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Technical Report for MNDM Assessment Purposes, 2017 Prospecting and Trenching Program

Huronian Property

Moss Township, Thunder Bay Mining Division
Ontario, Canada

Prepared For:

Kesselrun Resources Ltd.

August 26, 2019
Revised December 2nd, 2019

Prepared By:
Leah Clapp

Fladgate Exploration
consulting corporation

1 Contents

2 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 an exploration program on its Huronian Property starting July 3rd, 2017. Fladgate provided all the required geological, geotechnical, and sub-contractor services on the program described herein. The exploration program consisted of historic diamond drill hole validation, prospecting, structural mapping, mechanized stripping, and channel sampling. Work was interrupted by the winter snowfall at the end of October 2017, at which point report writing and assay data analysis was undertaken. Field work commenced again in May 2017 with continuation of channel sampling.

A work permit was issued to Kesselrun Resources Ltd. No. PR-16-10918 valid 2016/09/08-2019/09/07 covering claim/lease/license of occupation numbers:

677468 677469 677470 677471 677472 677473 677474 677475 677476 677477 677478 677479 786521 786522 786523 786524 786525 786526 786527 786528 786529 786541 786542 786543 786544 786545 813157 813158 813159 813160 813161 813162 813163 813164 813165 813166 835178 835179 835184 835185 835186 835187 835188 835189 835190 835195 835196 835197 835304 835305 835306 835307 835308 835309 835310 835311 835312 835313 863760 873515 873516 873517 873518 873519 873520 873522 1022635 1022636 1022637 1135465 1135466 1157496 1157497 1157666 1157667 1157668 1157670 1157671 1164874 1164875 1164876 1164877 1172315 1172316 1172317 1172340 1172345 1172346 1172347 1172348 1172349 1172350 1172355 1172356 1172365 1172366 1172367 1172368 1172369 1172375 1172385 1172386 1172387 1172388 1172395 1172396 1195937 1195940 1196147 1196239 1196240 1196870 1196921 1196923 1196924 1202036 1202264 1202265 1202302 1205201 1205202 1205203 1205204 1205287 1209440 1209441 1209470 1209697 1209698 1209770 1210243 1210245 1210776 1210792 1215147 1215148 1215149 1215450 1215451 1215452 1215453 1215454 1215751 1215752 1215758 1215760 1215831 1215859 1217105 1224629 3001505 3001506 3001507 4000439 4000001 4040116 4040116 4282611

3 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.

4 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.

5 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). The property is centered on UTM coordinates 665,000 mE, 5,380,000 mN (NAD83 Zone 15N), and consists of 154 contiguous unpatented mining claims and 4 patents. The property is situated within NTS map sheet 52B/10 and covers 5163 hectares (Figure 1). A list of all claims and patents comprising the Huronian Property is provided in **Table 1** and **Table 2**. The mineral rights for all claims and patents are wholly owned by Kesselrun, as well as the surface rights to the 2 patents covering the historic Ardeen mine.

Table 1 – List of 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.
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.

Legacy Claim ID	Claim Number	Township	Units	Ha	Recording Date	Claim Due Date	% Option	Ownership
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.
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.
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.

Legacy Claim ID	Claim Number	Township	Units	Ha	Recording Date	Claim Due Date	% Option	Ownership
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 2 – List of Huronian Patents

Township	Name	G number	Area (ha)	Anniversary Date	Description	Units
MOSS	33B	G-4000001	129.55	January 1, 2020	Surface and Mining rights (#62311-011)	8.0969
MOSS	1H					
MOSS	A6	G-4040116	274.79	January 1, 2020	Mining rights (#62311-010)	17.1744
MOSS	A7					

Figure 1 – Huronian Property

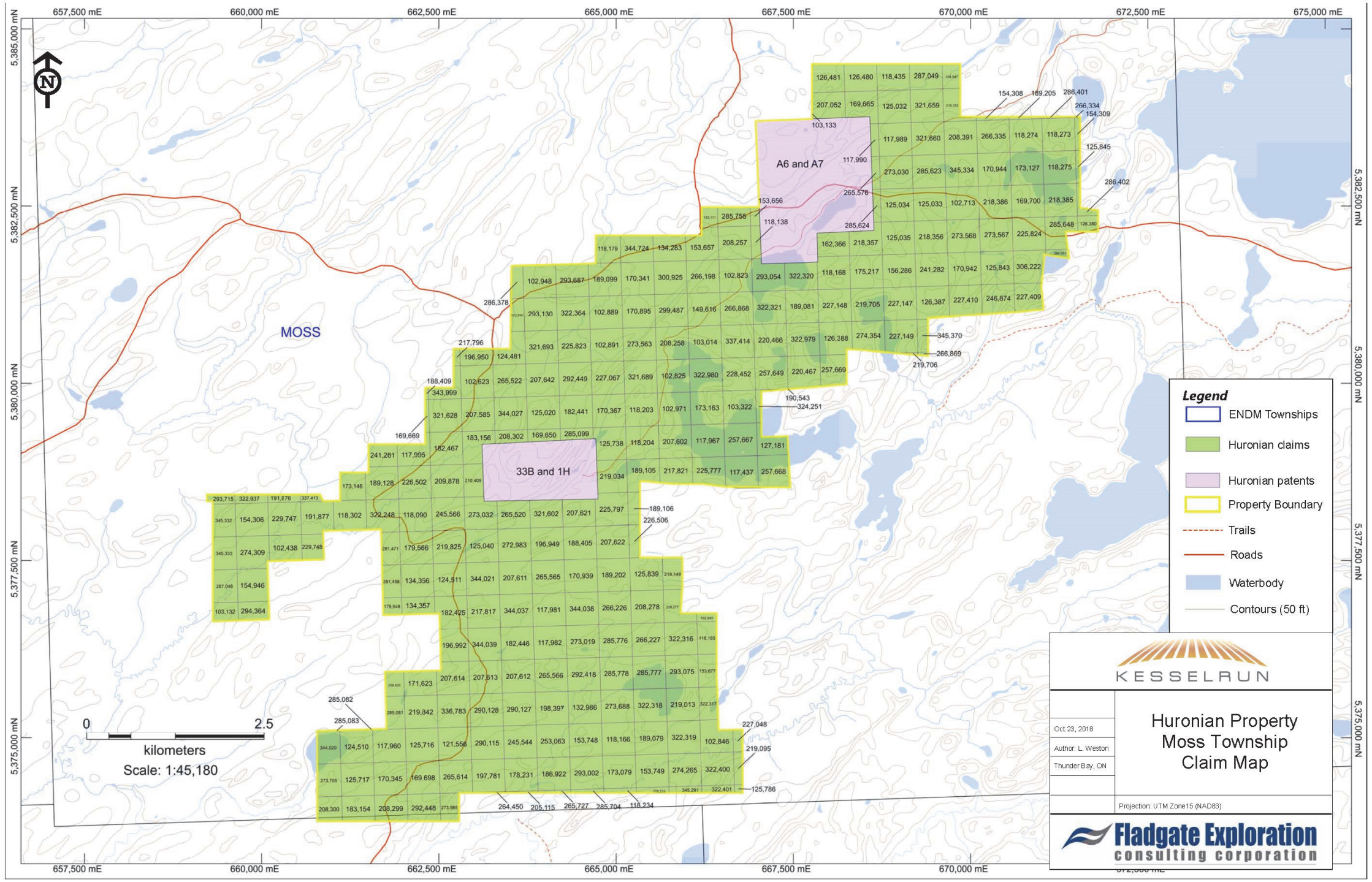

Figure 2 – Huronian Claim Map

6 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 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 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.

7 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.

8 Geological Setting

8.1 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 3**.

8.1.1 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.

8.1.2 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.

8.1.3 *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).

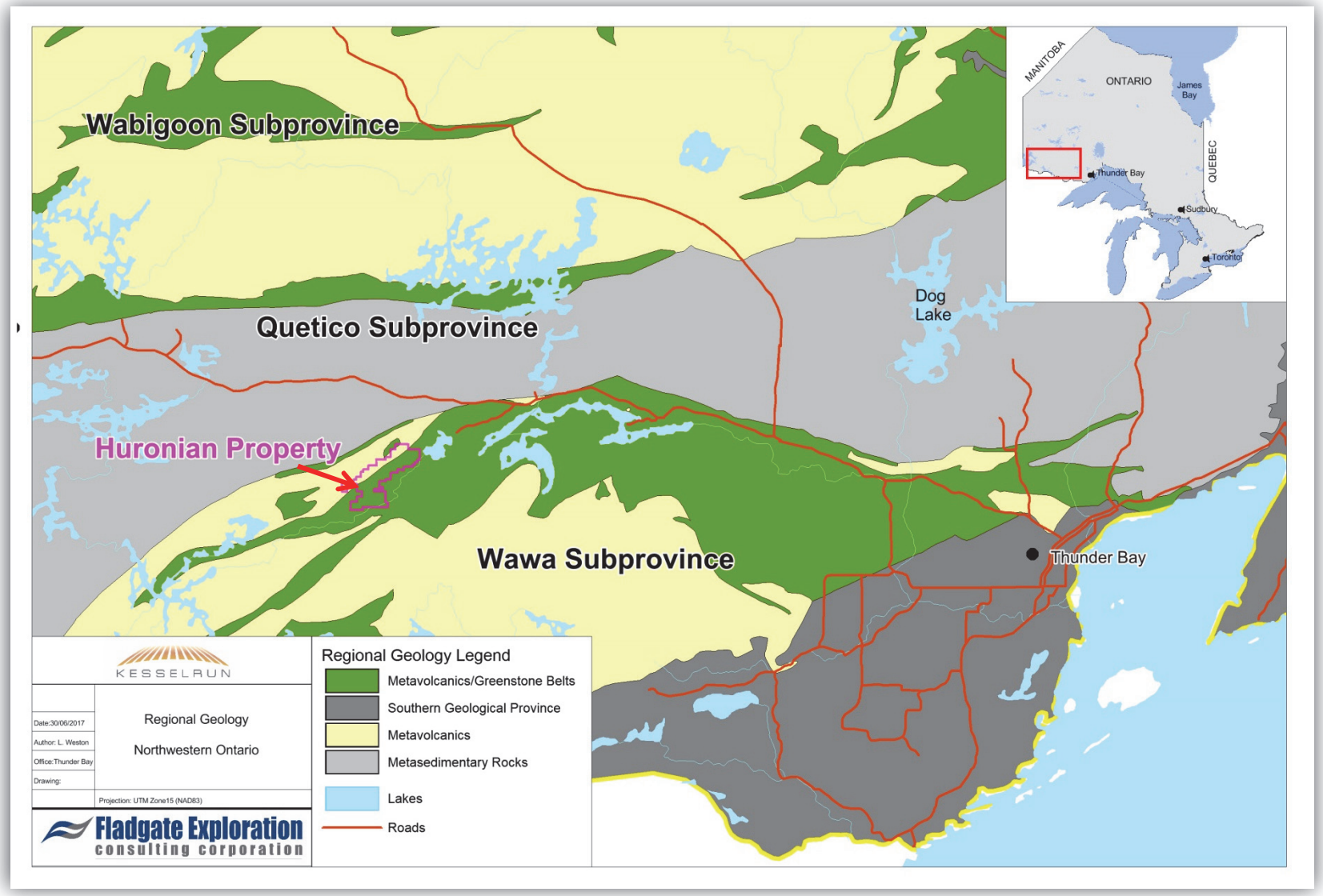

Figure 3 – Regional Geology

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).

8.2 Local Geology

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 3.**

8.2.1 *Moss Township Area/Huronian Property*

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.

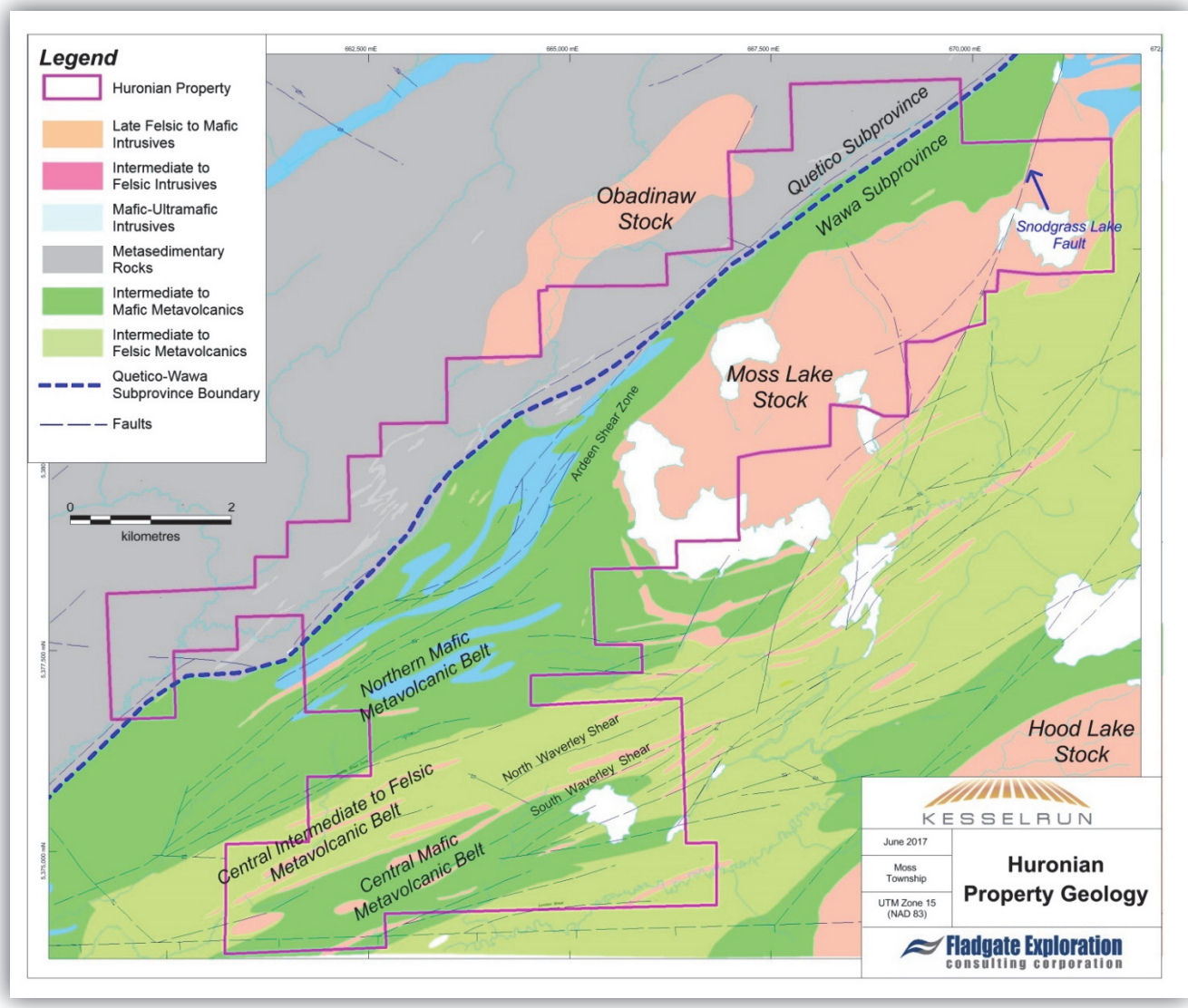

Figure 4 – Huronian Property Geology

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.

9 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).

9.1 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.

9.2 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.

9.3 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.

10 Current Program

10.1 Current Program

Prospecting and grab sampling for the Huronian 2017 program began July 3rd when geologists Steve Grenier and Jesse Koroscil began mapping and collecting samples along with geotechs Mercedes Rich and Aaron Veldstra. Grab samples were collected until September 18th. Steve Hamer began trenching on August 14th, 2017 and finished September 25th, 2017. Washing of trenches, trench mapping and channel sampling continued until October 31st, 2017, while report writing finished December 5th, 2017. Full personnel time logs can be found below in Table 3.

Table 3 – Personnel Logs

Name	Working Title	Responsibilities	From/To Dates on Project
Steve Grenier	Project Geologist	Geological Mapping/Project Management	July 30th 2017-October 28th 2017
Jesse Koroscil	Project Geologist	Mapping/Collecting Grab Samples/Channel Sampling	July 10th 2017-December 4th 2017
Aaron Veldstra	Geotech	Assisting Geologist/Cutting Channels/Washing Trenches	July 3rd 2017-September 9th 2017
Mercedes Rich	Geotech	Assisting Geologist/Cutting Channels/Washing Trenches	July 3rd 2017-July 28th 2017
Lesley Weston	Senior Geologist	Report Writing/GIS	July 17th 2017-December 5th 2017
Carli Nap	Geotech	Assisting Geologist/Cutting Channels/Washing Trenches	July 20th 2017-July 23rd 2017
Michael Garrett	Geotech	Assisting Geologist/Cutting Channels/Washing Trenches	July 10th 2017-July 18th 2017
Alan Rich	Project Geologist	Geological Mapping/Project Management	August 7th 2017-August 25th 2017
Steve Hamer	Excavator Operator	Trenching	August 14th 2017-September 25th 2017

Name	Working Title	Responsibilities	From/To Dates on Project
Dave Clement	Geotech	Assisting Geologist/Cutting Channels/Washing Trenches	September 13th 2017-October 31st 2017
Daniel Darah	Geotech	Assisting Geologist/Cutting Channels/Washing Trenches	September 13th 2017-October 31st 2017
Ryan Green	Assistant Geologist	Assisting Geologist	September 18th 2017-October 31st 2017
John Sapay	Geotech	Assisting Geologist/Cutting Channels/Washing Trenches	October 2nd 2017-October 31st 2017
Daniel Busch	Geotech	Assisting Geologist/Cutting Channels/Washing Trenches	September 19th 2017-October 13th 2017
Sam Wigmore	Project Geologist	Geological Mapping/Project Management	October 3rd 2017-October 21st 2017
James Farquarson	Geotech	Assisting Geologist/Cutting Channels/Washing Trenches	October 3rd 2017-October 24th 2017
Niel Pettigrew	Senior Geologist	Report Writing	December 2nd 2016-January 8th 2017
Ben Kuzmich	Project Geologist	Report Writing	December 2nd 2016-December 17th 2017

10.2 Prospecting and Grab Sampling

Prospecting activities for this program largely focused in the central portion of the claims. Commencing July 3rd geologists Steve Grenier and Jesse Koroscil began mapping and collecting grab samples. Grab samples were collected continuously until September 18th and submitted to the lab on August 22nd (50 samples), August 31st (47 samples), September 11th (28 samples), September 17th (46 samples) and September 27th (95 samples). Location of all grab samples can be found in Figures 5-12. Historic showings were validated, and areas with higher potential for new discoveries were investigated. Data such as lithology, alteration, structure, and overall rock description were collected for each sample where possible a description of each sample can be found in appendix I, Table 9. Samples were then analyzed for Au and other elements, full results can be found in Appendix I – Prospecting Sample Descriptions, Table 9.

10.3 Mechanized Stripping and Channel Sampling

The trenching program largely focused on exposing the known occurrences along the Ardeen trend in order to better understand the structural controls on mineralization. Channels were marked out along each trench and cut using methods described below. Trenching began August 14th and finished on September 25th. Channel samples were submitted to the lab on September 27th, 2017 (117 samples), October 4th, 2017 (110 samples), October 6th, 2017 (103 samples), October 13th, 2017 (136 samples) and October 23rd, 2017 (297 samples). Trench and all sample locations can be found in figures 14-22. Significant assay results can be seen below in table 5 and full assay results can be found in Appendix III – Channel Sample Information, Table 11.

11 Sampling and Analytical Methods

11.1 Grab Sampling Methods

Grab samples were collected by geologists Stephen Grenier and Jesse Koroscil by breaking off a representative sample using a hammer, writing the corresponding sample number from the booklet onto the sample bag, putting a fist-sized sample in the bag, inserting the tag into the bag, taking an outcrop picture with the sample number on the scalebar, and finally taking an outcrop picture and texture picture with the field camera. Data such as lithology, alteration, and structural measurements, along with a complete description were collected where possible. Using flagging tape, the location of the sample was marked on the ground and in a tree above, in order to be able to find it again. Grabs in their sample bags were combined into rice bags and transported by Fladgate personnel to ActLabs Lab in Thunder Bay and analyzed for Au using the following codes: ALP1 (prep), ALFA2 (fire assay 50 g), ALFA7 (gravimetric; if needed), and for Ag using ALMA1 (ICP-AES). Pulps are securely stored at Fladgate Exploration in Thunder Bay.

11.2 Channel Sample Preparation, Analytical Methods, and QA/QC

Channels were marked on outcrops using spray paint and measuring tape, chosen to represent all lithologies, and both altered and unaltered rocks by Fladgate geologists Steve Grenier and Jesse Koroscil. Two parallel lines were cut in the outcrop roughly 1.5” apart and 3” deep, between 30 cm and 1.3 m in length, using a Stihl TS/700 concrete cut-off saw. Samples were chipped out of the channel using a chisel and 5 lb hammer, and sampled roughly every meter, with samples chosen to represent changes in lithology rather than sampling on a discrete grid. Aluminum sample tags were inserted into the channel corresponding to samples taken, and the entire sample length was sampled. The lab sample tag corresponding to the field tag was placed into the sample bag and secured with a zip tie. The outside of the sample bag was also labeled with the sample number.

Samples were transported from site by Fladgate personnel and delivered directly to the analytical laboratory. ActLabs analyzed the channel sample. Gold was analyzed by taking a 50 g pulverized sample through fire assay (FA) and atomic absorption finish (AAS) with a detection limit of 5 ppb. A complimentary Ag analysis was performed using a 0.25 g split digested with aqua regia and ICP-AES (or ICP-OES at Actlabs) finish with a detection limit of 0.2 ppm.

A QA/QC protocol was applied to this sampling program in order to ensure accuracy and reproducibility. Independent of the assay lab, gold-bearing standards and blanks were inserted every 20th sample into the sample stream using the same numbering sequence, alternating between standard and blank. The standards were inserted in a rotation of high, medium, and low concentration.

12 Results

12.1 Prospecting

A total of 264 grab samples were collected across the Huronian Property during the 2017 field season. Samples were analyzed for Au and Ag using the above-mentioned analytical techniques at ActLabs in Thunder Bay, ON. Sample coordinates, type, lithology, mineralization, and structural details are presented in along with Au and Ag assay values. The locations of all grab samples taken during the 2017 field season are illustrated in figures 5-12. Assay certificates corresponding to the prospecting samples can be found in Appendix I – Prospecting Sample Descriptions.

A summary of the prospecting grab sample location can be found below.

Table 4 – Locations of grab samples

Claim	No of Samples	% of Work Done
PAT-15491	34	12.88
PAT-15492	132	50.00
125738	16	6.06
118204	11	4.17
118203	13	4.92
170367	27	10.23
321689	3	1.14
182441	16	6.06
117995	1	0.38
343999	1	0.38
124481	1	0.38
102890	1	0.38
154306	1	0.38
103132	1	0.38
281471	1	0.38
272983	1	0.38
171623	1	0.38
170942	1	0.38
118273	1	0.38

Claim	No of Samples	% of Work Done
118275	1	0.38

Several high anomalous gold bearing samples were identified during the prospecting program. Sample 468877 (Appendix I – Prospecting Sample Descriptions) returned values of 2.36 Au within a massive basalt outcrop with minor shearing. Sample he is local float. Host is basalt w/ weak ankerite, trace pyrite, weak hematite and very weak carbonate alteration. Sample 585271, location in 12, photo in figure 26, returned values of 2.75 Au within a 4cm wide quartz vein with some pyrite, striking at 310 and dipping at 80 degrees to south west. A complete table with all results and descriptions can be found in Appendix I – Prospecting Sample Descriptions.

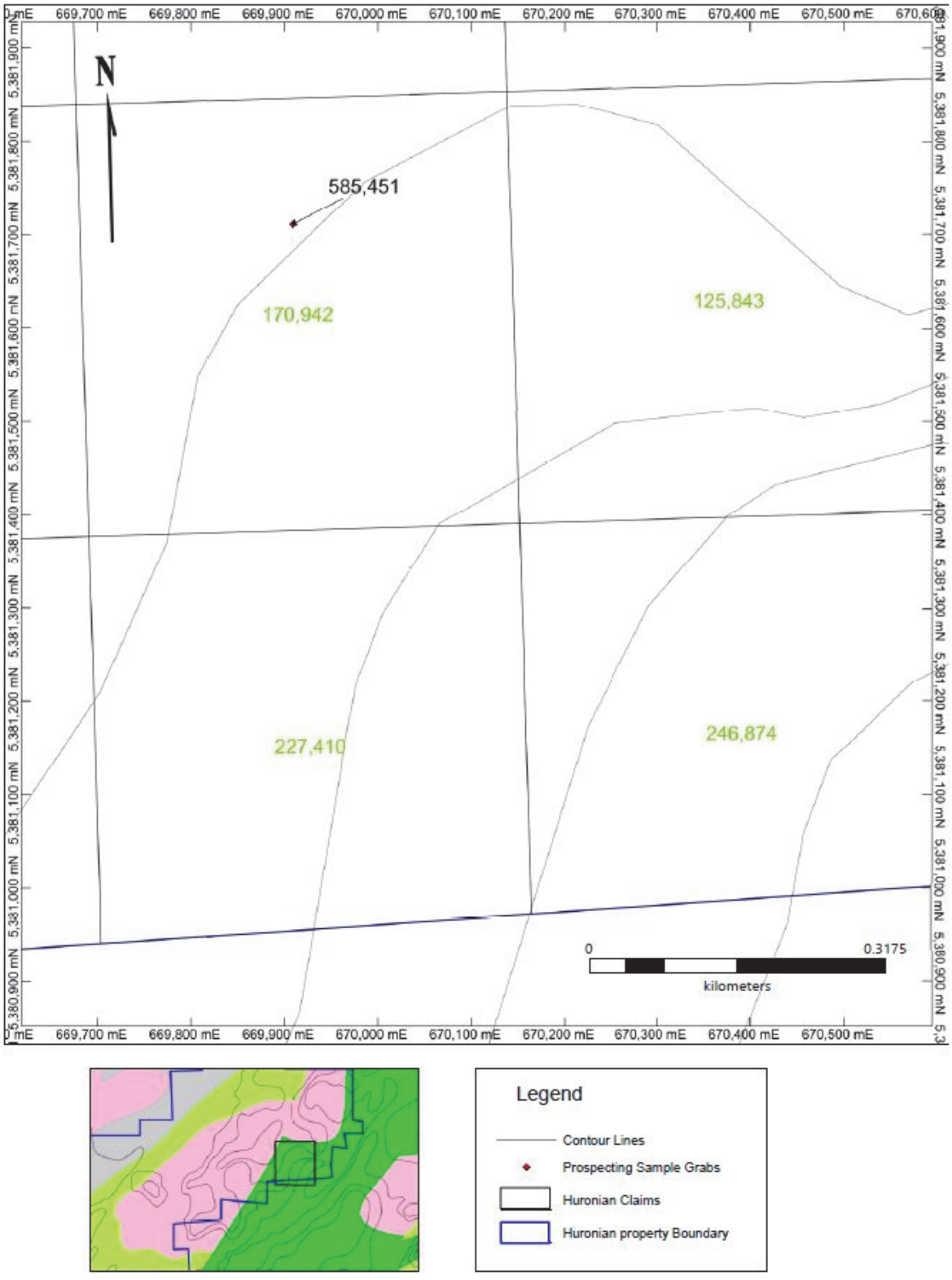

Figure 5 – Location of grab samples

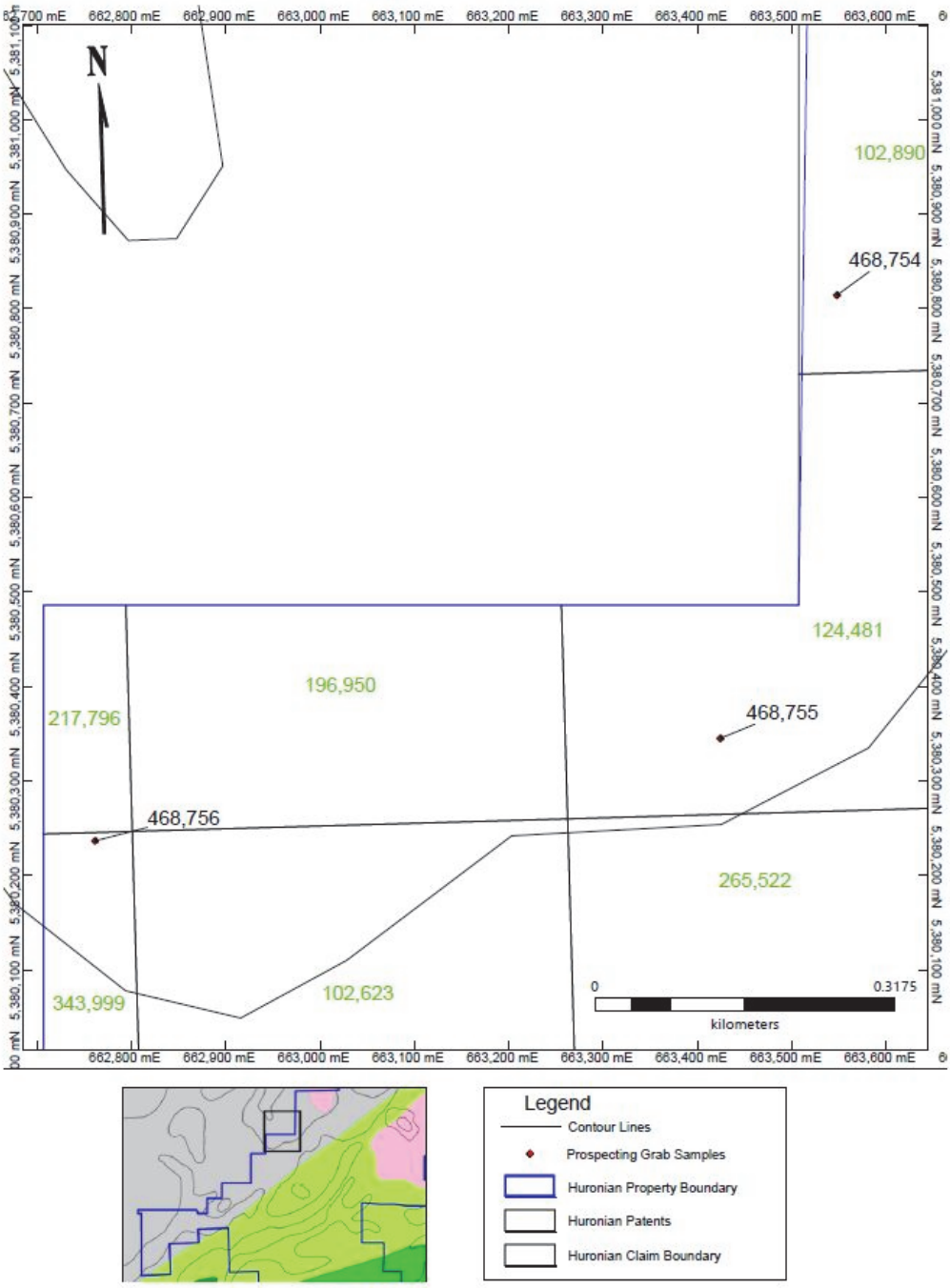

Figure 6 – Location of grab samples

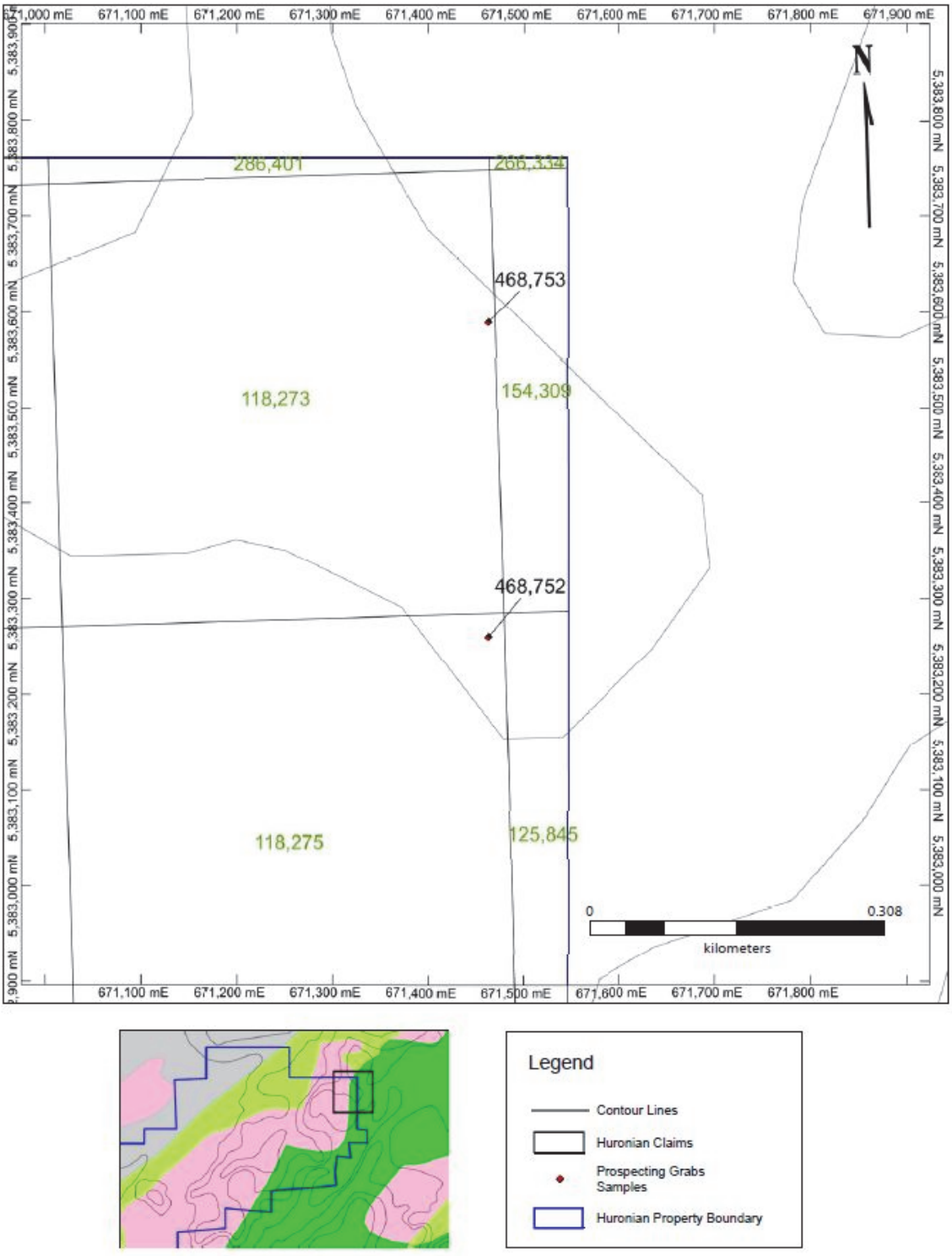

Figure 7 – Location of grab samples

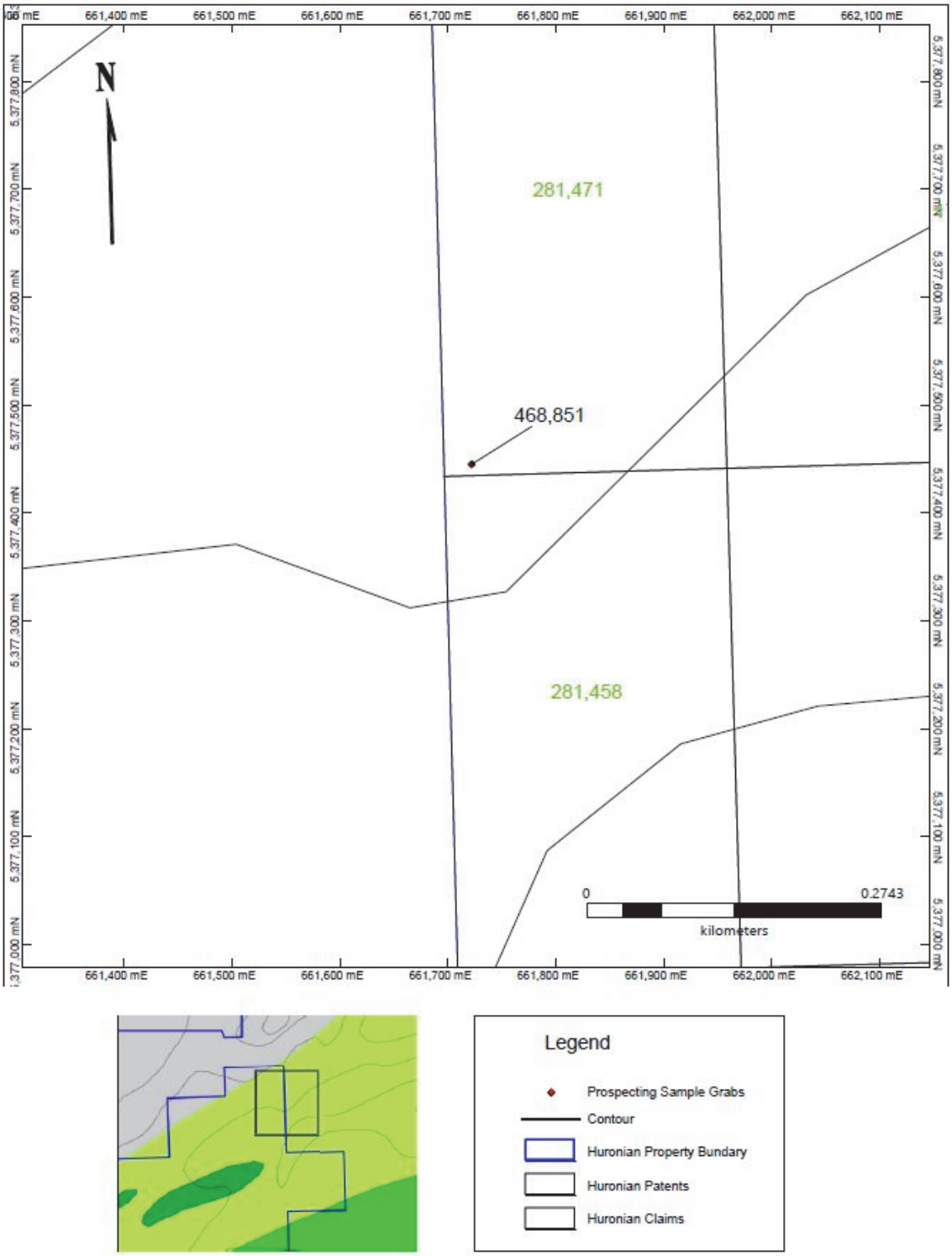

Figure 8 - Location of grab samples

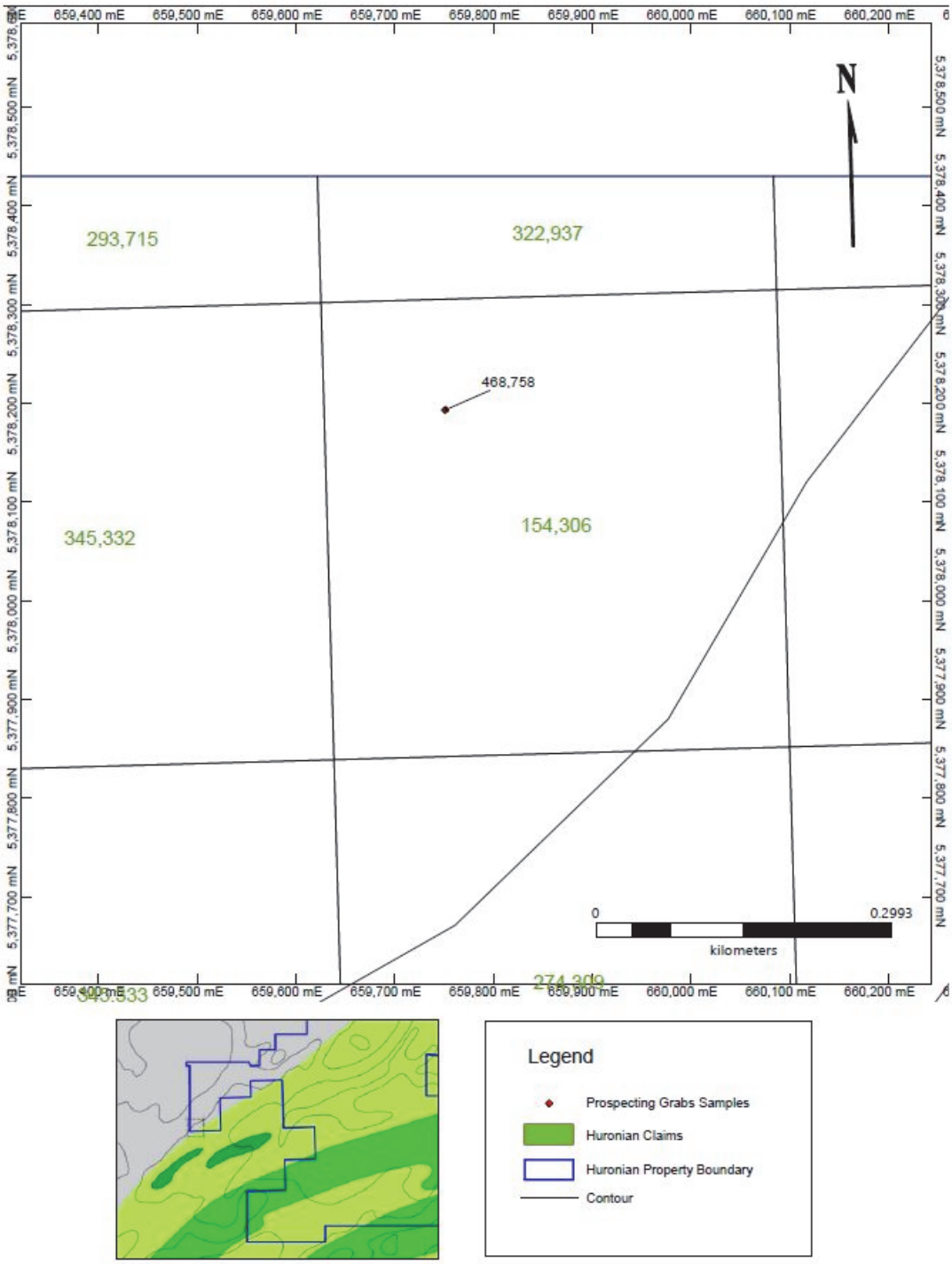

Figure 9 – Location of grab samples

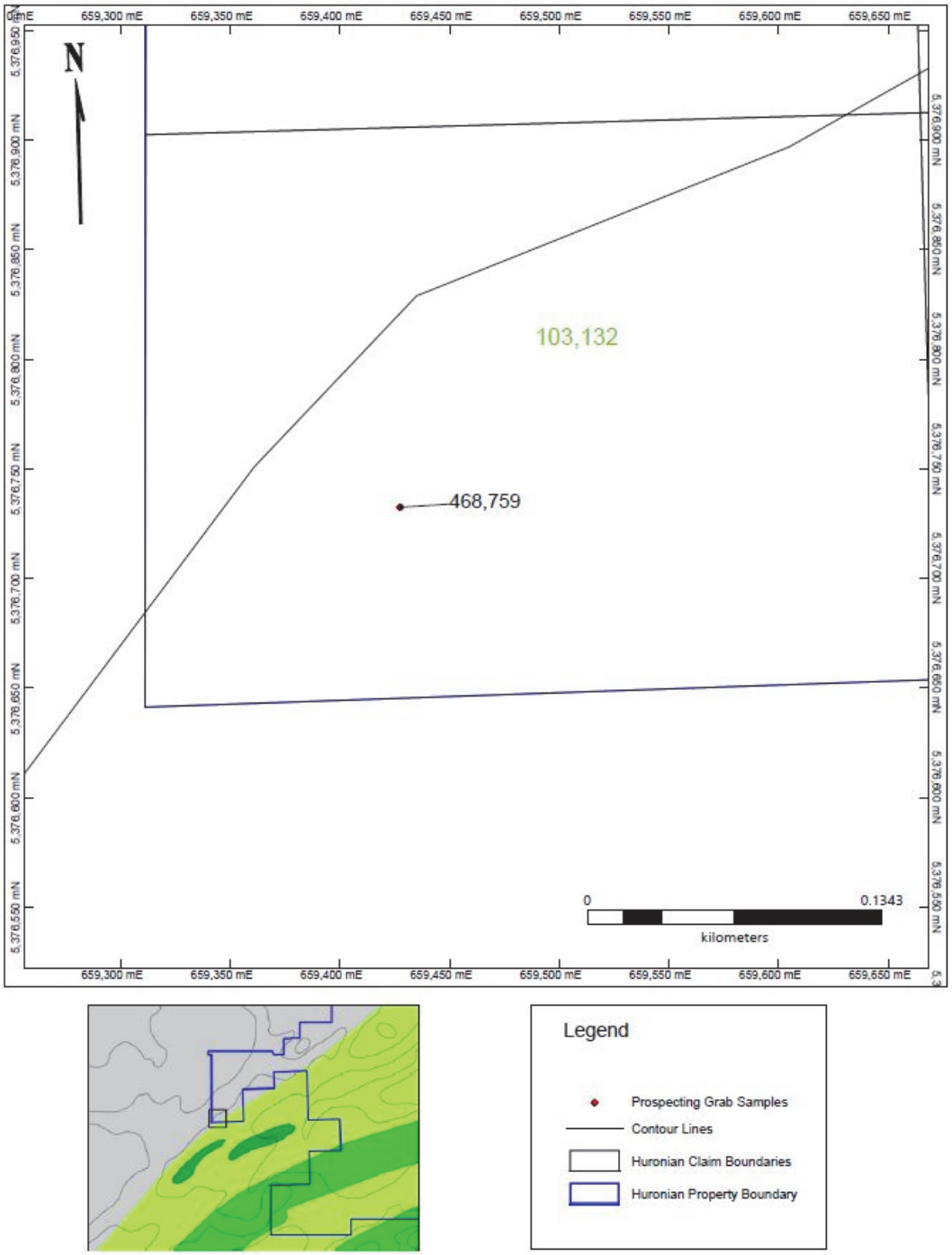

Figure 10 – Location of grab samples

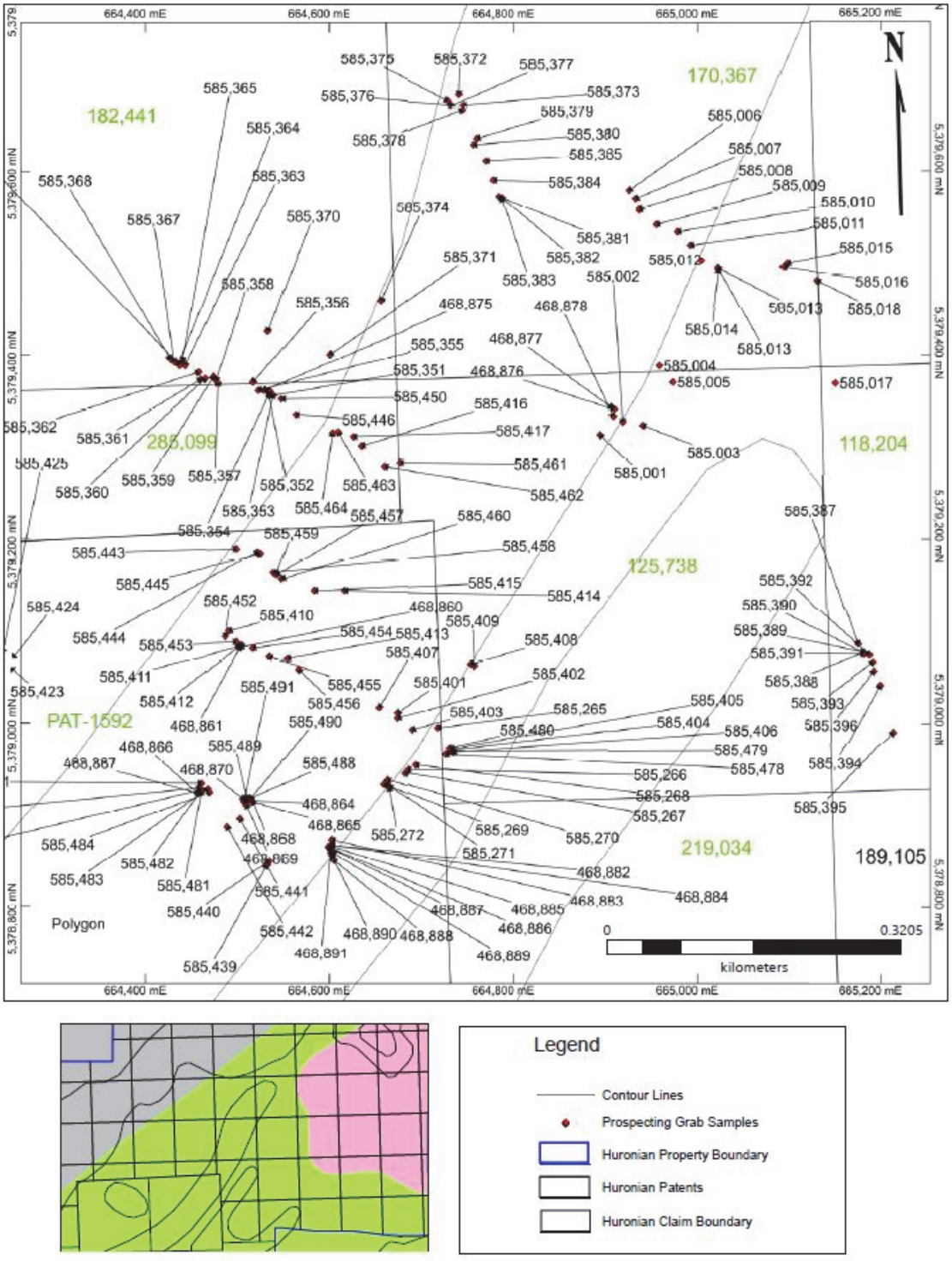

Figure 11 – Location of grab samples

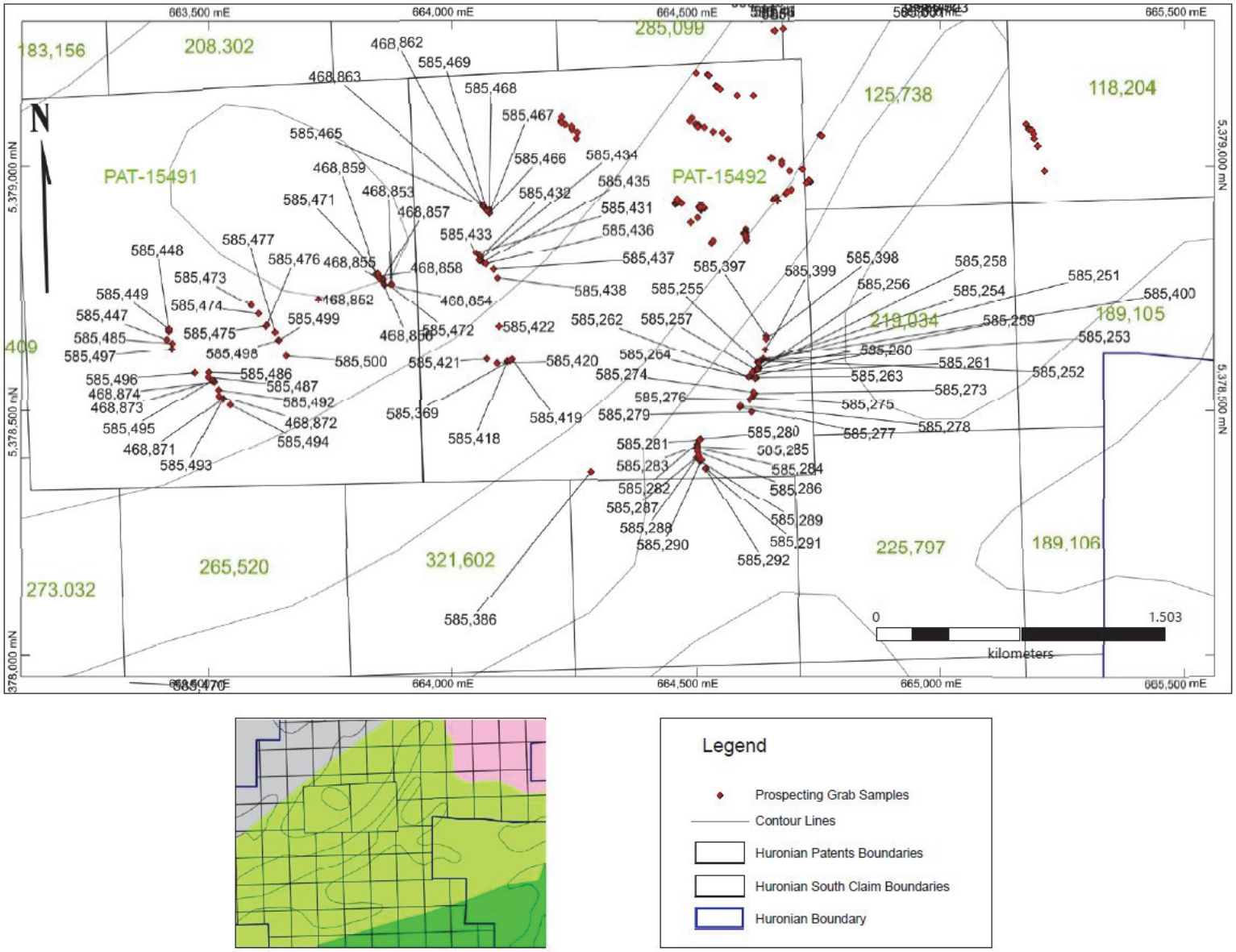

Figure 12 – Location of grab samples

12.2 Mechanized Stripping

A summary of mechanized stripping program is presented below (Table 5 – Summary of mechanized stripping). A total of 1018 channel samples were collected from 8 trenches, totalling 0.77794 hectares over 2 patents and 3 claims. Location of all trenches can be found below in Figure 13 and location of all channel samples can be found in figures 15-22.

Table 5 – Summary of mechanized stripping

Trench	Hectares	No. of Channel Samples	Claim
15	0.3325	301	285099, 125738, 182441
13W	0.0874	67	PAT-15492
31W	0.1035	103	PAT-15492
14E	0.01662	117	PAT-15492, 125738
13E	0.0824	214	PAT-15492, 125738
31E	0.0842	137	PAT-15492, 125738
14W	0.0413	42	PAT-15492
H4/5	0.03002	41	125738

Results of Au analyses from the channel samples are tabulated in Appendix III – Channel Sample Information and sig ints can be found in Table 6 below. Assay certificates for these analyses are in Appendix V – Assay Certificates. All certified reference materials (CRMs) inserted into the sample stream were within 3 standard deviations of the accepted values. Three blank analyses returned non-zero values, attributed to a small bleed-through during one part of the sample preparation or instrument washing between analyses. All other blanks returned values below detection (<0.005 ppm).

Channel samples confirm the presence of gold mineralization on the Huronian property (highlights presented in Table 6 below). Mineralization was observed within high grade, narrow (<1m) quartz-pyrite-chalcopyrite-galena veins. Sample number 584358 from Trench 13E, channel 58 returned a value of 4.31 Au gpt was taken from a 20cm of quartz vein with 5% pyrite. Sample number 584419 is a quartz vein (~10cm) with moderate to strong smokey quartz and 15-20% fine grained to coarse grained pyrite and 2-3% medium grained galena returned values of 3.74 Au gpt. Mineralization was also observed as disseminated sulphides in mafic volcanics near the shear zone. Sample number 584691 from Trench 14W, channel 12 was taken one meter above the shear zone in very fine-grained chlorite altered mafic volcanics with 1% fine grained sulphides. This sample returned results of 3.54 Au gpt.

Table 6 – Channel sample sig ints

Channel ID	Sample #	Horizontal Length (m)	Real Length (m)	Azimuth (degrees)	From (m)	To (m)	Au gpt
13E_13	584192	0.66	0.66	144	0	0.66	0.266
13E_17	584201	0.5	0.5	130	0	0.5	0.109
13E_17	584202	0.88	0.88	120	0.5	1.38	0.842
13E_17	584204	0.56	0.56	142	2.08	2.64	0.576
13E_18	584205	0.41	0.57	120	0	0.57	0.155
13E_18	584206	0.32	0.32	130	0.57	0.89	0.388
13E_20	584210	0.72	0.8	132	2.13	2.93	6.61
13E_22	584213	0.38	0.38	160	0	0.38	1.24
13E_28	584226	1.06	1.08	132	1.08	2.16	0.117
13E_28	584227	1.01	1.02	136	2.16	3.18	0.12
13E_31	584234	0.32	0.46	118	0	0.46	0.305
13E_47	584265	0.64	0.64	184	0	0.64	0.203
13E_50	584269	0.9	0.92	92	0	0.92	0.293
13E_54	584278	1	1	130	0	1	0.484
13E_55	584281	1.08	1.08	120	0	1.08	0.175
13E_55	584282	1	1	120	1.08	2.08	1.52
13E_56	584286	0.59	0.59	140	0	0.59	0.209
13E_56	584287	0.6	0.6	140	0.59	1.19	0.957
13E_58	584289	0.5	0.5	128	0	0.5	0.134
13E_70	584318	0.82	0.83	154	2.08	2.91	0.128
13E_77	584332	0.7	0.7	148	1.12	1.82	0.129
13E_77	584333	0.34	0.34	148	1.82	2.16	0.105
13E_81	584343	0.92	1.01	162	0	1.01	0.172
13E_81	584344	0.62	0.62	162	1.01	1.63	0.423
13E_81	584345	0.47	0.6	162	1.63	2.23	1.04
13E_83	584347	0.6	0.66	149	0	0.66	0.102
13E_83	584348	0.7	0.73	149	0.66	1.39	0.171
13E_83	584349	0.9	0.9	149	1.39	2.29	0.687
13E_83	584350	0.61	0.61	149	2.29	2.9	0.283
13E_83	584351	1.02	1.02	149	2.9	3.92	0.147
13E_84	584355	0.77	0.77	154	2.93	3.7	2.3
13E_84	584356	0.8	0.89	154	3.7	4.59	1.07
13E_85	584357	1	1.02	140	0	1.02	0.685
13E_85	584358	0.67	0.67	140	1.02	1.69	4.31
13E_85	584361	1.02	1.02	142	2.62	3.64	0.201
13E_86	584363	0.9	0.9	178	0.75	1.65	1.49
13E_86	584364	0.81	0.82	178	1.65	2.47	5.27
13E_86	584365	0.79	0.82	178	2.47	3.29	0.452
13E_86	584366	1.01	1.03	176	0	1.03	0.146

Channel ID	Sample #	Horizontal Length (m)	Real Length (m)	Azimuth (degrees)	From (m)	To (m)	Au gpt
13E_86	584368	0.83	0.83	176	1.93	2.76	1.06
13E_88	584372	0.79	0.79	174	1.29	2.08	0.119
13E_89	584373	0.66	0.66	172	0	0.66	0.443
13E_90	584374	0.9	0.9	152	0	0.9	0.277
13E_94	584381	0.39	0.39	48	0.5	0.89	0.962
13E_94	584382	0.41	0.41	48	0.89	1.3	0.159
13E_95	585530	0.89	0.89	151	0.98	1.87	0.377
13E_95	585531	0.79	0.79	151	1.87	2.66	0.768
13E_95	585532	1	1.14	151	2.66	3.8	4.51
13E_21	584212	0.56	0.56	148	0	0.56	0.557
13E_39	584251	0.75	0.75	92	0	0.75	0.129
13E_64	584308	0.58	0.6	134	0	0.6	0.224
14W_12	584696	0.9	1.01	294	4.2	5.21	0.172
14W_12	584697	0.74	0.83	294	5.21	6.04	0.438
14W_12	584698	0.68	1.07	294	6.04	7.11	3.54
14W_13	584699	0.9	1.06	293	0	1.06	0.452
14W_13	584701	0.59	0.8	293	1.06	1.86	0.397
13W_16	584651	0.48	0.49	311	0	0.49	0.247
13W_16	584652	0.53	0.61	311	0.49	1.1	0.592
13W_16	584654	0.58	0.62	311	1.92	2.54	0.412
13W_16	584655	0.79	0.89	311	2.54	3.43	0.16
13W_17	584656	0.48	0.5	1	0	0.5	0.424
31E_12	584388	0.54	0.56	342	3.67	4.23	0.163
31E_12	584389	0.75	0.9	342	4.23	5.13	0.685
31E_12	584390	0.64	0.66	342	5.13	5.79	0.459
31E_12	584393	1.04	1.05	354	7.39	8.44	0.1
31E_12	584394	0.95	1.35	354	8.44	9.79	2.74
31E_12	584395	0.82	0.92	354	9.79	10.71	0.309
31E_13	584408	1.28	1.45	335	6.03	7.48	1.13
31E_14	584412	1.12	1.16	333	1.36	2.52	0.218
31E_14	584413	0.9	1.14	333	2.52	3.66	0.254
31E_14	584414	1.05	1.09	333	3.66	4.75	0.119
31E_14	584415	0.5	0.51	333	4.75	5.26	0.709
31E_15	584419	0.4	0.57	315	0	0.57	3.74
31E_15	584421	0.78	0.85	315	0.57	1.42	1.79
31E_15	584423	1	1.12	315	2.28	3.4	0.598
31E_16	584426	0.66	0.77	57	0	0.77	1.16
31E_16	584427	0.47	0.52	57	0.77	1.29	13.5
31E_16	584428	0.52	1.06	57	1.29	2.35	0.341
31E_17	584429	0.65	0.87	316	0	0.87	0.168

Channel ID	Sample #	Horizontal Length (m)	Real Length (m)	Azimuth (degrees)	From (m)	To (m)	Au gpt
31E_5	584721	0.53	0.61	335	1.82	2.43	0.174
31E_11	584383	1.22	1.27	317	0	1.27	0.368
H4_2	585543	0.7	0.87	127	0.9	1.77	1.07
H4_3	585545	0.64	0.64	102	0.61	1.25	0.154
H4_4	585547	0.82	0.89	106	0	0.89	0.868
15_3	584764	0.27	0.48	332	3.26	3.74	0.134
15_3	584765	0.49	0.55	332	3.74	4.29	217
15_7	584814	0.62	0.65	251	1.15	1.8	0.15
15_8	584821	0.53	0.57	330	1.79	2.36	0.597
15_9	584826	0.94	0.99	275	2.48	3.47	0.171
15_34	584910	0.99	1.09	320	0	1.09	0.316
15_34	584911	0.49	0.58	320	1.09	1.67	0.309
15_34	584914	0.48	0.5	320	3.22	3.72	0.219
15_34	584917	0.5	0.71	320	5.82	6.53	0.431
15_37	584921	1.17	1.29	332	0	1.29	0.475
15_37	584922	0.91	0.94	332	1.29	2.23	0.112
15_39	584927	0.98	1.04	304	0	1.04	0.438
15_39	584934	0.88	0.9	295	7.56	8.46	0.38
15_52	584978	0.62	0.63	310	1.33	1.96	0.156

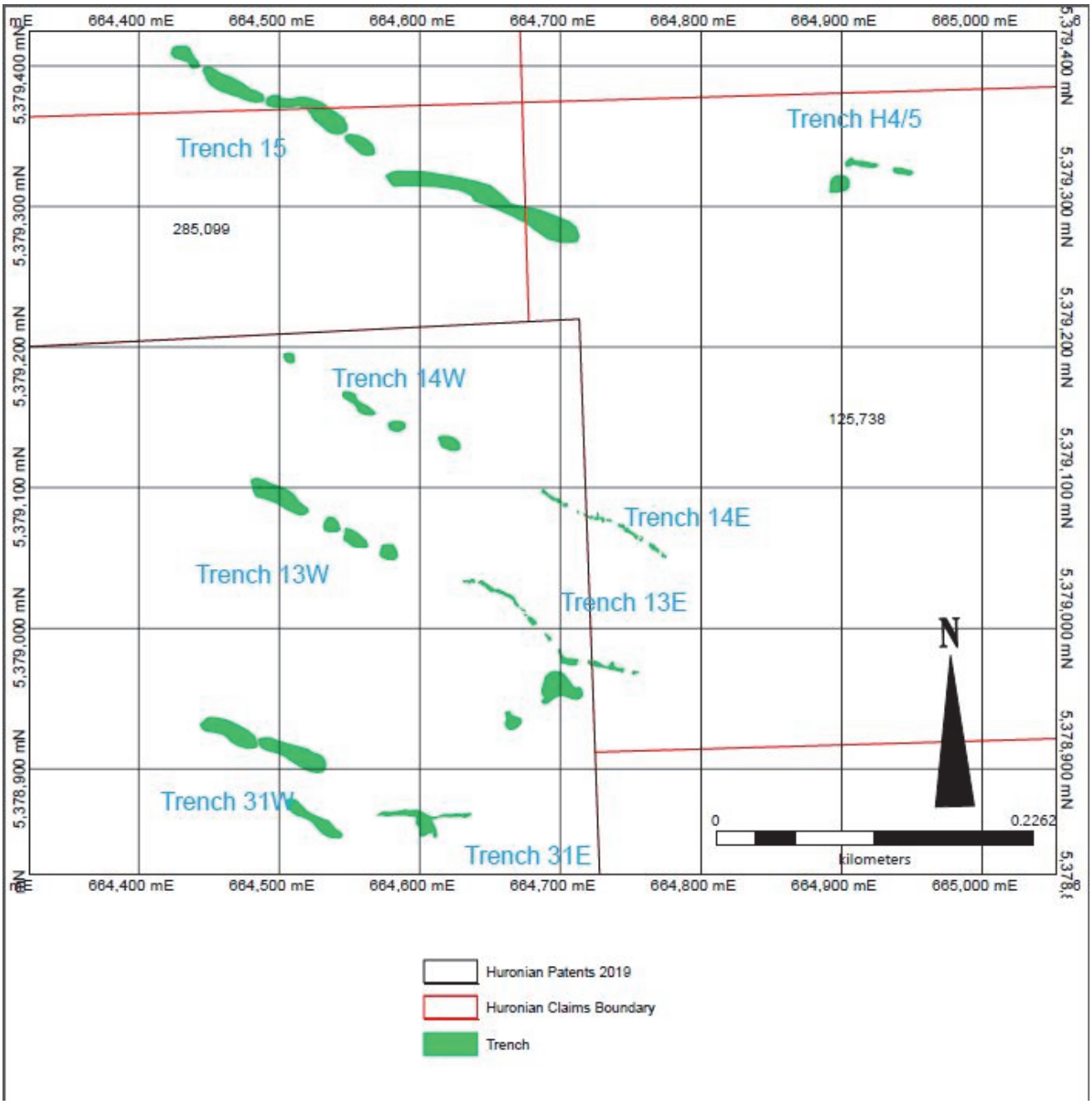

Figure 13 – Location of all trenches

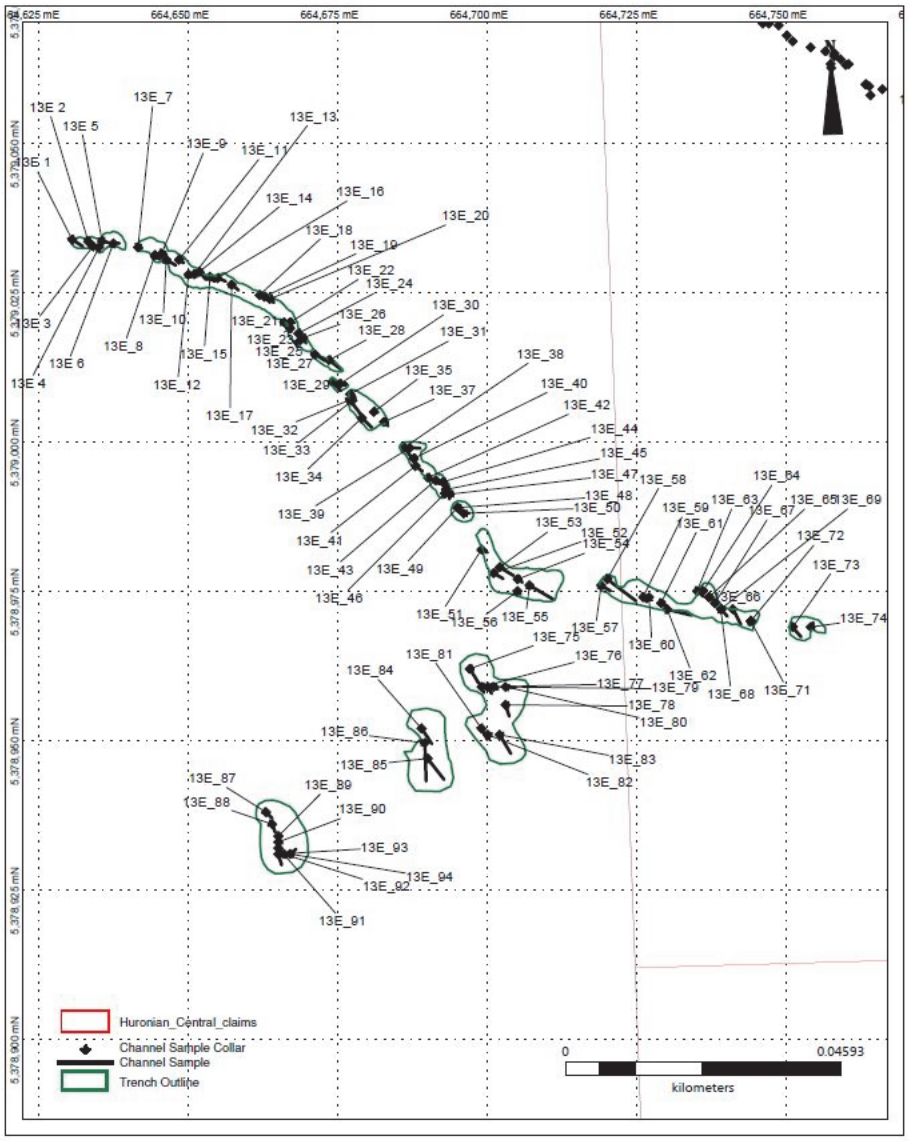

Figure 14 – Location of channel samples, Trench 13E

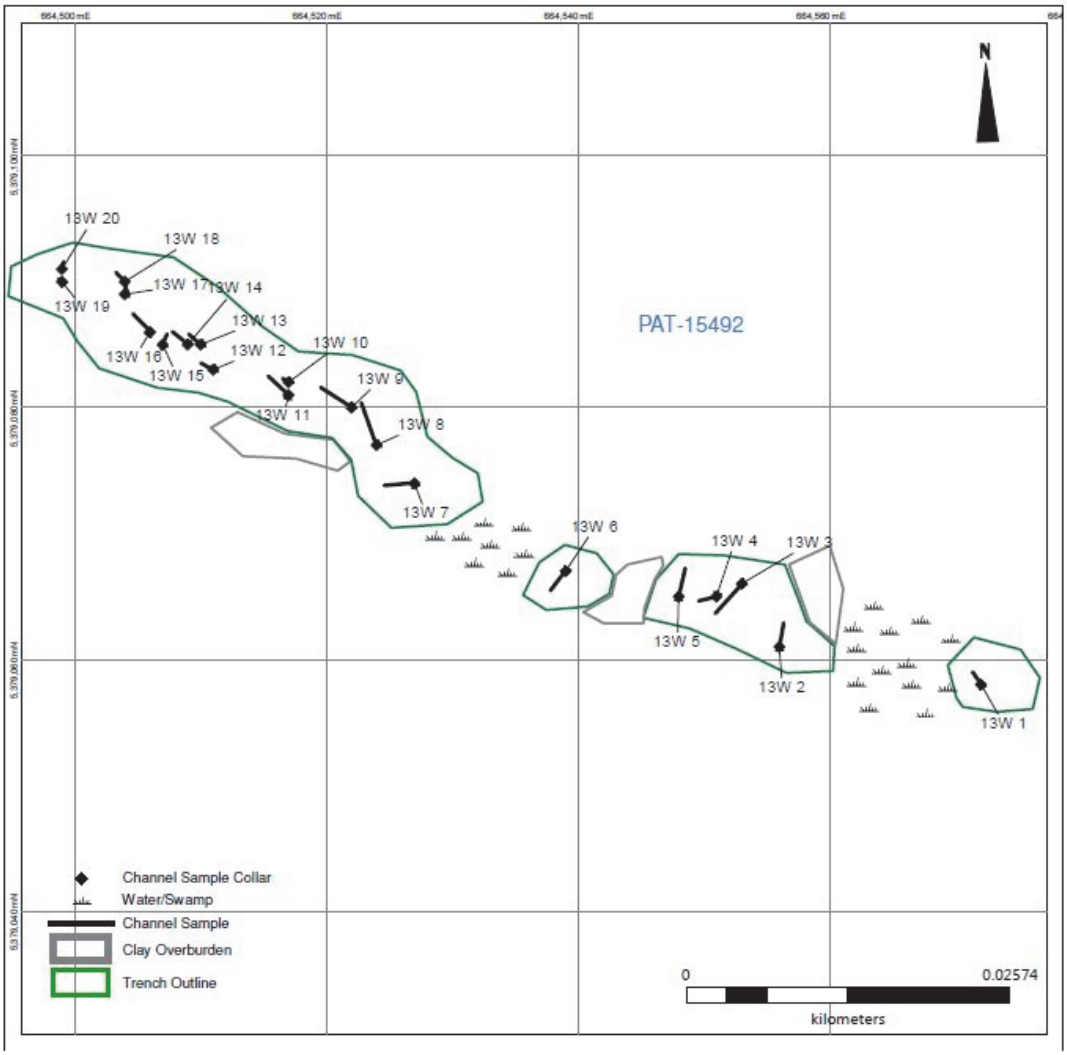

Figure 15 – Location of channel samples, Trench 13W

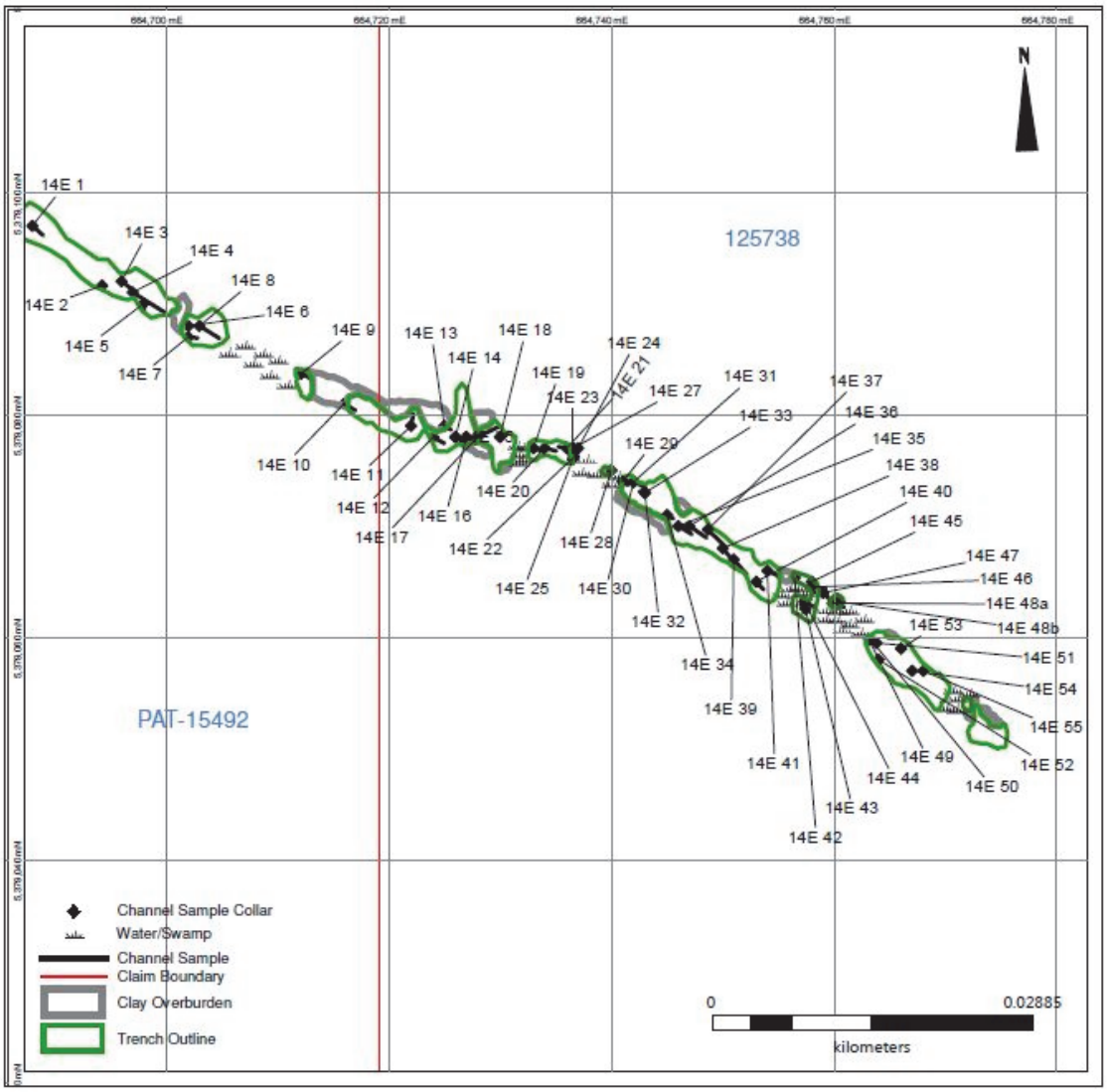

Figure 16 – Location of channel samples, Trench 14E

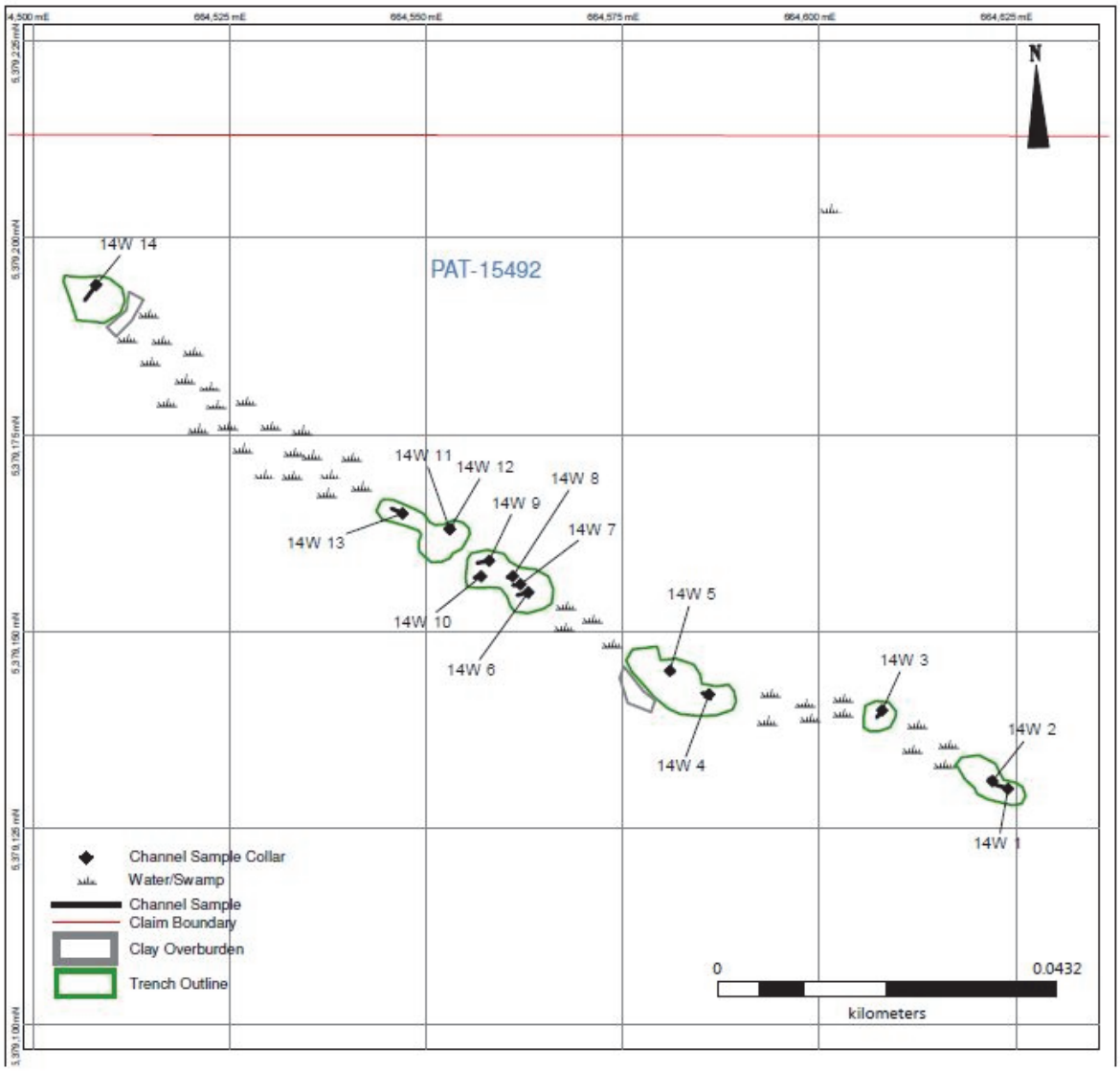

Figure 17 – Location of channel samples – Trench 14W

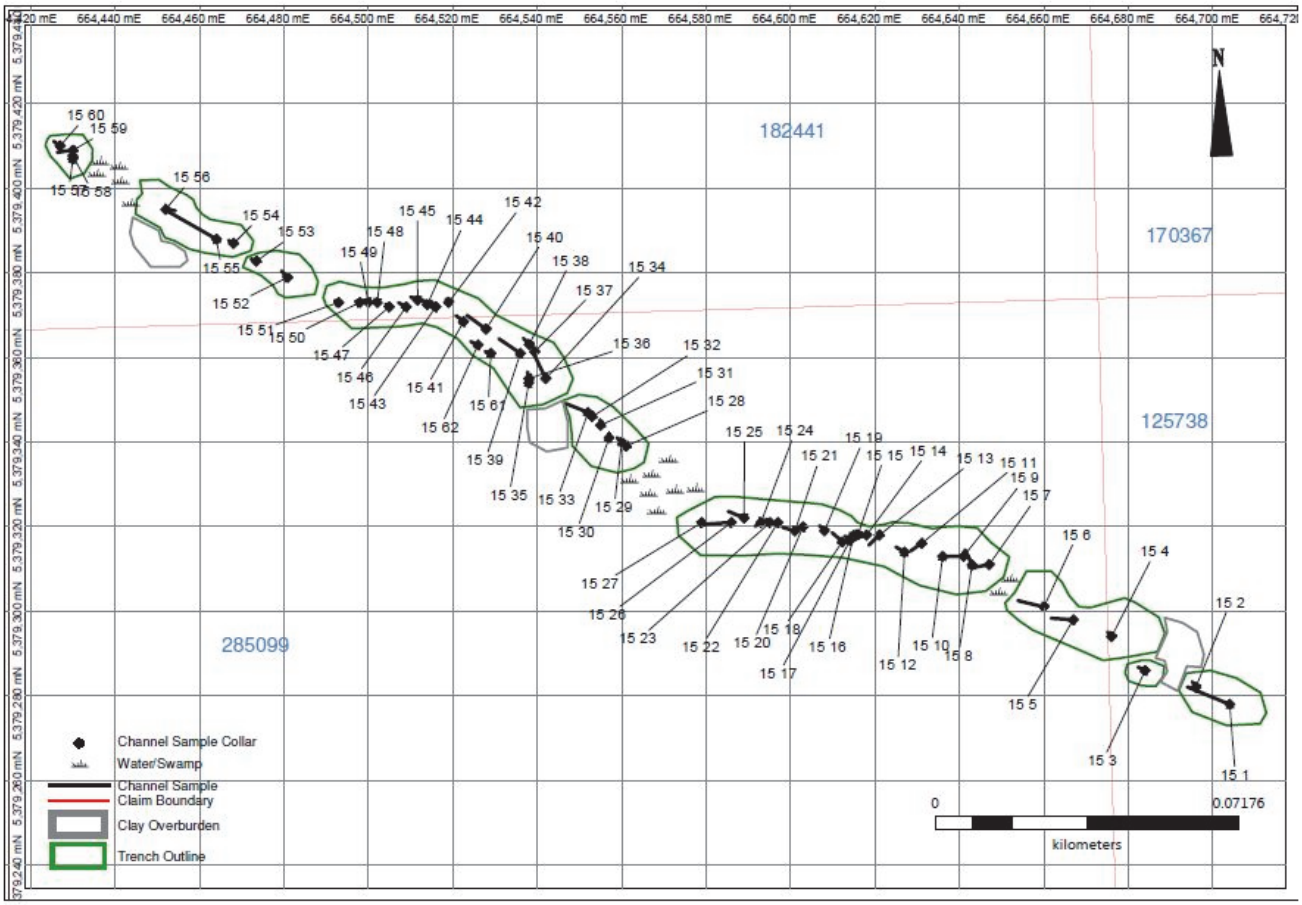

Figure 18 – Location of channel samples, Trench 15

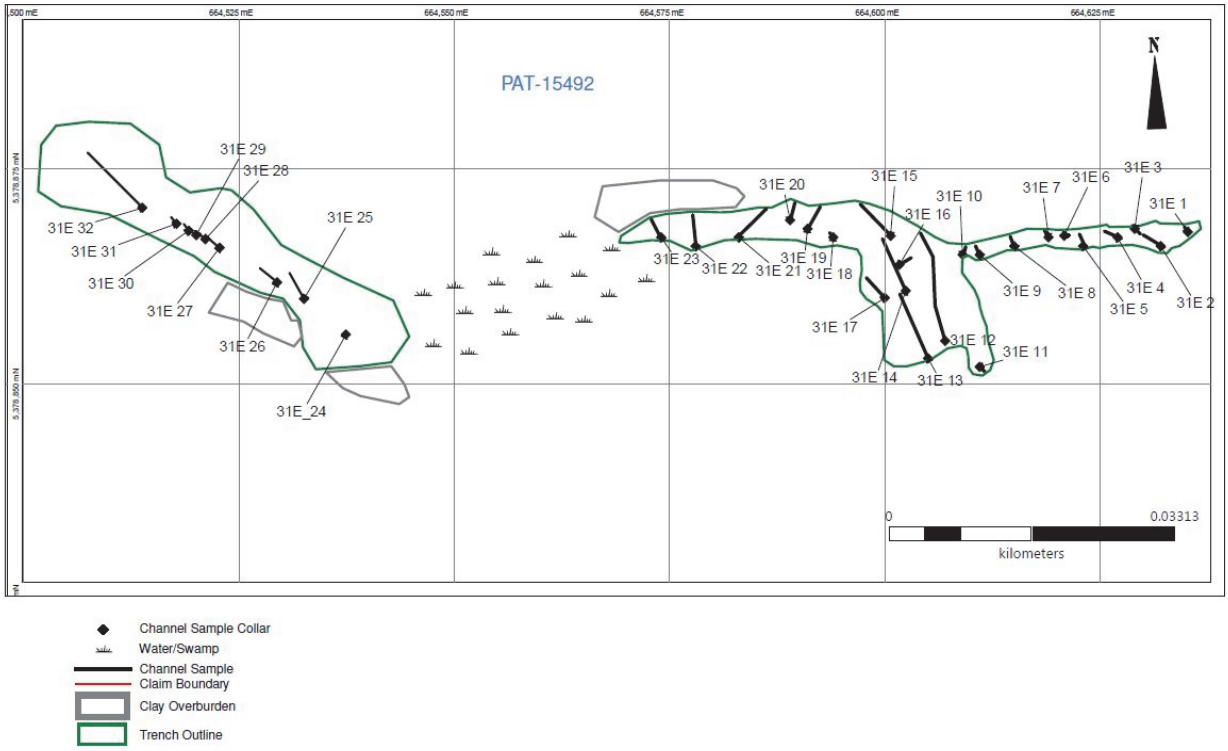

Figure 19 – Location of channel samples, Trench 31E

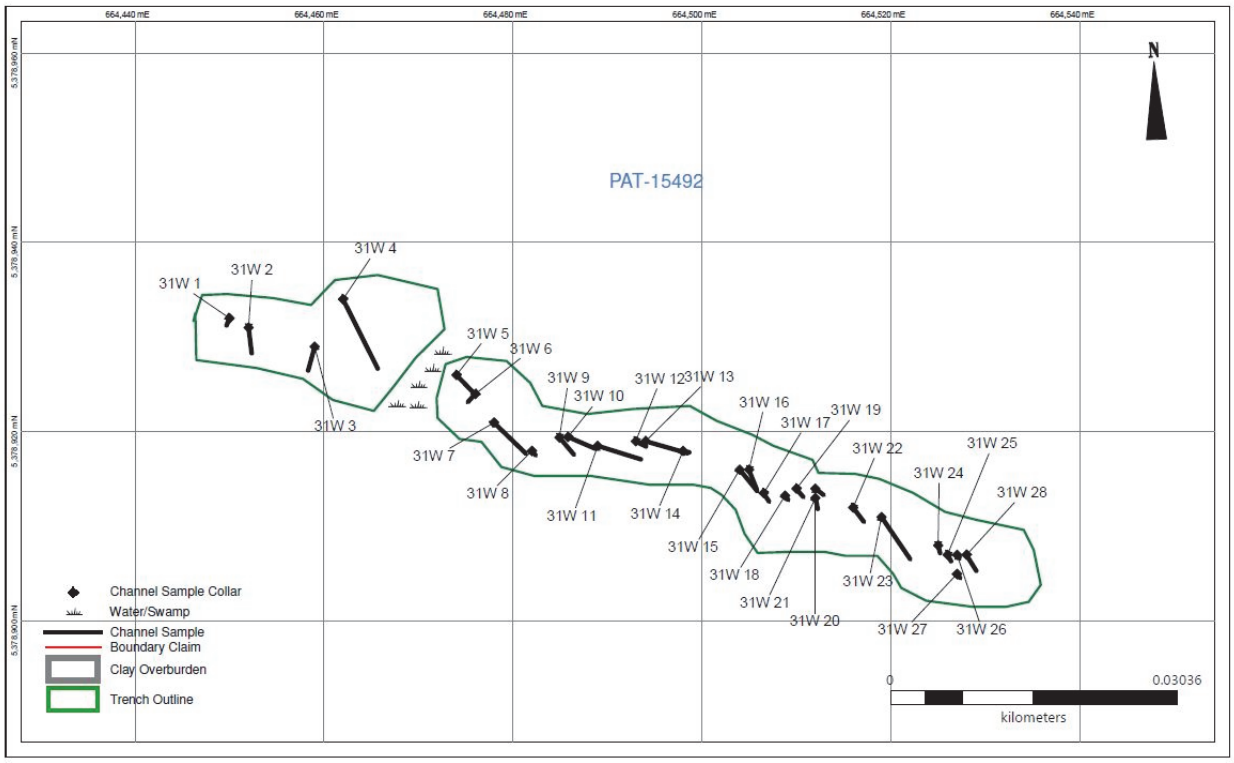

Figure 20 – Location of channel samples, Trench 31W

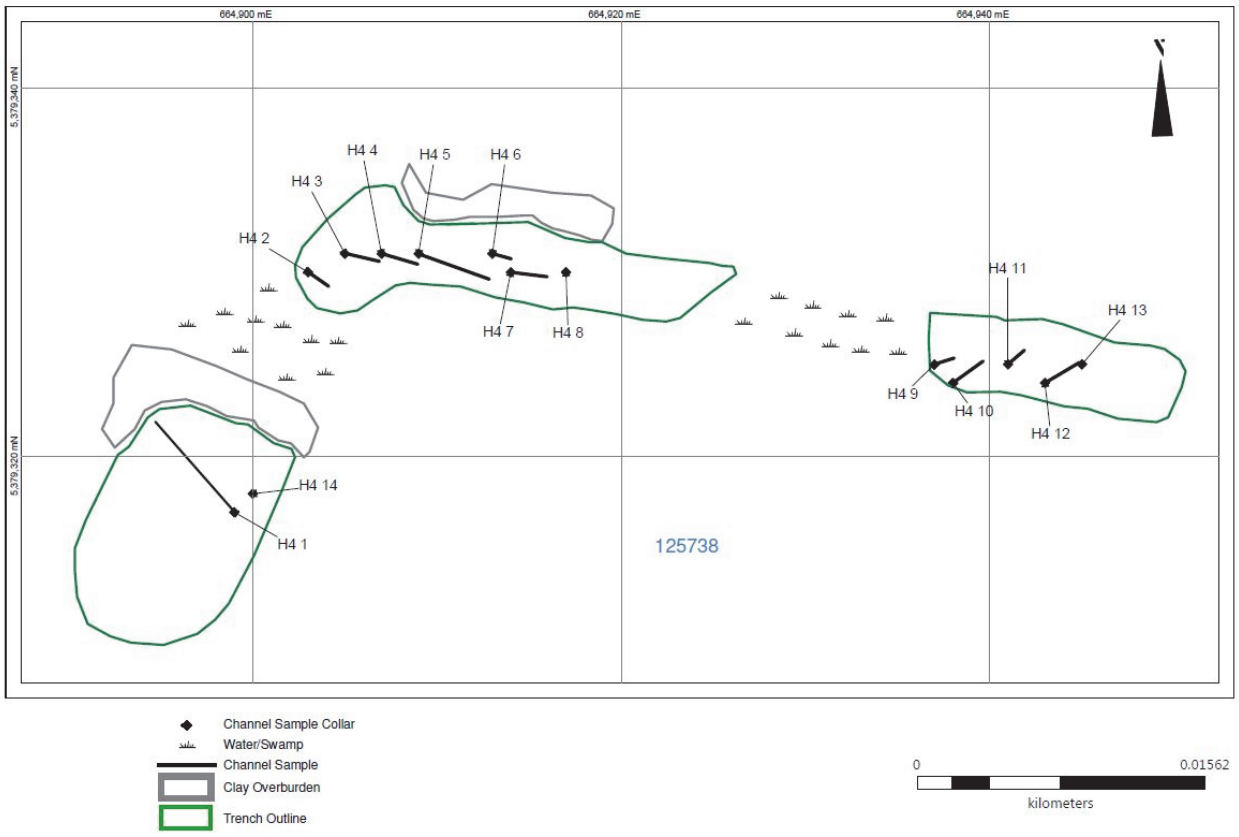

Figure 21 – Location of channel samples, Trench H

13 Interpretation and Conclusions

The program was successful in confirming historic results and demonstrating that the property holds potential for further discoveries. Three broad mineralization trends have been delineated on the property to date, all of which require further field work to evaluate the potential for minable deposits.

The Moss Lake, or Southern trend is interpreted to represent the southwestern strike extension of the past producing Moss Lake Deposit (formally known as the Snodgrass mine). The area is interpreted to represent a large NE trending folded sequence with a mafic to intermediate core, and an outer felsic to intermediate rim. The volcanic packages have been intruded by early gabbros and later feldspar porphyritic intermediate intrusives which locally host Au-Cu mineralization (e.g., Moss Lake). The Moss trend has several known historic occurrences within our claim boundary (West, Middle, Peace Lake North, Peace Lake South, and the corner zones). This program has uncovered the Leo zone with grab samples up to 6.8 g/t Au, 51 g/t Ag, 0.25% Cu (Sample 330689), and channel samples returning 4.4 g/t Au, 39 g/t Ag over 1.2m. Mineralization along this trend has similar Au:Ag ratios as the Ardeen mine (~1:7) and base metal mineralization (Cu-Pb-Zn), however, the lithologies and alterations are more similar to the Moss Lake mine making this an interesting area for exploration. The discovery of the Leo zone demonstrates that potential exists to find new occurrences along this trend and that a Moss Lake analog may occur within the claim boundaries.

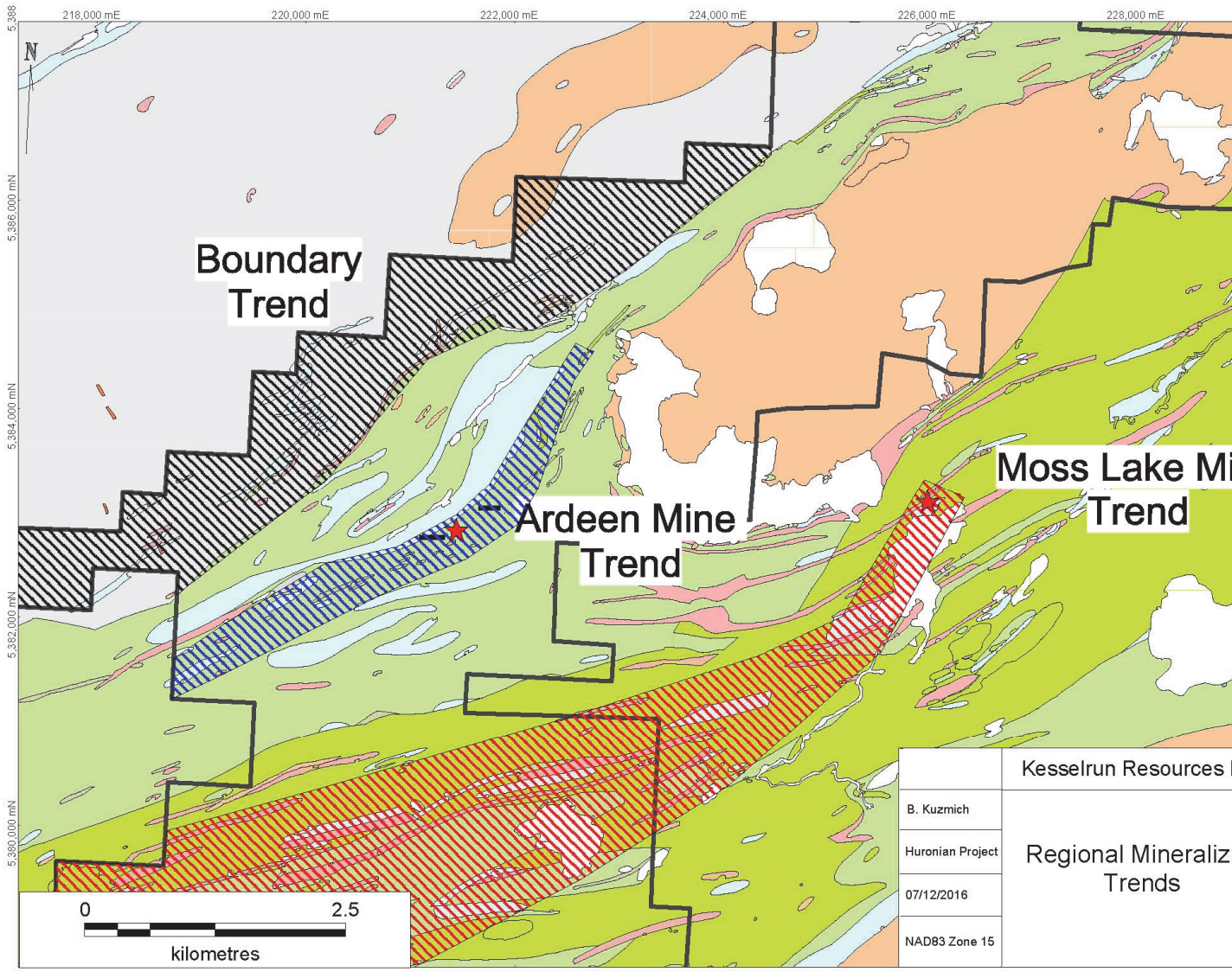

Figure 22 – Huronian mineralization trends

14 Recommendations

Future work on the Huronian property should commence with a complete digitization and validation of all historic work over the winter months. It would be invaluable to produce a 3-dimensional model for the Ardeen mine using available data (i.e., drill holes, mine plans, current trenching program, etc.). An accurate model would potentially aid in outlining ore shoots which would greatly increase the success rate of future drill programs. Digitizing data would also benefit prospecting/mapping efforts with the use of historic alteration maps, geophysical surveys, grab samples and trenches.

Upon completion of a digitized dataset for the property, a spring/summer field program is recommended with the focus of better understanding the Ardeen mine trend and to finish the channel sampling/mapping of the 2017 program. This would include, but not limited to very detailed structure and lithology mapping and sampling.

It is also recommended that the Moss Trend be followed up with a prospecting/mapping program along with a re-examination of all historic occurrences along the trend to properly evaluate the potential. The results from such a program will then be compiled and 'big picture' mineralized trends will outline future targets.

15 Statement of Expenditures

Tables below show total expenditures for grab samples (table 8) and for trenching (table 7).

The two major activities in this field program were prospecting (264 samples, or 25%) and channel sampling (602 samples, or 75%). Some costs can be divided between the two activities, based on a 25:75 split (e.g. assays, accommodation, geologists time and camp food, etc.), while other activities are solely trenching (e.g. contractor DeMob and Belham Ltd labour time).

All invoices and total expenditure by claim and patent number can be found in the Appendix VI.

Table 7 – Calculation of trench work done per claim

Trench	Claim	%	Hectares per claim
15	285099	48%	0.1596
	125738	17%	0.056525
	182441	35%	0.116375
13W	PAT-15492	100%	0.0874
31W	PAT-15492	100%	0.1035
14E	PAT-15492	32%	0.00532
	125738	68%	0.0113
13E	PAT-15492	76%	0.062624
	125738	24%	0.019776
31E	PAT-15492	78%	0.065676
	125738	22%	0.018524
14W	PAT-15492	100%	0.0413
H4/5	125738	100%	0.03002

Table 8 – Calculation of prospecting work done per claim

Claim	No of Samples	% of Work Done
PAT-15491	34	12.88
PAT-15492	132	50.00
125738	16	6.06
118204	11	4.17
118203	13	4.92
170367	27	10.23
321689	3	1.14
182441	16	6.06
117995	1	0.38
343999	1	0.38
124481	1	0.38
102890	1	0.38
154306	1	0.38
103132	1	0.38
281471	1	0.38
272983	1	0.38
171623	1	0.38
170942	1	0.38
118273	1	0.38
118275	1	0.38

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17 Appendix I – Prospecting Sample Descriptions

Table 9 – Prospecting sample description and results

Sample ID	Easting (mE)	Northing mN	Au (ppm)	Lithology	Description
468761	665281	5379427	0.06	Chert-magnetite-banded ironstone	Sheared up metaseds. Ironformation. Strong iron oxidation, magnetite rich. Trace disseminated pyrite. Foliation = 38/64.
468762	665282	5379427	0.017	Chert-magnetite-banded ironstone	Chert rich layer of metaseds. Again strong iron oxidation and magnetite rich.
468763	665274	5379414	0.036	Chert-magnetite-banded ironstone	Apparent gossanous zone from iron formation w/ moderate magnetite and ~1% coarse grained pyrite. 10% naitive sulphur.
468764	665271	5379416	0.105	Chert-magnetite-banded ironstone	Sample of a quartz vein ~30cm wide w/ in iron formation. Magnetite along contact surface. ~10% smokey quartz. Strong iron oxidation.
468851	661722	5377445	0.000	Quartz-feldspar porphyry	Strong chlorite alt w/ weak to moderate ankerite. Quartz feldspar rich. Looks like a schistose QFP. Foliation = 245/64.
468852	663726	5378729	0.000	Massive flow, fine to medium grained	Sample adjacent to old trench. Angular boulder from the old trench. Vfg basalt w/ ~1% fg to mg pyrite. Small ~1mm quartz/carb stringers cross cutting foliation.
468853	663875	5378760	0.000	Chlorite schist	Rush sampling Haymers prospecting trench 2. Chlorite sericite schist w/ moderate ankerite alteration. Shear = 195/76.
468854	663862	5378759	0.045		
468855	663858	5378768	0.010		Rush sample. Foliation = 210/78.
468856	663857	5378767	0.009		Rush High grade sample w/ some quartz
468857	663858	5378772	0.000		Rush Sample of mineralized competent unit.
468858	663851	5378777	0.000	Chemical Metasedimentary Rocks (Undifferentiated)	Rush sample of a possible fold hinge in the seds. Foliation 1 = 254/75. Foliation 2 = 211/75. Trend/plunge = 319/78. Center of the trench.

Sample ID	Easting (mE)	Northing mN	Au (ppm)	Lithology	Description
468859	663844	5378780	0.000	quartz vein	Sample of purely a quartz vein w/ in trench. Vein roughly 3cm wide and follows foliation. Foliatio = 260/78.
468860	664504	5379082	0.104		Other rush sample from PT13 Shear.
468861	664503	5379082	0.143	quartz vein	Lesleys sample from PT13 shear. Vfg mafic volcanic. Moderately foliated. Quartz/carb veins along foliation ~1-2 cm wide. ~1% pyrite. Moderate chlorite alteration.
468862	664063	5378918	0.007	Chemical Metasedimentary Rocks (Undifferentiated)	Sample from one of Haymers prospecting trenches. Moderately deformed sulphur rich sediments. Some quartz veining along bedding.
468863	664062	5378921	0.000	Chemical Metasedimentary Rocks (Undifferentiated)	More siliceous/bleached section of shear zone.
468864	664508	5378916	0.008	Quartz vein	PT 31 Shear zone. Shear zone is ~10m wide w/ intermittent variations in shear strength. Areas of increased shear strength show strong sericite/ankerite alteration w/ weak to moderate chlorite. Pyrite generally runs in trace amounts. Areas of stronger shear strength show moderate quartz veining. Veins are up to 15m wide. Areas w/ weaker shear strength show 0.2 to 0.5cm quartz stringers. Foliation = 220/78.
468865	664506	5378918	0.024	Quartz vein	PT 31 Shear zone. Shear zone is ~10m wide w/ intermittent variations in shear strength. Areas of increased shear strength show strong sericite/ankerite alteration w/ weak to moderate chlorite. Pyrite generally runs in trace amounts. Areas of stronger shear strength show moderate quartz veining. Veins are up to 15m wide. Areas w/ weaker shear strength show 0.2 to 0.5cm quartz stringers. Foliation = 220/78.

Sample ID	Easting (mE)	Northing mN	Au (ppm)	Lithology	Description
468866	664457	5378924	0.009	Quartz vein	Sample of PT31 splay. Quartz rich sampl. Quartz is slightly smokey and fairly vuggy. Host is completely sericitized w/ weak remnant chlorite. No noticable carb alt or sulphides.
468867	664458	5378924	0.010	Chlorite schist	Sample the schistose host to 468866. Moderate chlorite w/ calcite along foliation. Weak ankerite
468868	664517	5378915	0.000	quartz vein	Sample of quartz ankerite vein w/ in main PT31 shear. Coarse grained quartz/ankerite w/ in strongly sericitized host. Sample is ~50% quartz/ankerite and ~50% host. No noticable sulphides. Veins area 1-1.5cm paralleling foliation. There is a larger 10+cm quartz blowout I am saving for the channels.
468869	664510	5378911	0.000	Chlorite schist	Sample of sericite/talk/chlorite schist. Sample is purposely low graded w/ no quartz to tezt the adjacent host.
468870	664511	5378914	0.009	Quartz vein	Localized quartz/ankerite float from PT31. Cannot pin it down to the exact vein. 60% quartz/30% Ankerite/10% host.
468871	663531	5378526	0.092	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Sample of a slightly gossanous shear w/ in mafic volcanics. Very fine grained to fine grained w/ strong chlorite alteration. Naitive sulphur w/ strong fine grained pyrite along foliation. Very weak calcite blebs. Gossan is ~0.7m wide w/ in a 2m wide shear at 236/74.
468872	663522	5378531	0.293		Similar to 468871 w/ much less naitive sulphur and far more fine grained pyrite. Zone is much less deformed. Strong chlorite alteration w/ pissible very weak sericite. Pyrite at ~10%.
468873	663511	5378563	0.024	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Sheared intermediate volcanics w/ moderate chlorite alt, weak sericite alt and weak hematite alteration. Trace pyrite w/ in groundmass. Shear zone is roughly 6m wide at 240/72. Sample is of the more competent rock.

Sample ID	Easting (mE)	Northing mN	Au (ppm)	Lithology	Description
468874	663512	5378560	0.070	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Sample of the more schistose section of 468873 w/ slightly stronger sericite and w/ moderate chlorite and trace fine grained pyrite.
468875	664529	5379362	0.000	Quartz vein	Rush sample of bull quartz boudin w/ in western end of PT15.
468876	664910	5379342	0.336	Massive flow, fine to medium grained	Chasing down the historic 44.2g/t sample. The majority of outcrop appears to be massive basalt w/ minor shearing. Sample he is local float. Host is basalt w/ weak ankerite, trace pyrite, weak hematite and very weak carbonate alteration.
468877	664907	5379344	2.36	Massive flow, fine to medium grained	Sample adjacent to 468876. Fine grained basalt w/ a 1cm quartz vein. Weak hematite alt in both the vein and host. Trace fine grained pyrite with in vein.
468878	664909	5379334	0.259	Massive flow, fine to medium grained	Sample of the sheared host to an inaccessable quartz vein. Quartz vein at Pele 44.2g/t historic grab. Foliation = 200/78.
468879	664461	5378928	0.000	Quartz vein	Sampling boudin from western side of PT31. Sample is coarse grained quartz w/ weak limonite staining and trace fine to medium grained pyrite along contact. Taking 3 samples at this location in case of nugget affect.
468880	664459	5378930	0.000	Quartz vein	
468881	664461	5378935	0.007	Quartz vein	Same al 468880 w/ slightly more smokey quartz and slightly more ankerite.
468882	664601	5378867		quartz vein	Eastern side of PT31. Good size vein ~10+cm. Sample is of just the vein. Moderate to strong smokey quartz. Strong fine grained to coarse grained pyrite at ~15 to 20%. Medium grained galena at ~2 to 3% and forms in situ w/ pyrite. Weak limonite abd weak hematite. Vein = 152/64.
468883	664602	5378873		quartz vein	Sample of the 468882 vein w/ less galena.

Sample ID	Easting (mE)	Northing mN	Au (ppm)	Lithology	Description
468884	664602	5378867	0.03	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Sample of the foot wall from 468882. Very fine grained basalt w/ weak hematite alteration. Trace fine grained pyrite w/ in groundmass. Overall massive texture w/ weak foliation.
468885	664600	5378866	0.411	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Sample of the completely silicified hanging wass w/ moderate to strong hematite alteration.
468886	664598	5378865	0.763	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Sample of a clast w/ in the 468882 vein. The sample is from the cooked up mafic volcanic clast. Weak chlorite, strong sericite, weak hematite and moderate medium grained ankerite.
468887	664600	5378864		Quartz vein	Sample of the 268882 vein w/ visible gold. Not as galena rich as 468882 but has a small piece of dendritic gold. Fine to medium grained pyrite at ~1%. Trace amounts of fine grained galena. Visible gold in situ w/ galena. Weak limonite and hematite.
468888	664604	5378851	0.444	quartz vein	Sampler of a small stringer vein w/ in the 31 visible gold trench. 1cm wide fine grained quartz w/ weak ankerite ~1%. Host is foliated, slightly bleached mafic volcanics.
468889	664603	5378859	1.68	quartz vein	Quartz vein sample ~10cm wide w/ a 1cm bleb of fine grained pyrite and trace arsenopyrite?. Trace malachite and weak ankerite alteration.
468890	664602	5378856	0.1	quartz vein	Sample taken by Adam gowen. Coarse grained smokey quartz w/ trace pyrite and trace ankerite altertion.

Sample ID	Easting (mE)	Northing mN	Au (ppm)	Lithology	Description
468891	664601	5378861	0.217		Sample taken by Adam Gowen. Looks like a quartz stringer w/ in a chert host. Veins look pretty dry, slightly smokey. Ankerite seems to bleed along fracture planes away from the vein.
585001	664894	5379314	0.005	Brittle shear zone	Fine grained mafic w/ ~5% blebby and disseminated pyrite. +15% ankerite/quartz. Small brittle shear ~5ft wide trending 250. Dipping steep but couldn't measure.
585002	664919	5379328	0.008	Brittle shear zone	Likely the same shear as 585001. Fne grained mafic <3% pyrite < Ankerite stringers, not disseminated.
585003	664941	5379324	< 0.005	Carbonate vein	Small weathered carbonate vein 1.5cm wide striking 300/60 in a wider brittle shear zone that trends at 220 in a more felsic (porphyry) host w/ < 1% py. Vein has green crystals (epidote?)
585004	664959	5379389	0.023	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Fine grained mafic w/ > 5% pyrite
585005	664974	5379371	0.027	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Fine grained mafic w/ 5% pyrite.
585006	664926	5379579	0.019	Feldspar porphyry	Mafic porphyry w/ feldspar phenocrysts up to 1cm. 3-5% pyrite. 1cm thick quartz vein w/ liminite weathering from magnetite.
585007	664933	5379570	< 0.005	Brittle shear zone	Carbonate stringers in brittle shear on hanging wall of syenitic dyke. Host is vesicular basalt. Vesicles filled w/ carbonate.

Sample ID	Easting (mE)	Northing mN	Au (ppm)	Lithology	Description
585008	664937	5379559	< 0.005	Massive flow, fine to medium grained	Similar to 585007 except no syenite. Also carbonate stringer has thin coating of magnetite in places.
585009	664956	5379543	0.195	Massive flow, fine to medium grained	Altered mafic at possible contact w/ shear zone. Weakly to strongly magnetic across most sulphides expecially where weathered. Due to this, compass doesn't work.
585010	664979	5379535	0.043	Brittle shear zone	Brittle shear in mafic rock which seems to strike 156 w/ small blebs of well formed pyrite. Very weakly magnetic
585011	664993	5379520	0.016	Ductile shear zone	Small seemly more ductile shear zone striking 344. Mafic rock w/ areas of strongly disseminated magnetite. Little visible pyrite
585012	665005	5379503	0.019	Massive flow, fine to medium grained	Weakly altered mafic rock w/ ~10% disseminated and stringer pyrite. Some magnetite.
585013	665023	5379495	0.224		
585013	665023	5379495	1.17	Massive flow, fine to medium grained	Weakly altered mafic rock in shear zone striking 260. Up to 10% pyrite, pyrrhotite and disseminated magnetite.
585014	665024	5379493	0.059	Quartz vein	2cm wide quartz vein in same shear zone as 585013. Also striking 260.
585015	665098	5379500	0.011	Quartz vein	1cm wide quartz vein w/ some weak magnetism. Strikes 260, sample is of both the vein and host rock. Host has very little visible pyrite.
585016	665094	5379496	0.008	Feldspar porphyry	Mafic porphyry on footwall of shear. Shear = 240/70
585017	665150	5379370	< 0.005	Quartz vein	What I was abl to get out of quartz vein and surrounding rock. Vein is hosted in altered pillows that strike 220 but is also crossing a small Syenite (?) striking at 190. Vein itself goes from 205 to 290 as it runs east-west small pyrite near contact in quartz.
585018	665130	5379481	< 0.005	Intermediate to Mafic	Mafic w/ very little visible pyrite from small brittle shear strikes 290

Sample ID	Easting (mE)	Northing mN	Au (ppm)	Lithology	Description
				Metavolcanic Rocks (Undifferentiated)	
585019	665487	5379551	0.005	Feldspar porphyry	Mafic porphyry in hanging wall contact zone w/ syenite dyke. Disseminated fine grained pyrite through matrix and phenocrysts. Dyke looks to strike 170/60.
585020	665486	5379556	0.012	Quartz vein	Small quartz vein that crosses syenite dyke mentioned in 585019 at 270. No visible pyrite but some magnetite and limonite.
585021	665427	5379596	< 0.005	Quartz vein	Quartz vein 3-4cm wide in mafic host striking at 296/80. No visible pyrite in quartz. Sample is footwall, vein and hanging wall. Vein runs almost parallel to syenite dyke= 279/82
585022	665369	5379685	< 0.005	Quartz vein	Quartz boudin in mafic host w/ in brittle shear. Very little visible pyrite on some contacts. Some hematite and limonite
585023	665349	5379698	< 0.005	Brittle shear zone	Mafic porphyry in brittle shear w/ 10% pyrite striing at 200.
585024	665301	5379774	0.024	Chert-magnetite-banded ironstone	*Note: Sample description states a gabbro however the pictures seem to be oxide facies ironformation.*
585025	665300	5379769	< 0.005	Massive flow, fine to medium grained	Fine grained basalt from contact with structure of sample 585024 hanging wall.
585026	665288	5379795	< 0.005	Quartz vein	Meandering quartz vein in mafic host. Very little visible anything (Limonite?). 2-3cm wide.
585027	665214	5379937	< 0.005	Siltstone, mudstone; locally phyllite	Quartz and dacite in mafic host (Possibly mafic sediments). Very little visible pyrite in silicates

Sample ID	Easting (mE)	Northing mN	Au (ppm)	Lithology	Description
585028	665209	5379940	0.021	Siltstone, mudstone; locally phyllite	Possible mafic sediment mentioned in 585027. Also possibly weak shearing. Fine grained mafic w/ foliation = 220. 5-10% pyrite, limonite. Hematite, magnetite.
585029	665248	5379868	0.087	Massive flow, fine to medium grained	Mafic fine to medium grained w/ magnetite. Very little visible pyrite.
585251	664630	5378600	< 0.005		Small 10 to 20cm wide shear. Some pyrite. Some quartz.
585252	664634	5378603	< 0.005	quartz vein	2cm hematized vein. Strike 360, dip 85 degrees to e.
585253	664632	5378603	< 0.005	quartz vein	Some quartz in shear
585254	664626	5378600	0.096		10 to 15cm of quartz and silicified rock. 1% pyrite in places. Very magnetic. Strike 240?, dip 85 degrees to nw.
585255	664629	5378599	< 0.005		Hanging wall of shear. Some pyrite. Not magnetic.
585256	664630	5378588	< 0.005		Shear, hanging wall of 585257. Magnetic low to high.
585257	664623	5378585	0.015		Mized quartz chlorite. 0.5% pyrite over 35cm. Some pieces are magnetic.
585258	664627	5378589	< 0.005		Hanging wall of 585259. Shear hematized. Subcrop? Pulled up by hoe in trough. Seems to be from here. Not magnetic.
585259	664626	5378586	< 0.005		Quartz and silicified shear over 15cm. 0.5% pyrite. Subcrop? Same as above 585258. Not magnetic.
585260	664613	5378573	0.038	quartz vein	Shear with some quartz. Some pyrite. Not magnetic. Outcrop. Foliation 220 dip 80 degrees to nw.
585261	664616	5378580	0.179	quartz vein	Shear, some quartz, very magnetic.
585262	664608	5378571	0.019	quartz vein	Iron formation very magnetic. Quartz, some pyrite.

Sample ID	Easting (mE)	Northing mN	Au (ppm)	Lithology	Description
585263	664624	5378569	0.009	quartz vein	Iron formation. Highly magnetic. Some quartz.
585264	664621	5378568	0.005		Hematized shear 1m wide. 1% pyrite in places. Foliation 270?
585265	664718	5378994	> 10.0	quartz vein	3cm wide quartz vein. Magnetic low/med. 5%pyrite. Pele trench.
585266	664685	5378949	0.92	quartz vein	Not magnetic. Quartz and shearing over 20cm. Very rusty. 5% pyrite.
585267	664682	5378946	1.27	quartz vein	20 cm of quartz vein. Scilicified material. 5% pyrite, Not magnetic. Pele trench.
585268	664694	5378954	0.353	quartz vein	Shear quartz and scilicified over 40cm wide. Pyrite. Not magnetic. Pele trench.
585269	664659	5378934	0.168	quartz vein	Shear zone. Some quartz. 0.5% pyrite. Pele trench.
585270	664663	5378939	0.274		Hanging wall of 585271. 1% pyrite. Pele trench.
585271	664665	5378932	2.75	quartz vein	4cm wide quartz vein. Some pyrite. Strike 310, dip 80 degrees to sw.
585272	664665	5378930	1.74	quartz vein	Hematite alteration. Some quartz. Some pyrite, Chalcopyrite and Galena. Pele trench.
585273	664621	5378537	0.005	quartz vein	Quartz and silicified 5% pyrite in places. Very magnetic. Small shear.
585274	664618	5378540	0.006		Small shear 1% pyrite. Not magnetic.
585275	664614	5378528	< 0.005		Small 20 cm shear in iron formation. Not magnetic. Hematized spotting. Foliation 220.
585276	664610	5378524	0.369	quartz vein	Small quartz vein in iron formation. 5% pyrite, very magnetic.
585277	664590	5378508	0.229	quartz vein	Small 20 to 30cm shear in iron formation. Not magnetic. Some quartz veining 0.5% pyrite. Foliation 220.
585278	664591	5378511	0.009		Slightly sheared
585279	664614	5378499	0.01		Shear zone. Foliation 220, dip 70 to nw.
585280	664509	5378444	0.019	quartz vein	Flat lying 2 to 3cm wide quartz vein in iron formation. Some chalcopyrite.
585281	664506	5378442	0.022	Chemical Metasedimentary Rocks (Undifferentiated)	Small shear in iron formation. Pyrite 0.5% to 3%.
585282	664502	5378433	< 0.005	quartz vein	Shear zone w/ 1cm wide quartz vein. Not magnetic.

Sample ID	Easting (mE)	Northing mN	Au (ppm)	Lithology	Description
585283	664502	5378429	0.014	quartz vein	6cm quartz vein plus many other smaller pieces. Can not find source but must be close. May see it after washing. Hematite.
585284	664502	5378424	0.017		Hematized shear w/ some pyrite.
585285	664503	5378428	0.01		Medium to low magnetics. 2% pyrite.
585286	664503	5378417	< 0.005	quartz vein	Quartz vein. Brecciated and doudenage. 4 cm wide and 40cm long. Not magnetic.
585287	664501	5378405	0.099	quartz vein	Quartz in shear. Hematite, pyrite. 2 or 3 small 1cm wide quartz veins along fractures. 1% chalcopyrite. All strike 120 to se. Seems to be vertical.
585288	664505	5378409	0.006		Small shear. Not magnetic.
585289	664508	5378398	0.009		Small rusty shear. Nor magnetic. Bedrock?
585290	664511	5378400	0.017	quartz vein	Small black shear. Small 2cm quartz vein. Not magnetic.
585291	664520	5378383	0.023		Shear zone. Not magnetic. 0.5% pyrite.
585292	664520	5378382	0.005	quartz vein	Shear zone, not magnetic. Some quartz stringers. 1% pyrite in shear. Foliation 220.
585351	664535	5379356	0.122	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Hematized mafic volcanics w/ 3% pyrite. Some quartz.
585352	664534	5379360	0.000	Intermediate to Felsic Metavolcanic Rocks (Undifferentiated)	Rhyolite dyke? 25cm wide. Some pyrite. Strike 240, dip vertical.
585353	664539	5379357	0.011	quartz vein	2cm wide quarts vein w/ in mafic volcanics. Foliation 240, dip ??
585354	664536	5379361	0.151	Intermediate to Felsic	Mafic volcanics w/ 3% pyrite. Sheared. Foliation 240, Dip 85 degrees nnw.

Sample ID	Easting (mE)	Northing mN	Au (ppm)	Lithology	Description
				Metavolcanic Rocks (Undifferentiated)	
585355	664523	5379362	0.000	quartz vein	5 to 10 cm quartz vein in mafic volcanics. Boulder from bedrock. Quartz shows in bedrock.
585356	664517	5379371	0.000	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Mafic volcanics w/ 1% pyrite.
585357	664479	5379370	0.009	quartz vein	1cm quartz vein in shear. Some pyrite. Foliation 220, dip 85 se.
585358	664477	5379373	0.147	quartz vein	1cm quartz vein in shear zone. Some pyrite. Foliation 220, dip 85 nw.
585359	664474	5379377	0.119	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Sheared mafic volcanics w/ 1% pyrite. Foliation 22 degrees, dip ??.
585360	664465	5379375	0.000	quartz vein	2 - 5 cm wide quartz vein w/ some pyrite. Foliation 220, dip 80 degrees se.
585361	664460	5379374	0.019	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Shear in mafic volcanics. 1cm quartz stringers. 1% pyrite. Foliation 220, dip 80 degrees to nw.
585362	664458	5379382	0.009	Intermediate to Mafic Metavolcanic	Mafic volcanics w/ 2% pyrite. Foliation 230, dip 80 degrees to nnw.

Sample ID	Easting (mE)	Northing mN	Au (ppm)	Lithology	Description
				Rocks (Undifferentiated)	
585363	664443	5379389	0.005	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Mafic volcanics. Quartz stringers.
585364	664436	5379391	0.008	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	2cm quartz vein in mafic volcanics. Strike 230, dip 50 degrees to se.
585365	664440	5379394	0.005	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Mafic volcanics. Hanging wass of 585364. Cross cutting fractures/shear 140, dip 80 degrees to ne.
585366	664437	5379389	0.000	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Footwall of 585364. Mafic volcanics. 1% pyrite.
585367	664431	5379393	0.032	Intermediate to Felsic Metavolcanic Rocks (Undifferentiated)	Rhyolite? 3% pyrite in places.

Sample ID	Easting (mE)	Northing mN	Au (ppm)	Lithology	Description
585368	664427	5379396	0.007		Shear. Some pyrite
585369	664118	5378603	0.386	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	1cm wide quartz vein w/ chalcopyrite in mafic volcanics. Strike 240, dip 85 degrees to nw.
585370	664533	5379427	0.000	quartz vein	4cm quartz vein on angular boulder. Very likely it is close to its home.
585371	664600	5379401	0.074	quartz vein	Small quartz stringer in shear zone. Foliation 240, dip 80 degrees nw
585372	664741	5379685	0.006	quartz vein	2cm quartz vein in mafic volcanics. Angular boulder pulled down by hoe.
585373	664746	5379673	0.000	quartz vein	15cm quartz boulder. Angular probably from ditch.
585374	664656	5379459	0.008	quartz vein	Angular boulder in road. 2cm quartz vein.
585375	664729	5379678	0.000		Footwall next to shear. Foliation 360?, dip 85 to e.
585376	664733	5379673	0.000	quartz vein	3cm quartz vein in shear. Pyrite 0.5%. Strike 360? Dip 85 degrees to e.
585377	664732	5379672	0.000		Hanging wall of shear next to 3cm quartz vein. Foliation 360?, dip 85 degrees to e.
585378	664745	5379667	0.011	quartz vein	10cm quartz vein in shear zone. Foliation 210, dip 85 degrees to e.
585379	664761	5379636	0.000		Shear zone. Foliation 230, dip 85 degrees to nw.
585380	664757	5379629	0.020		Shear zone. Some pyrite. Foliation 220, dip 85 to nw
585381	664785	5379572	0.037	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Mafic volcanic? Pyrite 0.25%. Hanging wall.
585382	664788	5379571	0.036	quartz vein	1m shear with quartz over its width. 2% pyrite in places. Foliation 200, dip 76 degrees to nw.
585383	664788	5379570	0.65	quartz vein	Mafic volcanics. Trace pyrite. Footwall.

Sample ID	Easting (mE)	Northing mN	Au (ppm)	Lithology	Description
585384	664779	5379590	0.007	quartz vein	2cm quartz vein in mafic volcanics. 0.5% pyrite, hematized. Strike 200, dip 80 degrees to nw.
585385	664771	5379611	0.012	Intermediate to Felsic Hypabyssal Rocks (Undifferentiated)	1m porphry dyke. 0.5% pyrite. Strike 220, dip 75 degrees nw.
585386	664284	5378374	0.013	quartz vein	Quartz stringer and veins. 1 vein 10cm wide over 0.5m. Foliation is 200, dip 50 degrees to nw.
585387	665175	5379086	0.005		1m wide shear w/ hematite. Alteration zone. Foliation 220, dip 80 degrees nw.
585388	665181	5379077	< 0.005		Footwall of shear.
585389	665181	5379077	< 0.005		Quartz/selicified area. 10m wide, some seems of pyrite.
585390	665181	5379076	0.014		Another silicified section 10 to 15m wide. Pyrite.
585391	665181	5379075	0.008		Sheared rusty section. Some quartz blebs. Pyrite.
585392	665187	5379074	0.025	Chemical Metasedimentary Rocks (Undifferentiated)	Shear and some quartz in iron formation.
585393	665191	5379066	< 0.005	Chemical Metasedimentary Rocks (Undifferentiated)	Iron formation pyrite
585394	665199	5379041	0.071		Small shear. Some pyrite.
585395	665213	5378990	< 0.005		Small shear. Foliation 360, vertical dip.

Sample ID	Easting (mE)	Northing mN	Au (ppm)	Lithology	Description
585396	665192	5379056	< 0.005		Ankerite alteration zone.
585397	664644	5378655	0.067		Fractured magnetic, 1% pyrite.
585398	664644	5378649	0.046		Iron formation.
585399	664642	5378626	< 0.005		Altered seds? Hematized. Some pyrite.
585400	664638	5378607	< 0.005		Some hematizing. Some pyrite. Shear.
585401	664674	5379011	0.127	Intermediate to Felsic Metavolcanic Rocks (Undifferentiated)	Blue-black, fine grained IM volcanic; strong magnetite; hematite blotches spotting surface of joints all over outcrop and collected sample. Vfg black magnetite. Coarse to medium grained mica associated w/ hematite+magnetite. Rock is slightly silicified. Trace to 2% disseminated pyrite.
585402	664674	5379005	0.287	Deformation zone (Undifferentiated)	Strong mag; sheared unit of discontinuous (unit may diverge vertically) hem+mag with minor coarse grained micas up to 15cm wide. Unit is part of a series of similarily trending hem+mag veins; trace pyrite
585403	664690	5378992	0.315	Quartz vein	Qtz vein ~4cm wide; adjacent to hem+mag vein and host IM. Host IM has ~5-10% py within fine qtz stockwork and along foliation/lineation(?) direction; host is moderately silicified; qtz veining has multiple generations.
585404	664733	5378970	0.262	Quartz vein	Qtz+mag+hem ~4cm vein; shouldered by IM host and vescicular IM volcanic (porphyry?); spatial association to syenite?/fine grained grey-pink granite; slight to moderate magnetism
585405	664733	5378971	0.009	Syenite dyke	Fine grained pinkish unit; granitic intrusive/syenite?; highly magnetic veinlettes and pods cross cutting unit with py up to 8%
585406	664735	5378968	0.000	Quartz-feldspar porphyry	Pinkish-grey, altered QFP; altered by mag+hem with up to 2% pyrite mineralization; alteration zone is wedge shaped and steeply dipping

Sample ID	Easting (mE)	Northing mN	Au (ppm)	Lithology	Description
585407	664654	5379017	0.614	Intermediate to Felsic Metavolcanic Rocks (Undifferentiated)	Dark-grey-green-black medium grained micaceous, magnetic and foliatied IM volc. unit on shoulder of ~7cm wide hem+mag+mica vein; trace 2% disseminated py and minor po??
585408	664754	5379064	0.006	Syenite dyke	Fine grained syenite? With mag+hem veins and py min. up to 5%; highly weathered unit with block size averaging 3-5cm; carb/ank alteration?; unit is 20cm wide and rests within IM unit
585409	664758	5379062	0.000	Syenite dyke	Fine grained syenite? With weathered magnetite grains surrounded by pink fsp; trace py noted; unit ~15cm wide; not laterally contiguous and appears to plunge to the North?
585410	664491	5379100	0.224	Intermediate to Felsic Metavolcanic Rocks (Undifferentiated)	IM volcanic hosting shear with orange and red hem+mag+grey, f.g. qtz finely veined throughout 12cm wide shear; no noted mineralization; shouldered IM unit is competent outside of shear
585411	664502	5379083	0.058	Intermediate to Felsic Metavolcanic Rocks (Undifferentiated)	Sheared IM volc hosting thin blue-grey qtz veinlets which appear stretched along foliation and are occasionally discontinuous; these veinlets are common throughout unit and often appear pink due to increasing carb/fsp content; f.g. trace, disseminated pyrite are elongated along foliation direction; rock is magnetic; ~90% silicate alteration to chlorite and micas; phyllitic appearance
585412	664505	5379085	0.013	Intermediate to Felsic Metavolcanic Rocks (Undifferentiated)	Sheared IM volcanic; v. similar to prev sample; trace pyrite, pyrite content increases where org+red hematite increases; qtz veinlets slightly pinkish; most qtz is discontinuous across sample; magnetic; zone ~12cm wide

Sample ID	Easting (mE)	Northing mN	Au (ppm)	Lithology	Description
585413	664554	5379070	0.000	Feldspar porphyry	Buried exposure; biotite altered fsp porphyry?; fsps are rare; lathey black amphiboles + bt within pinkish-brown-red rock; dyke/intrusive ~50-60cm width
585414	664616	5379144	0.071	Intermediate to Felsic Metavolcanic Rocks (Undifferentiated)	Buried; near a weathered qtz pod (5x4cm); trace py in pod and veins cutting through sample; unit is within sheared IM; qtz+hem+mag; qtz is vuggy, cockscomb texture indicates growth in vacant space and volatile activity?; up to 2% py within veinlets and disseminated in IM host
585415	664583	5379144	0.012	Amphibolite	Altered hornblendite? Vfg matrix; very minor silicification; carb+hem+chl altered; minor qtz blebs up to 5% localized pyrite associated with increasing hematite content; grey-blue-pink colour
585416	664635	5379302	0.000	Intermediate to Felsic Metavolcanic Rocks (Undifferentiated)	Sheared, blue-grey IM volcanics with sporadic qtz veining, mag+hem
585417	664626	5379312	0.541	Chert-magnetite-banded ironstone	Buried; Sheared IM with mag+hem+ up to 3% py+qtz/carb veining, ~50cm wide, black, dark red, fissile unit; sample is cherty with black magnetite banding
585418	664112	5378602	0.016		Strongly weather and chlorite altered basalt.
585419	664122	5378606	0.010		Chlorite altered basalt.
585420	664091	5378598	0.009		Strongly foliated and chlorite altered basalt with 1-2mm quartz veining.
585421	664070	5378607	0.016		Chlorite altered basalt.
585422	664095	5378674	0.009		Sample from trench now filled with water. Greasy chlorite altered basalt.
585423	664254	5379059	0.000	Quartz vein	Small quartz vein 1-2 cm wide. Vein = 60/60
585424	664256	5379071	0.000	Chemical Metasedimentary Rocks (Undifferentiated)	2cm wide quartz vein in sediments. Strike 220 degrees, dip 60 degrees to sse. Some pyrite

Sample ID	Easting (mE)	Northing mN	Au (ppm)	Lithology	Description
585425	664245	5379077	0.024	Chemical Metasedimentary Rocks (Undifferentiated)	Shear zone in sediments. 5% pyrite. Foliation 220 degrees, dip 60 degrees sse.
585426	664244	5379083	0.012	Chemical Metasedimentary Rocks (Undifferentiated)	Shear zone. Pyrite 2%. Foliation 220 degrees, dip 60 degrees sse.
585427	664231	5379087	0.014	Chemical Metasedimentary Rocks (Undifferentiated)	Shear zone with 2% pyrite. Foliation 240, dip 80 degrees north.
585428	664222	5379094	0.000	Chemical Metasedimentary Rocks (Undifferentiated)	Shear zone within sediments. 3% pyrite. Foliation 240, dip 80 degrees nnw.
585429	664224	5379102	0.014	Chemical Metasedimentary Rocks (Undifferentiated)	Shear zone within seds w/ 1% pyrite. Foliation 240 degrees, dip 90 degrees.
585430	664223	5379091	0.005	Chemical Metasedimentary Rocks (Undifferentiated)	Shear zone? w/ in sediments. Breccia? Foliation 270, dip 90.
585431	664048	5378824	0.009	Intermediate to Felsic Hypabyssal	Porphyry, pyrite

Sample ID	Easting (mE)	Northing mN	Au (ppm)	Lithology	Description
				Rocks (Undifferentiated)	
585432	664057	5378816	0.023	Quartz vein	Quartz veining in ??? 1.2m wide. Some pyrite.
585433	664056	5378808	0.005	Quartz vein	Quartz veining in ??? 1.2m wide. Some pyrite.
585434	664054	5378809	0.327	Quartz vein	Quartz veining in ??? 1.2m wide. Some pyrite.
585435	664062	5378805	0.005		Shear zone, dark seds? 5% pyrite.
585436	664068	5378802	0.000		Shear zone roughly .5m wide. Trace pyrite.
585437	664084	5378791	0.000	Quartz vein	Shear. 0.5% pyrite. 1cm quartz vein. No direction. Foliation 240, dip 85 degrees nnw.
585438	664092	5378773	0.000	Intermediate to Felsic Hypabyssal Rocks (Undifferentiated)	Porphyry, 0.5% pyrite,
585439	664532	5378845	0.008	Quartz vein	1 to 2 cm quartz vein w/ in mafic volcanics. Strike 220 degrees, dip 20 degrees se.
585440	664535	5378850	0.020	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Mafic volcanics w/ some pyrite.
585441	664503	5378896	0.000		Shear zone. Foliation 200, dip 70 degrees east.
585442	664489	5378887	0.005		Shear zone. Foliation 240, dip 70 degrees nnw.
585443	664499	5379190	0.000	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Rusty mafic volcanics. Pyrite, 0.5cm quartz stringer. Strike 140? Dip 20 degrees west.

Sample ID	Easting (mE)	Northing mN	Au (ppm)	Lithology	Description
585444	664522	5379187	0.005	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Mafic volcanic. Pyrite.
585445	664525	5379185	0.007		1m wide shear zone. Foliation 240, dip ??
585446	664563	5379336	0.030		0.5m wide shear zone. Foliation 240, dip 90.
585447	663415	5378647	0.000		1m wide shear zone. Foliation 230, dip 80 degrees nw.
585448	663419	5378664	0.041	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Quartz stringer and pyrite in rusty mafic volcanics.
585449	663419	5378669	0.000	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	2 to 3 cm quartz vein w/ in mafic volcanics. Strike 260, dip 90 degrees.
585450	664548	5379353	0.008		1m wide rusty shear zone. Foliation 220, dip ??.
585451	669909	5381711	0.000	Quartz vein	Quartz vein w/ in pink granite
585452	664487	5379094	0.000	Massive flow, fine to medium grained	Fine grained, moderately foliated mafic volcanics. Slight oxidation on weathered surface. Minor carb and weakly magnetic.
585453	664499	5379088	0.020	Intermediate to Mafic Metavolcanic	Strongly sheared area. Strongly weathered and rusty. Protolith appears to be mafic volcanics. Fine grained pyrite fractures surfaces less than 1%.

Sample ID	Easting (mE)	Northing mN	Au (ppm)	Lithology	Description
				Rocks (Undifferentiated)	
585454	664517	5379081	0.015	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Very fine-grained blue/green mafic volcanics, strongly chlorite altered. No sulphides.
585455	664535	5379072	0.025	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Medium grained micas in fine grained chlorite altered mafic volcanics. 1-3mm quartz veins along fracture surfaces. Up to 25% micas.
585456	664566	5379058	0.012	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Massive fne grained chlorite altered mafic volcanics. Maybe slightly sericite altered. Minor carbonate blobs <2mm wide.
585457	664543	5379162	0.354	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Rep sample of shear zone. Heavily sheared mafic volcanics, breaks into dust in the hand. 1m wide zone. Shear at 220/45.
585458	664539	5379164	0.005	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	1.5m shear zone. Foliated mafic volcanics, fine grained, chlorite altered. 2-3% sulphide (Pyrite?) unable to identify due to the sulphides being completely oxidized/rusted.

Sample ID	Easting (mE)	Northing mN	Au (ppm)	Lithology	Description
585459	664542	5379162	0.079	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Sample of pieces 10 - 20cm in size from about 1m above the shear zone. Very fine grained, chlorite altered mafic volcanic. Weathered surfaces very rusty/red. Fresh surface has fine grained pyrite along fracture surfaces. 1% sulphide.
585460	664548	5379157	3.020	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Approx 2m above the shear zone. Protolith is fine grained mafic volcanic. Sulphide along fracture surfaces up to 10% sulphides.
585461	664677	5379283	>5	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Quartz vein in mafic volcanics. Weathered surface is red. Rusted sulphides along contact. 1-6cm wide.
585462	664660	5379279	0.037	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Brown rubbly shear zone on side of trench road. Origional rock appears to be mafic volcanics.
585463	664609	5379317	0.014	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Minor rust. Origionally mafic volcanics. Sample from across 1 meter.
585464	664603	5379316	0.016	Early Intermediate to	Pink biotite phyric granite. Small dkye? 2 meters by 0.5m. Medium grained, weakly foliated w/ the mafic minerals (hornblends, biotite) No sulphides.

Sample ID	Easting (mE)	Northing mN	Au (ppm)	Lithology	Description
				Felsic Intrusive Rocks (Undifferentiated)	
585465	664062	5378921	0.000	Intermediate to Mafic Metavolcanic Rocks (Undifferentiated)	Massive or semi massive sulphides. Purple weathering (sphalerite?), and orange rust. Layered appearance to the sulphide. Mafic protolith?
585466	664075	5378905	0.026	Chemical Metasedimentary Rocks (Undifferentiated)	Origional rock appears to be sedimentary. Heavily oxidized pyrite and sphalerite. Sub-angular quartz crystals up to 0.5cm in size. Globular pyrite on frash surfaces.
585467	664075	5378906	0.005		Strongly sulphide altered pyrite and sphalerite along fracture surfaces.
585468	664075	5378912	0.046		Very fine grained origional rock. Oxidized sulphides along fracture surfaces.
585469	664070	5378910	0.027		Very fine grained host rock w/ sulphide alteration along fracture surfaces. Pyrite/sphalerite roughly 5%.
585470	663339	5377944	0.126	Quartz vein	Grab sample from rusty ridge found while georeferencing. Quartz vein with sulphides along contact.
585471	663848	5378782	0.006		Competent rock from beside rubbly shear. Shear striking Az 250. Globular pyrite along foliation surfaces. 1-2% sulfides.
585472	663851	5378773	0.000		Quartz/ plagioclase porphyry. Fine grained cubic pyrite. 1-2% sulfides. Up to 10% sulfide along fracture surfaces. Orange-red surface weathering.
585473	663588	5378717	0.024		Sample of rubble from shear zone.
585474	663603	5378700	0.011		Strongly foliated biotite rich mafic volcanic. Minor carbonate veining. Trace sulfides.
585475	663618	5378675	0.000		Quartz vein near shear zone. 1-7cm width.
585476	663620	5378677	0.000		Fine grained felsic volcanic from 1m above quartz vein. Trace sulfides.

Sample ID	Easting (mE)	Northing mN	Au (ppm)	Lithology	Description
585477	663637	5378662	0.011		Coarse grained quartz and k feld porphyry. Slightly foliated. Trace sulfide, minor sericite alteration.
585478	664727	5378966	0.524		Quartz vein 2-7cm wide. Light grey quartz. 20% of sample is wall rock. Possible vg and trace galena.
585479	664732	5378969	0.007		Vesicular rhyolite taken 2 feet from vein.
585480	664731	5378972	0.448		Re-sample of quartz vein, no wall rock. Very weathered. 2-3cm wide.
585481	664461	5378926	0.029		Moderately sheared mafic. Trace sulfides.
585482	664461	5378927	0.000		Quartz vein in shear, fresh surface is white. Orange-red weathering.
585483	664468	5378929	0.000		Pure quartz vein on surface in soil. Offset lenses?
585484	664470	5378925	0.005		Vuggy weathered quartz blob, non competent. 50% quartz.
585485	663426	5378639	0.012		Elongated quartz in mafic volcanic. Pyrite stringers up to 5%. "Mine Rock"
585486	663501	5378580	0.000		Chip sample from quartz vein along mafic fracture surface. Mostly eroded away. Small sample size.
585487	663500	5378570	0.000		Mafic. Slightly elongated quartz crystals. Trace sulfides.
585488	664507	5378915	0.000		2cm quartz vein folded. Orange surface weathering. Host is highly sheared and sericite altered. Sample is 30-40% quartz vein.
585489	664511	5378918	0.010		Massive felsic host. Trace sulfide.
585490	664514	5378918	0.000		High grade sample from pod of quartz. White quartz with red surface weathering.
585491	664508	5378918	0.000		White quartz pod. Orange-yellow and red weathering.
585492	663521	5378544	0.041		very fine grained. Moderately sheared. Trace sulfides along fracture surfaces.
585493	663530	5378525	0.006		2 cm wide grey quartz vein in foliated mafic. Fist sized sample.
585494	663545	5378513	0.000		basalt. Weak chlorite alteration. Sheared area. 1% pyrite.
585495	663508	5378563	0.041		Pink granite. Sericite altered. Medium grained.
585496	663472	5378579	0.006		Sheared basalt adjacent to thin pink granite intrusion.
585497	663425	5378627	0.000		White and jade green quartz pod hosted in basalt. Very sharp. 30-15cm.
585498	663644	5378646	0.019		Black very fine graine chert. Sulfide along weathered surface.

Sample ID	Easting (mE)	Northing mN	Au (ppm)	Lithology	Description
585499	663645	5378646	0.000		Chlorite altered felsic to intermediate.
585500	663660	5378613	0.006		Rubble from shear zone from 60 cm section.

18 Appendix II – Channel Collar Information

Table 10 – Channel sample collar information

Trench	HOLE-ID	Azimuth	Dip	LOCATION X	LOCATION Y	LENGTH
13E	13E 1	128	0	664631	5379034	3.29
13E	13E 2	112	0	664633	5379034	0.87
13E	13E 3	114	0	664634	5379033	1.08
13E	13E 4	116	0	664635	5379033	0.48
13E	13E 5	100	0	664636	5379034	2.18
13E	13E 6	94	0	664637	5379033	0.94
13E	13E 7	108	0	664641	5379033	0.63
13E	13E 8	130	0	664644	5379031	1.57
13E	13E 9	112	0	664645	5379031	1.08
13E	13E 10	120	0	664646	5379030	1.99
13E	13E 11	134	0	664648	5379030	3.1
13E	13E 12	138	0	664650	5379028	0.4
13E	13E 13	144	0	664651	5379028	0.66
13E	13E 14	140	0	664652	5379028	1.52
13E	13E_15	138	0	664654	5379028	1.3
13E	13E_16	120	0	664655	5379027	1.99
13E	13E_17	142	0	664657	5379026	2.64
13E	13E_18	120	0	664662	5379025	0.73
13E	13E_19	130	0	664663	5379024	1.09
13E	13E_20	136	0	664664	5379024	3.67
13E	13E_21	148	0	664666	5379020	0.56
13E	13E_22	160	0	664667	5379020	1.08
13E	13E_23	162	0	664667	5379019	0.94
13E	13E_24	148	0	664668	5379018	1.1
13E	13E_25	62	0	664668	5379017	0.76
13E	13E_26	154	0	664669	5379017	2.67
13E	13E_27	122	0	664671	5379015	2.36
13E	13E_28	128	0	664673	5379014	3.15
13E	13E_29	144	0	664674	5379010	2.91
13E	13E_30	92	0	664675	5379010	1.33
13E	13E_31	118	0	664677	5379008	0.32
13E	13E_32	48	0	664677	5379007	0.46
13E	13E_33	140	0	664677	5379007	2.79
13E	13E_34	132	0	664679	5379004	3.68
13E	13E_35	100	0	664681	5379005	1.08
		91				
13E	13E_37	131	0	664683	5379003	1.93

Trench	HOLE-ID	Azimuth	Dip	LOCATION X	LOCATION Y	LENGTH
13E	13E_38	142	0	664686	5378999	1.15
13E	13E_39	92	0	664687	5378999	1.76
13E	13E_40	160	0	664688	5378997	1.4
13E	13E_41	132	0	664688	5378996	1.57
13E	13E_42	144	0	664690	5378994	1.05
13E	13E_43	144	0	664691	5378994	1.13
13E	13E_44	136	0	664692	5378993	1
13E	13E_45	136	0	664693	5378992	1.42
13E	13E_46	104	0	664693	5378991	0.36
13E	13E_47	184	0	664694	5378991	0.64
13E	13E_48	92	0	664695	5378989	0.88
13E	13E_49	160	0	664695	5378989	2.08
13E	13E_50	92	0	664696	5378988	0.9
13E	13E_51	118	0	664699	5378982	2.48
13E	13E_52	120	0	664701	5378978	1.91
13E	13E_53	120	0	664702	5378979	3.43
13E	13E_54	132	0	664705	5378977	2.02
13E	13E_55	121	0	664707	5378976	5.1
13E	13E_56	140	0	664705	5378975	1.19
13E	13E_57	122	0	664719	5378976	1.05
13E	13E_58	128	0	664720	5378977	5.44
13E	13E_59	138	0	664726	5378974	1.12
13E	13E_60	136	0	664727	5378974	2.14
13E	13E_61	120	0	664729	5378973	1.15
13E	13E_62	116	0	664730	5378972	4.31
13E	13E_63	130	0	664735	5378975	1.52
13E	13E_64	134	0	664736	5378975	0.58
13E	13E_65	112	0	664737	5378974	1.07
13E	13E_66	124	0	664737	5378974	0.89
13E	13E_67	122	0	664738	5378973	1.32
13E	13E_68	116	0	664739	5378972	0.52
13E	13E_69	136	0	664739	5378972	1.44
13E	13E_70	154	0	664741	5378972	3.58
13E	13E_71	30	0	664744	5378970	1.09
13E	13E_72	24	0	664744	5378970	1.1
13E	13E_73	138	0	664751	5378969	2.02
13E	13E_74	16	0	664754	5378969	1.17
13E	13E_75	148	0	664697	5378962	3.27
13E	13E_76	154	0	664699	5378959	1.1
13E	13E_77	150	0	664700	5378959	3.43
13E	13E_78	164	0	664703	5378956	1.85
13E	13E_79	92	0	664701	5378959	1.87

Trench	HOLE-ID	Azimuth	Dip	LOCATION X	LOCATION Y	LENGTH
13E	13E_80	94	0	664703	5378959	1.14
13E	13E_81	162	0	664699	5378952	2.01
13E	13E_82	159	0	664700	5378951	0.63
13E	13E_83	149	0	664702	5378951	3.83
13E	13E_84	154	0	664689	5378952	4.46
13E	13E_85	140	0	664690	5378947	3.62
13E	13E_86	176	0	664690	5378950	5.99
13E	13E_87	140	0	664663	5378938	1.26
13E	13E_88	158	0	664664	5378936	2.08
13E	13E_89	172	0	664665	5378934	0.66
13E	13E_90	152	0	664665	5378933	0.9
13E	13E_91	162	0	664665	5378932	0.98
13E	13E_92	168	0	664666	5378931	0.66
13E	13E_93	170	0	664665	5378931	1.87
13E	13E_94	48	0	664667	5378931	1.3
13E	13E_95		0	664716	5378997	3.66
14E	14E_1	137	0	664688	5379097	9.31
14E	14E_2	162	0	664694	5379091	0.94
14E	14E_3	132	0	664696	5379092	0.98
14E	14E_4	121	0	664697	5379091	3.97
14E	14E_5	192	0	664698	5379090	1.2
14E	14E_6	138	0	664702	5379088	2.14
14E	14E_7	112	0	664702	5379087	0.55
14E	14E_8	112	0	664703	5379088	2.17
14E	14E_9	120	0	664711	5379084	1.9
14E	14E_10	118	0	664716	5379081	6.28
14E	14E_11	20	0	664722	5379079	0.79
14E	14E_12	120	0	664724	5379078	1.1
14E	14E_13	118	0	664725	5379079	1.24
14E	14E_14	120	0	664726	5379078	0.84
14E	14E_15	120	0	664726	5379078	0.6
14E	14E_16	120	0	664727	5379078	0.3
14E	14E_17	75	0	664728	5379078	3.75
14E	14E_18	86	0	664730	5379078	0.35
14E	14E_19	112	0	664733	5379077	1.05
14E	14E_20	111	0	664734	5379077	1.3
14E	14E_21	112	0	664736	5379077	1.28
14E	14E_22	138	0	664737	5379076	0.4
14E	14E_23	110	0	664737	5379076	0.45
14E	14E_24	138	0	664737	5379077	0.5
14E	14E_25	140	0	664737	5379076	0.6
14E	14E_27		0	664737	5379077	0.75

Trench	HOLE-ID	Azimuth	Dip	LOCATION X	LOCATION Y	LENGTH
14E	14E_28	132	0	664740	5379075	0.76
14E	14E_29	50	0	664741	5379074	0.86
14E	14E_30	116	0	664742	5379074	0.7
14E	14E_31	118	0	664742	5379074	0.37
14E	14E_32	124	0	664743	5379073	0.3
14E	14E_33	116	0	664743	5379073	2.2
14E	14E_34	118	0	664745	5379071	0.35
14E	14E_35	120	0	664746	5379070	1.45
14E	14E_36	136	0	664747	5379070	2.2
14E	14E_37	132	0	664749	5379070	2.21
14E	14E_38	140	0	664750	5379068	1.38
14E	14E_39	140	0	664751	5379067	1.62
14E	14E_40	140	0	664753	5379065	1.47
14E	14E_41	120	0	664754	5379066	1.04
14E	14E_42	140	0	664756	5379066	0.36
14E	14E_43	132	0	664756	5379064	2.08
14E	14E_44	124	0	664757	5379064	1.37
14E	14E_45	150	0	664758	5379065	0.3
14E	14E_46	140	0	664758	5379065	1
14E	14E_47	136	0	664759	5379064	0.55
14E	14E_48a	136	0	664759	5379064	0.5
14E	14E_48b		0	664760	5379064	1.3
14E	14E_49	132	0	664762	5379061	0.36
14E	14E_50	132	0	664762	5379061	0.8
14E	14E_51	138	0	664763	5379060	1.86
14E	14E_52	132	0	664764	5379058	1.05
14E	14E_53	138	0	664766	5379059	2.07
14E	14E_54	132	0	664767	5379057	0.7
14E	14E_55	124	0	664768	5379057	6.66
14W	14W_1	283	0	664624	5379130	1.82
14W	14W_2	302	0	664622	5379131	3.1
14W	14W_3	220	0	664608	5379140	1.28
14W	14W_4	302	0	664586	5379142	5.58
14W	14W_5	295	0	664581	5379145	0.48
14W	14W_6	254	0	664563	5379155	1.48
14W	14W_7	261	0	664562	5379156	1.05
14W	14W_8	261	0	664561	5379157	2.84
14W	14W_9	259	0	664558	5379159	1.57
14W	14W_10	255	0	664557	5379157	0.94
14W	14W_11	230	0	664553	5379163	0.91
14W	14W_12	253	0	664553	5379163	6.22
14W	14W_13	293	0	664547	5379165	1.49

Trench	HOLE-ID	Azimuth	Dip	LOCATION X	LOCATION Y	LENGTH
14W	14W_14	215	0	664508	5379194	2.38
13W	13W_1	310	0	664572	5379058	1.8
13W	13W_2	4	0	664556	5379061	2.26
13W	13W_3	221	0	664553	5379066	2.79
13W	13W_4	261	0	664551	5379065	1.26
13W	13W_5	6	0	664548	5379065	1.79
13W	13W_6	24	0	664539	5379067	1.64
13W	13W_7	266	0	664527	5379074	2.18
13W	13W_8	335	0	664524	5379077	3.74
13W	13W_9	301	0	664522	5379080	5.18
13W	13W_10	300	0	664517	5379082	0.69
13W	13W_11	308	0	664517	5379081	6.38
13W	13W_12	301	0	664511	5379083	1.63
13W	13W_13	309	0	664510	5379085	1.41
13W	13W_14	306	0	664509	5379085	1.78
13W	13W_15	21	0	664507	5379085	0.65
13W	13W_16	311	0	664506	5379086	3.02
13W	13W_17	1	0	664504	5379089	0.71
13W	13W_18	312	0	664504	5379090	0.94
13W	13W_19	7	0	664499	5379090	1.23
13W	13W_20	7	0	664499	5379091	0.88
31W	31W_1	172	0	664450	5378932	2.57
31W	31W_2	173	0	664452	5378931	2.41
31W	31W_3	196	0	664459	5378929	2.44
31W	31W_4	159	0	664462	5378934	8.11
31W	31W_5	134	0	664474	5378926	2.95
31W	31W_6	218	0	664476	5378924	1.5
31W	31W_7	133	0	664478	5378921	4.8
31W	31W_8	141	0	664482	5378918	0.55
31W	31W_9	139	0	664485	5378920	2.36
31W	31W_10	114	0	664486	5378920	3.25
31W	31W_11	107	0	664489	5378919	4.76
31W	31W_12	114	0	664493	5378919	1.08
31W	31W_13	106	0	664494	5378919	4.23
31W	31W_14	122	0	664498	5378918	0.46
31W	31W_15	141	0	664504	5378916	2.87
31W	31W_16	157	0	664505	5378916	2.39
31W	31W_17	147	0	664507	5378914	1.15
31W	31W_18	147	0	664509	5378914	0.65
31W	31W_19	141	0	664510	5378914	1.11
31W	31W_20	167	0	664512	5378914	2.23
31W	31W_21	120	0	664512	5378913	2.07

Trench	HOLE-ID	Azimuth	Dip	LOCATION X	LOCATION Y	LENGTH
31W	31W_22	141	0	664516	5378912	2.09
31W	31W_23	147	0	664519	5378911	5.65
31W	31W_24	162	0	664525	5378908	0.81
31W	31W_25	152	0	664526	5378907	0.75
31W	31W_26	144	0	664527	5378907	0.39
31W	31W_27	143	0	664527	5378905	0.66
31W	31W_28	144	0	664528	5378907	2
31E	31E_1	329	0	664634	5378868	0.58
31E	31E_2	120	0	664632	5378866	3.72
31E	31E_3	128	0	664629	5378868	0.89
31E	31E_4	114	0	664627	5378867	3.31
31E	31E_5	335	0	664623	5378866	1.84
31E	31E_6	89	0	664620	5378867	0.65
31E	31E_7	323	0	664619	5378867	1.77
31E	31E_8	338	0	664615	5378866	1.68
31E	31E_9	322	0	664611	5378865	2.23
31E	31E_10	8	0	664609	5378865	1.31
31E	31E_11	317	0	664611	5378852	1.22
31E	31E_12	342	0	664607	5378855	14.1
31E	31E_13	335	0	664605	5378853	7.9
31E	31E_14	333	0	664602	5378861	6.5
31E	31E_15	315	0	664600	5378867	4.87
31E	31E_16	57	0	664601	5378864	1.65
31E	31E_17	316	0	664600	5378860	2.9
31E	31E_18	308	0	664594	5378867	0.45
31E	31E_19	28	0	664591	5378868	2.75
31E	31E_20	14	0	664589	5378869	1.45
31E	31E_21	44	0	664583	5378867	4.76
31E	31E_22	353	0	664578	5378866	3.3
31E	31E_23	329	0	664574	5378867	2.44
31E	31E_24	305	0	664541	5378853	10.32
31E	31E_25	330	0	664533	5378859	3.31
31E	31E_26	309	0	664530	5378861	2.42
31E	31E_27	309	0	664524	5378865	2.01
31E	31E_28	311	0	664522	5378866	1
31E	31E_29	309	0	664521	5378866	0.99
31E	31E_30	321	0	664520	5378867	0.92
31E	31E_31	322	0	664519	5378867	1.01
31E	31E_32	314	0	664515	5378869	8.68
H4	H4_1	331	0	664899	5379317	6.14
H4	H4_2	127	0	664903	5379330	1.6
H4	H4_3	102	0	664905	5379331	2.33

Trench	HOLE-ID	Azimuth	Dip	LOCATION X	LOCATION Y	LENGTH
H4	H4_4	106	0	664907	5379331	2.16
H4	H4_5	108	0	664909	5379331	3.63
H4	H4_6	105	0	664913	5379331	1.05
H4	H4_7	96	0	664914	5379330	3.8
H4	H4_8	96	0	664917	5379330	6.35
H4	H4_9	73	0	664937	5379325	1.05
H4	H4_10	54	0	664938	5379324	1.78
H4	H4_11	49	0	664941	5379325	1.22
H4	H4_12	59	0	664943	5379324	2.15
H4	H4_13		0	664945	5379325	1
H4	H4_14		0	664900	5379318	1
15	15_1	297	0	664704	5379278	19.71
15	15_2	34	0	664696	5379282	0.93
15	15_3	311	0	664684	5379286	11.01
15	15_4	319	0	664676	5379294	9.27
15	15_5	300	0	664667	5379298	5.89
15	15_6	281	0	664660	5379301	14.25
15	15_7	251	0	664647	5379311	4
15	15_8	330	0	664643	5379311	3.21
15	15_9	275	0	664641	5379313	4.38
15	15_10	291	0	664636	5379313	0.68
15	15_11	304	0	664631	5379316	2.32
15	15_12	298	0	664627	5379314	2.28
15	15_13	223	0	664621	5379318	2.92
15	15_14	255	0	664618	5379318	3.14
15	15_15	299	0	664615	5379318	1.24
15	15_16	319	0	664614	5379318	0.78
15	15_17	326	0	664613	5379317	1.41
15	15_18	320	0	664611	5379317	3.23
15	15_19	325	0	664608	5379319	1.61
15	15_20	264	0	664603	5379320	1.83
15	15_21	284	0	664601	5379319	3.53
15	15_22	259	0	664597	5379321	2.48
15	15_23	322	0	664594	5379321	1.03
15	15_24	249	0	664593	5379321	1.65
15	15_25	192	0	664589	5379322	4.37
15	15_26	258	0	664586	5379321	6.79
15	15_27	311	0	664579	5379321	1.03
15	15_28	339	0	664561	5379339	1.97
15	15_29	319	0	664560	5379340	1.77
15	15_30	3	0	664557	5379341	3.98
15	15_31	3	0	664555	5379344	1.92

Trench	HOLE-ID	Azimuth	Dip	LOCATION X	LOCATION Y	LENGTH
15	15_32	356	0	664553	5379346	1.52
15	15_33	319	0	664552	5379347	6.14
15	15_34	320	0	664542	5379355	7.62
15	15_35	334	0	664538	5379354	0.78
15	15_36	344	0	664538	5379355	1.48
15	15_37	332	0	664539	5379361	2.08
15	15_38	320	0	664537	5379363	2.94
15	15_39	290	0	664536	5379361	12.4
15	15_40	304	0	664527	5379366	5.82
15	15_41	316	0	664522	5379368	4.21
15	15_42	323	0	664519	5379373	1.16
15	15_43	317	0	664516	5379372	2.12
15	15_44	311	0	664513	5379372	1.9
15	15_45	295	0	664511	5379373	2.07
15	15_46	295	0	664509	5379372	2.25
15	15_47	289	0	664505	5379372	3.29
15	15_48	283	0	664501	5379373	1.07
15	15_49	297	0	664500	5379373	2.03
15	15_50	297	0	664498	5379373	4.97
15	15_51	303	0	664493	5379373	2.86
15	15_52	304	0	664480	5379379	5.2
15	15_53	293	0	664473	5379383	0.98
15	15_54	305	0	664467	5379387	1.46
15	15_55	300	0	664464	5379388	13.53
15	15_56	285	0	664452	5379395	6.51
15	15_57	304	0	664430	5379407	0.73
15	15_58	303	0	664429	5379408	0.46
15	15_59	260	0	664430	5379409	4.14
15	15_60	305	0	664427	5379410	2.58
15	15_61	301	0	664529	5379361	3.71
15	15_62	295	0	664526	5379363	3.92

19 Appendix III – Channel Sample Information

Table 11 – Channel sample results

Trench ID	Channel ID	Sample ID	Length (m)	From(m)	To(m)	Au (g/t)
14E	14E_1	584051	1.13	0	1.13	< 0.005
14E	14E_1	584052	1.08	1.13	2.21	< 0.005
14E	14E_1	584054	1.06	2.21	3.27	0.005
14E	14E_1	584055	1.05	3.27	4.32	0.005
14E	14E_1	584056	1.01	4.32	5.33	< 0.005
14E	14E_1	584057	0.97	5.33	6.3	0.012
14E	14E_1	584058	1.05	6.3	7.35	< 0.005
14E	14E_1	584059	1.03	7.35	8.38	< 0.005
14E	STD	584060				5.64
14E	14E_1	584061	1.08	8.38	9.46	0.005
14E	14E_2	584062	0.94	0	0.94	< 0.005
14E	14E_3	584063	0.99	0	0.99	< 0.005
14E	14E_4	584064	0.43	0	0.43	< 0.005
14E	14E_4	584065	0.59	0.43	1.02	0.008
14E	14E_4	584066	1.05	1.02	2.07	0.028
14E	14E_4	584067	1.09	2.07	3.16	0.01
14E	14E_4	584068	0.85	3.16	4.01	0.008
14E	14E_5	584069	1.21	0	1.21	0.012
14E	14E_6	584070	1.08	0	1.08	0.005
14E	14E_6	584071	1.08	1.08	2.16	0.058
14E	14E_7	584072	0.56	0	0.56	0.006
14E	14E_8	584073	0.75	0	0.75	0.007
14E	14E_8	584074	0.51	0.75	1.26	0.011
14E	14E_8	584075	0.93	1.26	2.19	0.006
14E	14E_9	584076	1.1	0	1.1	0.005
14E	14E_9	584077	0.81	1.1	1.91	0.007
14E	14E_10	584078	0.55	0	0.55	0.008
14E	14E_10	584079	0.44	0.55	0.99	0.016
14E	STD	584080				< 0.005
14E	14E_10	584081	0.88	0.99	1.87	0.01
14E	14E_10	584082	1.2	1.87	3.07	0.008
14E	14E_10	584083	1.1	3.07	4.17	0.008
14E	14E_10	584084	1.1	4.17	5.27	0.009
14E	14E_10	584085	1.18	5.27	6.45	0.01
14E	14E_11	584086	0.79	0.00	0.79	0.041
14E	14E_12	584087	1.1	0.00	1.10	0.03

Trench ID	Channel ID	Sample ID	Length (m)	From(m)	To(m)	Au (g/t)
14E	14E_13	584088	0.7	0.00	0.70	0.024
14E	14E_13	584089	0.6	0.70	1.30	< 0.005
14E	14E_14	584090	0.86	0.00	0.86	0.007
14E	14E_15	584091	0.8	0.00	0.80	0.005
14E	14E_16	584092	0.55	0.00	0.55	0.011
14E	14E_17	584093	0.4	0.00	0.40	< 0.005
14E	14E_17	584094	0.3	0.40	0.70	0.005
14E	14E_17	584095	0.55	0.70	1.25	0.005
14E	14E_17	584096	0.46	1.25	1.71	< 0.005
14E	14E_17	584097	1.03	1.71	2.74	< 0.005
14E	14E_17	584098	1.2	2.74	3.94	0.009
14E	14E_18	584099	0.35	0.00	0.35	0.078
14E	STD	584100				5.78
14E	14E_19	584101	1.1	0.00	1.10	< 0.005
14E	14E_20	584102	0.9	0.00	0.90	0.005
14E	14E_20	584103	0.4	0.90	1.30	< 0.005
14E	14E_21	584104	1.05	0.00	1.05	< 0.005
14E	14E_21	584105	0.3	1.05	1.35	< 0.005
14E	14E_22	584106	0.4	0.00	0.40	0.03
14E	14E_23	584107	0.46	0.00	0.46	0.016
14E	14E_24	584108	0.62	0.00	0.62	< 0.005
14E	14E_25	584109	0.6	0.00	0.60	< 0.005
14E	14E_26	584110				< 0.005
14E	14E_27	584111	0.75	0.00	0.75	0.005
14E	14E_28	584112	0.78	0.00	0.78	0.03
14E	14E_29	584113	0.9	0.00	0.90	0.012
14E	14E_30	584114	0.7	0.00	0.70	0.012
14E	14E_31	584115	1.2	0.00	1.20	0.009
14E	14E_32	584116	0.31	0.00	0.31	0.013
14E	14E_33	584117	1.1	0.00	1.10	0.007
14E	14E_33	584118	0.53	1.10	1.63	0.006
14E	14E_33	584119	0.61	1.63	2.24	0.005
14E	STD	584120				> 10.0
14E	14E_34	584121	0.4	0.00	0.40	< 0.005
14E	14E_35	584122	0.61	0.00	0.61	< 0.005
14E	14E_35	584123	0.5	0.61	1.11	0.005
14E	14E_35	584124	0.38	1.11	1.49	< 0.005
14E	14E_36	584125	0.97	0.00	0.97	< 0.005
14E	14E_36	584126	1.25	0.97	2.22	< 0.005
14E	14E_37	584127	1.13	0.00	1.13	0.005
14E	14E_37	584128	1.11	1.13	2.24	< 0.005

Trench ID	Channel ID	Sample ID	Length (m)	From(m)	To(m)	Au (g/t)
14E	14E_38	584129	0.75	0.00	0.75	< 0.005
14E	14E_38	584130	0.69	0.75	1.44	< 0.005
14E	14E_39	584131	0.42	0.00	0.42	0.011
14E	14E_39	584132	0.8	0.42	1.22	< 0.005
14E	14E_39	584133	0.6	1.22	1.82	< 0.005
14E	14E_40	584134	0.76	0.00	0.76	< 0.005
14E	14E_40	584135	1	0.76	1.76	< 0.005
14E	14E_41	584136	0.55	0.00	0.55	< 0.005
14E	14E_41	584137	0.5	0.55	1.05	< 0.005
14E	14E_42	584138	0.36	0.00	0.36	< 0.005
14E	14E_43	584139	1.11	0.00	1.11	< 0.005
14E	STD	584140				> 10.0
14E	14E_43	584141	1.08	1.11	2.19	0.005
14E	14E_44	584142	0.65	0.00	0.65	0.007
14E	14E_44	584143	0.33	0.65	0.98	< 0.005
14E	14E_44	584144	0.4	0.98	1.38	< 0.005
14E	14E_45	584145	0.3	0.00	0.30	< 0.005
14E	14E_46	584146	1.05	0.00	1.05	0.007
14E	14E_47	584147	0.55	0.00	0.55	< 0.005
14E	14E_48	584148	0.5	0.00	0.50	0.009
14E	14E_48	584149	1.3	0.50	1.80	< 0.005
14E	14E_49	584150	0.38	0.00	0.38	< 0.005
14E	14E_50	584151	0.8	0.00	0.80	< 0.005
14E	14E_51	584152	0.77	0.00	0.77	< 0.005
14E	14E_51	584153	1.2	0.77	1.97	< 0.005
14E	14E_52	584154	1.1	0.00	1.10	0.007
14E	14E_53	584155	1.05	0.00	1.05	< 0.005
14E	14E_53	584156	1.11	1.05	2.16	< 0.005
14E	14E_54	584157	0.7	0.00	0.70	0.005
14E	14E_55	584158	0.3	0.00	0.30	< 0.005
14E	14E_55	584159	0.61	0.30	0.91	< 0.005
14E	STD	584160				0.892
14E	14E_55	584161	0.85	0.91	1.76	< 0.005
14E	14E_55	584162	0.49	1.76	2.25	< 0.005
14E	14E_55	584163	0.43	2.25	2.68	< 0.005
14E	14E_55	584164	0.4	2.68	3.08	0.006
14E	14E_55	584165	1.05	3.08	4.13	< 0.005
14E	14E_55	584166	1	4.13	5.13	0.015
14E	14E_55	584167	0.98	5.13	6.11	< 0.005
14E	14E_55	584168	0.83	6.11	6.94	< 0.005
13E	13E_1	584169	1.04	0.00	1.04	0.034

Trench ID	Channel ID	Sample ID	Length (m)	From(m)	To(m)	Au (g/t)
13E	13E_1	584170	1.1	1.04	2.14	0.008
13E	13E_1	584171	0.82	2.14	2.96	0.007
13E	13E_1	584172	0.35	2.96	3.31	0.006
13E	13E_2	584173	0.87	0.00	0.87	0.01
13E	13E_3	584174	0.6	0.00	0.60	0.012
13E	13E_3	584175	0.48	0.60	1.08	0.01
13E	13E_4	584176	0.51	0.00	0.51	0.011
13E	13E_5	584177	1.1	0.00	1.10	0.005
13E	13E_5	584178	1.1	1.10	2.20	0.007
13E	13E_6	584179	0.96	0.00	0.96	0.009
13E		584180				< 0.005
13E	13E_7	584181	0.63	0.00	0.63	0.011
13E	13E_8	584182	0.57	0.00	0.57	0.007
13E	13E_8	584183	0.61	0.57	1.18	0.020
13E	13E_8	584184	0.4	1.18	1.58	0.011
13E	13E_9	584185	1.1	0.00	1.10	0.011
13E	13E_10	584186	0.9	0.00	0.90	0.009
13E	13E_10	584187	1.09	0.90	1.99	0.042
13E	13E_11	584188	1.02	0.00	1.02	0.010
13E	13E_11	584189	1.05	1.02	2.07	0.029
13E	13E_11	584190	1.07	2.07	3.14	0.020
13E	13E_12	584191	0.4	0.00	0.40	0.017
13E	13E_13	584192	0.66	0.00	0.66	0.266
13E	13E_14	584193	0.4	0.00	0.40	0.044
13E	13E_14	584194	0.56	0.40	0.96	0.010
13E	13E_14	584195	0.56	0.96	1.52	0.019
13E	13E_15	584196	0.86	0.00	0.86	0.030
13E	13E_15	584197	0.44	0.86	1.30	0.006
13E	13E_16	584198	0.9	0.00	0.90	0.016
13E	13E_16	584199	1.1	0.90	2.00	0.078
13E		584200				0.981
13E	13E_17	584201	0.5	0.00	0.50	0.109
13E	13E_17	584202	0.88	0.50	1.38	0.842
13E	13E_17	584203	0.7	1.38	2.08	0.083
13E	13E_17	584204	0.58	2.08	2.66	0.576
13E	13E_18	584205	0.57	0.00	0.57	0.155
13E	13E_18	584206	0.32	0.57	0.89	0.388
13E	13E_19	584207	1.09	0.00	1.09	0.032
13E	13E_20	584208	1.28	0.00	1.28	0.075
13E	13E_20	584209	0.85	1.28	2.13	0.061
13E	13E_20	584210	0.8	2.13	2.93	6.61

Trench ID	Channel ID	Sample ID	Length (m)	From(m)	To(m)	Au (g/t)
13E	13E_20	584211	0.87	2.93	3.80	0.066
13E	13E_21	584212	0.56	0.00	0.56	0.557
13E	13E_22	584213	0.38	0.00	0.38	1.24
13E	13E_22	584214	0.7	0.38	1.08	0.019
13E	13E_23	584215	0.94	0.00	0.94	0.039
13E	13E_24	584216	1.11	0.00	1.11	0.02
13E	13E_25	584217	0.76	1.11	1.87	0.019
13E	13E_26	584218	1.09	0.00	1.09	0.091
13E	13E_26	584219	0.92	1.09	2.01	0.054
13E		584220				< 0.005
13E	13E_26	584221	0.72	2.01	2.73	0.095
13E	13E_27	584222	1.02	0.00	1.02	0.016
13E	13E_27	584223	0.52	1.02	1.54	0.019
13E	13E_27	584224	0.82	1.54	2.36	0.016
13E	13E_28	584225	1.08	0.00	1.08	0.06
13E	13E_28	584226	1.08	1.08	2.16	0.117
13E	13E_28	584227	1.02	2.16	3.18	0.12
13E	13E_29	584228	1.11	0.00	1.11	0.006
13E	13E_29	584229	0.36	1.11	1.47	0.005
13E	13E_29	584230	0.44	1.47	1.91	0.011
13E	13E_29	584231	1	1.91	2.91	0.011
13E	13E_30	584232	0.75	0.00	0.75	0.015
13E	13E_30	584233	0.7	0.75	1.45	0.018
13E	13E_31	584234	0.46	0.00	0.46	0.305
13E	13E_32	584235	0.48	0.00	0.48	0.056
13E	13E_33	584236	1.06	0.00	1.06	0.012
13E	13E_33	584237	1.07	1.06	2.13	0.008
13E	13E_33	584238	0.68	2.13	2.81	0.01
13E	13E_34	584239	0.66	0.00	0.66	0.012
13E		584240				> 10.0
13E	13E_34	584241	1.11	0.66	1.77	0.025
13E	13E_34	584242	1.05	1.77	2.82	0.01
13E	13E_34	584243	0.87	2.82	3.69	0.006
13E	13E_35	584244	0.52	0.00	0.52	0.085
13E	13E_35	584245	0.56	0.52	1.08	0.008
13E	13E_36	584246	0.73	0.00	0.73	0.027
13E	13E_37	584247	1	0.00	1.00	0.01
13E	13E_37	584248	0.97	1.00	1.97	0.022
13E	13E_38	584249	0.6	0.00	0.60	0.009
13E	13E_38	584250	0.6	0.60	1.20	0.012
13E	13E_39	584251	0.75	0.00	0.75	0.129

Trench ID	Channel ID	Sample ID	Length (m)	From(m)	To(m)	Au (g/t)
13E	13E_39	584252	0.45	0.75	1.20	0.04
13E	13E_39	584253	0.57	1.20	1.77	0.098
13E	13E_40	584254	0.75	0.00	0.75	0.019
13E	13E_40	584255	0.75	0.75	1.50	0.016
13E	13E_41	584256	0.87	0.00	0.87	0.011
13E	13E_41	584257	0.96	0.87	1.83	0.016
13E	13E_42	584258	1.11	0.00	1.11	0.006
13E	13E_43	584259	1.15	0.00	1.15	0.013
13E		584260				5.49
13E	13E_44	584261	1.05	0.00	1.05	0.013
13E	13E_45	584262	0.58	0.00	0.58	0.024
13E	13E_45	584263	0.97	0.58	1.55	0.017
13E	13E_46	584264	0.38	0.00	0.38	0.07
13E	13E_47	584265	0.64	0.00	0.64	0.203
13E	13E_48	584266	0.9	0.00	0.90	0.025
13E	13E_49	584267	1.04	0.00	1.04	0.007
13E	13E_49	584268	1.04	1.04	2.08	0.013
13E	13E_50	584269	0.92	0.00	0.92	0.293
13E	13E_51	584270	0.59	0.00	0.59	0.013
13E	13E_51	584271	0.85	0.59	1.44	0.034
13E	13E_51	584272	1.15	1.44	2.59	0.021
13E	13E_52	584273	1.07	0.00	1.07	0.01
13E	13E_52	584274	0.84	1.07	1.91	0.005
13E	13E_53	584275	1.22	0.00	1.22	0.019
13E	13E_53	584276	1.18	1.22	2.40	0.008
13E	13E_53	584277	1.05	2.40	3.45	0.019
13E	13E_54	584278	1	0.00	1.00	0.484
13E	13E_54	584279	1.02	1.00	2.02	0.03
13E		584280				< 0.005
13E	13E_55	584281	1.08	0.00	1.08	0.175
13E	13E_55	584282	1	1.08	2.08	1.52
13E	13E_55	584283	1.1	2.08	3.18	0.009
13E	13E_55	584284	1.1	3.18	4.28	0.061
13E	13E_55	584285	0.82	4.28	5.10	< 0.005
13E	13E_56	584286	0.59	0.00	0.59	0.209
13E	13E_56	584287	0.6	0.59	1.19	0.957
13E	13E_57	584288	1.05	0.00	1.05	0.023
13E	13E_58	584289	0.5	0.00	0.50	0.134
13E	13E_58	584290	0.54	0.50	1.04	0.02
13E	13E_58	584291	1.08	1.04	2.12	0.005
13E	13E_58	584292	0.63	2.12	2.75	0.011

Trench ID	Channel ID	Sample ID	Length (m)	From(m)	To(m)	Au (g/t)
13E	13E_58	584293	0.55	2.75	3.30	0.022
13E	13E_58	584294	1.1	3.30	4.40	0.006
13E	13E_58	584295	1.06	4.40	5.46	< 0.005
13E	13E_59	584296	0.8	0.00	0.80	< 0.005
13E	13E_59	584297	0.32	0.80	1.12	0.014
13E	13E_60	584298	1.03	0.00	1.03	< 0.005
13E	13E 60	584299	1.12	1.03	2.15	< 0.005
13E		584300				0.958
13E	13E_61	584301	1.15	0.00	1.15	< 0.005
13E	13E_62	584302	1.03	0.00	1.03	< 0.005
13E	13E_62	584303	1.1	1.03	2.13	< 0.005
13E	13E_62	584304	1.08	2.13	3.21	< 0.005
13E	13E_62	584305	1.1	3.21	4.31	< 0.005
13E	13E_63	584306	0.83	0.00	0.83	< 0.005
13E	13E_63	584307	0.69	0.83	1.52	< 0.005
13E	13E_64	584308	0.6	0.00	0.60	0.224
13E	13E_65	584309	1.07	0.00	1.07	0.007
13E	13E_66	584310	0.89	0.00	0.89	< 0.005
13E	13E_67	584311	0.32	0.00	0.32	< 0.005
13E	13E_67	584312	1	0.32	1.32	< 0.005
13E	13E_68	584313	0.52	0.00	0.52	0.005
13E	13E_69	584314	0.96	0.00	0.96	0.005
13E	13E_69	584315	0.52	0.96	1.48	0.007
13E	13E_70	584316	1.06	0.00	1.06	< 0.005
13E	13E_70	584317	1.02	1.06	2.08	0.013
13E	13E_70	584318	0.83	2.08	2.91	0.128
13E	13E_70	584319	0.84	2.91	3.75	0.005
13E		584320				5.68
13E	13E_71	584321	1.09	0.00	1.09	0.005
13E	13E_72	584322	1.11	0.00	1.11	< 0.005
13E	13E_73	584323	1.09	0.00	1.09	0.006
13E	13E_73	584324	0.96	1.09	2.05	0.006
13E	13E_74	584325	0.8	0.00	0.80	0.01
13E	13E_74	584326	0.37	0.80	1.17	0.053
13E	13E_75	584327	1.09	0.00	1.09	0.013
13E	13E_75	584328	0.58	1.09	1.67	0.005
13E	13E_75	584329	1.8	1.67	3.47	0.007
13E	13E_76	584330	1.1	0.00	1.10	0.016
13E	13E_77	584331	1.12	0.00	1.12	0.012
13E	13E_77	584332	0.34	1.12	1.46	0.129
13E	13E_77	584333	0.86	1.46	2.32	0.105

Trench ID	Channel ID	Sample ID	Length (m)	From(m)	To(m)	Au (g/t)
13E	13E_77	584334	0.86	2.32	3.18	0.033
13E	13E_77	584335	0.62	3.18	3.80	0.017
13E	13E_78	584336	0.8	0.00	0.80	0.01
13E	13E_78	584337	1.08	0.80	1.88	0.008
13E	13E_79	584338	0.52	0.00	0.52	0.064
13E	13E_79	584339	0.36	0.52	0.88	0.009
13E		584340				< 0.005
13E	13E_79	584341	1	0.88	1.88	0.048
13E	13E_80	584342	1.14	0.00	1.14	0.011
13E	13E_81	584343	1.01	0.00	1.01	0.172
13E	13E_81	584344	0.62	1.01	1.63	0.423
13E	13E_81	584345	0.6	1.63	2.23	1.04
13E	13E_82	584346	0.63	0.00	0.63	0.037
13E	13E_83	584347	0.66	0.00	0.66	0.102
13E	13E_83	584348	0.73	0.66	1.39	0.171
13E	13E_83	584349	0.9	1.39	2.29	0.687
13E	13E_83	584350	0.61	2.29	2.90	0.283
13E	13E_83	584351	1.02	2.90	3.92	0.147
13E	13E_84	584352	0.75	0.00	0.75	0.012
13E	13E_84	584353	1.07	0.75	1.82	0.022
13E	13E_84	584354	1.11	1.82	2.93	0.008
13E	13E_84	584355	0.77	2.93	3.70	2.3
13E	13E_84	584356	0.89	3.70	4.59	1.07
13E	13E_85	584357	1.02	0.00	1.02	0.685
13E	13E_85	584358	0.67	1.02	1.69	4.31
13E	13E_85	584359	0.93	1.69	2.62	0.07
13E		584360				> 10.0
13E	13E_85	584361	1.02	2.62	3.64	0.201
13E	13E_86	584362	0.75	0.00	0.75	0.036
13E	13E_86	584363	0.9	0.75	1.65	1.49
13E	13E_86	584364	0.82	1.65	2.47	5.27
13E	13E_86	584365	0.82	2.47	3.29	0.452
13E	13E_86	584366	1.03	0.00	1.03	0.146
13E	13E_86	584367	0.9	1.03	1.93	0.031
13E	13E_86	584368	0.83	1.93	2.76	1.06
13E	13E_87	584369	1.26	0.00	1.26	0.013
13E	13E_88	584370	0.78	0.00	0.78	0.005
13E	13E_88	584371	0.51	0.78	1.29	0.076
13E	13E_88	584372	0.79	1.29	2.08	0.119
13E	13E_89	584373	0.66	0.00	0.66	0.443
13E	13E_90	584374	0.9	0.00	0.90	0.277

Trench ID	Channel ID	Sample ID	Length (m)	From(m)	To(m)	Au (g/t)
13E	13E_91	584375	1	0.00	1.00	0.08
13E	13E_92	584376	0.66	0.00	0.66	0.036
13E	13E_93	584377	0.88	0.00	0.88	0.076
13E	13E_93	584378	1.01	0.88	1.89	0.032
13E	13E_94	584379	0.5	0.00	0.50	0.068
13E		584380				< 0.005
13E	13E_94	584381	0.39	0.50	0.89	0.962
13E	13E_94	584382	0.41	0.89	1.30	0.159
31E	31E_11	584383	1.27	0.00	1.27	0.368
31E	31E_12	584384	0.48	0.00	0.48	0.013
31E	31E_12	584385	1.13	0.48	1.61	< 0.005
31E	31E_12	584386	1.16	1.61	2.77	0.029
31E	31E_12	584387	0.9	2.77	3.67	0.038
31E	31E_12	584388	0.56	3.67	4.23	0.163
31E	31E_12	584389	0.9	4.23	5.13	0.685
31E	31E_12	584390	0.66	5.13	5.79	0.459
31E	31E_12	584391	0.53	5.79	6.32	0.038
31E	31E_12	584392	1.07	6.32	7.39	0.02
31E	31E_12	584393	1.05	7.39	8.44	0.1
31E	31E_12	584394	1.35	8.44	9.79	2.74
31E	31E_12	584395	0.92	9.79	10.71	0.309
31E	31E_12	584396	1.31	10.71	12.02	0.011
31E	31E_12	584397	1.13	12.02	13.15	0.022
31E	31E_12	584398	1.1	13.15	14.25	0.042
31E	31E_12	584399	1.05	14.25	15.30	0.014
31E		584400				> 10.0
31E	31E_13	584401	0.98	0.00	0.98	0.009
31E	31E_13	584402	0.59	0.98	1.57	0.01
31E	31E_13	584403	1.11	1.57	2.68	< 0.005
31E	31E_13	584404	1.09	2.68	3.77	0.006
31E	31E_13	584405	0.67	3.77	4.44	0.098
31E	31E_13	584406	0.85	4.44	5.29	0.033
31E	31E_13	584407	0.74	5.29	6.03	0.012
31E	31E_13	584408	1.45	6.03	7.48	1.13
31E	31E_13	584409	1.1	7.48	8.58	0.008
31E	31E_14	584410	0.64	0.00	0.64	0.011
31E	31E_14	584411	0.72	0.64	1.36	0.012
31E	31E_14	584412	1.16	1.36	2.52	0.218
31E	31E_14	584413	1.14	2.52	3.66	0.254
31E	31E_14	584414	1.09	3.66	4.75	0.119
31E	31E_14	584415	0.51	4.75	5.26	0.709

Trench ID	Channel ID	Sample ID	Length (m)	From(m)	To(m)	Au (g/t)
31E	31E_14	584416	0.91	5.26	6.17	0.027
31E	31E_14	584417	0.45	6.17	6.62	0.025
31E	31E_14	584418	0.9	6.62	7.52	0.054
31E	31E_15	584419	0.57	0.00	0.57	3.74
31E		584420				5.73
31E	31E_15	584421	0.85	0.57	1.42	1.79
31E	31E_15	584422	0.86	1.42	2.28	0.066
31E	31E_15	584423	1.12	2.28	3.40	0.598
31E	31E_15	584424	1.23	3.40	4.63	0.012
31E	31E_15	584425	1.08	4.63	5.71	0.005
31E	31E_16	584426	0.77	0.00	0.77	1.16
31E	31E_16	584427	0.52	0.77	1.29	> 10.0
31E	31E_16	584428	1.06	1.29	2.35	0.341
31E	31E_17	584429	0.87	0.00	0.87	0.168
31E	31E_17	584430	0.8	0.87	1.67	0.029
31E	31E_17	584431	0.87	1.67	2.54	0.02
31E	31E_17	584432	0.81	2.54	3.35	0.006
31E	31E_18	584433	0.55	0.00	0.55	0.018
31E	31E_19	584434	0.63	0.00	0.63	< 0.005
31E	31E_19	584435	0.39	0.63	1.02	0.017
31E	31E_19	584436	0.79	1.02	1.81	< 0.005
31E	31E_19	584437	1.09	1.81	2.90	< 0.005
31E	31E_20	584438	0.45	0.00	0.45	0.005
31E	31E_20	584439	0.48	0.45	0.93	0.007
31E		584440				0.972
31E	31E_20	584441	0.63	0.93	1.56	0.005
31E	31E_21	584442	0.5	0.00	0.50	0.005
31E	31E_21	584443	0.53	0.50	1.03	0.005
31E	31E_21	584444	0.93	1.03	1.96	0.007
31E	31E_21	584445	0.94	1.96	2.90	< 0.005
31E	31E_21	584446	0.85	2.90	3.75	0.005
31E	31E_21	584447	0.76	3.75	4.51	< 0.005
31E	31E_21	584448	1.18	4.51	5.69	0.008
31E	31E_22	584449	1.33	0.00	1.33	0.005
31E	31E_22	584450	0.87	1.33	2.20	0.006
31E	31E_22	584451	0.74	2.20	2.94	0.005
31E	31E_22	584452	1.08	2.94	4.02	< 0.005
31E	31E_23	584453	0.74	0.00	0.74	0.008
31E	31E_23	584454	0.84	0.74	1.58	< 0.005
31E	31E_23	584455	1.1	1.58	2.68	< 0.005
31E	31E_24	584456	1.08	0.00	1.08	0.005

Trench ID	Channel ID	Sample ID	Length (m)	From(m)	To(m)	Au (g/t)
31E	31E_24	584457	0.91	1.08	1.99	0.005
31E	31E_24	584458	0.64	1.99	2.63	< 0.005
31E	31E_24	584459	0.89	2.63	3.52	0.052
31E		584460				< 0.005
31E	31E_24	584461	1.05	3.52	4.57	< 0.005
31E	31E_24	584462	1.12	4.57	5.69	< 0.005
31E	31E_24	584463	1	5.69	6.69	< 0.005
31E	31E_24	584464	0.92	6.69	7.61	< 0.005
31E	31E_24	584465	1.02	7.61	8.63	0.005
31E	31E_24	584466	1.35	8.63	9.98	< 0.005
31E	31E_24	584467	1.21	9.98	11.19	0.005
31E	31E_25	584468	1.31	0.00	1.31	0.005
31E	31E_25	584469	0.35	1.31	1.66	< 0.005
31E	31E_25	584470	0.35	1.66	2.01	< 0.005
31E	31E_25	584471	0.56	2.01	2.57	< 0.005
31E	31E_25	584472	1.3	2.57	3.87	< 0.005
31E	31E_26	584473	1.25	0.00	1.25	< 0.005
31E	31E_26	584474	1	1.25	2.25	< 0.005
31E	31E_26	584475	0.64	2.25	2.89	0.006
31E	31E_27	584476	0.98	0.00	0.98	< 0.005
31E	31E_27	584477	1.05	0.98	2.03	< 0.005
31E	31E_28	584478	1.02	0.00	1.02	< 0.005
31E	31E_29	584479	1.02	0.00	1.02	< 0.005
31E		584480				< 0.005
31E	31E_30	584481	0.95	0.00	0.95	< 0.005
31E	31E_31	584482	1.03	0.00	1.03	< 0.005
31E	31E_32	584483	1.04	0.00	1.04	< 0.005
31E	31E_32	584484	1.05	1.04	2.09	< 0.005
31E	31E_32	584485	1.01	2.09	3.10	0.006
31E	31E_32	584486	1.1	3.10	4.20	< 0.005
31E	31E_32	584487	1.09	4.20	5.29	< 0.005
31E	31E_32	584488	1.12	5.29	6.41	< 0.005
31E	31E_32	584489	1.04	6.41	7.45	< 0.005
31E	31E_32	584490	1.06	7.45	8.51	< 0.005
31E	31E_32	584491	0.53	8.51	9.04	< 0.005
31E	31E_32	584492	0.49	9.04	9.53	0.005
31W	31W_1	584493	0.45	0.00	0.45	0.011
31W	31W_1	584494	0.5	0.45	0.95	0.007
31W	31W_1	584495	0.82	0.95	1.77	< 0.005
31W	31W_1	584496	0.46	1.77	2.23	< 0.005
31W	31W_1	584497	0.62	2.23	2.85	0.005

Trench ID	Channel ID	Sample ID	Length (m)	From(m)	To(m)	Au (g/t)
31W	31W_2	584498	0.61	0.00	0.61	0.009
31W	31W_2	584499	0.6	0.61	1.21	0.014
31W		584500				> 10.0
31W	31W_2	584501	0.51	1.21	1.72	0.013
31W	31W_2	584502	0.76	1.72	2.48	0.007
31W	31W_3	584503	1.1	0.00	1.10	0.011
31W	31W_3	584504	0.4	1.10	1.50	0.014
31W	31W_3	584505	0.63	1.50	2.13	0.009
31W	31W_3	584506	0.49	2.13	2.62	0.008
31W	31W_4	584507	1.25	0.00	1.25	0.009
31W	31W_4	584508	0.59	1.25	1.84	0.01
31W	31W_4	584509	0.57	1.84	2.41	0.007
31W	31W_4	584510	0.79	2.41	3.20	0.005
31W	31W_4	584511	0.89	3.20	4.09	< 0.005
31W	31W_4	584512	1.13	4.09	5.22	0.03
31W	31W_4	584513	1.14	5.22	6.36	0.007
31W	31W_4	584514	0.78	6.36	7.14	0.008
31W	31W_4	584515	0.6	7.14	7.74	0.008
31W	31W_4	584516	1.22	7.74	8.96	0.007
31W	31W_4	584517	0.44	8.96	9.40	0.009
31W	31W_5	584518	0.83	0.00	0.83	0.013
31W	31W_5	584519	0.52	0.83	1.35	0.013
31W		584520				0.959
31W	31W_5	584521	0.54	1.35	1.89	0.013
31W	31W_5	584522	1.14	1.89	3.03	0.018
31W	31W_6	584523	0.33	0.00	0.33	0.016
31W	31W_6	584524	0.47	0.33	0.80	0.015
31W	31W_6	584525	0.72	0.80	1.52	0.014
31W	31W_7	584526	0.89	0.00	0.89	0.046
31W	31W_7	584527	0.87	0.89	1.76	0.023
31W	31W_7	584528	0.68	1.76	2.44	0.013
31W	31W_7	584529	1.11	2.44	3.55	0.01
31W	31W_7	584530	1.13	3.55	4.68	0.011
31W	31W_7	584531	0.75	4.68	5.43	0.011
31W	31W_8	584532	0.66	0.00	0.66	0.012
31W	31W_9	584533	0.97	0.00	0.97	0.012
31W	31W_9	584534	0.92	0.97	1.89	0.006
31W	31W_9	584535	0.78	1.89	2.67	0.007
31W	31W_10	584536	0.96	0.00	0.96	0.007
31W	31W_10	584537	0.9	0.96	1.86	0.011
31W	31W_10	584538	0.76	1.86	2.62	0.007

Trench ID	Channel ID	Sample ID	Length (m)	From(m)	To(m)	Au (g/t)
31W	31W_10	584539	0.93	2.62	3.55	0.009
31W		584540				> 10.0
31W	31W_11	584541	1.12	0.00	1.12	0.006
31W	31W_11	584542	1	1.12	2.12	0.005
31W	31W_11	584543	0.7	2.12	2.82	0.006
31W	31W_11	584544	1.16	2.82	3.98	< 0.005
31W	31W_11	584545	0.61	3.98	4.59	< 0.005
31W	31W_11	584546	0.76	4.59	5.35	0.005
31W	31W_12	584547	1.09	0.00	1.09	< 0.005
31W	31W_13	584548	1.07	0.00	1.07	0.012
31W	31W_13	584549	1.16	1.07	2.23	< 0.005
31W	31W_13	584550	0.7	2.23	2.93	0.005
31W	31W_13	584551	1.02	2.93	3.95	< 0.005
31W	31W_13	584552	0.73	3.95	4.68	< 0.005
31W	31W_14	584553	0.5	0.00	0.50	0.005
31W	31W_15	584554	0.92	0.00	0.92	< 0.005
31W	31W_15	584555	1.04	0.92	1.96	< 0.005
31W	31W_15	584556	1.21	1.96	3.17	< 0.005
31W	31W_16	584557	0.8	0.00	0.80	< 0.005
31W	31W_16	584558	0.62	0.80	1.42	< 0.005
31W	31W_16	584559	0.74	1.42	2.16	< 0.005
31W		584560				< 0.005
31W	31W_16	584561	0.48	2.16	2.64	0.014
31W	31W_17	584562	0.43	0.00	0.43	0.01
31W	31W_17	584563	0.95	0.43	1.38	< 0.005
31W	31W_18	584564	0.49	0.00	0.49	0.006
31W	31W_18	584565	0.6	0.49	1.09	< 0.005
31W	31W_19	584566	0.78	0.00	0.78	0.021
31W	31W_19	584567	0.59	0.78	1.37	< 0.005
31W	31W_20	584568	0.53	0.00	0.53	< 0.005
31W	31W_20	584569	0.63	0.53	1.16	< 0.005
31W	31W_20	584570	1.08	1.16	2.24	< 0.005
31W	31W_20	584571	0.39	2.24	2.63	< 0.005
31W	31W_21	584572	0.93	0.00	0.93	< 0.005
31W	31W_21	584573	1.09	0.93	2.02	< 0.005
31W	31W_21	584574	0.59	2.02	2.61	< 0.005
31W	31W_22	584575	0.78	0.00	0.78	< 0.005
31W	31W_22	584576	0.51	0.78	1.29	< 0.005
31W	31W_22	584577	0.37	1.29	1.66	< 0.005
31W	31W_22	584578	0.55	1.66	2.21	< 0.005
31W	31W_23	584579	0.67	0.00	0.67	< 0.005

Trench ID	Channel ID	Sample ID	Length (m)	From(m)	To(m)	Au (g/t)
31W		584580				> 10.0
31W	31W_23	584581	0.41	0.67	1.08	0.006
31W	31W_23	584582	0.59	1.08	1.67	< 0.005
31W	31W_23	584583	0.58	1.67	2.25	< 0.005
31W	31W_23	584584	0.85	2.25	3.10	0.006
31W	31W_23	584585	1.1	3.10	4.20	0.007
31W	31W_23	584586	1.03	4.20	5.23	< 0.005
31W	31W_23	584587	1.08	5.23	6.31	< 0.005
31W	31W_23	584588	0.73	6.31	7.04	< 0.005
31W	31W_24	584589	0.63	0.00	0.63	0.044
31W	31W_24	584590	0.69	0.63	1.32	0.009
31W	31W_25	584591	0.76	0.00	0.76	0.031
31W	31W_26	584592	0.39	0.00	0.39	0.006
31W	31W_27	584593	0.72	0.00	0.72	0.005
31W	31W_28	584594	1.05	0.00	1.05	0.005
31W	31W_28	584595	1.04	1.05	2.09	< 0.005
13W	13W_1	584596	0.79	0.00	0.79	0.02
13W	13W_1	584597	0.47	0.79	1.26	0.02
13W	13W_1	584598	0.6	1.26	1.86	0.017
13W	13W_2	584599	0.77	0.00	0.77	0.009
13W		584600				5.56
13W	13W_2	584601	1.09	0.77	1.86	0.005
13W	13W_2	584602	1.07	1.86	2.93	0.009
13W	13W_3	584603	1.11	0.00	1.11	0.011
13W	13W_3	584604	0.37	1.11	1.48	0.015
13W	13W_3	584605	0.65	1.48	2.13	0.027
13W	13W_3	584606	0.66	2.13	2.79	0.012
13W	13W_4	584607	0.51	0.00	0.51	< 0.005
13W	13W_4	584608	0.36	0.51	0.87	0.017
13W	13W_4	584609	0.4	0.87	1.27	0.009
13W	13W_5	584610	0.59	0.00	0.59	0.018
13W	13W_5	584611	0.53	0.59	1.12	0.015
13W	13W_5	584612	0.69	1.12	1.81	0.011
13W	13W_6	584613	0.55	0.00	0.55	0.01
13W	13W_6	584614	0.6	0.55	1.15	0.028
13W	13W_6	584615	0.53	1.15	1.68	0.027
13W	13W_7	584616	1.16	0.00	1.16	0.008
13W	13W_7	584617	0.34	1.16	1.50	0.005
13W	13W_7	584618	0.7	1.50	2.20	0.005
13W	13W_8	584619	1.03	0.00	1.03	0.008
13W		584620				< 0.005

Trench ID	Channel ID	Sample ID	Length (m)	From(m)	To(m)	Au (g/t)
13W	13W_8	584621	0.46	1.03	1.49	< 0.005
13W	13W_8	584622	0.72	1.49	2.21	0.013
13W	13W_8	584623	0.57	2.21	2.78	0.061
13W	13W_8	584624	1.07	2.78	3.85	0.023
13W	13W_9	584625	0.86	0.00	0.86	0.009
13W	13W_9	584626	0.37	0.86	1.23	0.068
13W	13W_9	584627	1.03	1.23	2.26	0.017
13W	13W_9	584628	1.08	2.26	3.34	0.011
13W	13W_9	584629	0.56	3.34	3.90	0.012
13W	13W_9	584630	0.54	3.90	4.44	0.009
13W	13W_9	584631	1.02	4.44	5.46	0.012
13W	13W_10	584632	0.84	0.00	0.84	0.021
13W	13W_11	584633	0.55	0.00	0.55	0.021
13W	13W_11	584634	0.95	0.55	1.50	0.039
13W	13W_11	584635	0.54	1.50	2.04	0.006
13W	13W_11	584636	0.43	2.04	2.47	0.016
13W	13W_11	584637	0.98	2.47	3.45	0.011
13W	13W_11	584638	0.87	3.45	4.32	0.022
13W	13W_11	584639	1.05	4.32	5.37	0.021
13W		584640				5.64
13W	13W_11	584641	0.89	5.37	6.26	0.017
13W	13W_11	584642	0.89	6.26	7.15	0.017
13W	13W_12	584643	1.12	0.00	1.12	0.013
13W	13W_12	584644	0.68	1.12	1.80	0.017
13W	13W_13	584645	0.46	0.00	0.46	0.012
13W	13W_13	584646	1.1	0.46	1.56	0.018
13W	13W_14	584647	1.15	0.00	1.15	0.019
13W	13W_14	584648	0.79	1.15	1.94	0.039
13W	13W_15	584649	0.37	0.00	0.37	0.005
13W	13W_15	584650	0.43	0.37	0.80	0.028
13W	13W_16	584651	0.49	0.00	0.49	0.247
13W	13W_16	584652	0.61	0.49	1.10	0.592
13W	13W_16	584653	0.82	1.10	1.92	0.03
13W	13W_16	584654	0.62	1.92	2.54	0.412
13W	13W_16	584655	0.89	2.54	3.43	0.16
13W	13W_17	584656	0.5	0.00	0.50	0.424
13W	13W_17	584657	0.53	0.50	1.03	0.02
13W	13W_18	584658	0.95	0.00	0.95	< 0.005
13W	13W_19	584659	0.65	0.00	0.65	< 0.005
13W		584660				< 0.005
13W	13W_19	584661	0.62	0.65	1.27	0.043

Trench ID	Channel ID	Sample ID	Length (m)	From(m)	To(m)	Au (g/t)
13W	13W_20	584662	0.91	0.00	0.91	< 0.005
14W	14W_1	584663	0.85	0.00	0.85	0.01
14W	14W_1	584664	0.36	0.85	1.21	0.009
14W	14W_1	584665	0.62	1.21	1.83	0.009
14W	14W_2	584666	1.06	0.00	1.06	0.007
14W	14W_2	584667	0.7	1.06	1.76	0.007
14W	14W_2	584668	0.75	1.76	2.51	0.007
14W	14W_2	584669	0.73	2.51	3.24	0.013
14W	14W_3	584670	0.41	0.00	0.41	0.006
14W	14W_3	584671	0.37	0.41	0.78	0.007
14W	14W_3	584672	0.56	0.78	1.34	0.006
14W	14W_4	584673	0.94	0.00	0.94	< 0.005
14W	14W_4	584674	1.32	0.94	2.26	< 0.005
14W	14W_4	584675	0.82	2.26	3.08	< 0.005
14W	14W_4	584676	0.9	3.08	3.98	< 0.005
14W	14W_4	584677	1.07	3.98	5.05	< 0.005
14W	14W_4	584678	1.08	5.05	6.13	< 0.005
14W	14W_5	584679	0.49	0.00	0.49	< 0.005
14W		584680				> 10.0
14W	14W_6	584681	1.12	0.00	1.12	< 0.005
14W	14W_6	584682	0.63	1.12	1.75	< 0.005
14W	14W_7	584683	1.1	0.00	1.10	< 0.005
14W	14W_8	584684	0.82	0.00	0.82	< 0.005
14W	14W_8	584685	1	0.82	1.82	< 0.005
14W	14W_8	584686	1.29	1.82	3.11	< 0.005
14W	14W_9	584687	0.64	0.00	0.64	< 0.005
14W	14W_9	584688	1.08	0.64	1.72	< 0.005
14W	14W_10	584689	0.99	0.00	0.99	< 0.005
14W	14W_11	584690	0.93	0.00	0.93	< 0.005
14W	14W_12	584691	0.65	0.00	0.65	< 0.005
14W	14W_12	584692	1.27	0.65	1.92	0.006
14W	14W_12	584693	0.56	1.92	2.48	0.052
14W	14W_12	584694	1.1	2.48	3.58	0.023
14W	14W_12	584695	0.62	3.58	4.20	0.019
14W	14W_12	584696	1.01	4.20	5.21	0.172
14W	14W_12	584697	0.83	5.21	6.04	0.438
14W	14W_12	584698	1.07	6.04	7.11	3.54
14W	14W_13	584699	1.06	0.00	1.06	0.452
14W		584700				> 10.0
14W	14W_13	584701	0.8	1.06	1.86	0.397
14W	14W_14	584702	0.72	0.00	0.72	0.005

Trench ID	Channel ID	Sample ID	Length (m)	From(m)	To(m)	Au (g/t)
14W	14W_14	584703	1.25	0.72	1.97	< 0.005
14W	14W_14	584704	1.05	1.97	3.02	< 0.005
31E	31E_10	584705	0.4	0.00	0.40	< 0.005
31E	31E_10	584706	0.37	0.40	0.77	< 0.005
31E	31E_10	584707	0.88	0.77	1.65	0.006
31E	31E_9	584708	0.65	0.00	0.65	0.007
31E	31E_9	584709	1.19	0.65	1.84	0.019
31E	31E_9	584710	0.6	1.84	2.44	0.021
31E	31E_8	584711	0.65	0.00	0.65	0.015
31E	31E_8	584712	0.71	0.65	1.36	0.005
31E	31E_8	584713	0.81	1.36	2.17	0.006
31E	31E_7	584714	0.54	0.00	0.54	0.025
31E	31E_7	584715	0.79	0.54	1.33	0.009
31E	31E_7	584716	0.57	1.33	1.90	0.006
31E	31E_6	584717	0.7	0.00	0.70	0.017
31E	31E_5	584718	1.12	0.00	1.12	0.056
31E	31E_5	584719	0.7	1.12	1.82	0.016
31E		584720				0.993
31E	31E_5	584721	0.61	1.82	2.43	0.174
31E	31E_4	584722	0.98	0.00	0.98	0.042
31E	31E_4	584723	0.82	0.98	1.80	0.069
31E	31E_4	584724	0.86	1.80	2.66	0.028
31E	31E_4	584725	1.09	2.66	3.75	0.058
31E	31E_3	584726	1.02	0.00	1.02	0.005
31E	31E_2	584727	1.14	0.00	1.14	< 0.005
31E	31E_2	584728	1.2	1.14	2.34	0.006
31E	31E_2	584729	1.07	2.34	3.41	0.01
31E	31E_2	584730	0.65	3.41	4.06	0.034
31E	31E_1	584731	0.58	0.00	0.58	0.009
15	15_1	584732	1.07	0.00	1.07	0.008
15	15_1	584733	1.09	1.07	2.16	0.018
15	15_1	584734	1.01	2.16	3.17	0.015
15	15_1	584735	0.65	3.17	3.82	0.027
15	15_1	584736	0.62	3.82	4.44	0.031
15	15_1	584737	0.5	4.44	4.94	0.033
15	15_1	584738	1.08	4.94	6.02	0.028
15	15_1	584739	1.15	6.02	7.17	0.015
15		584740				< 0.005
15	15_1	584741	0.96	7.17	8.13	0.02
15	15_1	584742	1.07	8.13	9.20	0.019
15	15_1	584743	1.09	9.20	10.29	0.015

Trench ID	Channel ID	Sample ID	Length (m)	From(m)	To(m)	Au (g/t)
15	15_1	584744	1.19	10.29	11.48	0.01
15	15_2	584745	0.5	0.00	0.50	0.011
15	15_2	584746	0.43	0.50	0.93	0.01
15	15_1	584747	0.64	11.48	12.12	0.01
15	15_1	584748	0.6	12.12	12.72	0.008
15	15_1	584749	0.81	12.72	13.53	0.009
15	15_1	584750	1.08	13.53	14.61	0.009
15	15_1	584751	1.03	14.61	15.64	0.009
15	15_1	584752	1.11	15.64	16.75	0.008
15	15_1	584753	0.93	16.75	17.68	0.014
15	15_1	584754	0.73	17.68	18.41	0.006
15	15_1	584755	0.54	18.41	18.95	0.006
15	15_1	584756	1.04	18.95	19.99	0.006
15	15_1	584757	0.78	19.99	20.77	0.013
15	15_1	584758	0.61	20.77	21.38	0.006
15	15_3	584759	0.88	0.00	0.88	0.008
15		584760				5.89
15	15_3	584761	0.67	0.88	1.55	0.013
15	15_3	584762	1.04	1.55	2.59	0.012
15	15_3	584763	0.67	2.59	3.26	0.088
15	15_3	584764	0.48	3.26	3.74	0.134
15	15_3	584765	0.55	3.74	4.29	> 10.0
15	15_3	584766	0.69	4.29	4.98	0.069
15	15_3	584767	0.59	4.98	5.57	0.04
15	15_3	584768	1.06	5.57	6.63	0.01
15	15_3	584769	1	6.63	7.63	0.021
15	15_3	584770	0.52	7.63	8.15	0.017
15	15_3	584771	1.06	8.15	9.21	0.016
15	15_3	584772	0.95	9.21	10.16	0.032
15	15_3	584773	0.67	10.16	10.83	0.025
15	15_3	584774	1.19	10.83	12.02	0.007
15	15_3	584775	1.06	12.02	13.08	< 0.005
15	15_4	584776	0.8	0.00	0.80	< 0.005
15	15_4	584777	1.22	0.80	2.02	< 0.005
15	15_4	584778	1.05	2.02	3.07	< 0.005
15	15_4	584779	1.15	3.07	4.22	< 0.005
15		584780				1.04
15	15_4	584781	1.08	4.22	5.30	< 0.005
15	15_4	584782	1.12	5.30	6.42	< 0.005
15	15_4	584783	1.29	6.42	7.71	< 0.005
15	15_4	584784	0.51	7.71	8.22	< 0.005

Trench ID	Channel ID	Sample ID	Length (m)	From(m)	To(m)	Au (g/t)
15	15_4	584785	0.56	8.22	8.78	< 0.005
15	15_4	584786	0.92	8.78	9.70	< 0.005
15	15_4	584787	0.79	9.70	10.49	< 0.005
15	15_5	584788	1.04	0.00	1.04	< 0.005
15	15_5	584789	1.1	1.04	2.14	0.008
15	15_5	584790	1.11	2.14	3.25	< 0.005
15	15_5	584791	1.08	3.25	4.33	< 0.005
15	15_5	584792	1.05	4.33	5.38	< 0.005
15	15_5	584793	0.62	5.38	6.00	< 0.005
15	15_6	584794	1.17	0.00	1.17	< 0.005
15	15_6	584795	1.06	1.17	2.23	0.006
15	15_6	584796	0.96	2.23	3.19	< 0.005
15	15_6	584797	0.9	3.19	4.09	< 0.005
15	15_6	584798	0.39	4.09	4.48	< 0.005
15	15_6	584799	1.07	4.48	5.55	< 0.005
15		584800				< 0.005
15	15_6	584801	0.69	5.55	6.24	< 0.005
15	15_6	584802	0.75	6.24	6.99	< 0.005
15	15_6	584803	0.68	6.99	7.67	< 0.005
15	15_6	584804	1.28	7.67	8.95	< 0.005
15	15_6	584805	0.38	8.95	9.33	< 0.005
15	15_6	584806	0.55	9.33	9.88	< 0.005
15	15_6	584807	0.43	9.88	10.31	< 0.005
15	15_6	584808	1.19	10.31	11.50	< 0.005
15	15_6	584809	1.04	11.50	12.54	< 0.005
15	15_6	584810	1.05	12.54	13.59	< 0.005
15	15_6	584811	0.6	13.59	14.19	< 0.005
15	15_6	584812	1.37	14.19	15.56	0.005
15	15_7	584813	1.15	0.00	1.15	< 0.005
15	15_7	584814	0.65	1.15	1.80	0.15
15	15_7	584815	0.97	1.80	2.77	< 0.005
15	15_7	584816	1.08	2.77	3.85	< 0.005
15	15_7	584817	0.49	3.85	4.34	0.005
15	15_8	584818	0.62	0.00	0.62	0.017
15	15_8	584819	1.17	0.62	1.79	< 0.005
15		584820				> 10.0
15	15_8	584821	0.57	1.79	2.36	0.597
15	15_8	584822	1.29	2.36	3.65	0.038
15	15_9	584823	0.78	0.00	0.78	0.025
15	15_9	584824	0.64	0.78	1.42	0.025
15	15_9	584825	1.06	1.42	2.48	0.024

Trench ID	Channel ID	Sample ID	Length (m)	From(m)	To(m)	Au (g/t)
15	15_9	584826	0.99	2.48	3.47	0.171
15	15_9	584827	0.51	3.47	3.98	0.005
15	15_9	584828	0.77	3.98	4.75	0.007
15	15_10	584829	0.72	0.00	0.72	< 0.005
15	15_11	584830	1.06	0.00	1.06	< 0.005
15	15_11	584831	0.93	1.06	1.99	< 0.005
15	15_11	584832	0.57	1.99	2.56	0.005
15	15_12	584833	1.11	0.00	1.11	< 0.005
15	15_12	584834	0.86	1.11	1.97	< 0.005
15	15_12	584835	0.55	1.97	2.52	0.006
15	15_13	584836	0.88	0.00	0.88	0.007
15	15_13	584837	0.46	0.88	1.34	< 0.005
15	15_13	584838	1.03	1.34	2.37	< 0.005
15	15_13	584839	0.74	2.37	3.11	0.006
15		584840				> 10.0
15	15_14	584841	0.9	0.00	0.90	0.005
15	15_14	584842	0.55	0.90	1.45	0.005
15	15_14	584843	0.89	1.45	2.34	0.005
15	15_14	584844	0.93	2.34	3.27	< 0.005
15	15_15	584845	0.47	0.00	0.47	0.008
15	15_15	584846	0.82	0.47	1.29	0.047
15	15_16	584847	0.82	0.00	0.82	0.005
15	15_17	584848	0.75	0.00	0.75	0.009
15	15_17	584849	0.73	0.75	1.48	< 0.005
15	15_18	584850	0.84	0.00	0.84	< 0.005
15	15_18	584851	0.59	0.84	1.43	< 0.005
15	15_18	584852	0.75	1.43	2.18	0.008
15	15_18	584853	0.94	2.18	3.12	< 0.005
15	15_18	584854	0.48	3.12	3.60	0.048
15	15_19	584855	0.88	0.00	0.88	< 0.005
15	15_19	584856	100	0.88	100.88	< 0.005
15	15_20	584857	1.01	0.00	1.01	0.005
15	15_20	584858	0.96	1.01	1.97	0.006
15	15_21	584859	1.14	0.00	1.14	0.014
15		584860				< 0.005
15	15_21	584861	1.03	1.14	2.17	< 0.005
15	15_21	584862	0.92	2.17	3.09	0.005
15	15_21	584863	0.88	3.09	3.97	0.005
15	15_22	584864	1.03	0.00	1.03	< 0.005
15	15_22	584865	0.33	1.03	1.36	0.006
15	15_22	584866	0.43	1.36	1.79	0.005

Trench ID	Channel ID	Sample ID	Length (m)	From(m)	To(m)	Au (g/t)
15	15_22	584867	0.87	1.79	2.66	< 0.005
15	15_23	584868	1.04	0.00	1.04	< 0.005
15	15_24	584869	0.84	0.00	0.84	< 0.005
15	15_24	584870	0.82	0.84	1.66	< 0.005
15	15_25	584871	1.08	0.00	1.08	< 0.005
15	15_25	584872	1.05	1.08	2.13	< 0.005
15	15_25	584873	0.7	2.13	2.83	< 0.005
15	15_25	584874	0.66	2.83	3.49	< 0.005
15	15_25	584875	1.06	3.49	4.55	< 0.005
15	15_26	584876	0.74	0.00	0.74	< 0.005
15	15_26	584877	0.73	0.74	1.47	< 0.005
15	15_26	584878	0.58	1.47	2.05	< 0.005
15	15_26	584879	0.99	2.05	3.04	< 0.005
15		584880				5.96
15	15_26	584881	1.04	3.04	4.08	< 0.005
15	15_26	584882	0.95	4.08	5.03	< 0.005
15	15_26	584883	1.09	5.03	6.12	< 0.005
15	15_26	584884	0.99	6.12	7.11	< 0.005
15	15_27	584885	1.32	0.00	1.32	< 0.005
15	15_28	584886	0.51	0.00	0.51	< 0.005
15	15_28	584887	0.66	0.51	1.17	0.018
15	15_28	584888	0.89	1.17	2.06	0.015
15	15_29	584889	1.1	0.00	1.10	0.014
15	15_29	584890	1.28	1.10	2.38	0.016
15	15_30	584891	1.12	0.00	1.12	0.01
15	15_30	584892	1.19	1.12	2.31	0.007
15	15_30	584893	1.05	2.31	3.36	0.007
15	15_30	584894	1.13	3.36	4.49	0.005
15	15_31	584895	1.11	0.00	1.11	0.006
15	15_31	584896	0.92	1.11	2.03	0.005
15	15_32	584897	0.81	0.00	0.81	0.007
15	15_32	584898	0.87	0.81	1.68	< 0.005
15	15_33	584899	1	0.00	1.00	< 0.005
15		584900				1.01
15	15_33	584901	1.12	1.00	2.12	0.006
15	15_33	584902	1.06	2.12	3.18	0.006
15	15_33	584903	0.53	3.18	3.71	0.007
15	15_33	584904	1.04	3.71	4.75	0.006
15	15_33	584905	1.05	4.75	5.80	0.005
15	15_33	584906	0.73	5.80	6.53	0.008
15	15_35	584907	0.89	0.00	0.89	0.076

Trench ID	Channel ID	Sample ID	Length (m)	From(m)	To(m)	Au (g/t)
15	15_36	584908	0.97	0.00	0.97	0.021
15	15_36	584909	0.59	0.00	0.59	0.006
15	15_34	584910	1.09	0.00	1.09	0.316
15	15_34	584911	0.58	1.09	1.67	0.309
15	15_34	584912	0.85	1.67	2.52	0.045
15	15_34	584913	0.7	2.52	3.22	0.044
15	15_34	584914	0.5	3.22	3.72	0.219
15	15_34	584915	0.72	3.72	4.44	0.076
15	15_34	584916	0.74	4.44	5.18	0.014
15	15_34	584917	0.71	5.82	6.53	0.431
15	15_34	584918	0.88	6.53	7.41	0.081
15	15_34	584919	1.19	7.41	8.60	0.019
15		584920				1.01
15	15_37	584921	1.29	0.00	1.29	0.475
15	15_37	584922	0.94	1.29	2.23	0.112
15	15_38	584923	1.08	0.00	1.08	0.032
15	15_38	584924	1.02	1.08	2.10	0.013
15	15_38	584925	1.05	2.10	3.15	0.037
15	15_34	584926	0.64	5.18	5.82	0.018
15	15_39	584927	1.04	0.00	1.04	0.438
15	15_39	584928	1.16	1.04	2.20	0.026
15	15_39	584929	1.06	2.20	3.26	0.012
15	15_39	584930	1.08	3.26	4.34	0.04
15	15_39	584931	1.38	4.34	5.72	0.044
15	15_39	584932	1.05	5.72	6.77	0.039
15	15_39	584933	0.79	6.77	7.56	0.046
15	15_39	584934	0.9	7.56	8.46	0.38
15	15_39	584935	1.09	8.46	9.55	0.006
15	15_39	584936	1.3	9.55	10.85	< 0.005
15	15_39	584937	1.06	10.85	11.91	0.007
15	15_39	584938	1.03	11.91	12.94	< 0.005
15	15_40	584939	1.15	0.00	1.15	0.006
15		584940				5.91
15	15_40	584941	1.16	1.15	2.31	0.006
15	15_40	584942	1.07	2.31	3.38	0.01
15	15_40	584943	1.1	3.38	4.48	< 0.005
15	15_40	584944	1.09	4.48	5.57	0.005
15	15_40	584945	0.62	5.57	6.19	0.017
15	15_41	584946	0.89	0.00	0.89	0.01
15	15_41	584947	1.2	0.89	2.09	0.009
15	15_41	584948	0.5	2.09	2.59	0.012

Trench ID	Channel ID	Sample ID	Length (m)	From(m)	To(m)	Au (g/t)
15	15_41	584949	1.1	2.59	3.69	< 0.005
15	15_41	584950	0.74	3.69	4.43	< 0.005
15	15_42	584951	1.17	0.00	1.17	0.006
15	15_43	584952	1.07	0.00	1.07	< 0.005
15	15_43	584953	1.17	1.07	2.24	< 0.005
15	15_44	584954	1.11	0.00	1.11	< 0.005
15	15_44	584955	0.92	1.11	2.03	< 0.005
15	15_45	584956	1.02	0.00	1.02	< 0.005
15	15_45	584957	1.13	1.02	2.15	< 0.005
15	15_46	584958	0.85	0.00	0.85	< 0.005
15	15_46	584959	0.8	0.85	1.65	< 0.005
15		584960				< 0.005
15	15_46	584961	0.87	1.65	2.52	< 0.005
15	15_47	584962	1.05	0.00	1.05	< 0.005
15	15_47	584963	1.21	1.05	2.26	< 0.005
15	15_47	584964	1.1	2.26	3.36	< 0.005
15	15_48	584965	1.08	0.00	1.08	< 0.005
15	15_49	584966	1.08	0.00	1.08	< 0.005
15	15_49	584967	1.12	1.08	2.20	< 0.005
15	15_50	584968	1.13	0.00	1.13	< 0.005
15	15_50	584969	0.76	1.13	1.89	< 0.005
15	15_50	584970	1.2	1.89	3.09	< 0.005
15	15_50	584971	0.61	3.09	3.70	< 0.005
15	15_50	584972	1.11	3.70	4.81	< 0.005
15	15_50	584973	0.56	4.81	5.37	< 0.005
15	15_51	584974	1.1	0.00	1.10	< 0.005
15	15_51	584975	0.87	1.10	1.97	< 0.005
15	15_51	584976	1.18	1.97	3.15	< 0.005
15	15_52	584977	1.33	0.00	1.33	0.02
15	15_52	584978	0.63	1.33	1.96	0.156
15	15_52	584979	0.9	1.96	2.86	0.063
15		584980				> 10.0
15	15_52	584981	1.29	2.86	4.15	0.019
15	15_52	584982	1.08	4.15	5.23	0.008
15	15_52	584983	0.49	5.23	5.72	< 0.005
15	15_53	584984	1	0.00	1.00	0.01
15	15_54	584985	0.64	0.00	0.64	< 0.005
15	15_54	584986	0.78	0.64	1.42	< 0.005
15	15_55	584987	1.15	0.00	1.15	< 0.005
15	15_55	584988	1.11	1.15	2.26	< 0.005
15	15_55	584989	1.05	2.26	3.31	< 0.005

Trench ID	Channel ID	Sample ID	Length (m)	From(m)	To(m)	Au (g/t)
15	15_55	584990	1.32	3.31	4.63	0.008
15	15_55	584991	0.66	4.63	5.29	0.006
15	15_55	584992	0.87	5.29	6.16	0.007
15	15_55	584993	0.63	6.16	6.79	0.007
15	15_55	584994	1.24	6.79	8.03	0.014
15	15_55	584995	1.11	8.03	9.14	0.005
15	15_55	584996	1.14	9.14	10.28	0.005
15	15_55	584997	1.23	10.28	11.51	0.005
15	15_55	584998	1.03	11.51	12.54	< 0.005
15	15_55	584999	1.29	12.54	13.83	0.007
15		585000				< 0.005
15	15_55	585501	1.14	13.83	14.97	< 0.005
15	15_56	585502	1.09	0.00	1.09	0.005
15	15_56	585503	1.19	1.09	2.28	< 0.005
15	15_56	585504	1.46	2.28	3.74	0.005
15	15_56	585505	0.74	3.74	4.48	< 0.005
15	15_56	585506	0.71	4.48	5.19	< 0.005
15	15_56	585507	0.79	5.19	5.98	< 0.005
15	15_56	585508	0.93	5.98	6.91	< 0.005
15	15_57	585509	0.9	0.00	0.90	0.005
15	15_58	585510	0.47	0.00	0.47	0.006
15	15_59	585511	1.05	0.00	1.05	0.016
15	15_59	585512	0.78	1.05	1.83	< 0.005
15	15_59	585513	0.87	1.83	2.70	< 0.005
15	15_59	585514	0.7	2.70	3.40	0.005
15	15_59	585515	0.35	3.40	3.75	0.009
15	15_59	585516	0.65	3.75	4.40	< 0.005
15	15_60	585517	1.1	0.00	1.10	0.005
15	15_60	585518	0.85	1.10	1.95	0.005
15	15_60	585519	0.73	1.95	2.68	< 0.005
15		585520				5.69
15	15_61	585521	1.04	0.00	1.04	0.006
15	15_61	585522	0.6	1.04	1.64	< 0.005
15	15_61	585523	1.22	1.64	2.86	0.005
15	15_61	585524	1.13	2.86	3.99	0.008
15	15_62	585525	1.12	0.00	1.12	0.008
15	15_62	585526	1.11	1.12	2.23	0.006
15	15_62	585527	1.06	2.23	3.29	< 0.005
15	15_62	585528	0.76	3.29	4.05	0.009
15	13E_95	585529	0.98	0.00	0.98	0.019
15	13E_95	585530	0.89	0.98	1.87	0.377

Trench ID	Channel ID	Sample ID	Length (m)	From(m)	To(m)	Au (g/t)
15	13E_95	585531	0.79	1.87	2.66	0.768
15	13E_95	585532	1.14	2.66	3.80	4.51
H4		585533				9.22
H4	H4_1	585534	0.94	0.00	0.94	0.015
H4	H4_1	585535	0.99	0.94	1.93	0.02
H4	H4_1	585536	0.7	1.93	2.63	0.058
H4	H4_1	585537	1.09	2.63	3.72	< 0.005
H4	H4_1	585538	1.03	3.72	4.75	0.009
H4	H4_1	585539	0.75	4.75	5.50	0.012
H4		585540				3.18
H4	H4_1	585541	0.77	5.50	6.27	0.009
H4	H4_2	585542	0.9	0.00	0.90	< 0.005
H4	H4_2	585543	0.87	0.90	1.77	1.07
H4	H4_3	585544	0.61	0.00	0.61	0.005
H4	H4_3	585545	0.64	0.61	1.25	0.154
H4	H4_3	585546	1.13	1.25	2.38	0.013
H4	H4_4	585547	0.89	0.00	0.89	0.868
H4	H4_4	585548	0.75	0.89	1.64	0.013
H4	H4_4	585549	0.65	1.64	2.29	0.08
H4	H4_5	585550	1.22	0.00	1.22	0.006
H4	H4_5	585551	0.79	1.22	2.01	< 0.005
H4	H4_5	585552	0.73	2.01	2.74	< 0.005
H4	H4_5	585553	1	2.74	3.74	< 0.005
H4	H4_6	585554	1.12	0.00	1.12	< 0.005
H4	H4_7	585555	0.68	0.00	0.68	< 0.005
H4	H4_7	585556	1	2.03	3.03	0.044
H4	H4_7	585557	1.07	3.03	4.10	< 0.005
H4	H4_8	585558	1.73	0.00	1.73	< 0.005
H4	H4_8	585559	0.98	1.73	2.71	0.017
H4		585560				3.24
H4	H4_8	585561	1.05	2.71	3.76	0.009
H4	H4_8	585562	1.08	3.76	4.84	< 0.005
H4	H4_8	585563	1.03	4.84	5.87	0.008
H4	H4_8	585564	0.64	5.87	6.51	0.041
H4	H4_8	585565	0.67	6.51	7.18	0.017
H4	H4_9	585566	1.07	0.00	1.07	0.02
H4	H4_10	585567	0.97	0.00	0.97	0.024
H4	H4_10	585568	0.81	0.97	1.78	< 0.005
H4	H4_11	585569	1.29	0.00	1.29	0.005
H4	H4_12	585570	0.98	0.00	0.98	0.044
H4	H4_12	585571	1.17	0.98	2.15	< 0.005

Trench ID	Channel ID	Sample ID	Length (m)	From(m)	To(m)	Au (g/t)
H4	H4_7	585572	1.35	0.68	2.03	< 0.005
H4	H4_7	585573				0.034

20 Appendix IV – Prospecting and Trench Photos

Figure 23 – Photo of Trench 31W

Figure 24 – Photo of H4

Figure 25 – Photo of grab sample 585271

21 Appendix V – Assay Certificates

The following assay certificates accompany this document:

	Certificate Number
1	A17-10677
2	A17-10766
3	A17-10986
4	A17-11095
5	A17-11385
6	A17-11794
7	A17-12075
8	A17-8873
9	A17-9494
10	A17-9899
11	A17-10102
12	A17-12076

Quality Analysis ... *Innovative Technologies*

Date Submitted: 22-Aug-17
Invoice No.: A17-08973
Invoice Date: 25-Aug-17
Your Reference: Huronian Property

Fladgate Exploration
1158 Russell ST
Suite D
Thunder Bay On P7B5N2
Canada

ATTN: Michael Thompson

CERTIFICATE OF ANALYSIS

50 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-50-Tbay Au - Fire Assay AA(QOP Fire Assay Tbay)

REPORT **A17-08973**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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Analyte Symbol	Au	Au
Unit Symbol	g/tonne	ppb
Lower Limit	0.02	5
Method Code	FA-GRA	FA-AA
585401		127
585402		287
585403		315
585404		262
585405		9
585406		< 5
585407		614
585408		6
585409		< 5
585410		224
585411		58
585412		13
585413		< 5
585414		71
585415		12
585416		< 5
585417		541
585451		< 5
585452		< 5
585453		20
585454		15
585455		25
585456		12
585457		354
585458		5
585459		79
585460		3020
585461	15.7	> 5000
585462		37
585463		14
585464		16
585465		< 5
585466		26
585467		5
585468		46
585469		27
585470		126
468851		< 5
468852		< 5
468853		< 5
468854		45

Analyte Symbol	Au	Au
Unit Symbol	g/tonne	ppb
Lower Limit	0.02	5
Method Code	FA-GRA	FA-AA
468855		10
468856		9
468857		< 5
468858		< 5
468859		< 5
468860		104
468861		143
468862		7
468863		< 5

Analyte Symbol	Au	Au
Unit Symbol	g/tonne	ppb
Lower Limit	0.02	5
Method Code	FA-GRA	FA-AA
OREAS 214 Meas	2.99	
OREAS 214 Cert	3.03	
OREAS 218 Meas		542
OREAS 218 Cert		525
OREAS 218 Meas		550
OREAS 218 Cert		525
OREAS 224 (Fire Assay) Meas		2150
OREAS 224 (Fire Assay) Cert		2150
OREAS 224 (Fire Assay) Meas		2160
OREAS 224 (Fire Assay) Cert		2150
585410 Orig		222
585410 Dup		226
585453 Orig		24
585453 Dup		15
585463 Orig		12
585463 Dup		16
468858 Orig		< 5
468858 Dup		< 5
468863 Orig		< 5
468863 Split PREP DUP		< 5
Method Blank		< 5
Method Blank		< 5
Method Blank		< 5
Method Blank	< 0.02	

Quality Analysis ... *Innovative Technologies*

Date Submitted: 01-Sep-17
Invoice No.: A17-09494
Invoice Date: 12-Sep-17
Your Reference:

Fladgate Exploration
1158 Russell ST
Suite D
Thunder Bay On P7B5N2
Canada

ATTN: Michael Thompson

CERTIFICATE OF ANALYSIS

47 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-50-Tbay Au - Fire Assay AA(QOP Fire Assay Tbay)

REPORT **A17-09494**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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
468864	8
468865	24
468866	9
468867	10
468868	< 5
468869	< 5
468870	9
468871	92
468872	293
468873	24
468874	70
468875	< 5
585471	6
585472	< 5
585473	24
585474	11
585475	< 5
585476	< 5
585477	11
585478	524
585479	7
585480	448
585481	29
585482	< 5
585483	< 5
585484	5
585485	12
585486	< 5
585487	< 5
585488	< 5
585489	10
585490	< 5
585491	< 5
585492	41
585493	6
585494	< 5
585495	41
585496	6
585497	< 5
585498	19
585499	< 5
585500	6

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
585418	16
585419	10
585420	9
585421	16
585422	9

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 218 Meas	514
OREAS 218 Cert	531
OREAS 218 Meas	514
OREAS 218 Cert	531
OREAS 218 Meas	512
OREAS 218 Cert	531
OREAS 224 (Fire Assay) Meas	2080
OREAS 224 (Fire Assay) Cert	2150
OREAS 224 (Fire Assay) Meas	2080
OREAS 224 (Fire Assay) Cert	2150
468869 Orig	< 5
468869 Dup	< 5
468873 Orig	24
468873 Dup	23
585478 Orig	557
585478 Dup	490
585488 Orig	< 5
585488 Dup	< 5
585420 Orig	9
585420 Dup	9
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Date Submitted: 12-Sep-17
Invoice No.: A17-09899
Invoice Date: 03-Oct-17
Your Reference: Huronian Property

Fladgate Exploration
1158 Russell ST
Suite D
Thunder Bay On P7B5N2
Canada

ATTN: Michael Thompson

CERTIFICATE OF ANALYSIS

28 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-50-Tbay Au - Fire Assay AA(QOP Fire Assay Tbay)

REPORT **A17-09899**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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
468876	336	
468877	2360	
468878	259	
468879	< 5	
468880	< 5	
468881	7	
468882	> 5000	17.7
468883	> 5000	14.8
468884	30	
468885	411	
468886	763	
468887	> 5000	42.9
468888	444	
468889	1680	
468890	100	
468891	217	
585423	< 5	
585424	< 5	
585425	24	
585426	12	
585427	14	
585428	< 5	
585429	14	
585430	5	
585431	9	
585432	23	
585433	5	
585434	327	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 214 Meas		2.98
OREAS 214 Cert		3.03
OREAS 214 Meas		2.90
OREAS 214 Cert		3.03
OREAS 216 (Fire Assay) Meas		6.68
OREAS 216 (Fire Assay) Cert		6.66
OREAS 216 (Fire Assay) Meas		6.38
OREAS 216 (Fire Assay) Cert		6.66
OREAS 223 (Fire Assay) Meas	1740	
OREAS 223 (Fire Assay) Cert	1780	
OREAS 220 (Fire Assay) Meas	851	
OREAS 220 (Fire Assay) Cert	828	
468885 Orig	365	
468885 Dup	456	
585426 Orig	12	
585426 Dup	12	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.02
Method Blank		< 0.02

Quality Analysis ... *Innovative Technologies*

Date Submitted: 18-Sep-17
Invoice No.: A17-10102
Invoice Date: 29-Sep-17
Your Reference: Huronian Property

Fladgate Exploration
1158 Russell ST
Suite D
Thunder Bay On P7B5N2
Canada

ATTN: Michael Thompson

CERTIFICATE OF ANALYSIS

46 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-50-Tbay Au - Fire Assay AA(QOP Fire Assay Tbay)

REPORT **A17-10102**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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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
585435	5
585436	< 5
585437	< 5
585438	< 5
585439	8
585440	20
585441	< 5
585442	5
585443	< 5
585444	5
585445	7
585446	30
585447	< 5
585448	41
585449	< 5
585450	8
585351	122
585352	< 5
585353	11
585354	151
585355	< 5
585356	< 5
585357	9
585358	147
585359	119
585360	< 5
585361	19
585362	9
585363	5
585364	8
585365	5
585366	< 5
585367	32
585368	7
585369	386
585370	< 5
585371	74
585372	6
585373	< 5
585374	8
585375	< 5
585376	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
585377	< 5
585378	11
585379	< 5
585380	20

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 223 (Fire Assay) Meas	1720
OREAS 223 (Fire Assay) Cert	1780
OREAS 220 (Fire Assay) Meas	855
OREAS 220 (Fire Assay) Cert	828
OREAS 220 (Fire Assay) Meas	847
OREAS 220 (Fire Assay) Cert	828
585444 Orig	5
585444 Dup	5
585354 Orig	157
585354 Dup	144
585364 Orig	8
585364 Dup	8
585379 Orig	< 5
585379 Dup	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Date Submitted: 28-Sep-17
Invoice No.: A17-10677-ReAssay2
Invoice Date: 24-Nov-17
Your Reference: Huronian Property

Fladgate Exploration
1158 Russell ST
Suite D
Thunder Bay On P7B5N2
Canada

ATTN: Michael Thompson

CERTIFICATE OF ANALYSIS

212 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-50-Tbay Au - Fire Assay AA(QOP Fire Assay Tbay)

REPORT **A17-10677-ReAssay2**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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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/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA-GRA
584051	< 0.005	
584052	< 0.005	
584054	< 0.005	
584055	< 0.005	
584056	< 0.005	
584057	< 0.005	
584058	< 0.005	
584059	< 0.005	
584060	5.74	
584061	< 0.005	
584062	< 0.005	
584063	< 0.005	
584064	0.006	
584065	0.006	
584066	0.025	
584067	0.008	
584068	0.005	
584069	0.009	
584070	0.005	
584071	0.012	
584072	< 0.005	
584073	< 0.005	
584074	0.008	
584075	< 0.005	
584076	< 0.005	
584077	0.005	
584078	0.005	
584079	0.013	
584080	< 0.005	
584081	0.008	
584082	0.005	
584083	0.006	
584084	0.007	
584085	0.007	
584086	0.007	
584087	0.029	
584088	0.025	
584089	< 0.005	
584090	< 0.005	
584091	< 0.005	
584092	0.010	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA-GRA
584093	< 0.005	
584094	< 0.005	
584095	< 0.005	
584096	< 0.005	
584097	< 0.005	
584098	0.008	
584099	0.078	
584100	5.98	
584101	< 0.005	
584102	0.005	
584103	< 0.005	
584104	< 0.005	
584105	< 0.005	
584106	0.030	
584107	0.014	
584108	< 0.005	
584109	< 0.005	
584110	< 0.005	
584111	< 0.005	
584112	0.030	
584113	0.012	
584114	0.011	
584115	0.007	
584116	0.013	
584117	0.007	
584118	0.005	
584119	0.008	
584120	> 10.0	13.4
584121	< 0.005	
584122	< 0.005	
584123	< 0.005	
584124	< 0.005	
584125	< 0.005	
584126	< 0.005	
584127	< 0.005	
584128	< 0.005	
584129	< 0.005	
584130	< 0.005	
584131	0.010	
584132	< 0.005	
584133	< 0.005	
584134	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA-GRA
584135	< 0.005	
584136	< 0.005	
584137	< 0.005	
584138	< 0.005	
584139	< 0.005	
584140	> 10.0	13.2
584141	< 0.005	
584142	< 0.005	
584143	< 0.005	
584144	< 0.005	
584145	< 0.005	
584146	< 0.005	
584147	< 0.005	
584148	< 0.005	
584149	< 0.005	
584150	< 0.005	
584151	< 0.005	
584152	< 0.005	
584153	< 0.005	
584154	< 0.005	
584155	< 0.005	
584156	< 0.005	
584157	< 0.005	
584158	< 0.005	
584159	< 0.005	
584160	1.03	
584161	< 0.005	
584162	< 0.005	
584163	0.005	
584164	< 0.005	
584165	< 0.005	
584166	0.017	
584167	< 0.005	
584168	< 0.005	
585001	< 0.005	
585002	< 0.005	
585003	< 0.005	
585004	0.016	
585005	0.026	
585006	0.019	
585007	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA-GRA
585008	< 0.005	
585009	0.169	
585010	0.036	
585011	0.014	
585012	0.017	
585013	0.958	
585014	0.066	
585015	0.009	
585016	0.005	
585017	< 0.005	
585018	< 0.005	
585019	< 0.005	
585020	0.014	
585021	< 0.005	
585022	< 0.005	
585023	< 0.005	
585024	0.024	
585025	< 0.005	
585026	< 0.005	
585027	< 0.005	
585028	< 0.005	
585029	0.092	
468761	0.061	
468762	0.018	
468763	0.033	
468764	0.098	
585381	0.025	
585382	0.036	
585383	0.566	
585384	0.008	
585385	0.015	
585386	0.013	
585387	< 0.005	
585388	< 0.005	
585389	0.005	
585390	0.014	
585391	0.008	
585392	0.020	
585393	< 0.005	
585394	0.011	
585395	< 0.005	
585396	0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA-GRA
585397	0.055	
585398	0.076	
585399	< 0.005	
585400	< 0.005	
585251	< 0.005	
585252	< 0.005	
585253	< 0.005	
585254	0.093	
585255	< 0.005	
585256	< 0.005	
585257	0.018	
585258	< 0.005	
585259	< 0.005	
585260	0.021	
585261	0.145	
585262	0.014	
585263	0.008	
585264	0.005	
585265	> 10.0	89.5
585266	0.892	
585267	1.30	
585268	0.406	
585269	0.234	
585270	0.253	
585271	2.69	
585272	1.87	
585273	< 0.005	
585274	< 0.005	
585275	< 0.005	
585276	0.272	
585277	0.202	
585278	0.006	
585279	0.006	
585280	0.013	
585281	0.018	
585282	0.013	
585283	0.017	
585284	0.017	
585285	0.007	
585286	< 0.005	
585287	0.070	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA-GRA
585288	< 0.005	
585289	0.007	
585290	0.014	
585291	0.021	
585292	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA-GRA
OREAS 214 Meas		2.95
OREAS 214 Cert		3.03
OREAS 216 (Fire Assay) Meas		6.49
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.874	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.867	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.878	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.836	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.862	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.879	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.867	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.879	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 224 (Fire Assay) Meas	2.18	
OREAS 224 (Fire Assay) Cert	2.15	
OREAS 224 (Fire Assay) Meas	2.20	
OREAS 224 (Fire Assay) Cert	2.15	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA-GRA
OREAS 224 (Fire Assay) Meas	2.20	
OREAS 224 (Fire Assay) Cert	2.15	
OREAS 224 (Fire Assay) Meas	2.19	
OREAS 224 (Fire Assay) Cert	2.15	
OREAS 224 (Fire Assay) Meas	2.20	
OREAS 224 (Fire Assay) Cert	2.15	
OREAS 224 (Fire Assay) Meas	2.20	
OREAS 224 (Fire Assay) Cert	2.15	
OREAS 224 (Fire Assay) Meas	2.18	
OREAS 224 (Fire Assay) Cert	2.15	
OREAS 224 (Fire Assay) Meas	2.19	
OREAS 224 (Fire Assay) Cert	2.15	
584061 Orig	< 0.005	
584061 Dup	< 0.005	
584071 Orig	0.011	
584071 Dup	0.012	
584081 Orig	0.008	
584081 Dup	0.008	
584096 Orig	< 0.005	
584096 Dup	< 0.005	
584101 Orig	< 0.005	
584101 Split	< 0.005	
584106 Orig	0.030	
584106 Dup	0.029	
584116 Orig	0.013	
584116 Dup	0.013	
584131 Orig	0.010	
584131 Dup	0.010	
584142 Orig	0.005	
584142 Dup	< 0.005	
584151 Orig	< 0.005	
584151 Split	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA-GRA
584151 Orig	< 0.005	
584151 Dup	< 0.005	
584166 Orig	0.017	
584166 Dup	0.017	
585002 Orig	< 0.005	
585002 Dup	< 0.005	
585008 Orig	< 0.005	
585008 Dup	< 0.005	
585017 Orig	< 0.005	
585017 Dup	< 0.005	
585028 Orig	< 0.005	
585028 Dup	< 0.005	
468764 Orig	0.098	
468764 Split PREP DUP	0.098	
585390 Orig	0.014	
585390 Dup	0.014	
585400 Orig	< 0.005	
585400 Dup	< 0.005	
585260 Orig	0.019	
585260 Dup	0.024	
585275 Orig	< 0.005	
585275 Dup	< 0.005	
585280 Orig	0.013	
585280 Split PREP DUP	0.011	
585285 Orig	0.006	
585285 Dup	0.007	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA-GRA
Method Blank		< 0.02

Quality Analysis ... *Innovative Technologies*

Date Submitted: 02-Oct-17
Invoice No.: A17-10766
Invoice Date: 19-Oct-17
Your Reference: Huronian Property

Fladgate Exploration
1158 Russell ST
Suite D
Thunder Bay On P7B5N2
Canada

ATTN: Michael Thompson

CERTIFICATE OF ANALYSIS

224 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-50-Tbay Au - Fire Assay AA(QOP Fire Assay Tbay)

REPORT **A17-10766**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
584169	0.034		
584170	0.008		
584171	0.007		
584172	0.006		
584173	0.010		
584174	0.012		
584175	0.010		
584176	0.011		
584177	0.005		
584178	0.007		
584179	0.009		
584180	< 0.005		
584181	0.011		
584182	0.007		
584183	0.020		
584184	0.011		
584185	0.011		
584186	0.009		
584187	0.042		
584188	0.010		
584189	0.029		
584190	0.020		
584191	0.017		
584192	0.266		
584193	0.044		
584194	0.010		
584195	0.019		
584196	0.030		
584197	0.006		
584198	0.016		
584199	0.078		
584200	0.981		3.0
584201	0.109		
584202	0.842		1.2
584203	0.083		
584204	0.576		0.3
584205	0.155		
584206	0.388		
584207	0.032		
584208	0.075		
584209	0.061		

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
584210	6.61		1.5
584211	0.066		
584212	0.557		0.9
584213	1.24		1.8
584214	0.019		
584215	0.039		
584216	0.020		
584217	0.019		
584218	0.091		
584219	0.054		
584220	< 0.005		
584221	0.095		
584222	0.016		
584223	0.019		
584224	0.016		
584225	0.060		
584226	0.117		
584227	0.120		
584228	0.006		
584229	0.005		
584230	0.011		
584231	0.011		
584232	0.015		
584233	0.018		
584234	0.305		
584235	0.056		
584236	0.012		
584237	0.008		
584238	0.010		
584239	0.012		
584240	> 10.0	13.3	17.2
584241	0.025		
584242	0.010		
584243	0.006		
584244	0.085		
584245	0.008		
584246	0.027		
584247	0.010		
584248	0.022		
584249	0.009		
584250	0.012		
584251	0.129		

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
584252	0.040		
584253	0.098		
584254	0.019		
584255	0.016		
584256	0.011		
584257	0.016		
584258	0.006		
584259	0.013		
584260	5.49		2.0
584261	0.013		
584262	0.024		
584263	0.017		
584264	0.070		
584265	0.203		
584266	0.025		
584267	0.007		
584268	0.013		
584269	0.293		
584270	0.013		
584271	0.034		
584272	0.021		
584273	0.010		
584274	0.005		
584275	0.019		
584276	0.008		
584277	0.019		
584278	0.484		
584279	0.030		
584280	< 0.005		
584281	0.175		
584282	1.52		9.9
584283	0.009		
584284	0.061		
584285	< 0.005		
584286	0.209		
584287	0.957		4.2
584288	0.023		
584289	0.134		
584290	0.020		
584291	0.005		
584292	0.011		

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
584293	0.022		
584294	0.006		
584295	< 0.005		
584296	< 0.005		
584297	0.014		
584298	< 0.005		
584299	< 0.005		
584300	0.958		2.9
584301	< 0.005		
584302	< 0.005		
584303	< 0.005		
584304	< 0.005		
584305	< 0.005		
584306	< 0.005		
584307	< 0.005		
584308	0.224		
584309	0.007		
584310	< 0.005		
584311	< 0.005		
584312	< 0.005		
584313	0.005		
584314	0.005		
584315	0.007		
584316	< 0.005		
584317	0.013		
584318	0.128		
584319	0.005		
584320	5.68		2.0
584321	0.005		
584322	< 0.005		
584323	0.006		
584324	0.006		
584325	0.010		
584326	0.053		
584327	0.013		
584328	0.005		
584329	0.007		
584330	0.016		
584331	0.012		
584332	0.129		
584333	0.105		
584334	0.033		

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
584335	0.017		
584336	0.010		
584337	0.008		
584338	0.064		
584339	0.009		
584340	< 0.005		
584341	0.048		
584342	0.011		
584343	0.172		
584344	0.423		
584345	1.04		15.4
584346	0.037		
584347	0.102		
584348	0.171		
584349	0.687		0.7
584350	0.283		
584351	0.147		
584352	0.012		
584353	0.022		
584354	0.008		
584355	2.30		1.0
584356	1.07		1.3
584357	0.685		1.6
584358	4.31		3.2
584359	0.070		
584360	> 10.0	13.4	17.7
584361	0.201		
584362	0.036		
584363	1.49		0.7
584364	5.27		3.4
584365	0.452		
584366	0.146		
584367	0.031		
584368	1.06		7.8
584369	0.013		
584370	0.005		
584371	0.076		
584372	0.119		
584373	0.443		
584374	0.277		
584375	0.080		

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
584376	0.036		
584377	0.076		
584378	0.032		
584379	0.068		
584380	< 0.005		
584381	0.962		1.6
584382	0.159		
468751	< 0.005		
468752	< 0.005		
468753	0.224		
468754	< 0.005		
468755	0.027		
468756	< 0.005		
468757	0.010		
468758	< 0.005		
468759	< 0.005		
468760	0.051		

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
GXR-1 Meas			29.8
GXR-1 Cert			31.0
GXR-4 Meas			3.5
GXR-4 Cert			4.0
GXR-6 Meas			0.3
GXR-6 Cert			1.30
OREAS 214 Meas		2.97	
OREAS 214 Cert		3.03	
OREAS 216 (Fire Assay) Meas		6.66	
OREAS 216 (Fire Assay) Cert		6.66	
OREAS 220 (Fire Assay) Meas	0.829		
OREAS 220 (Fire Assay) Cert	0.828		
OREAS 220 (Fire Assay) Meas	0.859		
OREAS 220 (Fire Assay) Cert	0.828		
OREAS 220 (Fire Assay) Meas	0.857		
OREAS 220 (Fire Assay) Cert	0.828		
OREAS 220 (Fire Assay) Meas	0.849		
OREAS 220 (Fire Assay) Cert	0.828		
OREAS 220 (Fire Assay) Meas	0.849		
OREAS 220 (Fire Assay) Cert	0.828		
OREAS 220 (Fire Assay) Meas	0.864		
OREAS 220 (Fire Assay) Cert	0.828		
OREAS 220 (Fire Assay) Meas	0.854		
OREAS 220 (Fire Assay) Cert	0.828		
OREAS 222(FIRE ASSAY) Meas	1.17		
OREAS 222(FIRE ASSAY) Cert	1.22		
OREAS 222(FIRE ASSAY) Meas	1.20		

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
OREAS 222(FIRE ASSAY) Cert	1.22		
OREAS 222(FIRE ASSAY) Meas	1.24		
OREAS 222(FIRE ASSAY) Cert	1.22		
OREAS 222(FIRE ASSAY) Meas	1.21		
OREAS 222(FIRE ASSAY) Cert	1.22		
OREAS 222(FIRE ASSAY) Meas	1.22		
OREAS 222(FIRE ASSAY) Cert	1.22		
OREAS 222(FIRE ASSAY) Meas	1.23		
OREAS 222(FIRE ASSAY) Cert	1.22		
OREAS 222(FIRE ASSAY) Meas	1.21		
OREAS 222(FIRE ASSAY) Cert	1.22		
584178 Orig	0.007		
584178 Dup	0.007		
584188 Orig	0.010		
584188 Dup	0.010		
584198 Orig	0.016		
584198 Dup	0.016		
584213 Orig	1.24		
584213 Dup	1.24		
584218 Orig	0.091		
584218 Split	0.065		
584223 Orig	0.022		
584223 Dup	0.015		
584233 Orig	0.017		
584233 Dup	0.018		
584250 Orig	0.011		
584250 Dup	0.013		
584261 Orig	0.013		
584261 Dup	0.012		
584268 Orig	0.013		
584268 Split	0.011		
584271 Orig	0.034		
584271 Dup	0.033		

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
584284 Orig	0.065		
584284 Dup	0.058		
584295 Orig	< 0.005		
584295 Dup	< 0.005		
584305 Orig	< 0.005		
584305 Dup	< 0.005		
584318 Orig	0.128		
584318 Split	0.091		
584319 Orig	0.005		
584319 Dup	0.006		
584328 Orig	0.006		
584328 Dup	0.005		
584337 Orig	0.008		
584337 Dup	0.008		
584345 Orig			14.9
584345 Dup			15.8
584353 Orig	0.023		
584353 Dup	0.021		
584362 Orig	0.042		
584362 Dup	0.030		
584368 Orig	1.06		7.8
584368 Split PREP DUP	1.22		7.2
584371 Orig	0.080		
584371 Dup	0.072		
468759 Orig	< 0.005		
468759 Dup	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank		< 0.02	

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
Method Blank			< 0.2

Quality Analysis ... *Innovative Technologies*

Date Submitted: 05-Oct-17
Invoice No.: A17-10986
Invoice Date: 31-Oct-17
Your Reference: Huronian Property

Fladgate Exploration
1158 Russell ST
Suite D
Thunder Bay On P7B5N2
Canada

ATTN: Michael Thompson

CERTIFICATE OF ANALYSIS

110 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50-10g/ t-Fladgate-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)

Code 1A3-50-Tbay Au - Fire Assay Gravimetric (QOP Fire Assay Tbay)

Code 1E-Ag Tbay Aqua Regia ICP(AQUAGEO)

REPORT **A17-10986**

Notes:

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

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
584383	0.368		
584384	0.013		
584385	< 0.005		
584386	0.029		
584387	0.038		
584388	0.163		
584389	0.685		3.4
584390	0.459		
584391	0.038		
584392	0.020		
584393	0.100		
584394	2.74		22.5
584395	0.309		
584396	0.011		
584397	0.022		
584398	0.042		
584399	0.014		
584400	> 10.0	13.5	17.4
584401	0.009		
584402	0.010		
584403	< 0.005		
584404	0.006		
584405	0.098		
584406	0.033		
584407	0.012		
584408	1.13		6.9
584409	0.008		
584410	0.011		
584411	0.012		
584412	0.218		
584413	0.254		
584414	0.119		
584415	0.709		0.5
584416	0.027		
584417	0.025		
584418	0.054		
584419	3.74		12.1
584420	5.73		2.0
584421	1.79		1.7
584422	0.066		
584423	0.598		1.8

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
584424	0.012		
584425	0.005		
584426	1.16		9.4
584427	> 10.0	13.5	49.2
584428	0.341		
584429	0.168		
584430	0.029		
584431	0.020		
584432	0.006		
584433	0.018		
584434	< 0.005		
584435	0.017		
584436	< 0.005		
584437	< 0.005		
584438	0.005		
584439	0.007		
584440	0.972		2.9
584441	0.005		
584442	0.005		
584443	0.005		
584444	0.007		
584445	< 0.005		
584446	0.005		
584447	< 0.005		
584448	0.008		
584449	0.005		
584450	0.006		
584451	0.005		
584452	< 0.005		
584453	0.008		
584454	< 0.005		
584455	< 0.005		
584456	0.005		
584457	0.005		
584458	< 0.005		
584459	0.052		
584460	< 0.005		
584461	< 0.005		
584462	< 0.005		
584463	< 0.005		
584464	< 0.005		
584465	0.005		

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
584466	< 0.005		
584467	0.005		
584468	0.005		
584469	< 0.005		
584470	< 0.005		
584471	< 0.005		
584472	< 0.005		
584473	< 0.005		
584474	< 0.005		
584475	0.006		
584476	< 0.005		
584477	< 0.005		
584478	< 0.005		
584479	< 0.005		
584480	< 0.005		
584481	< 0.005		
584482	< 0.005		
584483	< 0.005		
584484	< 0.005		
584485	0.006		
584486	< 0.005		
584487	< 0.005		
584488	< 0.005		
584489	< 0.005		
584490	< 0.005		
584491	< 0.005		
584492	0.005		

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
GXR-1 Meas			29.8
GXR-1 Cert			31.0
GXR-4 Meas			3.5
GXR-4 Cert			4.0
GXR-6 Meas			0.4
GXR-6 Cert			1.30
OREAS 216 (Fire Assay) Meas		6.56	
OREAS 216 (Fire Assay) Cert		6.66	
OREAS 220 (Fire Assay) Meas	0.848		
OREAS 220 (Fire Assay) Cert	0.828		
OREAS 220 (Fire Assay) Meas	0.844		
OREAS 220 (Fire Assay) Cert	0.828		
OREAS 220 (Fire Assay) Meas	0.860		
OREAS 220 (Fire Assay) Cert	0.828		
OREAS 220 (Fire Assay) Meas	0.859		
OREAS 220 (Fire Assay) Cert	0.828		
OREAS 222(FIRE ASSAY) Meas	1.16		
OREAS 222(FIRE ASSAY) Cert	1.22		
OREAS 222(FIRE ASSAY) Meas	1.21		
OREAS 222(FIRE ASSAY) Cert	1.22		
OREAS 222(FIRE ASSAY) Meas	1.24		
OREAS 222(FIRE ASSAY) Cert	1.22		
OREAS 222(FIRE ASSAY) Meas	1.24		
OREAS 222(FIRE ASSAY) Cert	1.22		
584392 Orig	0.023		
584392 Dup	0.016		
584400 Orig			17.0

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
584400 Dup			17.8
584402 Orig	0.011		
584402 Dup	0.010		
584412 Orig	0.184		
584412 Dup	0.253		
584427 Orig	> 10.0	13.5	
584427 Dup	> 10.0		
584432 Orig	0.006		
584432 Split PREP DUP	0.005		
584437 Orig	< 0.005		
584437 Dup	< 0.005		
584447 Orig	< 0.005		
584447 Dup	0.005		
584461 Orig	< 0.005		
584461 Dup	< 0.005		
584471 Orig	< 0.005		
584471 Dup	< 0.005		
584481 Orig	< 0.005		
584481 Dup	< 0.005		
584482 Orig	< 0.005		
584482 Split PREP DUP	< 0.005		
584490 Orig	< 0.005		
584490 Dup	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank		< 0.02	
Method Blank			< 0.2

Quality Analysis ... *Innovative Technologies*

Date Submitted: 06-Oct-17
Invoice No.: A17-11095
Invoice Date: 26-Oct-17
Your Reference:

Fladgate Exploration
1158 Russell ST
Suite D
Thunder Bay On P7B5N2
Canada

ATTN: Michael Thompson

CERTIFICATE OF ANALYSIS

103 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-50-10g/ t-Fladgate-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)

Code 1A3-50-Tbay Au - Fire Assay Gravimetric (QOP Fire Assay Tbay)

REPORT **A17-11095**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA-GRA
584493	0.011	
584494	0.007	
584495	< 0.005	
584496	< 0.005	
584497	0.005	
584498	0.009	
584499	0.014	
584500	> 10.0	13.3
584501	0.013	
584502	0.007	
584503	0.011	
584504	0.014	
584505	0.009	
584506	0.008	
584507	0.009	
584508	0.010	
584509	0.007	
584510	0.005	
584511	< 0.005	
584512	0.030	
584513	0.007	
584514	0.008	
584515	0.008	
584516	0.007	
584517	0.009	
584518	0.013	
584519	0.013	
584520	0.959	
584521	0.013	
584522	0.018	
584523	0.016	
584524	0.015	
584525	0.014	
584526	0.046	
584527	0.023	
584528	0.013	
584529	0.010	
584530	0.011	
584531	0.011	
584532	0.012	
584533	0.012	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA-GRA
584534	0.006	
584535	0.007	
584536	0.007	
584537	0.011	
584538	0.007	
584539	0.009	
584540	> 10.0	13.0
584541	0.006	
584542	0.005	
584543	0.006	
584544	< 0.005	
584545	< 0.005	
584546	0.005	
584547	< 0.005	
584548	0.012	
584549	< 0.005	
584550	0.005	
584551	< 0.005	
584552	< 0.005	
584553	0.005	
584554	< 0.005	
584555	< 0.005	
584556	< 0.005	
584557	< 0.005	
584558	< 0.005	
584559	< 0.005	
584560	< 0.005	
584561	0.014	
584562	0.010	
584563	< 0.005	
584564	0.006	
584565	< 0.005	
584566	0.021	
584567	< 0.005	
584568	< 0.005	
584569	< 0.005	
584570	< 0.005	
584571	< 0.005	
584572	< 0.005	
584573	< 0.005	
584574	< 0.005	
584575	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA-GRA
584576	< 0.005	
584577	< 0.005	
584578	< 0.005	
584579	< 0.005	
584580	> 10.0	13.1
584581	0.006	
584582	< 0.005	
584583	< 0.005	
584584	0.006	
584585	0.007	
584586	< 0.005	
584587	< 0.005	
584588	< 0.005	
584589	0.044	
584590	0.009	
584591	0.031	
584592	0.006	
584593	0.005	
584594	0.005	
584595	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA-GRA
OREAS 214 Meas		2.96
OREAS 214 Cert		3.03
OREAS 216 (Fire Assay) Meas		6.38
OREAS 216 (Fire Assay) Cert		6.66
OREAS 220 (Fire Assay) Meas	0.851	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.841	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.849	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 222(FIRE ASSAY) Meas	1.16	
OREAS 222(FIRE ASSAY) Cert	1.22	
OREAS 222(FIRE ASSAY) Meas	1.20	
OREAS 222(FIRE ASSAY) Cert	1.22	
OREAS 222(FIRE ASSAY) Meas	1.16	
OREAS 222(FIRE ASSAY) Cert	1.22	
584505 Orig	0.009	
584505 Dup	0.008	
584514 Orig	0.007	
584514 Dup	0.008	
584523 Orig	0.016	
584523 Dup	0.016	
584542 Orig	0.005	
584542 Split PREP DUP	0.005	
584542 Split PREP DUP	0.005	
584544 Orig	< 0.005	
584544 Dup	< 0.005	
584548 Orig	0.012	
584548 Dup	0.011	

Analyte Symbol	Au	Au
Unit Symbol	g/mt	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA-GRA
584571 Orig	< 0.005	
584571 Dup	< 0.005	
584581 Orig	0.007	
584581 Dup	0.005	
584591 Orig	0.031	
584591 Dup	0.031	
584592 Orig	0.006	
584592 Split PREP DUP	0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02

Quality Analysis ... *Innovative Technologies*

Date Submitted: 16-Oct-17
Invoice No.: A17-11385
Invoice Date: 07-Nov-17
Your Reference: Huronian Property

Fladgate Exploration
1158 Russell ST
Suite D
Thunder Bay On P7B5N2
Canada

ATTN: Michael Thompson

CERTIFICATE OF ANALYSIS

136 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50-10g/ t-Fladgate-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)

Code 1A3-50-Tbay Au - Fire Assay Gravimetric (QOP Fire Assay Tbay)

Code 1E-Ag Tbay Aqua Regia ICP(AQUAGEO)

REPORT **A17-11385**

Notes:

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

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
584596	0.020		
584597	0.020		
584598	0.017		
584599	0.009		
584600	5.56		1.7
584601	0.005		
584602	0.009		
584603	0.011		
584604	0.015		
584605	0.027		
584606	0.012		
584607	< 0.005		
584608	0.017		
584609	0.009		
584610	0.018		
584611	0.015		
584612	0.011		
584613	0.010		
584614	0.028		
584615	0.027		
584616	0.008		
584617	0.005		
584618	0.005		
584619	0.008		
584620	< 0.005		
584621	< 0.005		
584622	0.013		
584623	0.061		
584624	0.023		
584625	0.009		
584626	0.068		
584627	0.017		
584628	0.011		
584629	0.012		
584630	0.009		
584631	0.012		
584632	0.021		
584633	0.021		
584634	0.039		
584635	0.006		
584636	0.016		

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
584637	0.011		
584638	0.022		
584639	0.021		
584640	5.64		1.9
584641	0.017		
584642	0.017		
584643	0.013		
584644	0.017		
584645	0.012		
584646	0.018		
584647	0.019		
584648	0.039		
584649	0.005		
584650	0.028		
584651	0.247		
584652	0.592		< 0.2
584653	0.030		
584654	0.412		
584655	0.160		
584656	0.424		
584657	0.020		
584658	< 0.005		
584659	< 0.005		
584660	< 0.005		
584661	0.043		
584662	< 0.005		
584663	0.010		
584664	0.009		
584665	0.009		
584666	0.007		
584667	0.007		
584668	0.007		
584669	0.013		
584670	0.006		
584671	0.007		
584672	0.006		
584673	< 0.005		
584674	< 0.005		
584675	< 0.005		
584676	< 0.005		
584677	< 0.005		
584678	< 0.005		

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
584679	< 0.005		
584680	> 10.0	13.4	15.3
584681	< 0.005		
584682	< 0.005		
584683	< 0.005		
584684	< 0.005		
584685	< 0.005		
584686	< 0.005		
584687	< 0.005		
584688	< 0.005		
584689	< 0.005		
584690	< 0.005		
584691	< 0.005		
584692	0.006		
584693	0.052		
584694	0.023		
584695	0.019		
584696	0.172		
584697	0.438		
584698	3.54		0.8
584699	0.452		
584700	> 10.0	13.3	15.5
584701	0.397		
584702	0.005		
584703	< 0.005		
584704	< 0.005		
584705	< 0.005		
584706	< 0.005		
584707	0.006		
584708	0.007		
584709	0.019		
584710	0.021		
584711	0.015		
584712	0.005		
584713	0.006		
584714	0.025		
584715	0.009		
584716	0.006		
584717	0.017		
584718	0.056		
584719	0.016		

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
584720	0.993		2.6
584721	0.174		
584722	0.042		
584723	0.069		
584724	0.028		
584725	0.058		
584726	0.005		
584727	< 0.005		
584728	0.006		
584729	0.010		
584730	0.034		
584731	0.009		

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
GXR-1 Meas			27.6
GXR-1 Cert			31.0
GXR-1 Meas			27.7
GXR-1 Cert			31.0
GXR-4 Meas			3.4
GXR-4 Cert			4.0
GXR-4 Meas			3.5
GXR-4 Cert			4.0
GXR-6 Meas			0.3
GXR-6 Cert			1.30
GXR-6 Meas			0.3
GXR-6 Cert			1.30
OREAS 214 Meas		3.00	
OREAS 214 Cert		3.03	
OREAS 216 (Fire Assay) Meas		6.50	
OREAS 216 (Fire Assay) Cert		6.66	
OREAS 220 (Fire Assay) Meas	0.835		
OREAS 220 (Fire Assay) Cert	0.828		
OREAS 220 (Fire Assay) Meas	0.821		
OREAS 220 (Fire Assay) Cert	0.828		
OREAS 220 (Fire Assay) Meas	0.846		
OREAS 220 (Fire Assay) Cert	0.828		
OREAS 220 (Fire Assay) Meas	0.857		
OREAS 220 (Fire Assay) Cert	0.828		
OREAS 222(FIRE ASSAY) Meas	1.21		
OREAS 222(FIRE ASSAY) Cert	1.22		
OREAS 222(FIRE ASSAY) Meas	1.22		
OREAS 222(FIRE ASSAY) Cert	1.22		
OREAS 222(FIRE ASSAY) Meas	1.21		
OREAS 222(FIRE	1.22		

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
ASSAY) Cert			
OREAS 222(FIRE ASSAY) Meas	1.18		
OREAS 222(FIRE ASSAY) Cert	1.22		
584605 Orig	0.013		
584605 Dup	0.042		
584615 Orig	0.028		
584615 Dup	0.027		
584625 Orig	0.009		
584625 Dup	0.009		
584643 Orig	0.013		
584643 Dup	0.013		
584645 Orig	0.012		
584645 Split PREP DUP	0.012		
584652 Orig	0.611		
584652 Dup	0.572		
584661 Orig	0.045		
584661 Dup	0.041		
584674 Orig	< 0.005		
584674 Dup	< 0.005		
584684 Orig	< 0.005		
584684 Dup	< 0.005		
584694 Orig	0.022		
584694 Dup	0.023		
584695 Orig	0.019		
584695 Split PREP DUP	0.023		
584698 Orig			0.9
584698 Dup			0.8
584711 Orig	0.016		
584711 Dup	0.015		
584721 Orig	0.157		
584721 Dup	0.191		
584729 Orig	0.011		
584729 Dup	0.010		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank			< 0.2
Method Blank			< 0.2
Method Blank			< 0.2
Method Blank			< 0.2
Method Blank			< 0.2
Method Blank		< 0.02	

Quality Analysis ... *Innovative Technologies*

Date Submitted: 23-Oct-17
Invoice No.: A17-11794
Invoice Date: 16-Nov-17
Your Reference: Huronian Property

Fladgate Exploration
1158 Russell ST
Suite D
Thunder Bay On P7B5N2
Canada

ATTN: Michael Thompson

CERTIFICATE OF ANALYSIS

297 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-50-10g/ t-Fladgate-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A17-11794**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
584732	0.008		
584733	0.018		
584734	0.015		
584735	0.027		
584736	0.031		
584737	0.033		
584738	0.028		
584739	0.015		
584740	< 0.005		
584741	0.020		
584742	0.019		
584743	0.015		
584744	0.010		
584745	0.011		
584746	0.010		
584747	0.010		
584748	0.008		
584749	0.009		
584750	0.009		
584751	0.009		
584752	0.008		
584753	0.014		
584754	0.006		
584755	0.006		
584756	0.006		
584757	0.013		
584758	0.006		
584759	0.008		
584760	5.89		2.0
584761	0.013		
584762	0.012		
584763	0.088		
584764	0.134		
584765	> 10.0	217	5.7
584766	0.069		
584767	0.040		
584768	0.010		
584769	0.021		
584770	0.017		
584771	0.016		
584772	0.032		

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
584773	0.025		
584774	0.007		
584775	< 0.005		
584776	< 0.005		
584777	< 0.005		
584778	< 0.005		
584779	< 0.005		
584780	1.04		2.8
584781	< 0.005		
584782	< 0.005		
584783	< 0.005		
584784	< 0.005		
584785	< 0.005		
584786	< 0.005		
584787	< 0.005		
584788	< 0.005		
584789	0.008		
584790	< 0.005		
584791	< 0.005		
584792	< 0.005		
584793	< 0.005		
584794	< 0.005		
584795	0.006		
584796	< 0.005		
584797	< 0.005		
584798	< 0.005		
584799	< 0.005		
584800	< 0.005		
584801	< 0.005		
584802	< 0.005		
584803	< 0.005		
584804	< 0.005		
584805	< 0.005		
584806	< 0.005		
584807	< 0.005		
584808	< 0.005		
584809	< 0.005		
584810	< 0.005		
584811	< 0.005		
584812	0.005		
584813	< 0.005		
584814	0.150		

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
584815	< 0.005		
584816	< 0.005		
584817	0.005		
584818	0.017		
584819	< 0.005		
584820	> 10.0	14.0	17.3
584821	0.597		< 0.2
584822	0.038		
584823	0.025		
584824	0.025		
584825	0.024		
584826	0.171		
584827	0.005		
584828	0.007		
584829	< 0.005		
584830	< 0.005		
584831	< 0.005		
584832	0.005		
584833	< 0.005		
584834	< 0.005		
584835	0.006		
584836	0.007		
584837	< 0.005		
584838	< 0.005		
584839	0.006		
584840	> 10.0	13.8	16.9
584841	0.005		
584842	0.005		
584843	0.005		
584844	< 0.005		
584845	0.008		
584846	0.047		
584847	0.005		
584848	0.009		
584849	< 0.005		
584850	< 0.005		
584851	< 0.005		
584852	0.008		
584853	< 0.005		
584854	0.048		
584855	< 0.005		

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
584856	< 0.005		
584857	0.005		
584858	0.006		
584859	0.014		
584860	< 0.005		
584861	< 0.005		
584862	0.005		
584863	0.005		
584864	< 0.005		
584865	0.006		
584866	0.005		
584867	< 0.005		
584868	< 0.005		
584869	< 0.005		
584870	< 0.005		
584871	< 0.005		
584872	< 0.005		
584873	< 0.005		
584874	< 0.005		
584875	< 0.005		
584876	< 0.005		
584877	< 0.005		
584878	< 0.005		
584879	< 0.005		
584880	5.96		2.0
584881	< 0.005		
584882	< 0.005		
584883	< 0.005		
584884	< 0.005		
584885	< 0.005		
584886	< 0.005		
584887	0.018		
584888	0.015		
584889	0.014		
584890	0.016		
584891	0.010		
584892	0.007		
584893	0.007		
584894	0.005		
584895	0.006		
584896	0.005		
584897	0.007		

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
584898	< 0.005		
584899	< 0.005		
584900	1.01		3.0
584901	0.006		
584902	0.006		
584903	0.007		
584904	0.006		
584905	0.005		
584906	0.008		
584907	0.076		
584908	0.021		
584909	0.006		
584910	0.316		
584911	0.309		
584912	0.045		
584913	0.044		
584914	0.219		
584915	0.076		
584916	0.014		
584917	0.431		
584918	0.081		
584919	0.019		
584920	1.01		2.9
584921	0.475		
584922	0.112		
584923	0.032		
584924	0.013		
584925	0.037		
584926	0.018		
584927	0.438		
584928	0.026		
584929	0.012		
584930	0.040		
584931	0.044		
584932	0.039		
584933	0.046		
584934	0.380		
584935	0.006		
584936	< 0.005		
584937	0.007		
584938	< 0.005		

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
584939	0.006		
584940	5.91		2.0
584941	0.006		
584942	0.010		
584943	< 0.005		
584944	0.005		
584945	0.017		
584946	0.010		
584947	0.009		
584948	0.012		
584949	< 0.005		
584950	< 0.005		
584951	0.006		
584952	< 0.005		
584953	< 0.005		
584954	< 0.005		
584955	< 0.005		
584956	< 0.005		
584957	< 0.005		
584958	< 0.005		
584959	< 0.005		
584960	< 0.005		
584961	< 0.005		
584962	< 0.005		
584963	< 0.005		
584964	< 0.005		
584965	< 0.005		
584966	< 0.005		
584967	< 0.005		
584968	< 0.005		
584969	< 0.005		
584970	< 0.005		
584971	< 0.005		
584972	< 0.005		
584973	< 0.005		
584974	< 0.005		
584975	< 0.005		
584976	< 0.005		
584977	0.020		
584978	0.156		
584979	0.063		
584980	> 10.0	13.6	17.0

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
584981	0.019		
584982	0.008		
584983	< 0.005		
584984	0.010		
584985	< 0.005		
584986	< 0.005		
584987	< 0.005		
584988	< 0.005		
584989	< 0.005		
584990	0.008		
584991	0.006		
584992	0.007		
584993	0.007		
584994	0.014		
584995	0.005		
584996	0.005		
584997	0.005		
584998	< 0.005		
584999	0.007		
585000	< 0.005		
585501	< 0.005		
585502	0.005		
585503	< 0.005		
585504	0.005		
585505	< 0.005		
585506	< 0.005		
585507	< 0.005		
585508	< 0.005		
585509	0.005		
585510	0.006		
585511	0.016		
585512	< 0.005		
585513	< 0.005		
585514	0.005		
585515	0.009		
585516	< 0.005		
585517	0.005		
585518	0.005		
585519	< 0.005		
585520	5.69		2.1
585521	0.006		

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
585522	< 0.005		
585523	0.005		
585524	0.008		
585525	0.008		
585526	0.006		
585527	< 0.005		
585528	0.009		

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
GXR-1 Meas			29.1
GXR-1 Cert			31.0
GXR-1 Meas			29.1
GXR-1 Cert			31.0
GXR-1 Meas			29.5
GXR-1 Cert			31.0
GXR-1 Meas			28.8
GXR-1 Cert			31.0
GXR-4 Meas			3.6
GXR-4 Cert			4.0
GXR-4 Meas			3.7
GXR-4 Cert			4.0
GXR-4 Meas			3.8
GXR-4 Cert			4.0
GXR-4 Meas			4.0
GXR-4 Cert			4.0
GXR-6 Meas			0.3
GXR-6 Cert			1.30
GXR-6 Meas			0.3
GXR-6 Cert			1.30
GXR-6 Meas			0.3
GXR-6 Cert			1.30
GXR-6 Meas			0.3
GXR-6 Cert			1.30
OREAS 214 Meas		3.05	
OREAS 214 Cert		3.03	
OREAS 216 (Fire Assay) Meas		6.61	
OREAS 216 (Fire Assay) Cert		6.66	
OREAS 220 (Fire Assay) Meas	0.846		
OREAS 220 (Fire Assay) Cert	0.828		
OREAS 220 (Fire Assay) Meas	0.880		
OREAS 220 (Fire Assay) Cert	0.828		
OREAS 220 (Fire Assay) Meas	0.859		
OREAS 220 (Fire Assay) Cert	0.828		
OREAS 220 (Fire	0.858		

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
Assay) Meas			
OREAS 220 (Fire Assay) Cert	0.828		
OREAS 220 (Fire Assay) Meas	0.855		
OREAS 220 (Fire Assay) Cert	0.828		
OREAS 220 (Fire Assay) Meas	0.881		
OREAS 220 (Fire Assay) Cert	0.828		
OREAS 220 (Fire Assay) Meas	0.878		
OREAS 220 (Fire Assay) Cert	0.828		
OREAS 220 (Fire Assay) Meas	0.893		
OREAS 220 (Fire Assay) Cert	0.828		
OREAS 220 (Fire Assay) Meas	0.865		
OREAS 220 (Fire Assay) Cert	0.828		
OREAS 224 (Fire Assay) Meas	2.13		
OREAS 224 (Fire Assay) Cert	2.15		
OREAS 222(FIRE ASSAY) Meas	1.21		
OREAS 222(FIRE ASSAY) Cert	1.22		
OREAS 222(FIRE ASSAY) Meas	1.19		
OREAS 222(FIRE ASSAY) Cert	1.22		
OREAS 222(FIRE ASSAY) Meas	1.24		
OREAS 222(FIRE ASSAY) Cert	1.22		
OREAS 222(FIRE ASSAY) Meas	1.23		
OREAS 222(FIRE ASSAY) Cert	1.22		
OREAS 222(FIRE ASSAY) Meas	1.23		
OREAS 222(FIRE ASSAY) Cert	1.22		

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
OREAS 222(FIRE ASSAY) Meas	1.28		
OREAS 222(FIRE ASSAY) Cert	1.22		
OREAS 222(FIRE ASSAY) Meas	1.25		
OREAS 222(FIRE ASSAY) Cert	1.22		
OREAS 222(FIRE ASSAY) Meas	1.25		
OREAS 222(FIRE ASSAY) Cert	1.22		
OREAS 222(FIRE ASSAY) Meas	1.25		
OREAS 222(FIRE ASSAY) Cert	1.22		
584741 Orig	0.020		
584741 Dup	0.020		
584751 Orig	0.009		
584751 Dup	0.009		
584761 Orig	0.013		
584761 Dup	0.013		
584765 Orig		221	
584765 Dup		213	
584776 Orig	< 0.005		
584776 Dup	0.005		
584781 Orig	< 0.005		
584781 Split PREP DUP	< 0.005		
584786 Orig	< 0.005		
584786 Dup	< 0.005		
584796 Orig	< 0.005		
584796 Dup	< 0.005		
584807 Orig	< 0.005		
584807 Dup	< 0.005		
584824 Orig	0.023		
584824 Dup	0.026		
584831 Orig	< 0.005		
584831 Split PREP DUP	< 0.005		
584834 Orig	< 0.005		
584834 Dup	< 0.005		
584851 Orig	< 0.005		
584851 Dup	< 0.005		

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
584855 Orig	0.005		
584855 Dup	< 0.005		
584869 Orig	< 0.005		
584869 Dup	< 0.005		
584881 Orig	< 0.005		
584881 Split PREP DUP	< 0.005		
584882 Orig	< 0.005		
584882 Dup	< 0.005		
584891 Orig	0.010		
584891 Dup	0.010		
584901 Orig	0.006		
584901 Dup	0.006		
584916 Orig	0.014		
584916 Dup	0.013		
584927 Orig	0.421		
584927 Dup	0.456		
584931 Orig	0.044		
584931 Split PREP DUP	0.027		
584937 Orig	0.007		
584937 Dup	0.007		
584947 Orig	0.008		
584947 Dup	0.010		
584957 Orig	< 0.005		
584957 Dup	< 0.005		
584967 Orig	< 0.005		
584967 Dup	< 0.005		
584980 Orig			17.2
584980 Dup			16.7
584981 Orig	0.019		
584981 Split	0.019		
584982 Orig	0.009		
584982 Dup	0.007		
584992 Orig	0.007		
584992 Dup	0.006		
585502 Orig	0.005		
585502 Dup	0.005		
585519 Orig	< 0.005		
585519 Dup	< 0.005		
585528 Orig	0.007		
585528 Dup	0.010		

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank			< 0.2
Method Blank			< 0.2
Method Blank			< 0.2
Method Blank			< 0.2
Method Blank			< 0.2
Method Blank			< 0.2
Method Blank			< 0.2
Method Blank			< 0.2
Method Blank		< 0.02	
Method Blank	< 0.005		

Quality Analysis ... *Innovative Technologies*

Date Submitted: 27-Oct-17
Invoice No.: A17-12075
Invoice Date: 17-Nov-17
Your Reference: Huronian Property

Fladgate Exploration
1158 Russell ST
Suite D
Thunder Bay On P7B5N2
Canada

ATTN: Michael Thompson

CERTIFICATE OF ANALYSIS

45 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-50-10g/ t-Fladgate-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A17-12075**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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	Ag
Unit Symbol	g/mt	ppm
Lower Limit	0.005	0.2
Method Code	FA-AA	AR-ICP
585529	0.019	
585530	0.377	
585531	0.768	1.2
585532	4.51	4.9
585533	9.22	61.1
585534	0.015	
585535	0.020	
585536	0.058	
585537	< 0.005	
585538	0.009	
585539	0.012	
585540	3.18	1.4
585541	0.009	
585542	< 0.005	
585543	1.07	1.6
585544	0.005	
585545	0.154	
585546	0.013	
585547	0.868	0.5
585548	0.013	
585549	0.080	
585550	0.006	
585551	< 0.005	
585552	< 0.005	
585553	< 0.005	
585554	< 0.005	
585555	< 0.005	
585556	0.044	
585557	< 0.005	
585558	< 0.005	
585559	0.017	
585560	3.24	1.5
585561	0.009	
585562	< 0.005	
585563	0.008	
585564	0.041	
585565	0.017	
585566	0.020	
585567	0.024	
585568	< 0.005	
585569	0.005	
585570	0.044	

Analyte Symbol	Au	Ag
Unit Symbol	g/mt	ppm
Lower Limit	0.005	0.2
Method Code	FA-AA	AR-ICP
585571	< 0.005	
585572	< 0.005	
585573	0.034	

Analyte Symbol	Au	Ag
Unit Symbol	g/mt	ppm
Lower Limit	0.005	0.2
Method Code	FA-AA	AR-ICP
GXR-1 Meas		29.0
GXR-1 Cert		31.0
GXR-1 Meas		29.1
GXR-1 Cert		31.0
GXR-1 Meas		29.1
GXR-1 Cert		31.0
GXR-1 Meas		29.5
GXR-1 Cert		31.0
GXR-1 Meas		28.8
GXR-1 Cert		31.0
GXR-4 Meas		3.7
GXR-4 Cert		4.0
GXR-4 Meas		3.6
GXR-4 Cert		4.0
GXR-4 Meas		3.7
GXR-4 Cert		4.0
GXR-4 Meas		3.8
GXR-4 Cert		4.0
GXR-4 Meas		4.0
GXR-4 Cert		4.0
GXR-6 Meas		0.4
GXR-6 Cert		1.30
GXR-6 Meas		0.3
GXR-6 Cert		1.30
GXR-6 Meas		0.3
GXR-6 Cert		1.30
GXR-6 Meas		0.3
GXR-6 Cert		1.30
GXR-6 Meas		0.3
GXR-6 Cert		1.30
OREAS 220 (Fire Assay) Meas	0.839	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 220 (Fire Assay) Meas	0.829	
OREAS 220 (Fire Assay) Cert	0.828	
OREAS 222(FIRE ASSAY) Meas	1.19	
OREAS 222(FIRE ASSAY) Cert	1.22	
OREAS 222(FIRE ASSAY) Meas	1.18	

Analyte Symbol	Au	Ag
Unit Symbol	g/mt	ppm
Lower Limit	0.005	0.2
Method Code	FA-AA	AR-ICP
OREAS 222(FIRE ASSAY) Cert	1.22	
585538 Orig	0.010	
585538 Dup	0.007	
585548 Orig	0.013	
585548 Dup	0.012	
585558 Orig	< 0.005	
585558 Dup	< 0.005	
585573 Orig	0.036	
585573 Dup	0.032	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.2
Method Blank		< 0.2
Method Blank		< 0.2
Method Blank		< 0.2
Method Blank		< 0.2
Method Blank		< 0.2
Method Blank		< 0.2
Method Blank		< 0.2
Method Blank		< 0.2

Quality Analysis ... *Innovative Technologies*

Date Submitted: 27-Oct-17
Invoice No.: A17-12076
Invoice Date: 14-Nov-17
Your Reference: Huronian Property

Fladgate Exploration
1158 Russell ST
Suite D
Thunder Bay On P7B5N2
Canada

ATTN: Michael Thompson

CERTIFICATE OF ANALYSIS

23 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-50-10g/ t-Fladgate-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A17-12076**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
468765	< 0.005		
468766	0.005		
468767	< 0.005		
468768	< 0.005		
468769	0.092		
468770	0.141		
468771	< 0.005		
468772	< 0.005		
468773	0.180		
468774	< 0.005		
468775	0.015		
468776	0.521		1.7
468777	0.080		
468778	> 10.0	16.2	58.9
468779	0.069		
468780	0.273		
468781	0.036		
468782	0.060		
468783	0.649		2.7
468784	0.081		
468785	0.890		3.8
468786	0.103		
468787	4.74		30.0

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
GXR-1 Meas			30.5
GXR-1 Cert			31.0
GXR-1 Meas			28.9
GXR-1 Cert			31.0
GXR-1 Meas			31.7
GXR-1 Cert			31.0
GXR-1 Meas			30.0
GXR-1 Cert			31.0
GXR-4 Meas			3.8
GXR-4 Cert			4.0
GXR-4 Meas			3.9
GXR-4 Cert			4.0
GXR-4 Meas			4.0
GXR-4 Cert			4.0
GXR-4 Meas			4.0
GXR-4 Cert			4.0
GXR-6 Meas			0.4
GXR-6 Cert			1.30
GXR-6 Meas			0.4
GXR-6 Cert			1.30
OREAS 214 Meas		3.04	
OREAS 214 Cert		3.03	
OREAS 216 (Fire Assay) Meas		6.58	
OREAS 216 (Fire Assay) Cert		6.66	
OREAS 220 (Fire Assay) Meas	0.855		
OREAS 220 (Fire Assay) Cert	0.828		
OREAS 222(FIRE ASSAY) Meas	1.24		
OREAS 222(FIRE ASSAY) Cert	1.22		
468777 Orig	0.083		
468777 Dup	0.078		
468778 Orig		16.2	
468778 Dup		16.3	
468785 Orig			3.8
468785 Dup			3.9
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank			< 0.2

Analyte Symbol	Au	Au	Ag
Unit Symbol	g/mt	g/tonne	ppm
Lower Limit	0.005	0.02	0.2
Method Code	FA-AA	FA-GRA	AR-ICP
Method Blank			< 0.2
Method Blank			< 0.2
Method Blank			< 0.2
Method Blank			< 0.2
Method Blank			< 0.2
Method Blank			< 0.2
Method Blank		< 0.02	

22 Appendix VI – Expenditures

Documents Attached.