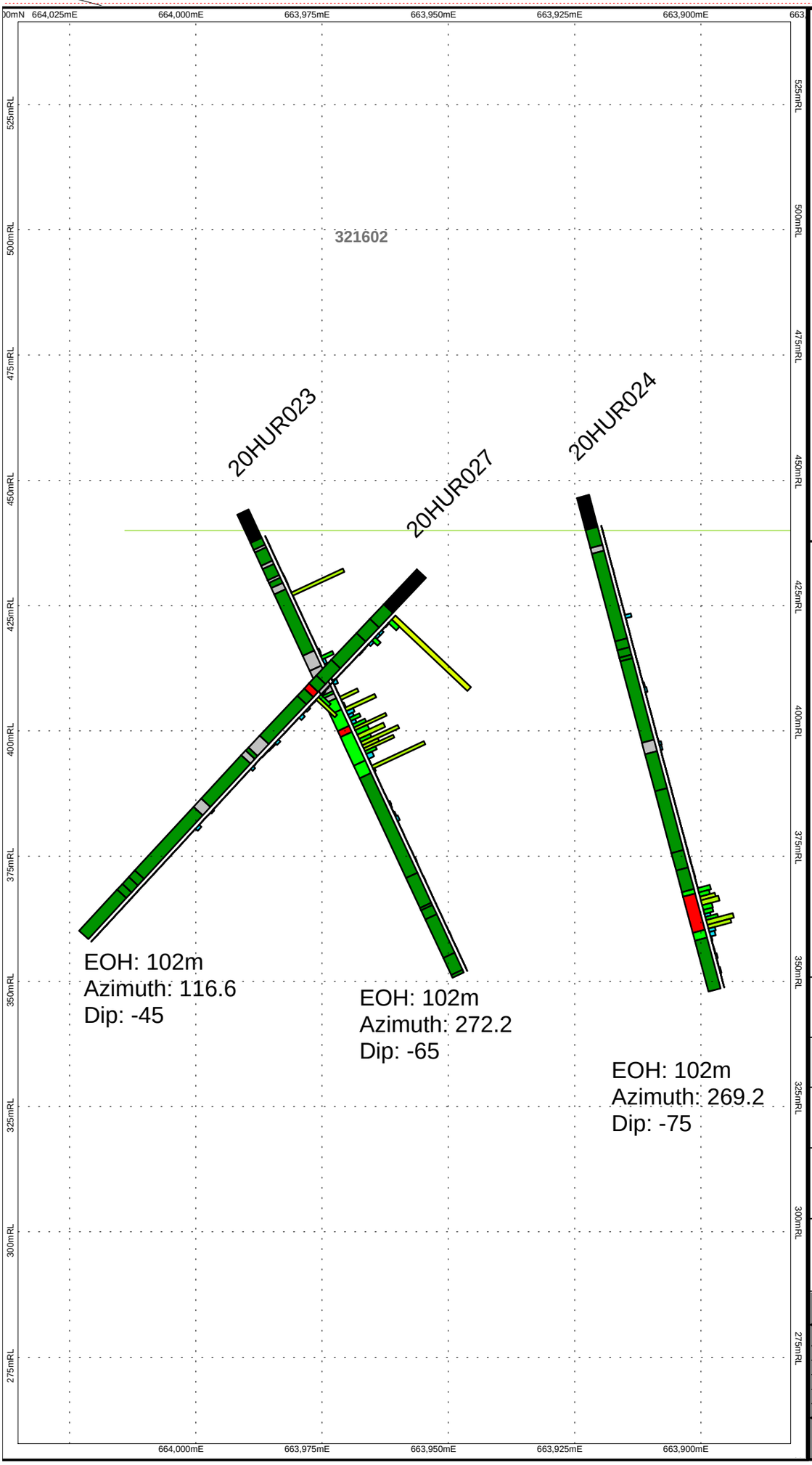
KESSELRUN

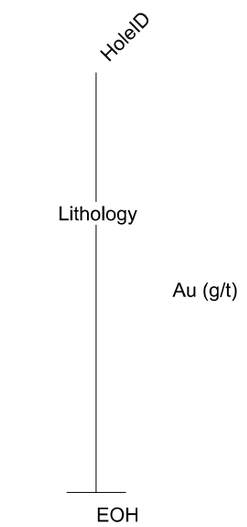
Fladgate Exploration

Date: 2020-11-24	Huronian Summer 2020 Drilling Kesselrun Resources 20HUR004 20HUR005
Author: A.Hughes	
Office:	
Drawing:	
Scale: 1:1000	Projection: (NAD) 83 Zone 15

0 10 20 40
metres







mm given at scale of 1:1000

12345 Claim number and outline

Legends

Assay Au (g/t)

- 0 - 0.0025
- 0.0025 - 0.1
- 0.1 - 0.5
- 0.5 - 1
- 1 - 5
- 5 - 10
- 10 - 50
- 50 - 115

Lithology

- Missing
- Mafics (unsubdivided)
- Intermediate volcanics
- Syenite
- Feldspar porphyry
- Quartz-feldspar porphyry
- Late dyke (Unsubdivided)
- Lamprophyre dyke
- Felsic dyke
- Late mafic dyke
- Iron formation
- Magnetite
- Banded magnetite
- Quartz vein

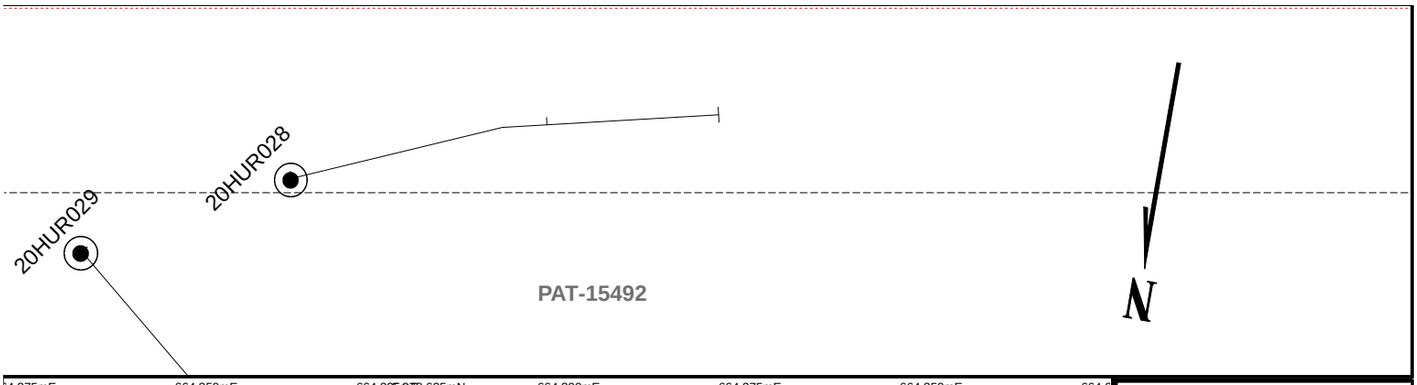
Fladgate Exploration consulting corporation

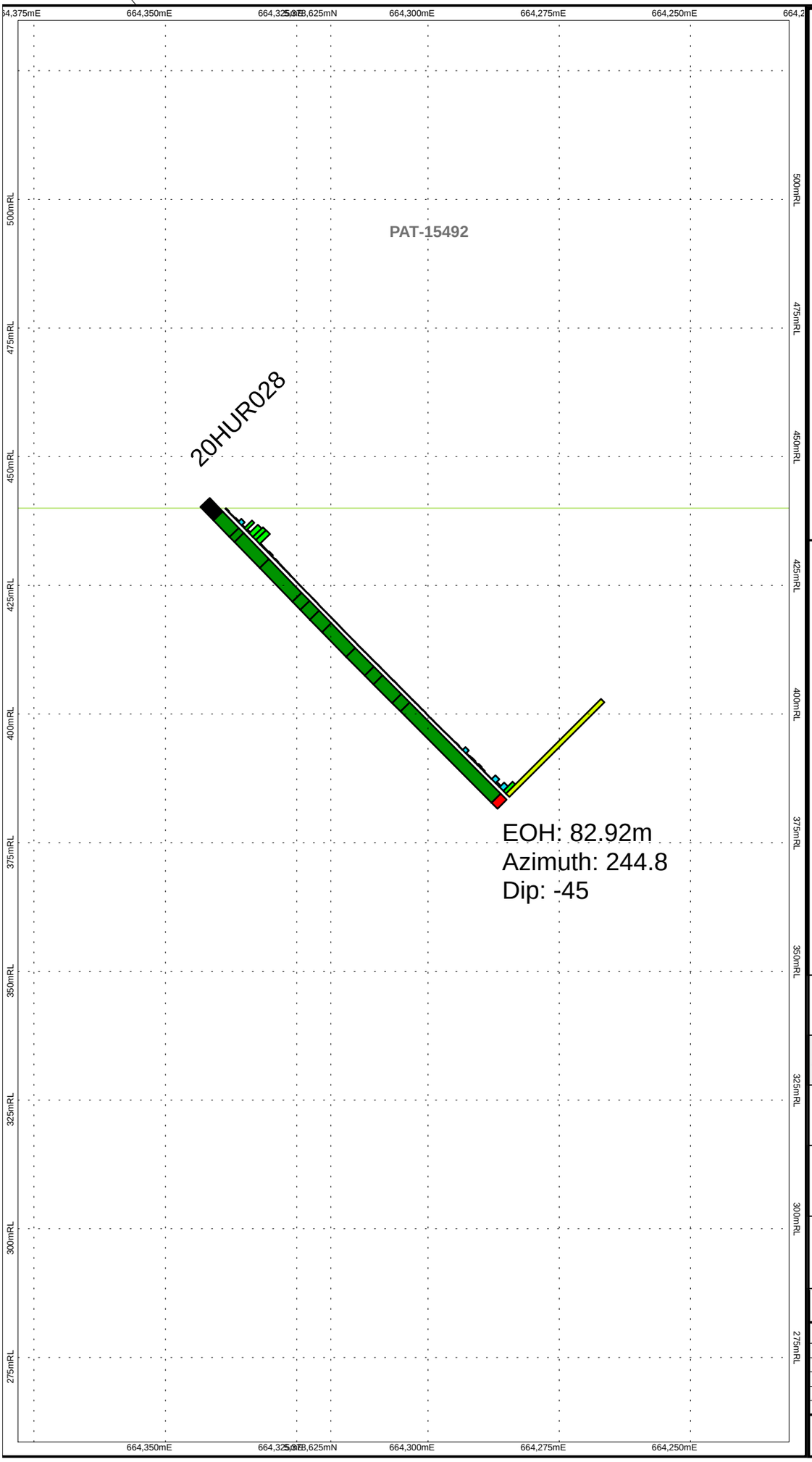
KESSELRUN

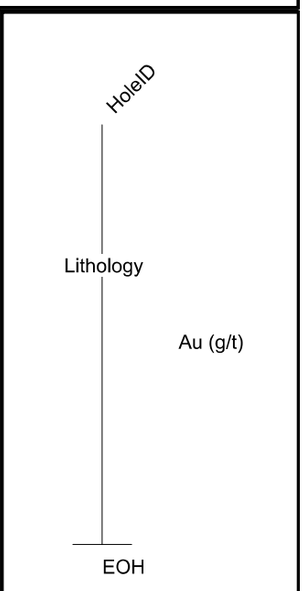
Fladgate Exploration

Date: 2020-11-24	Huronian Summer 2020 Drilling Kesselrun Resources 20HUR023 20HUR024 20HUR027
Author: A. Hughes	
Office:	
Drawing:	
Scale: 1:1000	Projection: (NAD 83) Zone 15

0 10 20 40
metres







mm given at scale of 1:1000

12345 Claim number and outline

Legends

Assay Au (g/t)

- 0 - 0.0025
- 0.0025 - 0.1
- 0.1 - 0.5
- 0.5 - 1
- 1 - 5
- 5 - 10
- 10 - 50
- 50 - 115

Lithology

- Missing
- Mafics (unsubdivided)
- Intermediate volcanics
- Syenite
- Feldspar porphyry
- Quartz-feldspar porphyry
- Late dyke (Unsubdivided)
- Lamprophyre dyke
- Felsic dyke
- Late mafic dyke
- Iron formation
- Magnetite
- Banded magnetite
- Quartz vein

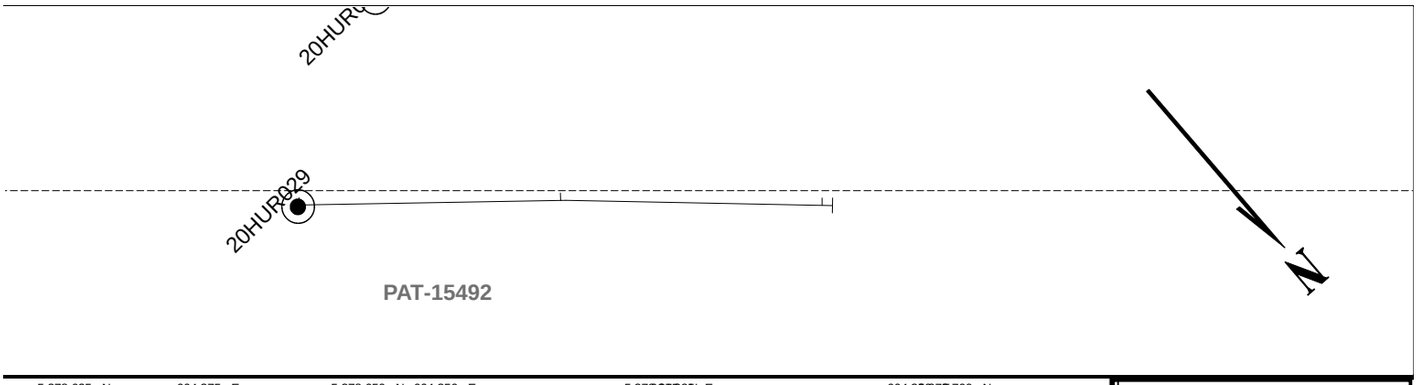
Fladgate Exploration consulting corporation

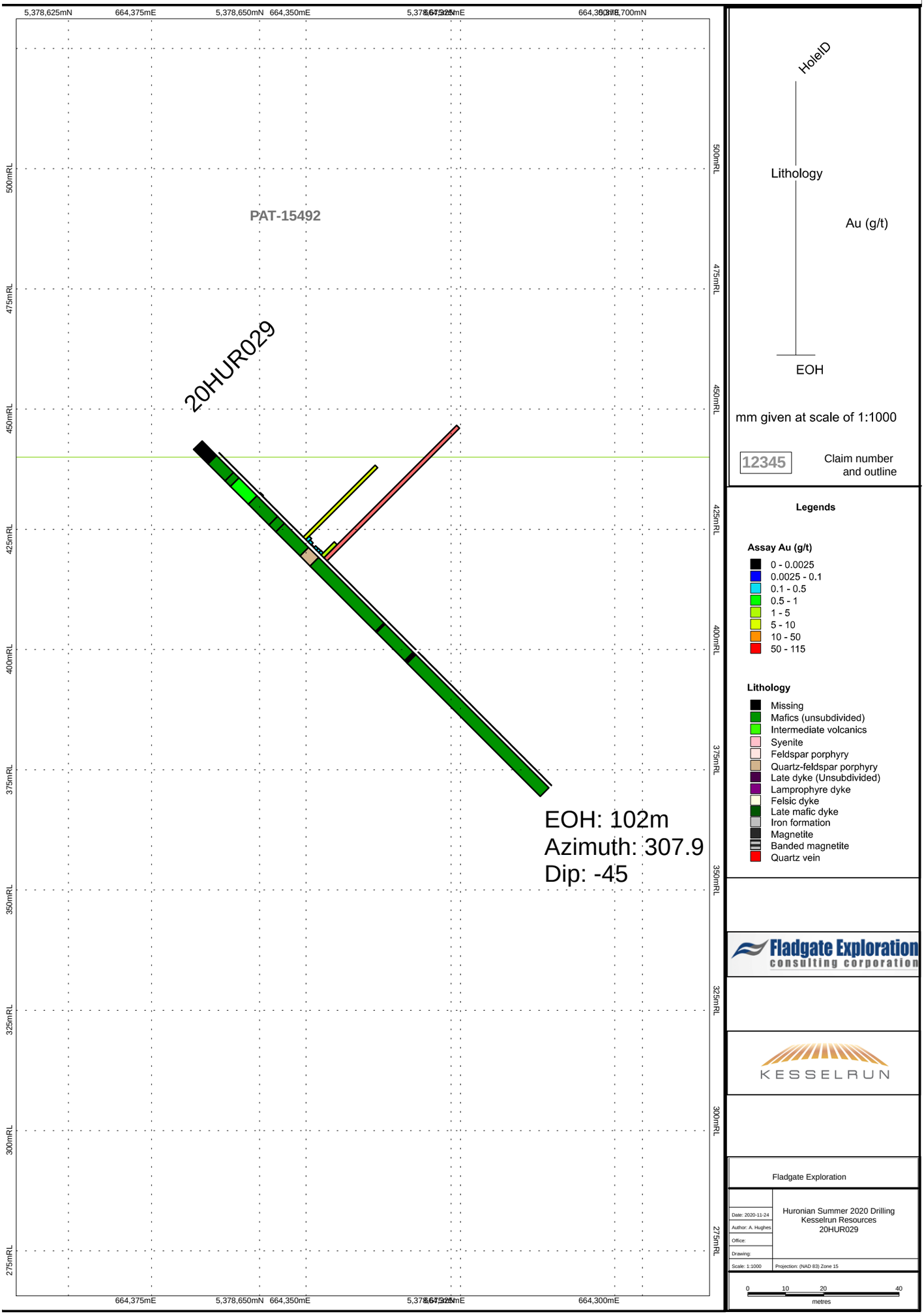
KESSELRUN

Fladgate Exploration

Date: 2020-11-24	Huronian Summer 2020 Drilling Kesselrun Resources 20HUR028
Author: A. Hughes	
Office:	
Drawing:	
Scale: 1:1000	Projection: (NAD 83) Zone 15

0 10 20 40
metres





mm given at scale of 1:1000

12345 Claim number and outline

Legends

Assay Au (g/t)

- 0 - 0.0025
- 0.0025 - 0.1
- 0.1 - 0.5
- 0.5 - 1
- 1 - 5
- 5 - 10
- 10 - 50
- 50 - 115

Lithology

- Missing
- Mafics (unsubdivided)
- Intermediate volcanics
- Syenite
- Feldspar porphyry
- Quartz-feldspar porphyry
- Late dyke (Unsubdivided)
- Lamprophyre dyke
- Felsic dyke
- Late mafic dyke
- Iron formation
- Magnetite
- Banded magnetite
- Quartz vein

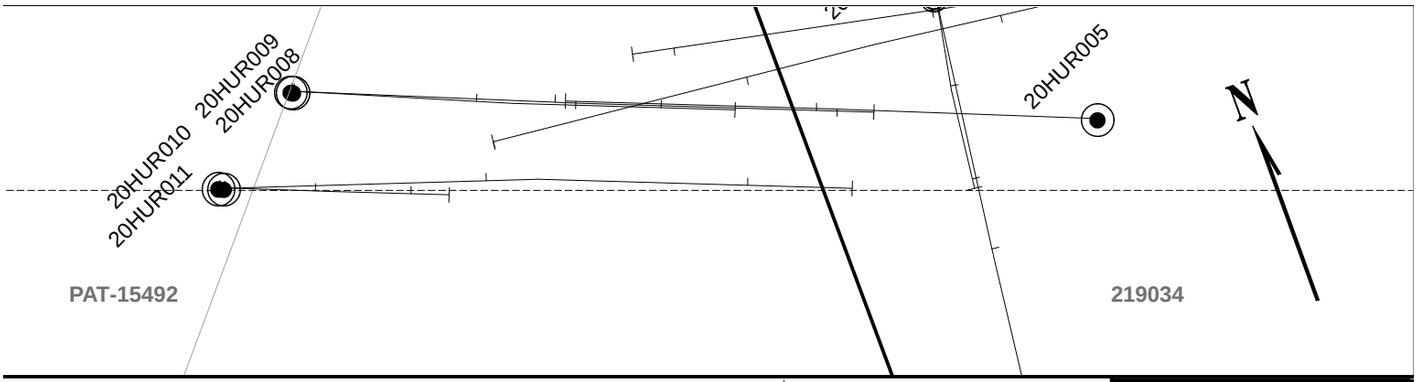
Fladgate Exploration consulting corporation

KESSELRUN

Fladgate Exploration

Date: 2020-11-24	Huronian Summer 2020 Drilling Kesselrun Resources 20HUR029
Author: A. Hughes	
Office:	
Drawing:	
Scale: 1:1000	Projection: (NAD 83) Zone 15

0 10 20 40
metres



664,625mE 664,650mE 664,675mE 664,700mE 664,725mE 664,750mE 664,77

550mRL 525mRL 500mRL 475mRL 450mRL 425mRL 400mRL 375mRL 350mRL 325mRL 300mRL 275mRL

PAT-15492

219034

20HUR009

20HUR008

EOH: 111m
Azimuth: 110.7
Dip: -45

EOH: 120m
Azimuth: 111.5
Dip: -60

HoleID

Lithology

Au (g/t)

EOH

mm given at scale of 1:1000

12345 Claim number and outline

Legends

Assay Au (g/t)

- 0 - 0.0025
- 0.0025 - 0.1
- 0.1 - 0.5
- 0.5 - 1
- 1 - 5
- 5 - 10
- 10 - 50
- 50 - 115

Lithology

- Missing
- Mafics (unsubdivided)
- Intermediate volcanics
- Syenite
- Feldspar porphyry
- Quartz-feldspar porphyry
- Late dyke (Unsubdivided)
- Lamprophyre dyke
- Felsic dyke
- Late mafic dyke
- Iron formation
- Magnetite
- Banded magnetite
- Quartz vein

Fladgate Exploration consulting corporation

KESSELRUN

Fladgate Exploration

Huronian Summer 2020 Drilling
Kesselrun Resources
20HUR008
20HUR009

Date: 2020-11-24
Author: A.Hughes
Office:
Drawing:
Scale: 1:1000
Projection: (NAD 83) Zone 15

0 10 20 40
metres

Appendix IV – Assay Certificates

Report No.: **A20-09832**
Report Date: **18-Sep-20**
Date Submitted: **24-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

102 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-17 07:08:20
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-18 11:47:21

REPORT **A20-09832**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
586743	20	
586744	29	
586745	102	
586746	7	
586752	5	
586753	8	
586754	6	
586755	7	
586756	81	
586757	9	
586758	71	
586759	34	
586760	> 5000	5.62
586761	17	
586762	26	
586763	44	
586764	176	
586765	113	
586766	37	
586767	24	
586768	24	
586769	39	
586770	21	
586771	16	
586772	24	
586773	8	
586774	9	
586775	9	
586776	5	
586777	10	
586778	< 5	
586779	10	
586780	> 5000	13.3
586781	6	
586782	6	
586783	5	
586784	9	
586785	6	
586786	7	
586787	10	
586788	10	
586789	11	
586790	92	
586791	109	
586792	29	
586793	16	
586794	10	
586795	11	
586796	5	
586797	7	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
586798	7	
586799	8	
586800	< 5	
586801	5	
586802	< 5	
586803	6	
586804	< 5	
586805	< 5	
586806	9	
586807	< 5	
586808	11	
586809	9	
586810	10	
586811	7	
586812	6	
586838	7	
586839	7	
586840	> 5000	5.67
586841	8	
586842	8	
586843	5	
586844	< 5	
586845	9	
586846	7	
586847	6	
586848	10	
586849	8	
586850	9	
586851	10	
586852	9	
586853	14	
586854	5	
586855	6	
586856	7	
586857	13	
586858	22	
586859	11	
586860	> 5000	13.0
586861	95	
586862	11	
586863	35	
586864	27	
586865	15	
586866	14	
586867	9	
586868	84	
586869	250	
586870	228	
586871	12	
586872	28	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
586873	19	
586874	17	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		12.0
OREAS 229b (Fire Assay) Cert		11.9
OREAS 238 (Fire Assay) Meas	3180	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3170	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3170	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 257b (Fire Assay) Meas		13.7
OREAS 257b (Fire Assay) Cert		14.2
Oreas E1336 (Fire Assay) Meas	528	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	518	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	515	
Oreas E1336 (Fire Assay) Cert	510	
586756 Orig	74	
586756 Dup	87	
586766 Orig	31	
586766 Dup	42	
586770 Orig	20	
586770 Dup	21	
586791 Orig	101	
586791 Dup	116	
586797 Orig	7	
586797 Split PREP DUP	7	
586800 Orig	< 5	
586800 Dup	< 5	
586804 Orig	< 5	
586804 Dup	< 5	
586850 Orig	9	
586850 Dup	8	
586861 Orig	96	
586861 Dup	94	
586864 Orig	25	
586864 Dup	28	
586872 Orig	28	
586872 Split	30	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
PREP DUP		
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.02

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10178**
Report Date: **24-Sep-20**
Date Submitted: **28-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

60 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-22 19:52:00

REPORT **A20-10178**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
587244	5
587245	5
587246	< 5
587247	5
587248	< 5
587262	13
587263	16
587264	10
587265	10
587266	6
587267	5
587268	8
587269	56
587270	24
587278	5
587279	< 5
587280	980
587281	7
587282	12
587283	5
587284	5
587285	< 5
587286	6
587287	14
587288	21
587289	26
587290	91
587291	158
587292	136
587293	202
587294	161
587295	176
587296	17
587305	23
587306	25
587307	27
587308	6
587309	5
587310	6
587311	< 5
587312	< 5
587313	< 5
587326	30
587327	< 5
587328	8
587329	< 5
587330	< 5
587331	< 5
587332	14
587333	8
587334	22

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
587345	6
587346	< 5
587347	44
587348	11
587349	< 5
587350	< 5
587351	< 5
587352	< 5
587353	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 238 (Fire Assay) Meas	3060
OREAS 238 (Fire Assay) Cert	3030
OREAS 238 (Fire Assay) Meas	3170
OREAS 238 (Fire Assay) Cert	3030
Oreas E1336 (Fire Assay) Meas	512
Oreas E1336 (Fire Assay) Cert	510
Oreas E1336 (Fire Assay) Meas	530
Oreas E1336 (Fire Assay) Cert	510
Oreas E1336 (Fire Assay) Meas	509
Oreas E1336 (Fire Assay) Cert	510
587265 Orig	10
587265 Dup	9
587282 Orig	12
587282 Dup	11
587291 Orig	152
587291 Dup	164
587327 Orig	< 5
587327 Dup	< 5
587333 Orig	8
587333 Split PREP DUP	9
587346 Orig	< 5
587346 Dup	5
587350 Orig	< 5
587350 Dup	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10179**
Report Date: **24-Sep-20**
Date Submitted: **28-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

66 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-22 20:19:03
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-24 13:06:25

REPORT **A20-10179**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
587354	< 5	
587355	< 5	
587356	9	
587357	13	
587358	23	
587359	33	
587360	1090	
587361	8	
587362	13	
587371	8	
587372	7	
587373	12	
587374	14	
587375	14	
587376	13	
587377	8	
587394	14	
587395	< 5	
587396	10	
587397	6	
587398	11	
587399	< 5	
587400	> 5000	13.2
587401	< 5	
587402	< 5	
587410	10	
587411	44	
587412	< 5	
587413	22	
587414	21	
587415	10	
587416	8	
587417	6	
587418	117	
587419	65	
587420	< 5	
587421	30	
587422	12	
587423	54	
587424	5	
587425	6	
587426	7	
587427	96	
587428	18	
587429	24	
587430	6	
587431	11	
587432	17	
587433	14	
587434	6	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
587435	< 5	
587436	5	
587437	9	
587438	< 5	
587439	< 5	
587440	1040	
587441	6	
587442	5	
587443	< 5	
587444	16	
587445	44	
587446	98	
587447	7	
587448	< 5	
587449	< 5	
587450	< 5	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		11.8
OREAS 229b (Fire Assay) Cert		11.9
OREAS 238 (Fire Assay) Meas	2910	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3180	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 257b (Fire Assay) Meas		14.2
OREAS 257b (Fire Assay) Cert		14.2
Oreas E1336 (Fire Assay) Meas	529	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	505	
Oreas E1336 (Fire Assay) Cert	510	
587362 Orig	12	
587362 Dup	13	
587396 Orig	11	
587396 Dup	8	
587399 Orig	< 5	
587399 Dup	< 5	
587428 Orig	18	
587428 Dup	17	
587434 Orig	6	
587434 Split PREP DUP	7	
587437 Orig	9	
587437 Dup	8	
587441 Orig	6	
587441 Dup	5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.02

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10195**
Report Date: **29-Sep-20**
Date Submitted: **28-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

44 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-21 13:07:12
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-22 22:23:35
1A4-1000 (100mesh)-Tbay	QOP AA-Au (Au-Fire Assay-Metallic Screen-1000g)	2020-09-28 14:31:32

REPORT **A20-10195**

Notes:

A representative 1000 gram split is seived at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
587363	12								
587364	1000								
587365	27								
587366	12								
587367	9								
587368	6								
587369	6								
587370	7								
587378	23								
587379	1640								
587380	> 5000	6.21							
587381	2480								
587382	165								
587383	1590								
587384	> 5000		856	35.7	31.5	40.7	8.590	979.31	987.90
587385	709								
587386	24								
587387	13								
587388	< 5								
587389	5								
587390	5								
587391	10								
587392	18								
587393	12								
587403	6								
587404	34								
587405	137								
587406	10								
587407	11								
587408	23								
587409	10								
587451	6								
587452	6								
587453	6								
587454	9								
587455	5								
587456	11								
587457	7								
587458	9								
587459	9								
587460	> 5000	6.49							
587461	9								
587462	6								
587463	6								

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g
Lower Limit	5	0.02	0.03	
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		12.3	11.8	
OREAS 229b (Fire Assay) Cert		11.9	11.9	
OREAS 238 (Fire Assay) Meas	3140			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 238 (Fire Assay) Meas	3030			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 257b (Fire Assay) Meas		14.7	13.5	
OREAS 257b (Fire Assay) Cert		14.2	14.2	
Oreas E1336 (Fire Assay) Meas	518			
Oreas E1336 (Fire Assay) Cert	510			
Oreas E1336 (Fire Assay) Meas	502			
Oreas E1336 (Fire Assay) Cert	510			
587378 Orig	23			
587378 Dup	23			
587405 Orig	135			
587405 Dup	138			
587463 Orig	6			
587463 Dup	6			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank		< 0.02		
Method Blank		< 0.02		
Method Blank			< 0.03	

Report No.: **A20-10196**
Report Date: **24-Sep-20**
Date Submitted: **28-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

57 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-22 20:19:03
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-24 13:06:25

REPORT **A20-10196**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
287237	8	
287238	6	
287239	< 5	
287240	> 5000	13.3
287241	7	
287242	< 5	
287243	6	
587249	5	
587250	< 5	
587251	5	
587252	< 5	
587253	31	
587254	5	
587255	7	
587256	7	
587257	6	
587258	8	
587259	8	
587260	< 5	
587261	26	
587271	6	
587272	6	
587273	11	
587274	5	
587275	5	
587276	7	
587277	20	
587297	44	
587298	26	
587299	22	
587300	> 5000	5.57
587301	58	
587302	71	
587303	224	
587304	6	
587314	< 5	
587315	8	
587316	156	
587317	8	
587318	36	
587319	23	
587320	> 5000	13.1
587321	26	
587322	8	
587323	14	
587324	10	
587325	16	
587335	15	
587336	11	
587337	10	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
587338	10	
587339	41	
587340	< 5	
587341	32	
587342	20	
587343	9	
587344	9	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		11.8
OREAS 229b (Fire Assay) Cert		11.9
OREAS 238 (Fire Assay) Meas	3150	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3140	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 257b (Fire Assay) Meas		14.2
OREAS 257b (Fire Assay) Cert		14.2
Oreas E1336 (Fire Assay) Meas	518	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	520	
Oreas E1336 (Fire Assay) Cert	510	
587250 Orig	5	
587250 Dup	< 5	
587260 Orig	< 5	
587260 Dup	< 5	
587273 Orig	9	
587273 Dup	12	
587322 Orig	6	
587322 Dup	9	
587337 Orig	10	
587337 Split PREP DUP	9	
587340 Orig	< 5	
587340 Dup	< 5	
587344 Orig	10	
587344 Dup	8	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.02

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10247**
Report Date: **29-Sep-20**
Date Submitted: **31-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

24 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-21 13:07:12
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-22 22:23:35
1A4-1000 (100mesh)-Tbay	QOP AA-Au (Au-Fire Assay-Metallic Screen-1000g)	2020-09-28 14:31:32

REPORT **A20-10247**

Notes:

A representative 1000 gram split is seived at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
763448	6								
763449	< 5								
763450	65								
763451	2010								
763452	277								
763453	84								
763454	354								
763455	565								
763456	229								
763457	634								
763458	592								
763459	509								
763460	> 5000	6.48							
763461	772								
763462	478								
763463	294								
763464	4120		11.9	5.26	5.21	5.29	8.690	985.30	993.99
763465	276								
763466	509								
763467	212								
763468	430								
763469	629								
763470	22								
763471	< 5								

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g
Lower Limit	5	0.02	0.03	
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		12.3	11.8	
OREAS 229b (Fire Assay) Cert		11.9	11.9	
OREAS 257b (Fire Assay) Meas		14.7	13.5	
OREAS 257b (Fire Assay) Cert		14.2	14.2	
Oreas E1336 (Fire Assay) Meas	507			
Oreas E1336 (Fire Assay) Cert	510			
763456 Orig	228			
763456 Dup	229			
763466 Orig	502			
763466 Dup	516			
763470 Orig	21			
763470 Dup	22			
Method Blank	< 5			
Method Blank	< 5			
Method Blank		< 0.02		
Method Blank		< 0.02		
Method Blank			< 0.03	

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10248**
Report Date: **24-Sep-20**
Date Submitted: **31-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

76 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-23 08:26:48
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-24 13:08:45

REPORT **A20-10248**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
763415	< 5	
763416	< 5	
763417	< 5	
763418	< 5	
763419	6	
763420	< 5	
763421	< 5	
763422	< 5	
763423	< 5	
763424	< 5	
763425	< 5	
763426	< 5	
763427	5	
763428	< 5	
763429	< 5	
763430	< 5	
763431	< 5	
763432	< 5	
763433	5	
763434	< 5	
763435	< 5	
763436	< 5	
763437	< 5	
763438	5	
763439	< 5	
763440	1030	
763441	< 5	
763442	< 5	
763443	< 5	
763444	< 5	
763445	< 5	
763446	< 5	
763447	5	
763472	9	
763473	27	
763474	5	
763475	6	
763476	9	
763477	12	
763478	42	
763479	< 5	
763480	> 5000	13.6
763481	8	
763482	< 5	
763483	< 5	
763484	< 5	
763485	5	
763486	< 5	
763487	121	
763488	10	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
763489	< 5	
763490	< 5	
763491	< 5	
763492	< 5	
763493	< 5	
763494	< 5	
763495	< 5	
763496	6	
763497	< 5	
763498	< 5	
763499	< 5	
763500	< 5	
797001	10	
797002	< 5	
797003	< 5	
797004	< 5	
797005	19	
797006	8	
797007	< 5	
797008	5	
797009	5	
797010	6	
797011	8	
797012	7	
797013	6	
797014	6	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		12.0
OREAS 229b (Fire Assay) Cert		11.9
OREAS 238 (Fire Assay) Meas	3060	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3100	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3140	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 257b (Fire Assay) Meas		14.6
OREAS 257b (Fire Assay) Cert		14.2
Oreas E1336 (Fire Assay) Meas	512	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	524	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	516	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	524	
Oreas E1336 (Fire Assay) Cert	510	
763423 Orig	< 5	
763423 Dup	< 5	
763433 Orig	5	
763433 Dup	5	
763437 Orig	< 5	
763437 Dup	< 5	
763482 Orig	7	
763482 Dup	< 5	
763488 Orig	10	
763488 Split PREP DUP	10	
763491 Orig	< 5	
763491 Dup	< 5	
763495 Orig	< 5	
763495 Dup	< 5	
797010 Orig	6	
797010 Dup	6	
Method Blank	< 5	
Method Blank	< 5	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.02
Method Blank		< 0.02

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10249**
Report Date: **24-Sep-20**
Date Submitted: **31-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

33 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-23 08:26:48
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-24 13:08:45

REPORT **A20-10249**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
797044	< 5	
797045	< 5	
797046	4990	
797047	484	
797048	90	
797049	373	
797050	612	
797051	203	
797052	157	
797053	191	
797054	908	
797055	644	
797056	2400	
797057	295	
797058	1410	
797059	1460	
797060	> 5000	13.3
797061	4780	
797062	350	
797063	69	
797064	55	
797065	44	
797066	89	
797067	215	
797068	331	
797069	1730	
797070	28	
797071	24	
797093	< 5	
797094	< 5	
797095	7	
797096	< 5	
797097	5	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		12.0
OREAS 229b (Fire Assay) Cert		11.9
OREAS 238 (Fire Assay) Meas	3160	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 257b (Fire Assay) Meas		14.6
OREAS 257b (Fire Assay) Cert		14.2
Oreas E1336 (Fire Assay) Meas	529	
Oreas E1336 (Fire Assay) Cert	510	
797052 Orig	155	
797052 Dup	159	
797062 Orig	359	
797062 Dup	341	
797066 Orig	83	
797066 Dup	94	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.02
Method Blank		< 0.02

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10344**
Report Date: **24-Sep-20**
Date Submitted: **01-Sep-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

15 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-24 09:00:11

REPORT **A20-10344**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
764291	911
764292	1720
764293	43
764294	34
764295	24
764296	125
764297	34
764298	230
764299	< 5
764308	76
764309	39
764310	38
764311	< 5
764312	< 5
764313	8

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 238 (Fire Assay) Meas	3050
OREAS 238 (Fire Assay) Cert	3030
Oreas E1336 (Fire Assay) Meas	509
Oreas E1336 (Fire Assay) Cert	510
764299 Orig	< 5
764299 Dup	< 5
764313 Orig	7
764313 Dup	9
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10348**
Report Date: **29-Sep-20**
Date Submitted: **01-Sep-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

27 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-21 13:07:12
1A4-1000 (100mesh)-Tbay	QOP AA-Au (Au-Fire Assay-Metallic Screen-1000g)	2020-09-28 14:31:32

REPORT **A20-10348**

Notes:

A representative 1000 gram split is seived at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
797346	< 5							
797347	6							
797348	11							
797349	8							
797389	89							
797390	2190							
797391	485							
797392	335							
797393	717							
797394	306							
797395	897							
797396	2310							
797397	892							
797398	1910							
797399	791							
797400	< 5							
797401	2710							
797402	1150							
797403	2160							
797404	768							
797405	409							
797406	11							
797407	10							
797408	3830	1.67	2.57	2.91	2.73	7.170	925.25	932.42
797409	105							
797410	15							
797411	8							

Analyte Symbol	Au	Total Au	Total Weight
Unit Symbol	ppb	g/mt	g
Lower Limit	5	0.03	
Method Code	FA-AA	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.8	
OREAS 229b (Fire Assay) Cert		11.9	
OREAS 238 (Fire Assay) Meas	3030		
OREAS 238 (Fire Assay) Cert	3030		
OREAS 257b (Fire Assay) Meas		13.5	
OREAS 257b (Fire Assay) Cert		14.2	
Oreas E1336 (Fire Assay) Meas	497		
Oreas E1336 (Fire Assay) Cert	510		
797393 Orig	726		
797393 Dup	708		
797403 Orig	2190		
797403 Dup	2130		
797407 Orig	10		
797407 Dup	10		
Method Blank	< 5		
Method Blank	< 5		
Method Blank		< 0.03	

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10375**
Report Date: **28-Sep-20**
Date Submitted: **01-Sep-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-28 10:14:44

REPORT **A20-10375**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
797158	391
797159	1350
797160	< 5
797161	103
797162	245
797163	188
797164	2820
797165	602
797166	1260
797167	335
797168	601
797169	324
797170	3260
797171	1040
797172	1660
797173	942
797174	417
797175	713
797176	278
797177	685
797178	266
797179	640
797180	1050
797181	1000
797182	1110
797183	99
797184	6
797185	< 5
797213	5
797214	6
797215	5
797216	< 5
797217	8
797218	5
797219	5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 238 (Fire Assay) Meas	3170
OREAS 238 (Fire Assay) Cert	3030
797166 Orig	1300
797166 Dup	1210
797176 Orig	276
797176 Dup	279
797179 Orig	628
797179 Dup	651
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10376**
Report Date: **01-Oct-20**
Date Submitted: **01-Sep-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

83 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-29 15:21:13
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-10-01 14:36:00

REPORT **A20-10376**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
797119	< 5	
797120	> 5000	5.45
797121	< 5	
797122	< 5	
797123	< 5	
797124	< 5	
797125	< 5	
797126	< 5	
797127	7	
797128	< 5	
797129	< 5	
797130	< 5	
797131	< 5	
797132	< 5	
797133	5	
797134	< 5	
797135	< 5	
797136	< 5	
797137	< 5	
797138	< 5	
797139	< 5	
797140	> 5000	13.3
797141	< 5	
797142	10	
797143	7	
797144	< 5	
797145	< 5	
797146	< 5	
797147	< 5	
797148	< 5	
797149	< 5	
797150	< 5	
797151	< 5	
797152	76	
797153	3890	
797154	559	
797155	549	
797156	590	
797157	74	
797186	7	
797187	11	
797188	8	
797189	7	
797190	< 5	
797191	6	
797192	< 5	
797193	5	
797194	8	
797195	< 5	
797196	< 5	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
797197	< 5	
797198	7	
797199	< 5	
797200	> 5000	5.47
797201	< 5	
797202	7	
797203	< 5	
797204	< 5	
797205	< 5	
797206	< 5	
797207	< 5	
797208	< 5	
797209	< 5	
797210	< 5	
797211	< 5	
797212	< 5	
797220	> 5000	13.3
797221	7	
797222	7	
797223	< 5	
797224	< 5	
797225	8	
797226	8	
797227	8	
797228	17	
797229	19	
797230	14	
797231	14	
797232	16	
797233	15	
797234	24	
797235	8	
797236	6	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		11.6
OREAS 229b (Fire Assay) Cert		11.9
OREAS 238 (Fire Assay) Meas	3040	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3090	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3080	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 257b (Fire Assay) Meas		14.4
OREAS 257b (Fire Assay) Cert		14.2
Oreas E1336 (Fire Assay) Meas	505	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	514	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	520	
Oreas E1336 (Fire Assay) Cert	510	
797128 Orig	< 5	
797128 Dup	< 5	
797138 Orig	< 5	
797138 Dup	15	
797148 Orig	< 5	
797148 Dup	< 5	
797191 Orig	6	
797191 Dup	6	
797196 Orig	< 5	
797196 Split PREP DUP	< 5	
797199 Orig	< 5	
797199 Dup	5	
797210 Orig	< 5	
797210 Dup	< 5	
797232 Orig	16	
797232 Dup	15	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.02

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
Method Blank		< 0.02

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10402**
Report Date: **01-Oct-20**
Date Submitted: **01-Sep-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

88 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-29 19:43:04
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-10-01 14:36:00

REPORT **A20-10402**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
764069	61	
764070	10	
764071	26	
764072	71	
764073	281	
764074	58	
764075	706	
764076	92	
764077	787	
764078	911	
764079	927	
764080	986	
764081	63	
764082	60	
764083	104	
764084	23	
764085	69	
764086	46	
764087	39	
764088	34	
764089	39	
764090	7	
764091	9	
764092	< 5	
764093	12	
764094	< 5	
764095	25	
764096	15	
764097	25	
764098	20	
764099	< 5	
764100	> 5000	5.49
764101	< 5	
764102	14	
764103	5	
764104	13	
764105	16	
764106	5	
764107	< 5	
764108	5	
764109	< 5	
764110	10	
764111	17	
764112	< 5	
764113	< 5	
764114	< 5	
764115	19	
764116	6	
764117	6	
764118	7	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
764119	26	
764120	> 5000	13.6
764121	10	
764122	14	
764123	9	
764124	8	
764125	36	
764126	6	
764127	< 5	
764128	5	
764129	10	
764130	< 5	
764131	5	
764132	7	
764133	5	
764134	19	
764135	< 5	
764136	< 5	
764137	5	
764138	< 5	
764139	6	
764140	< 5	
764141	< 5	
764142	10	
764143	< 5	
764144	7	
764145	47	
764146	10	
764147	273	
764148	38	
764149	67	
764150	88	
764151	41	
764152	111	
764153	63	
764154	11	
764155	9	
764156	348	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		11.6
OREAS 229b (Fire Assay) Cert		11.9
OREAS 238 (Fire Assay) Meas	3150	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3180	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3170	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 257b (Fire Assay) Meas		14.4
OREAS 257b (Fire Assay) Cert		14.2
Oreas E1336 (Fire Assay) Meas	524	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	525	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	519	
Oreas E1336 (Fire Assay) Cert	510	
764078 Orig	911	
764088 Orig	31	
764088 Dup	36	
764098 Orig	19	
764098 Dup	20	
764113 Orig	< 5	
764113 Dup	< 5	
764118 Orig	7	
764118 Split PREP DUP	6	
764122 Orig	14	
764122 Dup	14	
764132 Orig	6	
764132 Dup	7	
764142 Orig	10	
764142 Dup	9	
764147 Orig	276	
764147 Dup	270	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
Method Blank		< 0.02
Method Blank		< 0.02

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10404**
Report Date: **01-Oct-20**
Date Submitted: **01-Sep-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

84 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-29 08:37:38
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-30 19:35:52

REPORT **A20-10404**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
797237	8	
797238	11	
797239	10	
797240	< 5	
797241	11	
797242	17	
797243	13	
797244	13	
797245	20	
797246	12	
797247	9	
797248	8	
797249	5	
797250	13	
797251	96	
797252	19	
797253	8	
797254	22	
797255	27	
797256	24	
797257	5	
797258	12	
797259	< 5	
797260	1020	
797261	6	
797262	6	
797263	6	
797264	7	
797265	6	
797266	6	
797267	5	
797268	5	
797269	11	
797270	20	
797271	10	
797272	15	
797273	8	
797274	6	
797300	> 5000	13.5
797301	24	
797302	14	
797303	12	
797304	9	
797305	5	
797306	< 5	
797307	8	
797308	< 5	
797309	< 5	
797310	5	
797311	< 5	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
797312	< 5	
797313	5	
797314	7	
797315	8	
797316	6	
797317	< 5	
797318	< 5	
797319	6	
797320	< 5	
797321	5	
797322	< 5	
797323	5	
797324	6	
797325	6	
797326	8	
797327	< 5	
797328	< 5	
797329	< 5	
797330	< 5	
797331	< 5	
797332	7	
797333	8	
797334	8	
797335	6	
797336	8	
797337	202	
797338	46	
797339	6	
797340	1040	
797341	7	
797342	7	
797343	42	
797344	17	
797345	114	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		11.7
OREAS 229b (Fire Assay) Cert		11.9
OREAS 238 (Fire Assay) Meas	3060	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3140	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3180	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 257b (Fire Assay) Meas		13.7
OREAS 257b (Fire Assay) Cert		14.2
Oreas E1336 (Fire Assay) Meas	529	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	515	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	519	
Oreas E1336 (Fire Assay) Cert	510	
797245 Orig	20	
797245 Dup	19	
797255 Orig	27	
797255 Dup	26	
797259 Orig	< 5	
797259 Dup	< 5	
797305 Orig	5	
797305 Dup	5	
797311 Orig	< 5	
797311 Split PREP DUP	< 5	
797314 Orig	7	
797314 Dup	7	
797318 Orig	< 5	
797318 Dup	< 5	
797339 Orig	6	
797339 Dup	6	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.02

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10441**
Report Date: **06-Oct-20**
Date Submitted: **02-Sep-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

21 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-30 12:39:46
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-10-02 15:33:29
1A4-1000 (100mesh)-Tbay	QOP AA-Au (Au-Fire Assay-Metallic Screen-1000g)	2020-10-06 12:17:46

REPORT **A20-10441**

Notes:

A representative 1000 gram split is seived at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
764388	16								
764389	43								
764390	10								
764391	13								
764392	18								
764393	31								
764394	108								
764395	> 5000	15.3	86.0	16.6	15.7	16.8	9.390	998.80	1008.2
764396	663								
764397	405								
764398	354								
764399	671								
764400	978								
764401	1170								
764402	920								
764403	211								
764404	92								
764405	1070								
764406	162								
764407	364								
764408	387								

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g
Lower Limit	5	0.02	0.03	
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		12.0	12.2	
OREAS 229b (Fire Assay) Cert		11.9	11.9	
OREAS 238 (Fire Assay) Meas	3090			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 257b (Fire Assay) Meas		14.0	14.7	
OREAS 257b (Fire Assay) Cert		14.2	14.2	
Oreas E1336 (Fire Assay) Meas	511			
Oreas E1336 (Fire Assay) Cert	510			
764395 Orig		15.8	16.8	1008.2
764395 Dup		14.7		
764396 Orig	655			
764396 Dup	670			
764406 Orig	163			
764406 Dup	161			
Method Blank	< 5			
Method Blank		< 0.02		
Method Blank			< 0.03	

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10448**
Report Date: **02-Oct-20**
Date Submitted: **02-Sep-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

88 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-29 08:37:38
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-30 19:35:52

REPORT **A20-10448**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/tonne	ppb
Lower Limit	0.02	5
Method Code	FA-GRA	FA-AA
764162		6
764163		8
764164		11
764165		5
764166		6
764167		< 5
764168		6
764169		7
764170		< 5
764171		5
764172		6
764173		< 5
764174		7
764175		74
764176		< 5
764177		< 5
764178		< 5
764179		< 5
764180	5.64	> 5000
764181		7
764182		< 5
764200	13.4	> 5000
764201		< 5
764202		< 5
764203		< 5
764204		< 5
764205		5
764206		< 5
764207		< 5
764208		< 5
764209		< 5
764210		5
764211		< 5
764212		< 5
764213		< 5
764214		7
764215		13
764216		6
764217		< 5
764218		6
764219		6
764220		< 5
764221		6
764222		< 5
764223		6
764224		6
764225		5
764226		5
764227		13
764228		8

Analyte Symbol	Au	Au
Unit Symbol	g/tonne	ppb
Lower Limit	0.02	5
Method Code	FA-GRA	FA-AA
764229		< 5
764230		< 5
764231		< 5
764232		< 5
764233		< 5
764234		< 5
764235		< 5
764236		10
764237		< 5
764238		5
764239		< 5
764240		1010
764241		< 5
764242		< 5
764243		< 5
764244		< 5
764245		< 5
764246		< 5
764247		< 5
764248		< 5
764249		< 5
764250		15
764251		< 5
764252		6
764253		8
764254		< 5
764255		7
764256		6
764257		5
764258		< 5
764259		< 5
764260	5.76	> 5000
764261		< 5
764262		6
764263		< 5
764264		< 5
764265		< 5
764266		< 5

Analyte Symbol	Au	Au
Unit Symbol	g/tonne	ppb
Lower Limit	0.02	5
Method Code	FA-GRA	FA-AA
OREAS 229b (Fire Assay) Meas	11.7	
OREAS 229b (Fire Assay) Cert	11.9	
OREAS 238 (Fire Assay) Meas		3070
OREAS 238 (Fire Assay) Cert		3030
OREAS 238 (Fire Assay) Meas		3100
OREAS 238 (Fire Assay) Cert		3030
OREAS 238 (Fire Assay) Meas		3050
OREAS 238 (Fire Assay) Cert		3030
OREAS 238 (Fire Assay) Meas		3050
OREAS 238 (Fire Assay) Cert		3030
OREAS 257b (Fire Assay) Meas	13.7	
OREAS 257b (Fire Assay) Cert	14.2	
Oreas E1336 (Fire Assay) Meas		510
Oreas E1336 (Fire Assay) Cert		510
Oreas E1336 (Fire Assay) Meas		518
Oreas E1336 (Fire Assay) Cert		510
Oreas E1336 (Fire Assay) Meas		526
Oreas E1336 (Fire Assay) Cert		510
Oreas E1336 (Fire Assay) Meas		512
Oreas E1336 (Fire Assay) Cert		510
764170 Orig		< 5
764170 Dup		< 5
764181 Orig		8
764181 Dup		6
764201 Orig		5
764201 Dup		< 5
764210 Orig		5
764210 Dup		5
764222 Orig		< 5
764222 Dup		< 5
764228 Orig		8
764228 Split PREP DUP		9
764234 Orig		< 5
764234 Dup		8
764243 Orig		< 5

Analyte Symbol	Au	Au
Unit Symbol	g/tonne	ppb
Lower Limit	0.02	5
Method Code	FA-GRA	FA-AA
764243 Dup		5
764256 Orig		7
764256 Dup		5
764266 Orig		< 5
764266 Dup		5
Method Blank		< 5
Method Blank		< 5
Method Blank		< 5
Method Blank		< 5
Method Blank		< 5
Method Blank		< 5
Method Blank	< 0.02	

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10449**
Report Date: **06-Oct-20**
Date Submitted: **02-Sep-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

17 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-28 13:58:36
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-30 09:11:35
1A4-1000 (100mesh)-Tbay	QOP AA-Au (Au-Fire Assay-Metallic Screen-1000g)	2020-10-06 12:17:46

REPORT **A20-10449**

Notes:

A representative 1000 gram split is seived at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
764183	< 5								
764184	< 5								
764185	< 5								
764186	5								
764187	6								
764188	8								
764189	> 5000	7.05							
764190	329								
764191	196								
764192	46								
764193	172								
764194	194								
764195	215								
764196	1290								
764197	> 5000	13.0	35.5	12.2	12.4	12.4	6.990	988.70	995.69
764198	14								
764199	7								

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g
Lower Limit	5	0.02	0.03	
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		12.3	12.2	
OREAS 229b (Fire Assay) Cert		11.9	11.9	
OREAS 238 (Fire Assay) Meas	3150			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 257b (Fire Assay) Meas		14.8	14.7	
OREAS 257b (Fire Assay) Cert		14.2	14.2	
Oreas E1336 (Fire Assay) Meas	525			
Oreas E1336 (Fire Assay) Cert	510			
764189 Orig		6.98		
764189 Dup		7.12		
764191 Orig	203			
764191 Dup	188			
Method Blank	< 5			
Method Blank	< 5			
Method Blank		< 0.02		
Method Blank			< 0.03	

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10451**
Report Date: **07-Oct-20**
Date Submitted: **02-Sep-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

90 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-10-05 15:25:44
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-10-06 17:54:00

REPORT **A20-10451**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
764474	11	
764475	271	
764476	120	
764477	30	
764478	30	
764479	50	
764480	955	
764481	26	
764482	6	
764483	54	
764484	14	
764485	40	
764486	40	
764487	18	
764488	16	
764489	5	
764490	40	
764491	93	
764492	53	
764493	26	
764494	111	
764495	454	
764496	16	
764497	32	
764498	25	
764499	44	
764500	> 5000	5.67
764519	< 5	
764520	> 5000	13.2
764521	10	
764522	< 5	
764523	54	
764524	14	
764525	684	
764526	29	
764527	< 5	
764528	8	
764529	7	
764530	53	
764531	9	
764532	< 5	
764533	< 5	
764534	117	
764535	< 5	
764536	< 5	
764537	< 5	
764538	< 5	
764539	< 5	
764540	< 5	
764541	< 5	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
764542	< 5	
764543	< 5	
764544	< 5	
764545	< 5	
764546	15	
764547	< 5	
764548	< 5	
764549	6	
764550	< 5	
764551	5	
764552	5	
764553	6	
764554	< 5	
764555	< 5	
764556	< 5	
764557	7	
764558	< 5	
764559	< 5	
764560	973	
764561	6	
764562	< 5	
764563	7	
764564	< 5	
764565	36	
764566	392	
764567	56	
764568	192	
764569	320	
764570	483	
764571	13	
764572	8	
764573	13	
764574	< 5	
764575	5	
764576	6	
764577	8	
764578	< 5	
764579	5	
764580	> 5000	5.36
764581	5	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 238 (Fire Assay) Meas	3090	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	2980	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3040	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 257b (Fire Assay) Meas		13.9
OREAS 257b (Fire Assay) Cert		14.2
Oreas E1336 (Fire Assay) Meas	524	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	526	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	514	
Oreas E1336 (Fire Assay) Cert	510	
764482 Orig	6	
764482 Dup	6	
764492 Orig	42	
764492 Dup	63	
764496 Orig	17	
764496 Dup	14	
764535 Orig	< 5	
764535 Dup	< 5	
764541 Orig	< 5	
764541 Split PREP DUP	< 5	
764544 Orig	< 5	
764544 Dup	< 5	
764548 Orig	< 5	
764548 Dup	< 5	
764569 Orig	325	
764569 Dup	315	
764579 Orig	5	
764579 Dup	5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.02

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10859**
Report Date: **24-Sep-20**
Date Submitted: **10-Sep-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

28 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-23 15:36:10

REPORT **A20-10859**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
763081	11
763082	8
763083	< 5
763084	7
763112	33
763113	50
763114	10
763115	6
763116	6
763145	< 5
763146	17
763147	6
763148	< 5
763149	111
763150	138
763151	221
763152	172
763153	8
763154	7
763155	10
763156	25
763157	5
763158	16
763159	8
763174	6
763175	85
763176	53
763177	24

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 238 (Fire Assay) Meas	2990
OREAS 238 (Fire Assay) Cert	3030
Oreas E1336 (Fire Assay) Meas	496
Oreas E1336 (Fire Assay) Cert	510
763116 Orig	6
763116 Dup	6
763154 Orig	7
763154 Dup	7
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10889**
Report Date: **02-Oct-20**
Date Submitted: **11-Sep-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

78 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-29 08:37:38
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-30 19:35:52

REPORT **A20-10889**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Au
Unit Symbol	g/tonne	ppb
Lower Limit	0.02	5
Method Code	FA-GRA	FA-AA
763316		< 5
763317		< 5
763318		5
763319		6
763320	13.6	> 5000
763321		8
763322		7
763323		6
763324		< 5
763325		< 5
763326		6
763327		8
763328		6
763329		5
763330		< 5
763331		5
763332		8
763333		< 5
763334		< 5
763335		< 5
763336		< 5
763337		< 5
763354		45
763355		71
763356		241
763357		20
763358		15
763359		65
763360		1020
763361		53
763362		15
763363		10
763364		< 5
763365		6
763366		9
763367		10
763368		< 5
763369		8
763375		5
763376		6
763377		5
763378		5
763379		5
763380	5.80	> 5000
763381		7
763382		6
763383		7
763384		6
763385		< 5
763386		9

Analyte Symbol	Au	Au
Unit Symbol	g/tonne	ppb
Lower Limit	0.02	5
Method Code	FA-GRA	FA-AA
763387		6
763388		7
763389		< 5
763390		7
763391		7
763392		5
763393		17
763394		10
763395		< 5
763396		< 5
763397		< 5
763398		6
763399		7
763400	13.4	> 5000
763401		10
763402		6
763403		7
763404		7
763405		10
763406		15
763407		256
763408		11
763409		12
763410		< 5
763411		< 5
763412		7
763413		7
763414		< 5

Analyte Symbol	Au	Au
Unit Symbol	g/tonne	ppb
Lower Limit	0.02	5
Method Code	FA-GRA	FA-AA
OREAS 229b (Fire Assay) Meas	11.7	
OREAS 229b (Fire Assay) Cert	11.9	
OREAS 238 (Fire Assay) Meas		3150
OREAS 238 (Fire Assay) Cert		3030
OREAS 238 (Fire Assay) Meas		3140
OREAS 238 (Fire Assay) Cert		3030
OREAS 238 (Fire Assay) Meas		3130
OREAS 238 (Fire Assay) Cert		3030
OREAS 257b (Fire Assay) Meas	13.7	
OREAS 257b (Fire Assay) Cert	14.2	
Oreas E1336 (Fire Assay) Meas		517
Oreas E1336 (Fire Assay) Cert		510
Oreas E1336 (Fire Assay) Meas		530
Oreas E1336 (Fire Assay) Cert		510
Oreas E1336 (Fire Assay) Meas		529
Oreas E1336 (Fire Assay) Cert		510
763325 Orig		< 5
763325 Dup		< 5
763335 Orig		< 5
763335 Dup		< 5
763361 Orig		54
763361 Dup		51
763381 Orig		8
763381 Dup		5
763386 Orig		9
763386 Split PREP DUP		8
763390 Orig		6
763390 Dup		7
763401 Orig		11
763401 Dup		9
Method Blank		< 5
Method Blank		< 5
Method Blank		< 5
Method Blank		< 5
Method Blank		< 5
Method Blank	< 0.02	

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10890**
Report Date: **29-Sep-20**
Date Submitted: **11-Sep-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

42 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-23 21:45:13
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-25 13:36:32
1A4-1000 (100mesh)-Tbay	QOP AA-Au (Au-Fire Assay-Metallic Screen-1000g)	2020-09-28 14:31:32

REPORT **A20-10890**

Notes:

A representative 1000 gram split is seived at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
763198	35								
763199	1110								
763200	988								
763201	1050								
763202	1370								
763203	712								
763204	28								
763205	32								
763206	87								
763216	6								
763217	34								
763218	13								
763219	5								
763220	> 5000	5.52							
763221	7								
763222	5								
763264	39								
763265	57								
763266	23								
763267	36								
763268	16								
763269	> 5000	11.4	106	6.41	6.07	8.11	18.18	952.42	970.60
763270	29								
763271	17								
763272	5								
763273	268								
763274	8								
763275	25								
763276	28								
763277	21								
763278	11								
763279	8								
763280	709								
763281	7								
763282	6								
763283	6								
763284	9								
763285	6								
763286	6								
763287	6								
763288	5								
763289	6								

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g
Lower Limit	5	0.02	0.03	
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.8	11.8	
OREAS 229b (Fire Assay) Cert		11.9	11.9	
OREAS 238 (Fire Assay) Meas	3150			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 238 (Fire Assay) Meas	3020			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 238 (Fire Assay) Meas	2870			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 257b (Fire Assay) Meas		14.5	13.5	
OREAS 257b (Fire Assay) Cert		14.2	14.2	
Oreas E1336 (Fire Assay) Meas	508			
Oreas E1336 (Fire Assay) Cert	510			
Oreas E1336 (Fire Assay) Meas	510			
Oreas E1336 (Fire Assay) Cert	510			
763198 Orig	35			
763198 Dup	35			
763206 Orig	88			
763206 Dup	85			
763266 Orig	25			
763266 Dup	20			
763270 Orig	30			
763270 Dup	27			
763287 Orig	6			
763287 Dup	5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank		< 0.02		
Method Blank	< 5			
Method Blank			< 0.03	

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-11151**
Report Date: **07-Oct-20**
Date Submitted: **16-Sep-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

83 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-10-05 08:35:18
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-10-06 12:18:34
1A4-1000 (100mesh)-Tbay	QOP AA-Au (Au-Fire Assay-Metallic Screen-1000g)	2020-10-06 21:30:54

REPORT **A20-11151**

Notes:

A representative 1000 gram split is seived at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
764370	38								
764371	19								
764372	10								
764373	44								
764374	13								
764375	< 5								
764376	17								
764377	13								
764378	18								
764379	31								
764380	< 5								
764381	78								
764382	96								
764383	55								
764384	120								
764385	17								
764386	16								
764387	6								
764409	267								
764410	128								
764411	50								
764412	511								
764413	232								
764414	> 5000	17.0	655	14.8	15.1	22.6	12.05	1002.5	1014.5
764415	300								
764416	34								
764417	14								
764418	8								
764419	7								
764420	> 5000	5.33							
764421	9								
764422	< 5								
764423	< 5								
764424	38								
764425	7								
764426	< 5								
764427	< 5								
764428	< 5								
764429	< 5								
764430	< 5								
764431	< 5								
764432	5								
764433	< 5								
764434	5								
764435	11								
764436	8								
764437	6								
764438	6								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
764439	8								
764440	> 5000	13.2							
764441	7								
764442	< 5								
764443	< 5								
764444	5								
764445	7								
764446	5								
764447	9								
764448	10								
764449	12								
764450	7								
764451	8								
764452	11								
764453	5								
764454	< 5								
764455	12								
764456	11								
764457	8								
764458	7								
764459	6								
764460	< 5								
764461	< 5								
764462	6								
764463	5								
764464	5								
764465	5								
764466	< 5								
764467	< 5								
764468	< 5								
764469	< 5								
764470	< 5								
764471	6								
764472	8								
764473	125								

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g
Lower Limit	5	0.02	0.03	
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.8	11.9	
OREAS 229b (Fire Assay) Cert		11.9	11.9	
OREAS 238 (Fire Assay) Meas	3160			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 238 (Fire Assay) Meas	3110			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 257b (Fire Assay) Meas		14.5	13.8	
OREAS 257b (Fire Assay) Cert		14.2	14.2	
Oreas E1336 (Fire Assay) Meas	529			
Oreas E1336 (Fire Assay) Cert	510			
Oreas E1336 (Fire Assay) Meas	516			
Oreas E1336 (Fire Assay) Cert	510			
Oreas E1336 (Fire Assay) Meas	513			
Oreas E1336 (Fire Assay) Cert	510			
764378 Orig	15			
764378 Dup	20			
764409 Orig	268			
764409 Dup	265			
764413 Orig	235			
764413 Dup	229			
764414 Orig		17.2	22.6	1014.5
764414 Dup		16.9		
764434 Orig	5			
764434 Dup	5			
764441 Orig	7			
764441 Split PREP DUP	5			
764443 Orig	< 5			
764443 Dup	< 5			
764447 Orig	8			
764447 Dup	9			
764468 Orig	< 5			
764468 Dup	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g
Lower Limit	5	0.02	0.03	
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT
Method Blank		< 0.02		
Method Blank			< 0.03	

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10372**
Report Date: **28-Sep-20**
Date Submitted: **01-Sep-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

10 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-28 10:14:44

REPORT **A20-10372**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
764044	16
764045	838
764046	698
764047	1020
764048	1200
764049	649
764050	610
764051	386
764052	826
764053	1830

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 238 (Fire Assay) Meas	3200
OREAS 238 (Fire Assay) Cert	3030
Oreas E1336 (Fire Assay) Meas	538
Oreas E1336 (Fire Assay) Cert	510
764052 Orig	820
764052 Dup	831
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-08540**
Report Date: **07-Aug-20**
Date Submitted: **30-Jul-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

11 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-08-05 17:37:24

REPORT **A20-08540**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
586451	> 5000	101	93.0	91.3	89.8	90.6	17.51	499.49	517.00
586452	412								
586453	1220								
586454	459								
586460	> 5000	13.9	11.2	14.4	13.5	13.9	18.65	519.01	537.66
586461	38								
586455	413								
586456	489								
586457	680								
586458	980								
586459	263								

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g
Lower Limit	5	0.02	0.03	
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		12.4	12.0	
OREAS 229b (Fire Assay) Cert		11.9	11.9	
OREAS 238 (Fire Assay) Meas	3160			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 238 (Fire Assay) Meas	3000			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 257b (Fire Assay) Meas		14.6	14.0	
OREAS 257b (Fire Assay) Cert		14.2	14.2	
Oreas E1336 (Fire Assay) Meas	529			
Oreas E1336 (Fire Assay) Cert	510			
586460 Orig		13.9	13.9	537.66
586460 Dup		14.0		
586459 Orig	262			
586459 Dup	263			
Method Blank	< 5			
Method Blank	< 5			
Method Blank		< 0.02		
Method Blank			< 0.03	

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-09074**
Report Date: **26-Aug-20**
Date Submitted: **07-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

44 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-08-25 21:32:19

REPORT **A20-09074**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
585824	10
585825	13
585826	8
585827	7
585828	8
585829	24
585830	7
585831	45
585832	17
585833	655
585888	816
585889	72
585890	12
585891	32
585892	49
585893	208
585894	59
585895	16
585915	< 5
585916	< 5
585917	7
585918	9
585919	19
585920	36
585921	11
585922	< 5
585923	< 5
585924	< 5
585925	8
585926	< 5
585927	< 5
585928	< 5
585929	6
585930	8
585931	7
585932	78
585933	121
585934	33
585935	113
585936	16
585937	< 5
585938	11
585939	< 5
585940	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 238 (Fire Assay) Meas	2880
OREAS 238 (Fire Assay) Cert	3030
OREAS 238 (Fire Assay) Meas	3110
OREAS 238 (Fire Assay) Cert	3030
Oreas E1336 (Fire Assay) Meas	490
Oreas E1336 (Fire Assay) Cert	510
Oreas E1336 (Fire Assay) Meas	517
Oreas E1336 (Fire Assay) Cert	510
585832 Orig	16
585832 Dup	17
585915 Orig	< 5
585915 Dup	< 5
585919 Orig	20
585919 Dup	18
585940 Orig	< 5
585940 Dup	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-09076**
Report Date: **11-Sep-20**
Date Submitted: **07-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

73 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-08-24 11:06:24
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-08-26 16:20:45
1A4-1000 (100mesh)-Tbay	QOP AA-Au (Au-Fire Assay-Metallic Screen-1000g)	2020-08-31 14:12:50

REPORT **A20-09076**

Notes:

A representative 1000 gram split is seived at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
585834	80								
585835	216								
585836	> 5000	27.7	145	23.7	24.4	27.5	19.73	686.65	706.38
585837	2840								
585838	> 5000	5.52							
585839	4580								
585840	> 5000	112	1650	69.4	71.8	103	20.56	986.57	1007.1
585841	> 5000	47.9	449	30.8	32.0	37.4	14.58	995.13	1009.7
585842	220								
585843	24								
585844	8								
585845	85								
585846	216								
585847	848								
585848	2680								
585849	2950								
585850	325								
585851	1670								
585852	> 5000	7.54							
585853	2050								
585854	32								
585855	749								
585856	178								
585857	234								
585858	42								
585859	285								
585860	1820								
585861	2080								
585862	1770								
585863	> 5000	8.04							
585864	1040								
585865	> 5000	5.14							
585866	> 5000	10.0	0.75	9.52	9.06	8.87	21.33	410.07	431.40
585867	2280								
585868	2200								
585869	< 5								
585870	< 5								
585871	< 5								
585872	< 5								
585873	3320	3.00							
585874	567								
585875	350								
585876	174								
585877	227								
585878	553								
585879	2640								
585880	689								
585881	> 5000	12.3	23.2	12.8	13.2	13.2	18.0	1020	1040

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
585882	1350								
585883	143								
585884	> 5000	5.58							
585885	59								
585886	52								
585887	49								
585896	8								
585897	8								
585898	36								
585899	272								
585900	27								
585901	7								
585902	7								
585903	14								
585904	> 5000	13.7							
585905	12								
585906	20								
585907	6								
585908	10								
585909	26								
585910	49								
585911	12								
585912	9								
585913	15								
585914	8								

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g
Lower Limit	5	0.02	0.03	
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.8	12.0	
OREAS 229b (Fire Assay) Cert		11.9	11.9	
OREAS 229b (Fire Assay) Meas		12.2	11.7	
OREAS 229b (Fire Assay) Cert		11.9	11.9	
OREAS 229b (Fire Assay) Meas		11.5		
OREAS 229b (Fire Assay) Cert		11.9		
OREAS 238 (Fire Assay) Meas	3140			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 238 (Fire Assay) Meas	3050			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 238 (Fire Assay) Meas	3070			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 238 (Fire Assay) Meas	3180			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 238 (Fire Assay) Meas	3160			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 257b (Fire Assay) Meas		14.3	14.2	
OREAS 257b (Fire Assay) Cert		14.2	14.2	
OREAS 257b (Fire Assay) Meas		14.5	13.9	
OREAS 257b (Fire Assay) Cert		14.2	14.2	
OREAS 257b (Fire Assay) Meas		14.2		
OREAS 257b (Fire Assay) Cert		14.2		
Oreas E1336 (Fire Assay) Meas	512			
Oreas E1336 (Fire Assay) Cert	510			
Oreas E1336 (Fire Assay) Meas	509			
Oreas E1336 (Fire Assay) Cert	510			
Oreas E1336 (Fire Assay) Meas	524			
Oreas E1336 (Fire Assay) Cert	510			
Oreas E1336 (Fire	519			

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g
Lower Limit	5	0.02	0.03	
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT
Assay) Meas				
Oreas E1336 (Fire Assay) Cert	510			
Oreas E1336 (Fire Assay) Meas	525			
Oreas E1336 (Fire Assay) Cert	510			
585838 Orig		5.44		
585838 Dup		5.61		
585842 Orig	195			
585842 Dup	244			
585852 Orig	> 5000			
585852 Dup	> 5000			
585856 Orig	190			
585856 Dup	166			
585865 Orig		5.29		
585865 Dup		4.99		
585877 Orig	199			
585877 Dup	254			
585883 Orig	143			
585883 Split PREP DUP	157			
585886 Orig	56			
585886 Dup	48			
585898 Orig	34			
585898 Dup	38			
585913 Orig	14			
585913 Dup	15			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank		< 0.02		
Method Blank		< 0.02		
Method Blank	< 5			
Method Blank			< 0.03	
Method Blank			< 0.03	
Method Blank		< 0.02		

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-09078**
Report Date: **02-Sep-20**
Date Submitted: **07-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

147 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-08-26 15:17:42
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-08-28 12:36:02
1A4-1000 (100mesh)-Tbay	QOP AA-Au (Au-Fire Assay-Metallic Screen-1000g)	2020-09-02 14:29:36

REPORT **A20-09078**

Notes:

A representative 1000 gram split is seived at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
585651	< 5								
585652	6								
585653	< 5								
585654	< 5								
585655	5								
585656	< 5								
585657	< 5								
585658	5								
585685	7								
585686	7								
585687	41								
585688	8								
585689	12								
585690	> 5000	5.68							
585691	5								
585692	< 5								
585693	8								
585694	10								
585695	16								
585696	10								
585697	6								
585698	8								
585699	9								
585700	15								
585701	6								
585702	5								
585703	9								
585704	9								
585705	10								
585706	158								
585707	20								
585708	11								
585709	86								
585710	> 5000	14.3							
585711	1280								
585712	12								
585713	20								
585714	9								
585715	7								
585716	9								
585717	6								
585718	9								
585719	6								
585720	6								
585721	8								
585722	26								
585723	5								
585724	6								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
585725	5								
585726	6								
585727	5								
585728	7								
585729	8								
585730	< 5								
585731	6								
585732	5								
585733	7								
585734	9								
585735	7								
585736	6								
585737	10								
585738	8								
585739	10								
585740	16								
585741	8								
585742	5								
585743	26								
585744	5								
585745	6								
585746	8								
585747	< 5								
585748	< 5								
585749	9								
585750	1030								
585751	< 5								
585752	8								
585753	5								
585754	11								
585755	9								
585756	11								
585757	17								
585758	9								
585759	7								
585760	20								
585761	12								
585762	12								
585763	26								
585764	8								
585765	9								
585766	13								
585767	17								
585768	10								
585769	7								
585770	> 5000	5.38							
585771	8								
585772	8								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
585773	5								
585774	< 5								
585775	< 5								
585776	< 5								
585777	21								
585778	6								
585779	5								
585780	6								
585781	6								
585782	5								
585783	16								
585784	< 5								
585785	6								
585786	13								
585787	8								
585788	5								
585789	< 5								
585790	> 5000	13.9							
585791	68								
585792	378								
585793	165								
585794	10								
585795	8								
585796	147								
585797	1030								
585798	333								
585799	1220								
585800	> 5000		8.19	4.61	4.61	4.69	24.93	1047.6	1072.5
585801	4520		12.4	4.45	4.24	4.44	11.21	966.14	977.35
585802	1840								
585803	2900								
585804	10								
585805	12								
585806	8								
585807	6								
585808	11								
585809	18								
585810	< 5								
585811	21								
585812	29								
585813	17								
585814	200								
585815	26								
585816	5								
585817	< 5								
585818	8								
585819	13								
585820	18								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
585821	9								
585822	12								
585823	48								

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g
Lower Limit	5	0.02	0.03	
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		12.4	12.0	
OREAS 229b (Fire Assay) Cert		11.9	11.9	
OREAS 238 (Fire Assay) Meas	3170			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 238 (Fire Assay) Meas	3170			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 238 (Fire Assay) Meas	3190			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 238 (Fire Assay) Meas	3180			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 238 (Fire Assay) Meas	3140			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 257b (Fire Assay) Meas		14.9	14.6	
OREAS 257b (Fire Assay) Cert		14.2	14.2	
Oreas E1336 (Fire Assay) Meas	526			
Oreas E1336 (Fire Assay) Cert	510			
Oreas E1336 (Fire Assay) Meas	519			
Oreas E1336 (Fire Assay) Cert	510			
Oreas E1336 (Fire Assay) Meas	522			
Oreas E1336 (Fire Assay) Cert	510			
Oreas E1336 (Fire Assay) Meas	522			
Oreas E1336 (Fire Assay) Cert	510			
Oreas E1336 (Fire Assay) Meas	513			
Oreas E1336 (Fire Assay) Cert	510			
585685 Orig	6			
585685 Dup	8			
585695 Orig	16			
585695 Dup	16			
585699 Orig	9			
585699 Dup	9			
585720 Orig	6			
585720 Dup	6			

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g
Lower Limit	5	0.02	0.03	
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT
585726 Orig	6			
585726 Split PREP DUP	6			
585729 Orig	8			
585729 Dup	7			
585733 Orig	8			
585733 Dup	6			
585754 Orig	11			
585754 Dup	10			
585764 Orig	8			
585764 Dup	8			
585768 Orig	10			
585768 Dup	9			
585776 Orig	< 5			
585776 Split PREP DUP	< 5			
585788 Orig	5			
585788 Dup	5			
585798 Orig	330			
585798 Dup	335			
585823 Orig	46			
585823 Dup	50			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank		< 0.02		
Method Blank			< 0.03	

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-09081**
Report Date: **31-Aug-20**
Date Submitted: **07-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

26 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-08-26 14:14:03

REPORT **A20-09081**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
585659	9
585660	< 5
585661	7
585662	5
585663	9
585664	7
585665	7
585666	8
585667	8
585668	8
585669	7
585670	1010
585671	8
585672	18
585673	6
585674	10
585675	13
585676	36
585677	2210
585678	19
585679	12
585680	13
585681	1280
585682	67
585683	10
585684	15

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 238 (Fire Assay) Meas	3150
OREAS 238 (Fire Assay) Cert	3030
OREAS 238 (Fire Assay) Meas	3170
OREAS 238 (Fire Assay) Cert	3030
Oreas E1336 (Fire Assay) Meas	526
Oreas E1336 (Fire Assay) Cert	510
Oreas E1336 (Fire Assay) Meas	523
Oreas E1336 (Fire Assay) Cert	510
585667 Orig	8
585667 Dup	7
585677 Orig	2130
585677 Dup	2290
585681 Orig	1300
585681 Dup	1250
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-09152**
Report Date: **03-Sep-20**
Date Submitted: **10-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

53 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-08-31 16:02:45
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-02 19:12:58

REPORT **A20-09152**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
585995	18	
585996	37	
585997	107	
585998	31	
585999	84	
586000	> 5000	5.72
586001	129	
586002	759	
586003	118	
586004	357	
586005	1940	
586013	53	
586014	88	
586015	357	
586016	57	
586017	15	
586018	12	
586019	6	
586020	< 5	
586021	5	
586022	16	
586023	214	
586024	14	
586025	5	
586026	9	
586027	193	
586028	117	
586029	19	
586030	7	
586031	102	
586032	46	
586033	152	
586034	75	
586035	8	
586036	5	
586037	8	
586038	5	
586039	9	
586040	1010	
586041	< 5	
586042	< 5	
586043	< 5	
586044	< 5	
586045	< 5	
586046	< 5	
586047	< 5	
586048	< 5	
586049	5	
586050	6	
586051	6	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
586052	< 5	
586053	< 5	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		11.9
OREAS 229b (Fire Assay) Cert		11.9
OREAS 257b (Fire Assay) Meas		14.7
OREAS 257b (Fire Assay) Cert		14.2
Oreas E1336 (Fire Assay) Meas	529	
Oreas E1336 (Fire Assay) Cert	510	
OREAS 254b Fire Assay Meas	2640	
OREAS 254b Fire Assay Cert	2530	
OREAS 254b Fire Assay Meas	2630	
OREAS 254b Fire Assay Cert	2530	
586003 Orig	118	
586003 Dup	118	
586017 Orig	14	
586017 Dup	15	
586026 Orig	8	
586026 Dup	9	
586045 Orig	< 5	
586045 Dup	< 5	
586050 Orig	6	
586050 Split PREP DUP	5	
586051 Orig	6	
586051 Dup	5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.02

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-09155**
Report Date: **08-Sep-20**
Date Submitted: **10-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

61 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-08-28 07:48:41
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-02 19:12:58

REPORT **A20-09155**

Notes:

A representative 1000 gram split is seived at 150 mesh (105 micron) with assays performed on the entire +150 mesh and 2 splits of the -150 mesh fraction. A final assay is calculated on the weight of each fraction.

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-09155**
Report Date: **08-Sep-20**
Date Submitted: **10-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

61 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A4-1000-Tbay	QOP AA-Au (Au-Fire Assay-Metallic Screen-1000g)	

REPORT **A20-09155**

Notes:

A representative 1000 gram split is seived at 150 mesh (105 micron) with assays performed on the entire +150 mesh and 2 splits of the -150 mesh fraction. A final assay is calculated on the weight of each fraction.

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

CERTIFIED BY:

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Quality Control Coordinator

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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
585941	83								
585942	587								
585943	39								
585944	> 5000	8.39							
585945	> 5000	9.65							
585946	1870								
585947	3840								
585948	> 5000	6.44							
585949	209								
585950	16								
585951	402								
585952	4660								
585953	715								
585954	250								
585955	39								
585956	34								
585957	303								
585958	78								
585959	251								
585960	985								
585961	233								
585962	3750								
585963	318								
585964	171								
585965	47								
585966	78								
585967	298								
585968	70								
585969	9								
585970	8								
585971	9								
585972	168								
585973	644								
585974	839								
585975	607								
585976	447								
585977	117								
585978	244								
585979	240								
585980	> 5000	5.69							
585981	338								
585982	138								
585983	148								
585984	173								
585985	128								
585986	438								
585987	527								
585988	280								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
585989	224								
585990	380								
585991	376								
585992	28								
585993	6								
585994	13								
586006	617								
586007	214								
586008	622								
586009	> 5000	9.86	125	4.82	5.20	6.50	11.9	944	955
586010	219								
586011	138								
586012	49								

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g
Lower Limit	5	0.02	0.03	
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		12.1	12.0	
OREAS 229b (Fire Assay) Cert		11.9	11.9	
OREAS 229b (Fire Assay) Meas		11.9		
OREAS 229b (Fire Assay) Cert		11.9		
OREAS 238 (Fire Assay) Meas	3170			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 257b (Fire Assay) Meas		14.3	14.2	
OREAS 257b (Fire Assay) Cert		14.2	14.2	
OREAS 257b (Fire Assay) Meas		14.7		
OREAS 257b (Fire Assay) Cert		14.2		
Oreas E1336 (Fire Assay) Meas	510			
Oreas E1336 (Fire Assay) Cert	510			
Oreas E1336 (Fire Assay) Meas	527			
Oreas E1336 (Fire Assay) Cert	510			
Oreas E1336 (Fire Assay) Meas	529			
Oreas E1336 (Fire Assay) Cert	510			
OREAS 254b Fire Assay Meas	2590			
OREAS 254b Fire Assay Cert	2530			
OREAS 254b Fire Assay Meas	2500			
OREAS 254b Fire Assay Cert	2530			
585949 Orig	213			
585949 Dup	204			
585956 Orig	34			
585956 Dup	33			
585965 Orig	40			
585965 Dup	53			
585984 Orig	173			
585984 Dup	172			
585990 Orig	380			
585990 Split PREP DUP	345			
585991 Orig	390			
585991 Dup	362			
586010 Orig	227			
586010 Dup	211			

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g
Lower Limit	5	0.02	0.03	
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank		< 0.02		
Method Blank		< 0.02		
Method Blank		< 0.02		
Method Blank			< 0.03	

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-09350**
Report Date: **02-Sep-20**
Date Submitted: **13-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

40 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-08-31 08:31:36

REPORT **A20-09350**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
586086	12	
586087	44	
586088	32	
586089	625	
586090	11	
586091	7	
586092	5	
586093	< 5	
586094	8	
586095	22	
586096	28	
586097	31	
586098	76	
586099	35	
586100	> 5000	5.59
586101	21	
586102	5	
586103	23	
586104	113	
586105	188	
586106	388	
586107	1430	
586108	577	
586109	639	
586110	1110	
586111	812	
586112	14	
586113	10	
586114	1110	
586115	2260	
586116	593	
586117	1680	
586118	687	
586119	682	
586120	> 5000	13.9
586121	318	
586122	299	
586123	274	
586124	28	
586125	20	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		12.4
OREAS 229b (Fire Assay) Cert		11.9
OREAS 238 (Fire Assay) Meas	3000	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3090	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 257b (Fire Assay) Meas		14.6
OREAS 257b (Fire Assay) Cert		14.2
Oreas E1336 (Fire Assay) Meas	526	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	523	
Oreas E1336 (Fire Assay) Cert	510	
586094 Orig	7	
586094 Dup	8	
586104 Orig	121	
586104 Dup	105	
586108 Orig	540	
586108 Dup	613	
586121 Orig	334	
586121 Dup	301	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.02

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-09354**
Report Date: **10-Sep-20**
Date Submitted: **13-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

91 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-03 12:52:05
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-08 08:48:48
1A4-1000 (100mesh)-Tbay	QOP AA-Au (Au-Fire Assay-Metallic Screen-1000g)	

REPORT **A20-09354**

Notes:

A representative 1000 gram split is seived at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Au	Au + 150 mesh	Au - 150 mesh (A)	Au - 150 mesh (B)	Total Au	+ 150 mesh	- 150 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
586054	53								
586055	56								
586056	25								
586057	434								
586058	> 5000	48.4	1580	25.4	26.6	52.3	16.79	974.78	991.57
586059	> 5000	9.16							
586060	17								
586061	> 5000	7.71							
586062	2910								
586063	> 5000	7.57							
586064	> 5000	8.25							
586065	3980								
586066	3450								
586067	513								
586068	49								
586069	84								
586070	166								
586071	285								
586072	926								
586073	58								
586074	6								
586075	20								
586076	5								
586077	8								
586078	274								
586079	39								
586080	1020								
586081	24								
586082	296								
586083	185								
586084	492								
586085	61								
586126	7								
586127	< 5								
586128	5								
586129	5								
586130	< 5								
586131	6								
586132	7								
586133	59								
586134	65								
586135	14								
586136	20								
586137	76								
586138	48								
586139	622								
586140	< 5								
586141	118								

Analyte Symbol	Au	Au	Au + 150 mesh	Au - 150 mesh (A)	Au - 150 mesh (B)	Total Au	+ 150 mesh	- 150 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
586142	82								
586143	115								
586144	106								
586145	111								
586146	82								
586147	122								
586148	237								
586149	185								
586150	41								
586151	42								
586152	412								
586153	132								
586154	144								
586155	308								
586156	6								
586157	33								
586158	40								
586159	24								
586160	980								
586161	8								
586162	44								
586163	12								
586164	13								
586165	31								
586166	48								
586167	120								
586168	117								
586169	29								
586170	82								
586171	11								
586172	18								
586173	50								
586174	20								
586175	14								
586176	10								
586177	19								
586178	16								
586179	22								
586180	> 5000	5.51							
586181	14								
586182	13								
586183	40								
586184	15								

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g
Lower Limit	5	0.02	0.03	
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		12.1	11.5	
OREAS 229b (Fire Assay) Cert		11.9	11.9	
OREAS 238 (Fire Assay) Meas	3130			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 238 (Fire Assay) Meas	3170			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 238 (Fire Assay) Meas	3100			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 238 (Fire Assay) Meas	3120			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 257b (Fire Assay) Meas		14.5	14.0	
OREAS 257b (Fire Assay) Cert		14.2	14.2	
Oreas E1336 (Fire Assay) Meas	520			
Oreas E1336 (Fire Assay) Cert	510			
Oreas E1336 (Fire Assay) Meas	523			
Oreas E1336 (Fire Assay) Cert	510			
Oreas E1336 (Fire Assay) Meas	530			
Oreas E1336 (Fire Assay) Cert	510			
586056 Orig	23			
586056 Dup	26			
586061 Orig		7.76		
586061 Dup		7.66		
586075 Orig	18			
586075 Dup	21			
586127 Orig	< 5			
586127 Dup	5			
586136 Orig	18			
586136 Dup	21			
586143 Orig	115			
586143 Split PREP DUP	79			
586146 Orig	85			
586146 Dup	79			
586150 Orig	40			
586150 Dup	41			
586171 Orig	9			

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g
Lower Limit	5	0.02	0.03	
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT
586171 Dup	12			
586181 Orig	20			
586181 Dup	7			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank		< 0.02		
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank			< 0.03	

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-09592**
Report Date: **16-Sep-20**
Date Submitted: **18-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

68 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-11 11:16:33
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	
1A4-1000 (100mesh)-Tbay	QOP AA-Au (Au-Fire Assay-Metallic Screen-1000g)	2020-09-15 22:49:21

REPORT **A20-09592**

Notes:

A representative 1000 gram split is seived at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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

Footnote: Sample 586200 has insufficient material left for 1A3 additional analysis. Informed to proceed without.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppb	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	5	0.03	0.03	0.03	0.03				0.03
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-GRA
586196	333								
586197	167								
586198	356								
586199	9								
586200	> 5000								
586201	128								
586202	42								
586203	19								
586204	16								
586205	5								
586206	5								
586207	< 5								
586211	15								
586212	8								
586213	271								
586214	961								
586215	800								
586216	353								
586217	437								
586218	592								
586219	329								
586220	< 5								
586221	405								
586222	535								
586223	251								
586224	90								
586225	259								
586228	1280								
586229	45								
586230	291								
586231	50								
586232	68								
586233	103								
586234	42								
586235	1090								
586236	287								
586237	78								
586238	147								
586239	74								
586240	1000								
586241	197								
586242	28								
586243	69								
586244	186								
586245	493								
586246	1410								
586247	215								
586248	155								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppb	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	5	0.03	0.03	0.03	0.03				0.03
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-GRA
586249	80								
586250	202								
586251	290								
586252	364								
586253	446								
586254	992								
586255	660								
586256	557								
586257	346								
586258	1120								
586259	1570								
586260	> 5000								5.48
586261	> 5000	7.08	6.68	6.57	6.63	8.510	981.37	989.88	6.97
586262	638								
586263	916								
586264	622								
586265	1740								
586266	219								
586267	21								
586268	12								

Analyte Symbol	Au	Total Au	Total Weight	Au
Unit Symbol	ppb	g/mt	g	g/tonne
Lower Limit	5	0.03		0.03
Method Code	FA-AA	FA-MeT	FA-MeT	FA-GRA
OREAS 229b (Fire Assay) Meas		12.4		12.0
OREAS 229b (Fire Assay) Cert		11.9		11.9
OREAS 238 (Fire Assay) Meas	3090			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 238 (Fire Assay) Meas	3090			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 257b (Fire Assay) Meas		14.8		14.3
OREAS 257b (Fire Assay) Cert		14.2		14.2
Oreas E1336 (Fire Assay) Meas	504			
Oreas E1336 (Fire Assay) Cert	510			
Oreas E1336 (Fire Assay) Meas	507			
Oreas E1336 (Fire Assay) Cert	510			
586204 Orig	13			
586204 Dup	18			
586217 Orig	457			
586217 Dup	417			
586221 Orig	366			
586221 Dup	444			
586244 Orig	189			
586244 Dup	183			
586250 Orig	202			
586250 Split PREP DUP	196			
586253 Orig	462			
586253 Dup	430			
586257 Orig	332			
586257 Dup	360			
586261 Orig		6.63	989.88	6.75
586261 Dup				7.19
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank				< 0.03
Method Blank		< 0.03		

Report No.: **A20-09593**
Report Date: **14-Sep-20**
Date Submitted: **18-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

52 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-08 18:51:00
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-09 20:46:07

REPORT **A20-09593**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
586299	24	
586300	< 5	
586301	30	
586302	6	
586303	12	
586304	34	
586305	95	
586306	> 5000	8.84
586307	2650	
586308	730	
586309	2430	
586310	397	
586311	100	
586312	63	
586313	28	
586314	204	
586315	7	
586316	< 5	
586317	7	
586318	55	
586319	29	
586320	970	
586321	< 5	
586322	< 5	
586323	< 5	
586324	78	
586325	50	
586326	46	
586327	11	
586328	72	
586329	22	
586330	16	
586331	14	
586332	< 5	
586333	< 5	
586334	9	
586335	7	
586344	< 5	
586345	< 5	
586346	100	
586347	1020	
586348	173	
586349	55	
586350	10	
586386	17	
586387	5	
586388	150	
586389	948	
586390	771	
586391	359	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
586392	986	
586393	607	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		12.1
OREAS 229b (Fire Assay) Cert		11.9
OREAS 238 (Fire Assay) Meas	3030	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3010	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3010	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 257b (Fire Assay) Meas		14.1
OREAS 257b (Fire Assay) Cert		14.2
Oreas E1336 (Fire Assay) Meas	500	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	509	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	506	
Oreas E1336 (Fire Assay) Cert	510	
586307 Orig	2560	
586307 Dup	2740	
586317 Orig	6	
586317 Dup	8	
586321 Orig	< 5	
586321 Dup	< 5	
586348 Orig	162	
586348 Dup	184	
586350 Orig	8	
586350 Dup	11	
586391 Orig	359	
586391 Split PREP DUP	275	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.02

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-09594**
Report Date: **14-Sep-20**
Date Submitted: **18-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

40 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-08 18:51:00
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-09 20:46:07

REPORT **A20-09594**

Notes:

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

Note: Sample #28 586280 was insufficient for any further analysis FA.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
586185	18
586186	29
586187	26
586188	10
586189	11
586190	190
586191	190
586192	471
586193	433
586194	45
586195	< 5
586208	< 5
586209	< 5
586210	41
586226	79
586227	7
586269	14
586270	18
586271	11
586272	9
586273	14
586274	23
586275	16
586276	14
586277	8
586278	12
586279	10
586280	> 5000
586281	19
586282	14
586283	9
586284	19
586285	11
586286	36
586287	15
586288	29
586289	28
586290	16
586291	11
586292	128

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 238 (Fire Assay) Meas	3030
OREAS 238 (Fire Assay) Cert	3030
OREAS 238 (Fire Assay) Meas	3150
OREAS 238 (Fire Assay) Cert	3030
OREAS 238 (Fire Assay) Meas	3000
OREAS 238 (Fire Assay) Cert	3030
Oreas E1336 (Fire Assay) Meas	500
Oreas E1336 (Fire Assay) Cert	510
Oreas E1336 (Fire Assay) Meas	519
Oreas E1336 (Fire Assay) Cert	510
Oreas E1336 (Fire Assay) Meas	494
Oreas E1336 (Fire Assay) Cert	510
586193 Orig	420
586193 Dup	446
586271 Orig	11
586271 Dup	10
586275 Orig	15
586275 Dup	16
586291 Orig	10
586291 Dup	11
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-09595**
Report Date: **17-Sep-20**
Date Submitted: **18-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

61 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-11 11:16:33
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	

REPORT **A20-09595**

Notes:

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

Footnote: Sample #11 586340 and sample# 56 586400 was insufficient for any further analysis.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA-GRA
586293	11	
586294	< 5	
586295	< 5	
586296	6	
586297	7	
586298	16	
586336	< 5	
586337	< 5	
586338	< 5	
586339	< 5	
586340		
586341	7	
586342	11	
586343	8	
586351	5	
586352	6	
586353	7	
586354	16	
586355	7	
586356	9	
586357	24	
586358	5	
586359	7	
586360	> 5000	13.4
586361	7	
586362	6	
586363	6	
586364	5	
586365	5	
586366	8	
586367	32	
586368	6	
586369	7	
586370	6	
586371	< 5	
586372	5	
586373	< 5	
586374	< 5	
586375	10	
586376	6	
586377	6	
586378	5	
586379	6	
586380	< 5	
586381	5	
586382	6	
586383	5	
586384	26	
586385	9	
586394	7	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA-GRA
586395	< 5	
586396	5	
586397	7	
586398	5	
586399	5	
586400		
586401	6	
586402	20	
586403	9	
586404	10	
586405	10	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		11.6
OREAS 229b (Fire Assay) Cert		11.9
OREAS 238 (Fire Assay) Meas	3020	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	2950	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	2870	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 257b (Fire Assay) Meas		14.2
OREAS 257b (Fire Assay) Cert		14.2
Oreas E1336 (Fire Assay) Meas	497	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	491	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	502	
Oreas E1336 (Fire Assay) Cert	510	
586297 Orig	7	
586297 Dup	6	
586336 Orig	< 5	
586336 Dup	< 5	
586355 Orig	7	
586355 Dup	7	
586359 Orig	7	
586359 Dup	7	
586380 Orig	< 5	
586380 Dup	< 5	
586394 Orig	7	
586394 Split PREP DUP	7	
586397 Orig	7	
586397 Dup	7	
586401 Orig	6	
586401 Dup	6	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.03
Method Blank	< 5	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA-GRA
Method Blank	< 5	

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-09727**
Report Date: **15-Sep-20**
Date Submitted: **20-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

82 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-11 11:16:33

REPORT **A20-09727**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	g/tonne	ppb
Lower Limit	0.03	5
Method Code	FA-GRA	FA-AA
586406		9
586407		7
586408		6
586409		7
586410		72
586411		196
586412		77
586413		34
586414		16
586444		6
586445		8
586446		9
586447		6
586448		11
586449		6
586450		6
856551		5
856552		6
856553		7
856554		7
856555		< 5
856556		7
856557		7
856558		7
856559		8
856560		< 5
856561		14
856562		10
856563		9
856564		10
856565		10
856566		7
586574		8
586575		21
586576		17
586577		28
586578		5
586579		6
586580		957
586581		6
586582		6
586583		30
586584		161
586585		1820
586586		129
586587		30
586588		26
586589		12
586590		15
586591		< 5

Analyte Symbol	Au	Au
Unit Symbol	g/tonne	ppb
Lower Limit	0.03	5
Method Code	FA-GRA	FA-AA
586592		< 5
586593		77
586594		< 5
586595		< 5
586596		< 5
586597		< 5
586598		< 5
586599		7
586600	5.61	> 5000
586601		10
586602		9
586603		10
586604		< 5
586605		6
586606		14
586607		203
586608		408
586609		192
586610		411
586611		17
586612		26
586613		8
586614		7
586615		10
586616		6
586617		9
586618		8
586619		10
586620	13.1	> 5000
586621		13
586622		7
586623		6

Analyte Symbol	Au	Au
Unit Symbol	g/tonne	ppb
Lower Limit	0.03	5
Method Code	FA-GRA	FA-AA
OREAS 229b (Fire Assay) Meas	12.0	
OREAS 229b (Fire Assay) Cert	11.9	
OREAS 238 (Fire Assay) Meas		2330
OREAS 238 (Fire Assay) Cert		3030
OREAS 238 (Fire Assay) Meas		3100
OREAS 238 (Fire Assay) Cert		3030
OREAS 238 (Fire Assay) Meas		3090
OREAS 238 (Fire Assay) Cert		3030
OREAS 238 (Fire Assay) Meas		3110
OREAS 238 (Fire Assay) Cert		3030
OREAS 257b (Fire Assay) Meas	14.3	
OREAS 257b (Fire Assay) Cert	14.2	
Oreas E1336 (Fire Assay) Meas		384
Oreas E1336 (Fire Assay) Cert		510
Oreas E1336 (Fire Assay) Meas		511
Oreas E1336 (Fire Assay) Cert		510
Oreas E1336 (Fire Assay) Meas		547
Oreas E1336 (Fire Assay) Cert		510
Oreas E1336 (Fire Assay) Meas		499
Oreas E1336 (Fire Assay) Cert		510
586414 Orig		16
586414 Dup		16
856553 Orig		6
856553 Dup		7
856557 Orig		7
856557 Dup		6
586585 Orig		1850
586585 Dup		1790
586591 Orig		< 5
586591 Split PREP DUP		< 5
586592 Orig		< 5
586592 Dup		< 5
586598 Orig		< 5
586598 Dup		< 5
586619 Orig		10

Analyte Symbol	Au	Au
Unit Symbol	g/tonne	ppb
Lower Limit	0.03	5
Method Code	FA-GRA	FA-AA
586619 Dup		10
Method Blank		< 5
Method Blank		< 5
Method Blank		< 5
Method Blank		< 5
Method Blank		< 5
Method Blank		< 5
Method Blank	< 0.03	

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-09728**
Report Date: **11-Sep-20**
Date Submitted: **20-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

36 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-08 14:04:31
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-09 18:51:07

REPORT **A20-09728**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
586415	5	
586416	8	
586417	23	
586418	13	
586419	31	
586420	> 5000	5.33
586421	36	
586422	17	
586423	445	
586424	352	
586425	196	
586426	434	
586427	3560	
586428	3070	
586429	4030	
586430	1100	
586431	4900	
586432	149	
586433	24	
586434	55	
586435	18	
586436	36	
586437	10	
586438	9	
586439	6	
586440	> 5000	12.6
586441	8	
586442	154	
586443	< 5	
586567	< 5	
586568	5	
586569	27	
586570	24	
586571	< 5	
586572	< 5	
586573	10	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		11.4
OREAS 229b (Fire Assay) Cert		11.9
OREAS 238 (Fire Assay) Meas	2890	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3010	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 257b (Fire Assay) Meas		14.1
OREAS 257b (Fire Assay) Cert		14.2
586423 Orig	407	
586423 Dup	483	
586433 Orig	23	
586433 Dup	25	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.02
Method Blank		< 0.02
Method Blank	< 5	

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-09730**
Report Date: **10-Sep-20**
Date Submitted: **20-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

22 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-08 14:06:14

REPORT **A20-09730**

Notes:

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

Footnote: Sample 586700 was Insufficient for further analyses.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
586687	26
586688	47
586689	86
586690	244
586691	97
586692	24
586693	35
586694	25
586695	9
586696	11
586697	326
586698	752
586699	2120
586700	> 5000
586701	77
586702	46
586703	25
586704	376
586705	902
586706	122
586707	< 5
586708	7

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 238 (Fire Assay) Meas	3030
OREAS 238 (Fire Assay) Cert	3030
Oreas E1336 (Fire Assay) Meas	492
Oreas E1336 (Fire Assay) Cert	510
586695 Orig	8
586695 Dup	9
586705 Orig	895
586705 Dup	909
Method Blank	< 5
Method Blank	< 5
Method Blank	
Method Blank	

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-09732**
Report Date: **15-Sep-20**
Date Submitted: **20-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

97 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-13 15:19:59

REPORT **A20-09732**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
586624	9	
586625	7	
586626	5	
586627	30	
586628	19	
586629	22	
586630	5	
586631	8	
586632	70	
586633	6	
586634	71	
586635	28	
586636	21	
586637	61	
586638	13	
586639	89	
586640	< 5	
586641	14	
586642	29	
586643	38	
586644	83	
586645	105	
586646	113	
586647	56	
586648	18	
586649	45	
586650	15	
586651	19	
586652	10	
586653	5	
586654	5	
586655	< 5	
586656	7	
586657	12	
586658	14	
586659	14	
586660	958	
586661	15	
586662	14	
586663	10	
586664	12	
586665	10	
586666	27	
586667	24	
586668	27	
586669	40	
586670	119	
586671	186	
586672	16	
586673	14	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
586674	< 5	
586675	13	
586676	13	
586677	16	
586678	14	
586679	12	
586680	> 5000	5.61
586681	162	
586682	32	
586683	32	
586684	12	
586685	103	
586686	39	
586709	36	
586710	5	
586711	7	
586712	< 5	
586713	7	
586714	5	
586715	5	
586716	< 5	
586717	74	
586718	31	
586719	< 5	
586720	< 5	
586721	8	
586722	11	
586723	15	
586724	8	
586725	7	
586726	9	
586727	6	
586728	17	
586729	9	
586730	25	
586731	10	
586732	< 5	
586733	5	
586734	6	
586735	9	
586736	15	
586737	< 5	
586738	6	
586739	< 5	
586740	919	
586741	15	
586742	6	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		12.5
OREAS 229b (Fire Assay) Cert		11.9
OREAS 238 (Fire Assay) Meas	3020	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	2990	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3060	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3080	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 257b (Fire Assay) Meas		14.6
OREAS 257b (Fire Assay) Cert		14.2
Oreas E1336 (Fire Assay) Meas	497	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	509	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	502	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	498	
Oreas E1336 (Fire Assay) Cert	510	
586642 Orig	29	
586642 Dup	28	
586646 Orig	98	
586646 Dup	128	
586667 Orig	23	
586667 Dup	24	
586673 Orig	14	
586673 Split PREP DUP	29	
586676 Orig	13	
586676 Dup	13	
586679 Orig	13	
586679 Dup	10	
586723 Orig	16	
586723 Dup	14	
586733 Orig	5	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
586733 Dup	5	
586737 Orig	< 5	
586737 Dup	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.02

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-09833**
Report Date: **14-Sep-20**
Date Submitted: **24-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

30 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-11 21:38:49

REPORT **A20-09833**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
586747	5
586748	11
586749	978
586750	31
586751	6
586813	13
586814	31
586815	9
586816	80
586817	12
586818	15
586819	23
586820	914
586821	16
586822	23
586823	30
586824	19
586825	19
586826	865
586827	1940
586828	532
586829	203
586830	129
586831	13
586832	233
586833	7
586834	6
586835	16
586836	7
586837	8

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 238 (Fire Assay) Meas	2940
OREAS 238 (Fire Assay) Cert	3030
Oreas E1336 (Fire Assay) Meas	493
Oreas E1336 (Fire Assay) Cert	510
586817 Orig	12
586817 Dup	12
586827 Orig	1950
586827 Dup	1930
586837 Orig	7
586837 Dup	8
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-09834**
Report Date: **15-Sep-20**
Date Submitted: **24-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

57 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-14 20:28:36
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	
1A4-1000 (100mesh)-Tbay	QOP AA-Au (Au-Fire Assay-Metallic Screen-1000g)	

REPORT **A20-09834**

Notes:

A representative 1000 gram split is seived at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
586875	325
586876	13
586877	< 5
586878	12
586879	30
586880	< 5
586881	467
586882	28
586883	< 5
586884	8
586885	< 5
586886	< 5
586887	< 5
586888	6
586889	93
586890	148
586891	8
586892	8
586893	20
586894	60
586895	37
586903	7
586904	9
586905	6
586906	8
586946	< 5
586947	8
586948	< 5
586949	< 5
586950	6
586951	69
586952	305
586953	1210
586954	576
586955	39
586956	21
586957	341
586969	5
586970	31
586971	7
586972	6
586973	5
586974	< 5
586975	< 5
586976	6
586977	9
586978	8
586979	< 5
586980	985
586981	6
586982	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
586983	< 5
586984	< 5
586985	38
586986	6
586987	8
586988	11

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 238 (Fire Assay) Meas	3070
OREAS 238 (Fire Assay) Cert	3030
OREAS 238 (Fire Assay) Meas	3130
OREAS 238 (Fire Assay) Cert	3030
Oreas E1336 (Fire Assay) Meas	521
Oreas E1336 (Fire Assay) Cert	510
Oreas E1336 (Fire Assay) Meas	518
Oreas E1336 (Fire Assay) Cert	510
586883 Orig	< 5
586883 Dup	6
586893 Orig	21
586893 Dup	19
586904 Orig	10
586904 Dup	8
586975 Orig	< 5
586975 Dup	< 5
586981 Orig	6
586981 Split PREP DUP	5
586984 Orig	< 5
586984 Dup	< 5
586988 Orig	10
586988 Dup	11
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-09836**
Report Date: **18-Sep-20**
Date Submitted: **24-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

57 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-14 20:37:38
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-16 13:48:48

REPORT **A20-09836**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
586896	98	
586897	320	
586898	12	
586899	6	
586900	1030	
586901	77	
586902	28	
586907	5	
586908	5	
586909	9	
586910	24	
586911	7	
586912	7	
586913	8	
586914	12	
586915	10	
586916	29	
586917	11	
586918	7	
586919	7	
586920	> 5000	5.46
586921	7	
586922	15	
586923	13	
586924	13	
586925	9	
586926	397	
586927	1790	
586928	110	
586929	15	
586930	23	
586931	15	
586932	24	
586933	14	
586934	30	
586935	34	
586936	81	
586937	114	
586938	41	
586939	43	
586940	> 5000	12.7
586941	68	
586942	928	
586943	> 5000	5.67
586944	123	
586945	25	
586958	60	
586959	6	
586960	< 5	
586961	162	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
586962	112	
586963	442	
586964	333	
586965	806	
586966	178	
586967	22	
586968	24	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		12.4
OREAS 229b (Fire Assay) Cert		11.9
OREAS 229b (Fire Assay) Meas		11.8
OREAS 229b (Fire Assay) Cert		11.9
OREAS 238 (Fire Assay) Meas	3080	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3000	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3170	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 257b (Fire Assay) Meas		14.7
OREAS 257b (Fire Assay) Cert		14.2
OREAS 257b (Fire Assay) Meas		14.4
OREAS 257b (Fire Assay) Cert		14.2
Oreas E1336 (Fire Assay) Meas	510	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	509	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	519	
Oreas E1336 (Fire Assay) Cert	510	
586908 Orig	5	
586908 Dup	5	
586918 Orig	7	
586918 Dup	7	
586922 Orig	15	
586922 Dup	15	
586943 Orig		5.72
586943 Dup		5.61
586961 Orig	162	
586961 Split PREP DUP	168	
586964 Orig	334	
586964 Dup	331	
586968 Orig	32	
586968 Dup	16	
Method Blank	< 5	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.02
Method Blank		< 0.02

Report No.: **A20-09885**
Report Date: **18-Sep-20**
Date Submitted: **24-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

29 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-16 08:49:01
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-17 15:17:45

REPORT **A20-09885**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
587146	14	
587147	8	
587148	9	
587149	19	
587150	245	
587151	30	
587152	53	
587153	216	
587154	2740	
587155	76	
587156	15	
587157	36	
587158	59	
587159	2130	
587160	> 5000	13.4
587161	1920	
587162	447	
587163	344	
587164	320	
587165	73	
587166	154	
587167	21	
587168	18	
587169	13	
587170	24	
587171	28	
587172	392	
587173	12	
587174	55	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		11.8
OREAS 229b (Fire Assay) Cert		11.9
OREAS 238 (Fire Assay) Meas	3180	
OREAS 238 (Fire Assay) Cert	3030	
Oreas E1336 (Fire Assay) Meas	529	
Oreas E1336 (Fire Assay) Cert	510	
587154 Orig	2780	
587154 Dup	2710	
587164 Orig	300	
587164 Dup	339	
587168 Orig	18	
587168 Dup	18	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.02

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-09886**
Report Date: **18-Sep-20**
Date Submitted: **24-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

25 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-14 20:28:36
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-16 14:24:12
1A4-1000 (100mesh)-Tbay	QOP AA-Au (Au-Fire Assay-Metallic Screen-1000g)	2020-09-17 15:17:29

REPORT **A20-09886**

Notes:

A representative 1000 gram split is seived at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
587065	< 5								
587066	< 5								
587067	5								
587068	6								
587069	7								
587070	9								
587071	> 5000	19.4	31.3	20.9	22.4	21.8	15.46	1076.3	1091.8
587072	435								
587073	145								
587074	23								
587075	86								
587076	184								
587077	302								
587078	129								
587079	30								
587080	> 5000	5.55							
587081	16								
587082	165								
587083	> 5000	5.46							
587084	> 5000	8.50	140	17.4	18.7	19.2	10.26	1115.7	1126.0
587085	1840								
587086	567								
587087	326								
587088	101								
587089	8								

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g
Lower Limit	5	0.02	0.03	
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.8	11.9	
OREAS 229b (Fire Assay) Cert		11.9	11.9	
OREAS 229b (Fire Assay) Meas		12.0		
OREAS 229b (Fire Assay) Cert		11.9		
OREAS 238 (Fire Assay) Meas	3160			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 257b (Fire Assay) Meas		14.2	14.3	
OREAS 257b (Fire Assay) Cert		14.2	14.2	
Oreas E1336 (Fire Assay) Meas	529			
Oreas E1336 (Fire Assay) Cert	510			
587071 Orig		20.2	21.8	1091.8
587071 Dup		18.7		
587073 Orig	147			
587073 Dup	143			
587083 Orig	> 5000			
587083 Dup	> 5000			
587087 Orig	324			
587087 Dup	327			
Method Blank	< 5			
Method Blank	< 5			
Method Blank		< 0.02		
Method Blank		< 0.02		
Method Blank			< 0.03	

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-09887**
Report Date: **30-Sep-20**
Date Submitted: **24-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

85 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-17 07:28:46
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-30 09:10:44

REPORT **A20-09887**

Notes:

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

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
587123	6	
587124	7	
587125	6	
587126	6	
587127	8	
587128	9	
587129	< 5	
587130	8	
587131	12	
587132	18	
587133	45	
587134	6	
587135	356	
587136	16	
587137	30	
587138	9	
587139	7	
587140	> 5000	6.00
587141	7	
587142	15	
587143	54	
587144	6	
587145	20	
587175	12	
587176	10	
587177	7	
587178	7	
587179	16	
587180	< 5	
587181	< 5	
587182	< 5	
587183	< 5	
587184	< 5	
587185	< 5	
587186	< 5	
587187	< 5	
587188	< 5	
587189	< 5	
587190	< 5	
587191	< 5	
587192	< 5	
587193	< 5	
587194	< 5	
587195	< 5	
587196	228	
587197	320	
587198	195	
587199	148	
587200	983	
587201	241	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
587202	16	
587203	6	
587204	< 5	
587205	< 5	
587206	5	
587207	6	
587208	< 5	
587209	173	
587210	5	
587211	< 5	
587212	7	
587213	43	
587214	13	
587215	10	
587216	15	
587217	18	
587218	10	
587219	12	
587220	> 5000	6.38
587221	9	
587222	8	
587223	9	
587224	13	
587225	11	
587226	11	
587227	10	
587228	10	
587229	16	
587230	18	
587231	11	
587232	8	
587233	6	
587234	5	
587235	7	
587236	10	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		12.4
OREAS 229b (Fire Assay) Cert		11.9
OREAS 238 (Fire Assay) Meas	2980	
OREAS 238 (Fire Assay) Meas	3030	
OREAS 238 (Fire Assay) Cert	3180	
OREAS 238 (Fire Assay) Meas	3030	
OREAS 238 (Fire Assay) Cert	3050	
OREAS 238 (Fire Assay) Meas	3030	
OREAS 238 (Fire Assay) Cert	3110	
OREAS 238 (Fire Assay) Meas	3030	
OREAS 257b (Fire Assay) Meas		14.9
OREAS 257b (Fire Assay) Cert		14.2
Oreas E1336 (Fire Assay) Meas	492	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	520	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	513	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	510	
Oreas E1336 (Fire Assay) Cert	510	
587131 Orig	11	
587131 Dup	12	
587141 Orig	7	
587141 Dup	7	
587145 Orig	15	
587145 Dup	25	
587195 Orig	< 5	
587195 Dup	< 5	
587201 Orig	241	
587201 Split PREP DUP	218	
587204 Orig	< 5	
587204 Dup	< 5	
587206 Orig	5	
587206 Dup	5	
587208 Orig	< 5	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
587208 Dup	6	
587229 Orig	15	
587229 Dup	16	
587236 Orig	11	
587236 Dup	8	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.02

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-09889**
Report Date: **18-Sep-20**
Date Submitted: **24-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

109 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-15 21:15:07

REPORT **A20-09889**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
586989	11	
586990	< 5	
586991	10	
586992	101	
586993	5	
586994	11	
586995	201	
586996	6	
586997	5	
586998	22	
586999	10	
587000	> 5000	5.67
587001	8	
587002	31	
587003	10	
587004	7	
587005	9	
587006	< 5	
587007	6	
587008	32	
587009	< 5	
587010	22	
587011	95	
587012	14	
587013	89	
587014	18	
587015	33	
587016	51	
587017	11	
587018	49	
587019	33	
587020	> 5000	14.3
587021	66	
587022	25	
587023	8	
587024	7	
587025	8	
587026	6	
587027	416	
587028	17	
587029	6	
587030	12	
587031	11	
587032	15	
587033	8	
587034	10	
587035	12	
587036	12	
587037	11	
587038	20	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
587039	24	
587040	< 5	
587041	65	
587042	6	
587043	9	
587044	8	
587045	6	
587046	13	
587047	7	
587048	< 5	
587049	5	
587050	10	
587051	6	
587052	< 5	
587053	< 5	
587054	< 5	
587055	5	
587056	8	
587057	6	
587058	11	
587059	12	
587060	971	
587061	13	
587062	41	
587063	< 5	
587064	10	
587090	5	
587091	< 5	
587092	8	
587093	8	
587094	16	
587095	17	
587096	6	
587097	< 5	
587098	< 5	
587099	15	
587100	> 5000	13.7
587101	14	
587102	17	
587103	13	
587104	18	
587105	10	
587106	16	
587107	7	
587108	33	
587109	6	
587110	13	
587111	12	
587112	8	
587113	11	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
587114	8	
587115	8	
587116	10	
587117	5	
587118	6	
587119	14	
587120	935	
587121	26	
587122	10	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		11.8
OREAS 229b (Fire Assay) Cert		11.9
OREAS 238 (Fire Assay) Meas	2950	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3190	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3170	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3160	
OREAS 238 (Fire Assay) Cert	3030	
Oreas E1336 (Fire Assay) Meas	518	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	523	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	523	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	524	
Oreas E1336 (Fire Assay) Cert	510	
586997 Orig	5	
586997 Dup	5	
587007 Orig	5	
587007 Dup	6	
587011 Orig	93	
587011 Dup	96	
587031 Orig	11	
587031 Dup	10	
587038 Orig	20	
587038 Split PREP DUP	21	
587041 Orig	64	
587041 Dup	66	
587091 Orig	6	
587091 Dup	< 5	
587101 Orig	14	
587101 Dup	14	
587105 Orig	9	
587105 Dup	10	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
587113 Orig	11	
587113 Split PREP DUP	10	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.02
Method Blank	< 5	

Report No.: **A20-10253**
Report Date: **28-Sep-20**
Date Submitted: **31-Aug-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

71 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-23 15:36:10
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-25 13:36:32

REPORT **A20-10253**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
797015	6	
797016	5	
797017	5	
797018	< 5	
797019	< 5	
797020	949	
797021	< 5	
797022	< 5	
797023	< 5	
797024	< 5	
797025	< 5	
797026	5	
797027	< 5	
797028	8	
797029	< 5	
797030	< 5	
797031	9	
797032	6	
797033	< 5	
797034	< 5	
797035	< 5	
797036	7	
797037	8	
797038	7	
797039	6	
797040	> 5000	5.76
797041	5	
797042	< 5	
797043	6	
797072	11	
797073	8	
797074	8	
797075	< 5	
797076	< 5	
797077	< 5	
797078	5	
797079	< 5	
797080	< 5	
797081	< 5	
797082	6	
797083	< 5	
797084	< 5	
797085	6	
797086	5	
797087	8	
797088	9	
797089	14	
797090	8	
797091	5	
797092	12	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
797098	< 5	
797099	< 5	
797100	1050	
797101	< 5	
797102	< 5	
797103	8	
797104	< 5	
797105	< 5	
797106	< 5	
797107	6	
797108	< 5	
797109	5	
797110	5	
797111	7	
797112	7	
797113	7	
797114	6	
797115	7	
797116	11	
797117	19	
797118	10	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		11.8
OREAS 229b (Fire Assay) Cert		11.9
OREAS 238 (Fire Assay) Meas	3150	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3150	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3130	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 257b (Fire Assay) Meas		14.5
OREAS 257b (Fire Assay) Cert		14.2
Oreas E1336 (Fire Assay) Meas	508	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	520	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	520	
Oreas E1336 (Fire Assay) Cert	510	
797023 Orig	< 5	
797023 Dup	< 5	
797033 Orig	< 5	
797033 Dup	< 5	
797037 Orig	8	
797037 Dup	7	
797086 Orig	5	
797086 Dup	5	
797092 Orig	12	
797092 Split PREP DUP	9	
797101 Orig	< 5	
797101 Dup	< 5	
797104 Orig	< 5	
797104 Dup	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.02
Method Blank	< 5	

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10328**
Report Date: **28-Sep-20**
Date Submitted: **01-Sep-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

88 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-24 09:00:11
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-25 13:36:32

REPORT **A20-10328**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
764267	> 5000	6.93
764268	712	
764269	59	
764270	22	
764271	178	
764272	170	
764273	514	
764274	189	
764275	21	
764276	49	
764277	66	
764278	12	
764279	12	
764280	> 5000	13.1
764281	19	
764282	24	
764283	10	
764284	10	
764285	15	
764286	11	
764287	15	
764288	9	
764289	53	
764290	99	
764300	< 5	
764301	10	
764302	10	
764303	8	
764304	8	
764305	9	
764306	188	
764307	86	
764314	30	
764315	175	
764316	9	
764317	5	
764318	5	
764319	5	
764320	979	
764321	< 5	
764322	< 5	
764323	6	
764324	5	
764325	< 5	
764326	< 5	
764327	13	
764328	23	
764329	94	
764330	16	
764331	8	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
764332	< 5	
764333	5	
764334	203	
764335	< 5	
764336	< 5	
764337	< 5	
764338	< 5	
764339	< 5	
764340	> 5000	5.57
764341	7	
764342	8	
764343	7	
764344	8	
764345	6	
764346	5	
764347	5	
764348	< 5	
764349	7	
764350	< 5	
764351	5	
764352	< 5	
764353	< 5	
764354	< 5	
764355	< 5	
764356	< 5	
764357	8	
764358	< 5	
764359	5	
764360	> 5000	13.3
764361	7	
764362	< 5	
764363	< 5	
764364	< 5	
764365	< 5	
764366	< 5	
764367	< 5	
764368	6	
764369	< 5	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		11.8
OREAS 229b (Fire Assay) Cert		11.9
OREAS 238 (Fire Assay) Meas	3020	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	2960	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3030	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 257b (Fire Assay) Meas		14.5
OREAS 257b (Fire Assay) Cert		14.2
Oreas E1336 (Fire Assay) Meas	503	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	515	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	504	
Oreas E1336 (Fire Assay) Cert	510	
764267 Orig		6.88
764267 Dup		6.97
764275 Orig	18	
764275 Dup	24	
764285 Orig	14	
764285 Dup	15	
764289 Orig	49	
764289 Dup	57	
764325 Orig	< 5	
764325 Dup	< 5	
764331 Orig	8	
764331 Split PREP DUP	8	
764334 Orig	218	
764334 Dup	187	
764338 Orig	< 5	
764338 Dup	5	
764359 Orig	5	
764359 Dup	5	
764369 Orig	< 5	
764369 Dup	< 5	
Method Blank	< 5	
Method Blank	< 5	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.02

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10345**
Report Date: **28-Sep-20**
Date Submitted: **01-Sep-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

85 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-23 20:33:18
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-25 13:36:05

REPORT **A20-10345**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
797350	< 5	
797351	< 5	
797352	7	
797353	5	
797354	< 5	
797355	32	
797356	42	
797357	38	
797358	16	
797359	10	
797360	> 5000	5.66
797361	3780	3.74
797362	13	
797363	10	
797364	8	
797365	6	
797366	7	
797367	6	
797368	7	
797369	7	
797370	< 5	
797371	15	
797372	13	
797373	6	
797374	100	
797375	63	
797376	838	
797377	180	
797378	19	
797379	11	
797380	> 5000	13.0
797381	6	
797382	33	
797383	289	
797384	5	
797385	< 5	
797386	16	
797387	1290	
797388	10	
797412	10	
797413	< 5	
797414	< 5	
797415	7	
797416	9	
797417	102	
797418	60	
797419	21	
797420	935	
797421	88	
797422	176	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
797423	15	
797424	17	
797425	23	
797426	< 5	
797427	10	
797428	7	
797429	17	
797430	15	
797431	49	
797432	14	
797433	8	
797434	7	
797435	< 5	
797436	30	
797437	< 5	
797438	7	
797439	5	
797440	> 5000	5.63
797441	< 5	
797442	< 5	
797443	< 5	
797444	< 5	
797445	7	
797446	< 5	
797447	< 5	
797448	9	
797449	31	
797450	< 5	
797451	6	
797452	8	
797453	8	
797454	6	
797455	7	
797456	< 5	
797457	< 5	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		12.1
OREAS 229b (Fire Assay) Cert		11.9
OREAS 238 (Fire Assay) Meas	3070	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	2990	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3040	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 257b (Fire Assay) Meas		14.7
OREAS 257b (Fire Assay) Cert		14.2
Oreas E1336 (Fire Assay) Meas	517	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	490	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	499	
Oreas E1336 (Fire Assay) Cert	510	
797358 Orig	15	
797358 Dup	16	
797368 Orig	7	
797368 Dup	7	
797372 Orig	12	
797372 Dup	14	
797416 Orig	10	
797416 Dup	8	
797422 Orig	176	
797422 Split PREP DUP	174	
797425 Orig	23	
797425 Dup	22	
797429 Orig	17	
797429 Dup	17	
797450 Orig	< 5	
797450 Dup	< 5	
797457 Orig	< 5	
797457 Dup	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
Method Blank	< 5	
Method Blank		< 0.02
Method Blank		< 0.02

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10368**
Report Date: **30-Sep-20**
Date Submitted: **01-Sep-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

101 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-28 10:14:44
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-30 09:11:35

REPORT **A20-10368**

Notes:

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

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
797458	7	
797459	10	
797460	> 5000	13.6
797461	10	
797462	5	
797463	< 5	
797464	9	
797465	8	
797466	8	
797467	8	
797468	8	
797469	9	
797470	21	
797471	8	
797472	6	
797473	< 5	
797474	< 5	
797475	5	
797476	6	
797477	< 5	
797478	5	
797479	7	
797480	< 5	
797481	408	
797482	11	
797483	< 5	
797484	7	
797485	7	
797486	5	
797487	< 5	
797488	< 5	
797489	< 5	
797490	12	
797491	< 5	
797492	< 5	
797493	20	
797494	13	
797495	5	
797496	6	
797497	8	
797498	71	
797499	144	
797500	990	
764001	6	
764002	6	
764003	6	
764004	9	
764005	13	
764006	11	
764007	6	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
764008	10	
764009	10	
764010	26	
764011	164	
764012	132	
764013	11	
764014	6	
764015	5	
764016	< 5	
764017	10	
764018	18	
764019	15	
764020	> 5000	5.78
764021	9	
764022	19	
764023	< 5	
764024	11	
764025	12	
764026	15	
764027	9	
764028	8	
764029	9	
764030	9	
764031	8	
764032	19	
764033	10	
764034	8	
764035	17	
764036	18	
764037	7	
764038	18	
764039	15	
764040	> 5000	13.3
764041	25	
764042	40	
764043	15	
764058	14	
764059	23	
764060	< 5	
764061	32	
764062	103	
764063	20	
764064	18	
764065	80	
764066	6	
764067	< 5	
764068	9	
764054	1590	
764055	435	
764056	351	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
764057	59	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		12.3
OREAS 229b (Fire Assay) Cert		11.9
OREAS 238 (Fire Assay) Meas	3140	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3130	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3110	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 257b (Fire Assay) Meas		14.8
OREAS 257b (Fire Assay) Cert		14.2
Oreas E1336 (Fire Assay) Meas	527	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	520	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	518	
Oreas E1336 (Fire Assay) Cert	510	
797466 Orig	6	
797466 Dup	9	
797476 Orig	5	
797476 Dup	6	
797480 Orig	< 5	
797480 Dup	< 5	
764001 Orig	7	
764001 Dup	5	
764007 Orig	6	
764007 Split PREP DUP	7	
764010 Orig	27	
764010 Dup	24	
764014 Orig	6	
764014 Dup	5	
764035 Orig	17	
764035 Dup	17	
764059 Orig	23	
764059 Dup	22	
764063 Orig	20	
764063 Dup	19	
764056 Orig	351	
764056 Split	266	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
PREP DUP		
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.02

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10397**
Report Date: **30-Sep-20**
Date Submitted: **01-Sep-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

25 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-28 13:58:36
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-30 09:11:35

REPORT **A20-10397**

Notes:

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

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
797275	519	
797276	70	
797277	< 5	
797278	48	
797279	715	
797280	> 5000	5.72
797281	1000	
797282	1190	
797283	725	
797284	249	
797285	46	
797286	540	
797287	678	
797288	1130	
797289	1130	
797290	2580	
797291	542	
797292	431	
797293	285	
797294	710	
797295	73	
797296	104	
797297	110	
797298	296	
797299	14	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		12.3
OREAS 229b (Fire Assay) Cert		11.9
OREAS 238 (Fire Assay) Meas	3170	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 257b (Fire Assay) Meas		14.8
OREAS 257b (Fire Assay) Cert		14.2
Oreas E1336 (Fire Assay) Meas	525	
Oreas E1336 (Fire Assay) Cert	510	
797283 Orig	722	
797283 Dup	728	
797293 Orig	309	
797293 Dup	260	
Method Blank	< 5	
Method Blank		< 0.02

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10398**
Report Date: **30-Sep-20**
Date Submitted: **01-Sep-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

5 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-28 13:58:36
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-30 09:11:35

REPORT **A20-10398**

Notes:

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

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
764157	116	
764158	414	
764159	842	
764160	1030	
764161	> 5000	8.69

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		12.3
OREAS 229b (Fire Assay) Cert		11.9
OREAS 238 (Fire Assay) Meas	3080	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 257b (Fire Assay) Meas		14.8
OREAS 257b (Fire Assay) Cert		14.2
Oreas E1336 (Fire Assay) Meas	530	
Oreas E1336 (Fire Assay) Cert	510	
764159 Orig	859	
764159 Dup	824	
Method Blank	< 5	
Method Blank		< 0.02

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10450**
Report Date: **30-Sep-20**
Date Submitted: **02-Sep-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

18 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-29 17:28:57

REPORT **A20-10450**

Notes:

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

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
764501	194
764502	254
764503	269
764504	308
764505	615
764506	824
764507	172
764508	107
764509	485
764510	472
764511	635
764512	631
764513	164
764514	236
764515	2300
764516	171
764517	316
764518	763

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 238 (Fire Assay) Meas	3030
OREAS 238 (Fire Assay) Cert	3030
Oreas E1336 (Fire Assay) Meas	499
Oreas E1336 (Fire Assay) Cert	510
764509 Orig	474
764509 Dup	496
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10860**
Report Date: **28-Sep-20**
Date Submitted: **10-Sep-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

82 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-23 17:26:34
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-25 13:36:05

REPORT **A20-10860**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
763075	5	
763076	5	
763077	6	
763078	7	
763079	8	
763080	> 5000	13.3
733085	12	
733086	8	
733087	42	
733088	12	
733089	48	
733090	22	
733091	22	
733092	45	
733093	15	
733094	59	
733095	40	
733096	16	
733097	36	
733098	< 5	
733099	289	
733100	< 5	
733101	42	
733102	114	
733103	62	
733104	13	
733105	9	
733106	29	
733107	16	
733108	17	
733109	33	
733110	34	
733111	21	
763117	19	
763118	10	
763119	9	
763120	952	
763121	12	
763122	17	
763123	13	
763124	7	
763125	< 5	
763126	< 5	
763127	23	
763128	< 5	
763129	6	
763130	5	
763131	< 5	
763132	7	
763133	6	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
763134	< 5	
763135	< 5	
763136	< 5	
763137	< 5	
763138	9	
763139	< 5	
763140	> 5000	5.70
763141	< 5	
763142	< 5	
763143	5	
763144	5	
763160	> 5000	13.4
763161	8	
763162	5	
763163	< 5	
763164	< 5	
763165	< 5	
763166	5	
763167	< 5	
763168	< 5	
763169	5	
763170	11	
763171	< 5	
763172	5	
763173	23	
763178	6	
763179	5	
763180	< 5	
763181	34	
763182	8	
763183	9	
763184	< 5	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		12.1
OREAS 229b (Fire Assay) Cert		11.9
OREAS 238 (Fire Assay) Meas	3140	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3130	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3080	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 257b (Fire Assay) Meas		14.7
OREAS 257b (Fire Assay) Cert		14.2
Oreas E1336 (Fire Assay) Meas	514	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	506	
Oreas E1336 (Fire Assay) Cert	510	
733087 Orig	44	
733087 Dup	40	
733097 Orig	37	
733097 Dup	35	
733101 Orig	39	
733101 Dup	44	
763127 Orig	21	
763127 Dup	24	
763133 Orig	6	
763133 Split PREP DUP	6	
763136 Orig	< 5	
763136 Dup	< 5	
763141 Orig	< 5	
763141 Dup	< 5	
763180 Orig	< 5	
763180 Dup	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.02
Method Blank		< 0.02

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10862**
Report Date: **28-Sep-20**
Date Submitted: **10-Sep-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

36 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-23 19:57:30
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-25 13:36:05
1A4-1000 (100mesh)-Tbay	QOP AA-Au (Au-Fire Assay-Metallic Screen-1000g)	2020-09-25 17:26:23

REPORT **A20-10862**

Notes:

A representative 1000 gram split is seived at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
587483	714								
587484	492								
587485	> 5000	14.5	224	20.6	20.8	23.2	12.18	976.01	988.19
587486	3780								
587487	65								
587488	207								
587489	58								
587490	707								
587491	1350								
587492	15								
587493	15								
587498	< 5								
587499	6								
587500	> 5000	5.67							
763001	157								
763002	962								
763003	5								
763004	< 5								
763005	< 5								
763016	8								
763017	5								
763018	53								
763019	67								
763020	< 5								
763021	154								
763022	78								
763023	849								
763024	77								
763025	38								
763026	39								
763069	12								
763070	24								
763071	28								
763072	21								
763073	35								
763074	17								

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g
Lower Limit	5	0.02	0.03	
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		12.1	12.1	
OREAS 229b (Fire Assay) Cert		11.9	11.9	
OREAS 238 (Fire Assay) Meas	3110			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 238 (Fire Assay) Meas	3100			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 238 (Fire Assay) Meas	3080			
OREAS 238 (Fire Assay) Cert	3030			
OREAS 257b (Fire Assay) Meas		14.7	14.2	
OREAS 257b (Fire Assay) Cert		14.2	14.2	
Oreas E1336 (Fire Assay) Meas	508			
Oreas E1336 (Fire Assay) Cert	510			
Oreas E1336 (Fire Assay) Meas	515			
Oreas E1336 (Fire Assay) Cert	510			
Oreas E1336 (Fire Assay) Meas	526			
Oreas E1336 (Fire Assay) Cert	510			
587491 Orig	1340			
587491 Dup	1360			
763005 Orig	< 5			
763005 Dup	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank		< 0.02		
Method Blank		< 0.02		
Method Blank	< 5			
Method Blank			< 0.03	

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10885**
Report Date: **28-Sep-20**
Date Submitted: **11-Sep-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

75 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-23 15:36:10
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-25 13:36:32

REPORT **A20-10885**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
587464	14	
587465	25	
587466	22	
587467	1160	
587468	26	
587469	52	
587470	18	
587471	31	
587472	8	
587473	8	
587474	40	
587475	35	
587476	11	
587477	27	
587478	12	
587479	28	
587480	> 5000	13.1
587481	34	
587482	33	
587494	16	
587495	8	
587496	44	
587497	12	
763006	5	
763007	< 5	
763008	5	
763009	< 5	
763010	10	
763011	6	
763012	5	
763013	7	
763014	24	
763015	21	
763027	17	
763028	7	
763029	15	
763030	20	
763031	41	
763032	30	
763033	41	
763034	1320	
763035	38	
763036	276	
763037	15	
763038	5	
763039	10	
763040	984	
763041	6	
763042	7	
763043	< 5	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
763044	< 5	
763045	< 5	
763046	52	
763047	5	
763048	< 5	
763049	5	
763050	9	
763051	13	
763052	11	
763053	8	
763054	13	
763055	10	
763056	6	
763057	9	
763058	6	
763059	< 5	
763060	> 5000	5.53
763061	< 5	
763062	13	
763063	27	
763064	6	
763065	5	
763066	< 5	
763067	25	
763068	18	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		11.8
OREAS 229b (Fire Assay) Cert		11.9
OREAS 238 (Fire Assay) Meas	3150	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3100	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3080	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3100	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 257b (Fire Assay) Meas		14.5
OREAS 257b (Fire Assay) Cert		14.2
Oreas E1336 (Fire Assay) Meas	508	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	513	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	516	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	518	
Oreas E1336 (Fire Assay) Cert	510	
587472 Orig	8	
587472 Dup	8	
587482 Orig	36	
587482 Dup	30	
587497 Orig	12	
587497 Dup	12	
763037 Orig	16	
763037 Dup	13	
763043 Orig	< 5	
763043 Split PREP DUP	< 5	
763050 Orig	8	
763050 Dup	9	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.02
Method Blank	< 5	

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10887**
Report Date: **28-Sep-20**
Date Submitted: **11-Sep-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

21 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-25 12:39:31

REPORT **A20-10887**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
763338	< 5
763339	< 5
763340	< 5
763341	< 5
763342	< 5
763343	63
763344	3330
763345	2110
763346	976
763347	1930
763348	1320
763349	3180
763350	1120
763351	13
763352	43
763353	26
763370	< 5
763371	< 5
763372	< 5
763373	< 5
763374	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 238 (Fire Assay) Meas	3060
OREAS 238 (Fire Assay) Cert	3030
Oreas E1336 (Fire Assay) Meas	512
Oreas E1336 (Fire Assay) Cert	510
763346 Orig	981
763346 Dup	971
763372 Orig	< 5
763372 Dup	5
Method Blank	< 5

Report No.: **A20-10891**
Report Date: **28-Sep-20**
Date Submitted: **11-Sep-20**
Your Reference: **KES-HUR**

Fladgate Exploration
278 Bay St.
Thunder Bay ON P7B 1R8
Canada

ATTN: Caitlin Jeffs

CERTIFICATE OF ANALYSIS

89 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-09-24 10:42:02
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-25 13:36:32

REPORT **A20-10891**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
763185	< 5	
763186	< 5	
763187	< 5	
763188	6	
763189	< 5	
763190	< 5	
763191	17	
763192	5	
763193	< 5	
763194	< 5	
763195	12	
763196	8	
763197	8	
763207	12	
763208	6	
763209	36	
763210	15	
763211	7	
763212	5	
763213	7	
763214	7	
763215	5	
763223	14	
763224	6	
763225	8	
763226	12	
763227	48	
763228	265	
763229	18	
763230	32	
763231	533	
763232	110	
763233	38	
763234	39	
763235	37	
763236	24	
763237	10	
763238	28	
763239	13	
763240	> 5000	13.2
763241	17	
763242	11	
763243	14	
763244	20	
763245	13	
763246	6	
763247	37	
763248	8	
763249	7	
763250	7	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
763251	22	
763252	10	
763253	6	
763254	11	
763255	115	
763256	13	
763257	108	
763258	51	
763259	< 5	
763260	< 5	
763261	17	
763262	58	
763263	6	
763290	116	
763291	127	
763292	95	
763293	8	
763294	5	
763295	< 5	
763296	5	
763297	< 5	
763298	< 5	
763299	6	
763300	> 5000	5.57
763301	6	
763302	5	
763303	< 5	
763304	< 5	
763305	< 5	
763306	< 5	
763307	< 5	
763308	< 5	
763309	< 5	
763310	< 5	
763311	< 5	
763312	< 5	
763313	5	
763314	< 5	
763315	7	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		11.8
OREAS 229b (Fire Assay) Cert		11.9
OREAS 238 (Fire Assay) Meas	2910	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3060	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3050	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 257b (Fire Assay) Meas		14.5
OREAS 257b (Fire Assay) Cert		14.2
Oreas E1336 (Fire Assay) Meas	497	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	511	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	511	
Oreas E1336 (Fire Assay) Cert	510	
763193 Orig	< 5	
763193 Dup	< 5	
763212 Orig	5	
763212 Dup	5	
763223 Orig	14	
763223 Dup	13	
763244 Orig	22	
763244 Dup	18	
763250 Orig	7	
763250 Split PREP DUP	10	
763253 Orig	6	
763253 Dup	5	
763257 Orig	108	
763304 Orig	< 5	
763304 Dup	< 5	
763314 Orig	< 5	
763314 Dup	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
Method Blank	< 5	
Method Blank		< 0.02