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2016 Fall Prospecting Program Report on the Goodfish Kirana Property



Prepared for Champagne Resources Ltd.

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Quick Facts

This report describes the Prospecting Program of October 2016 done on the Goodfish Kirana Property, NTS 32D/04 and 42A/01, Morrisette, Bernhardt, Teck and Lebel Townships, Larder Lake Mining Division. Champagne Resources Ltd. (Champagne) subcontracted Bjorkman Prospecting through GeoVector Management Inc. to undertake a two-week reconnaissance prospecting program to evaluate the gold potential of the Goodfish and Kirana Zones of the Goodfish Kirana Property. The primary focus was the quartz feldspar porphyry unit of the Goodfish Zone where there are 5 historical shafts and numerous trenches and test pits along an approximate northerly trend which parallels the Goodfish Road.

One prospector spent 10 days and a second prospector spent 15 days, including travel, to prospect the Goodfish Kirana Property during the period of October 12 to October 26; 190 samples were collected during this time (excluding standards and blanks). Prospecting consisted of traversing, locating and sampling mineralization of historical shafts, trenches and surrounding outcrop of the Goodfish Trend, as well as other mineralized zones such as the Kirana Break and Hargreaves Shaft. Supervising geologists spent half a day in the field for orientation at the beginning of the program and one day to tour historical shafts and trenches partway through the program. Please refer to Table 1 for an overview of the Program days.

Table 1: Quick Facts

No. of Unpatented Claims	68	Total Samples	190
Prospecting Program Start	12-Oct-16	No. of Traverses	17.5
Prospecting Program Finish	26-Oct-16	Avg Traverse	1 km
Prospecting Man Days	17.5	No. of Prospectors	2
Tour Days	2.5	No. of Geologists	2
Total Field Man Days	20	Laboratory	Accurassay
Travel Man Days	5	Elements Analyzed	Au
Geologist Man Days	4	Report Writing Days	5.25

Introduction

Bjorkman Prospecting was hired to complete a short prospecting program on the Goodfish Kirana Property during the 2016 field season. The program consisted of 17.5 man days of prospecting and reconnaissance work, and 2.5 days of orientation and property tour with supervising geologists. Supervising geologists spent 4 days overseeing, orienting property and touring discovered shafts and mineralization.

All coordinates contained in this report are in NAD 83, UTM Zone 17 U unless otherwise stated. Assays are all quoted in grams per tonne gold unless otherwise stated.

Property Location & Access

The Goodfish Kirana property lies 5 km north of the town of Kirkland Lake in Morrisette, Bernhardt, Teck and Lebel Townships within the Larder Lake Mining Division (Fig. 1). The Property is centered at approximately 574000E/5339000N (UTM Co-ordinates) or 80°W/48°12'N (latitude/longitude), and straddles National Topographic System (NTS) 1:50,000 map sheets 32D/04 and 42A/01.

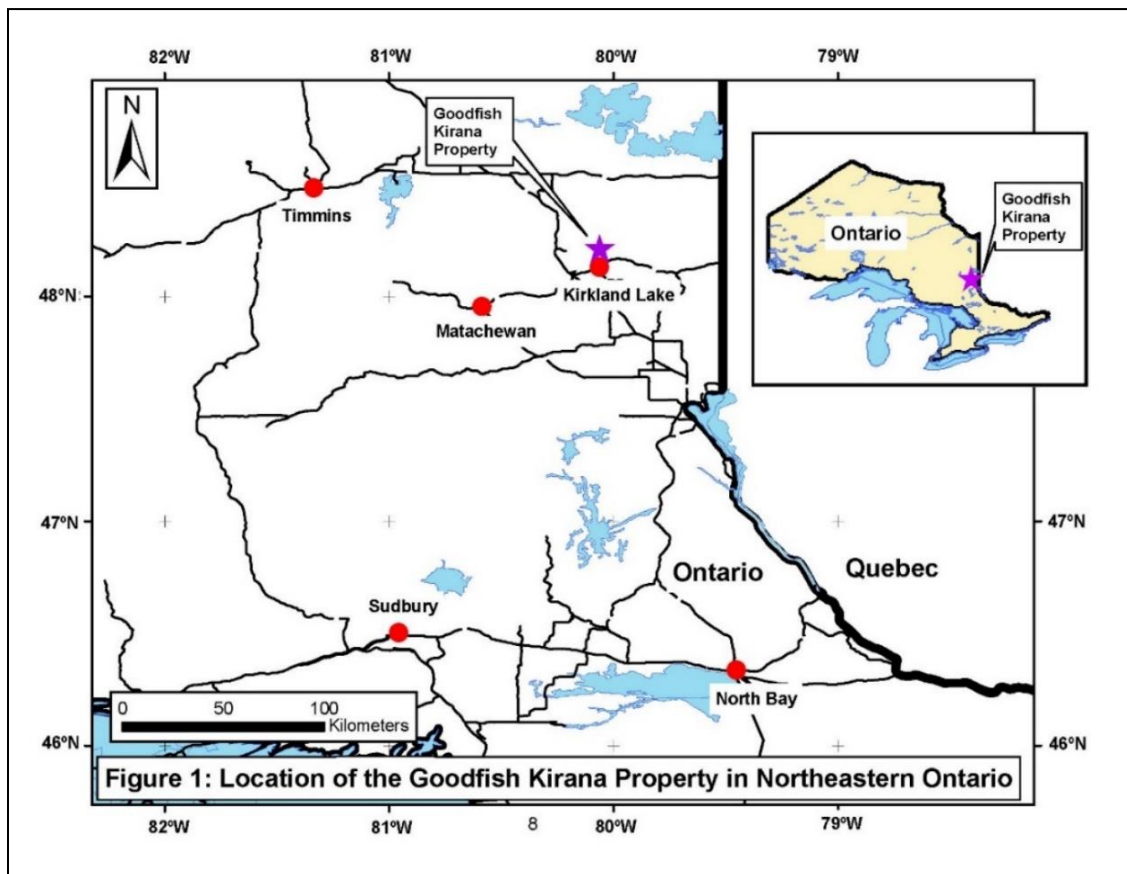


Figure 1: Regional Property Location

The Property is 5 km north of Kirkland Lake and 100 km east-southeast of Timmins. There is excellent access to the majority of the Goodfish Kirana property via a well maintained, paved road called the Goodfish Road, which becomes an all-weather gravel road that trends north from Kirkland Lake to the local airport, and then via a series of bush roads. These latter roads vary from being passable by truck or ATV to only being accessible by foot. The southeast portion of the property is best accessed by using small bush roads leaving Trans Canada Highway 66 East of Kirkland Lake. The mid-portion of the property where the Goodfish Zone is located, can be reached by driving a vehicle north of Kirkland Lake via the paved Goodfish Road.

Climate, Local Resources, Infrastructure and Physiography

Kirkland Lake and Timmins both have a long mining history and are home to personnel with the skills to work in the mining industry. The cities of Sudbury and North Bay are also within a four-hour drive of the Property. Water is abundant in the region, and the property contains an all-weather gravel road and other trails/roads that could be upgraded as necessary. Suitable locations for constructing mineral processing facilities are abundant on the Property. There is a power line on part of the Property, and it would not be difficult to construct a power line to any point on the Property. Prior to mining, the relevant claims must be converted to one or more mining lease(s).

The climate of the project area is continental in nature, with cold winters (-10 to -35°C) and warm summers (+10 to +35°C). Seasonal variations affect exploration to some extent (geological mapping cannot be done in the winter, geophysics and drilling are best done at certain times of the year etc.), but the climate would not significantly hamper mining operations.

The Property has gently rolling topography with a maximum relief of approximately 30 m. Elevation varies from 320 to 350 m Above Sea Level. Several significant lakes occur on the Goodfish Kirana property, as do a number of small lakes and several streams but in general the property is dominated by forest and swamp. The forest is a mixture of jack pine, spruce, birch and poplar trees; swampier areas contain small spruce trees and alders. The bulk of the Property is covered by significant (>1 m) overburden, and outcrop density is low. A number of homes and cottages are present on the eastern and northern shores of Goodfish Lake in the southern part of the Property, and adjacent to Nettie Lake (mostly outside the Property) in the northeast part of the Property. The Kirkland Lake airport is situated 1 km south of Nettie Lake; approximately half of the runway is on the Goodfish Kirana property. This airport is not in regular use.

Property Claims & Ownership

The Goodfish Kirana Property consists of 66 claims totaling 186 claim units, and 20 patents (Figs. 2 and 3; Table 2), and is approximately 3,248 ha in area.

As can be seen from Figures 2 and 3, the Goodfish Kirana property consists of a mixture of unpatented, unsurveyed claims, as well as patents with associated mineral rights. The mineral rights to the entire property are/will be 100% owned by Champagne, subject to royalties from various option agreements.

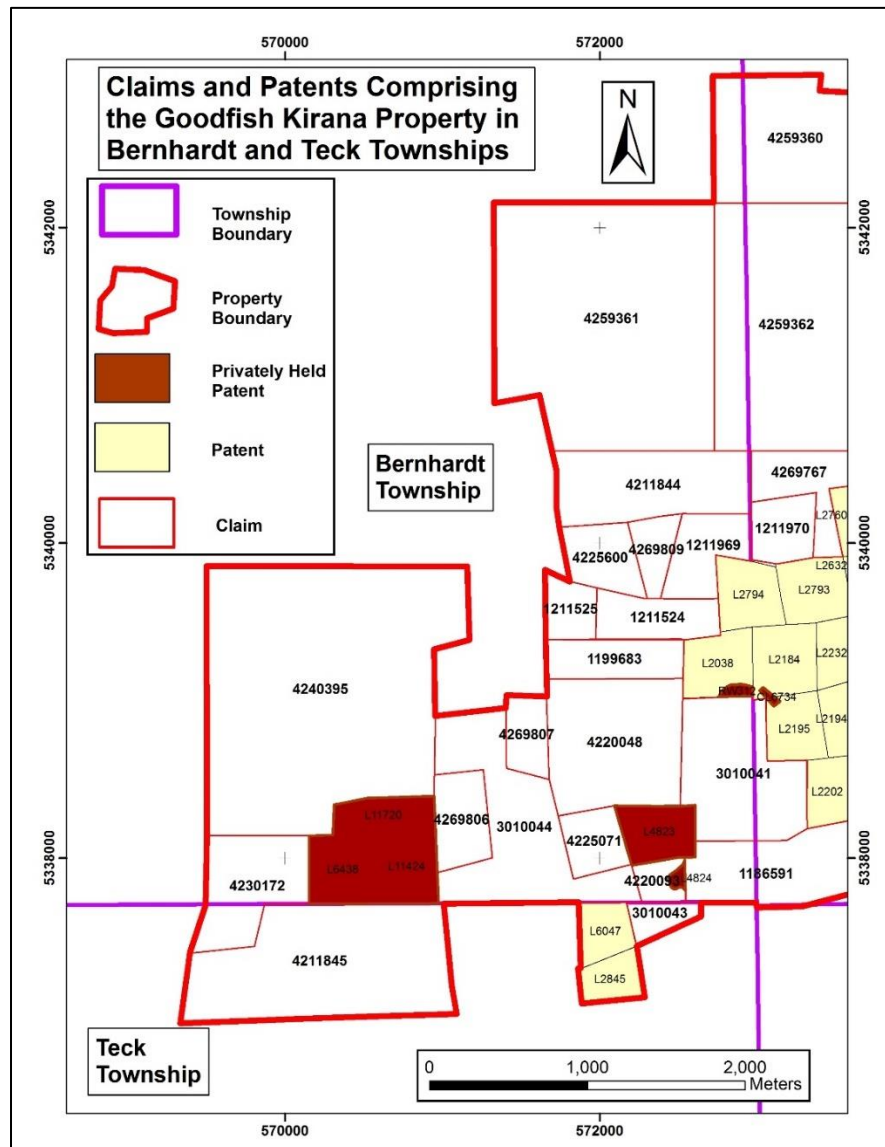


Figure 2: Claims and Patents Comprising the Goodfish Kirana Property in Bernhardt and Teck Townships

Table 2: Champagne Resources-Goodfish Kirana Project Claim Table

Township/Area	Claim Number	Claim Type	Recording Date	Claim Due Date	Units	Area (Ha)	Owner 1	Work Required	Total Applied	Total Reserve
Morrisette	L2195	Patented	n/a	n/a	1	16	Champagne			
Morrisette	L2194	Patented	n/a	n/a	1	16	Champagne			
Morrisette	L2571	Patented	n/a	n/a	1	16	Champagne			
Morrisette	L2814	Patented	n/a	n/a	1	16	Champagne			
Morrisette	L2625	Patented	n/a	n/a	1	16	Champagne			
Morrisette	L2603	Patented	n/a	n/a	1	16	Champagne			
Bernhardt	L2038	Patented	n/a	n/a	1	16	Champagne			
Morrisette	L2184	Patented	n/a	n/a	1	16	Champagne			
Morrisette	L2232	Patented	n/a	n/a	1	16	Champagne			
Morrisette	L2758	Patented	n/a	n/a	1	16	Champagne			
Morrisette	L2632	Patented	n/a	n/a	1	16	Champagne			
Morrisette	L2793	Patented	n/a	n/a	1	16	Champagne			
Morrisette	L2794	Patented	n/a	n/a	1	16	Champagne			
Morrisette	L2760	Patented	n/a	n/a	1	16	Champagne			
Morrisette	L2202	Patented	n/a	n/a	1	16	Champagne			
Morrisette	L2795	Patented	n/a	n/a	1	16	Champagne			
Morrisette	L2201	Patented	n/a	n/a	1	16	Harvey			
Morrisette	L2200	Patented	n/a	n/a	1	16	Harvey			
Teck	L2845	Patented	n/a	n/a	1	16	Harvey			
Teck	L6047	Patented	n/a	n/a	1	16	Harvey			
Bernhardt	1199683	Unpatented	2002 Sept 27	2018 Sept 27	2	32	Tom O'Connor	\$800	\$11,200	\$539
Bernhardt	1211524	Unpatented	1995 Sept 20	2019 Sept 20	2	32	Tom O'Connor	\$714	\$17,868	\$79
Bernhardt	1211525	Unpatented	1995 Sept 20	2019 Sept 20	1	16	Tom O'Connor	\$400	\$8,800	\$0
Bernhardt	1211969	Unpatented	1996 Feb 16	2019 Feb 16	1	16	Tom O'Connor	\$400	\$8,400	\$0
Bernhardt	3010044	Unpatented	2003 April	2018 April 10	5	80	Tom O'Connor	\$2,000	\$26,000	\$1,979

Township/Area	Claim Number	Claim Type	Recording Date	Claim Due Date	Units	Area (Ha)	Owner 1	Work Required	Total Applied	Total Reserve
			10							
Bernhardt	4211844	Unpatented	2006 July 24	2018 July 24	3	48	Tom O'Connor	\$930	\$12,270	\$0
Bernhardt	4220093	Unpatented	2007 Jun 01	2019 Jun 01	1	16	Tom O'Connor	\$400	\$4,000	\$0
Lebel	3010040	Unpatented	2003 Mar 04	2020 Mar 04	2	32	Tom O'Connor	\$714	\$12,086	\$0
Lebel	4210202	Unpatented	2006 April 18	2020 April 18	2	32	Tom O'Connor	\$449	\$9,951	\$337
Morrisette	1211970	Unpatented	1996 Feb 16	2019 Feb 16	1	16	Tom O'Connor	\$400	\$8,400	\$78
Morrisette	1242855	Unpatented	2002 Jun 07	2022 Jun 07	1	16	Tom O'Connor	\$400	\$7,200	\$39,253
Morrisette	3010041	Unpatented	2003 April 16	2018 April 16	3	48	Tom O'Connor	\$1,200	\$15,600	\$0
Morrisette	3011222	Unpatented	2003 May 01	2022 May 01	8	128	Tom O'Connor	\$3,200	\$54,400	\$295,550
Teck	3010043	Unpatented	2003 April 04	2019 April 04	1	16	Tom O'Connor	\$400	\$5,600	\$0
Teck	4211845	Unpatented	2006 Aug 16	2018 Aug 16	6	96	Tom O'Connor	\$2,400	\$24,000	\$0
Bernhardt	4269807	Unpatented	2012 Mar 30	2019 Mar 30	1	16	Tom O'Connor	\$400	\$2,000	\$0
Bernhardt	4220048	Unpatented	2008 Aug 12	2018 Aug 12	4	16	Tom O'Connor	\$1,600	\$12,800	\$0
Morrisette	1186591	Unpatented	2001 Aug 03	2018 Aug 03	3	48	Sutton	\$1,200	\$18,000	\$20,244
Morrisette	4202281	Unpatented	2007 Jun 01	2019 Jun 01	1	16	Sutton	\$400	\$4,000	\$0
Bernhardt	4269806	Unpatented	2012 Nov 16	2018 Nov 16	2	32	Tom O'Connor	\$800	\$3,200	\$0
Bernhardt	4269809	Unpatented	2012 Nov 16	2019 Nov 16	1	16	Tom O'Connor	\$400	\$2,000	\$0
Morrisette	1013303	Unpatented	1989 Jun 27	2021 Jun 27	1	16	Link	\$400	\$12,400	\$0
Morrisette	1013304	Unpatented	1989 Jun 27	2021 Jun 27	1	16	Link	\$400	\$12,400	\$0
Morrisette	1013305	Unpatented	1989 Jun 27	2021 Jun 27	1	16	Link	\$400	\$12,400	\$0
Morrisette	1047221	Unpatented	1988 Jun 20	2021 Jun 20	1	16	Link	\$400	\$12,800	\$4,448

Township/Area	Claim Number	Claim Type	Recording Date	Claim Due Date	Units	Area (Ha)	Owner 1	Work Required	Total Applied	Total Reserve
Morrisette	1047222	Unpatented	1988 Jun 20	2021 Jun 20	1	16	Link	\$400	\$12,800	\$17,344
Morrisette	1047223	Unpatented	1988 Jun 20	2021 Jun 20	1	16	Link	\$400	\$12,800	\$0
Morrisette	1047224	Unpatented	1988 Dec 08	2021 Dec 08	1	16	Link	\$400	\$12,800	\$0
Morrisette	1047225	Unpatented	1988 Dec 08	2021 Dec 08	1	16	Link	\$400	\$12,800	\$0
Morrisette	1048772	Unpatented	1988 Oct 31	2021 Oct 31	1	16	Link	\$400	\$12,800	\$0
Morrisette	1048773	Unpatented	1988 Oct 31	2021 Oct 31	1	16	Link	\$400	\$12,800	\$0
Morrisette	1048774	Unpatented	1988 Oct 31	2021 Oct 31	1	16	Link	\$400	\$12,800	\$38,886
Morrisette	1048775	Unpatented	1988 Oct 31	2021 Oct 31	1	16	Link	\$400	\$12,800	\$33
Morrisette	1048776	Unpatented	1988 Oct 31	2021 Oct 31	1	16	Link	\$400	\$12,800	\$27,319
Morrisette	1049320	Unpatented	1988 Oct 31	2021 Oct 31	1	16	Link	\$400	\$12,800	\$34
Morrisette	1049321	Unpatented	1988 Oct 31	2021 Oct 31	1	16	Link	\$400	\$12,800	\$725
Morrisette	1049322	Unpatented	1988 Oct 31	2021 Oct 31	1	16	Link	\$400	\$12,800	\$18,235
Morrisette	3011753	Unpatented	2006 Mar 20	2021 Mar 20	1	16	Link	\$400	\$5,200	\$61,983
Morrisette	802835	Unpatented	1985 Mar 01	2021 Mar 01	1	16	Link	\$400	\$14,000	\$373
Morrisette	802836	Unpatented	1985 Mar 01	2021 Mar 01	1	16	Link	\$400	\$14,000	\$0
Morrisette	802837	Unpatented	1985 Mar 01	2021 Mar 01	1	16	Link	\$400	\$14,000	\$0
Morrisette	802838	Unpatented	1985 Mar 01	2021 Mar 01	1	16	Link	\$400	\$14,000	\$32,092
Morrisette	802839	Unpatented	1985 Mar 01	2021 Mar 01	1	16	Link	\$400	\$14,000	\$0
Morrisette	802840	Unpatented	1985 Mar 01	2021 Mar 01	1	16	Link	\$400	\$14,000	\$0
Morrisette	802842	Unpatented	1985 Mar 01	2021 Mar 01	1	16	Link	\$400	\$14,000	\$400
Morrisette	802843	Unpatented	1985 Mar 01	2021 Mar 01	1	16	Link	\$400	\$14,000	\$0

Township/Area	Claim Number	Claim Type	Recording Date	Claim Due Date	Units	Area (Ha)	Owner 1	Work Required	Total Applied	Total Reserve
Morrisette	823113	Unpatented	1985 Mar 01	2021 Mar 01	1	16	Link	\$400	\$14,000	\$163
Morrisette	823114	Unpatented	1985 Mar 01	2021 Mar 01	1	16	Link	\$400	\$14,000	\$0
Morrisette	823115	Unpatented	1985 Mar 01	2021 Mar 01	1	16	Link	\$400	\$14,000	\$0
Morrisette	823116	Unpatented	1985 Mar 01	2021 Mar 01	1	16	Link	\$400	\$14,000	\$0
Lebel	3011754	Unpatented	2006 Aug 10	2021 Aug 10	10	160	Link	\$4,000	\$52,000	\$16,315
Morrisette	4259361	Unpatented	2014 Feb 18	2018 Feb 18	12	192	Champagne	\$4,800	\$9,600	\$0
Morrisette	4259362	Unpatented	2014 Feb 18	2018 Feb 18	12	192	Champagne	\$4,800	\$9,600	\$0
Morrisette	4259360	Unpatented	2014 Feb 18	2018 Feb 18	7	112	Champagne	\$2,800	\$5,600	\$0
Morrisette	4269767	Unpatented	2012 April 25	2017 April 25	3	48	1571925 Ont Ltd	\$930	\$3,870	\$0
Bernhardt	4225600	Unpatented	2008 Feb 28	2019 Feb 28	1	16	Champagne	\$400	\$3,600	\$0
Bernhardt	4225071	Unpatented	2008 Jun 04	2019 Jun 04	1	16	Champagne	\$400	\$3,600	\$0
Lebel	4225395	Unpatented	2009 July 15	2018 July 15	1	16	Champagne	400	\$2,800	\$0
Bernhardt	4230172	Unpatented	2008 Aug 08	2019 Aug 08	4	64	Champagne	\$1,600	\$14,400	\$0
Bernhardt	4240395	Unpatented	2008 Aug 08	2018 Aug 08	16	256	Champagne	\$5,922	\$51,678	\$0
Lebel	4250929	Unpatented	2009 Aug 11	2018 Aug 11	1	16	Champagne	\$400	\$2,800	\$2,361
Morrisette	4220044	Unpatented	2007 Oct 11	2018 Oct 11	16	256	Champagne	\$6,400	\$57,600	\$0
Morrisette	4220094	Unpatented	2007 Oct 15	2018 Oct 15	2	32	Champagne	\$348	\$7,652	\$0
Morrisette	4211797	Unpatented	2007 Oct 15	2018 Oct 15	4	64	Champagne	\$1,600	\$14,400	\$0
Morrisette	4225077	Unpatented	2007 Oct 15	2018 Oct 15	3	48	Champagne	\$1,200	\$10,800	\$0
Morrisette	4225398	Unpatented	2007 Oct 15	2018 Oct 15	13	208	Champagne	\$5,200	\$46,800	\$0

Regional, Property and Economic Geology

The Goodfish Kirana property occurs within the Western Abitibi Subprovince as defined by Jackson and Fyon (1991). The structural complexity and poor exposure of the subprovince have made comprehensive stratigraphic syntheses difficult. Instead, the district has been divided into a number of "tectonic assemblages", on the basis of similarities in stratigraphy, lithochemistry, age dates and aeromagnetic and airborne EM signatures (Jackson and Fyon, 1991). Since the initial division of the Abitibi greenstone belt into tectonic assemblages, more accurate and more abundant age dates have enabled a simplified and improved delineation of the assemblages to be made (i.e. Ayer et al., 2005a, b). The Property is underlain by the lower unit of the Blake River Assemblage. This unit is 2704 to 2701 Ma in age, and is dominated by tholeiitic mafic volcanic rocks, with lesser felsic volcanic rocks (Ayer et al., 2005b). Minor amounts of Timiskaming assemblage sediments occur in the northern and southeastern tips of the Property (Fig. 4).

Major gold deposits in the Western Abitibi Subprovince are typically proximal to either the Destor Porcupine Break or the Larder Lake Cadillac Break, or to associated faults. In Kirkland Lake, most deposits are spatially associated with the Kirkland Lake Main Break (Fig. 4). The Property is north of both the Cadillac-Larder Lake Break and the Kirkland Lake Main Break. The extension of the latter passes just south of, or possibly just inside, the eastern part of the Property (Fig. 4). The Property is also north of the package of rocks that is most prospective for gold deposits (Timiskaming sediments + alkalic intrusions).

Township-scale mapping by the Ontario Geological Survey adds some detail to the story. The Property is underlain mostly by Archean mafic volcanic rocks, but is locally intruded by quartz-feldspar porphyry intrusions, particularly in the Goodfish Area (Fig. 5). Mafic intrusions occur in the southeastern part of the Property, and in the Eastern part of the Property. Minor amounts of intermediate volcanics occur in the Northwestern portion of the Property (Fig. 5). Timiskaming sediments occur in the Southeastern part of the Property, and underlie Nettie Lake (Fig. 5). An alkalic volcanic or intrusive unit is interlayered with these sediments in the Southeastern part of the Property (Jackson, 1995; Unit 11a on Fig. 5). Ice flow indicators on the property vary from southeast to immediately west of south (McClenaghan et al., 1995).

The Goodfish Kirana property is immediately north of the structural/stratigraphic package of rocks that hosts the Kirkland Lake gold mining camp (Fig. 4). Anomalous gold is typically associated with quartz \pm carbonate \pm pyrite veins, and shows a tendency to be spatially associated with either the east-trending Kirana Break or with a north-trending zone east of Goodfish Lake; most are also proximal to felsic porphyry intrusions. As such, gold mineralization on the Property appears to be typical mesothermal style mineralization. The exception is in the St. Pierre area, where anomalous to economic concentrations of silver, zinc, lead and copper locally occur along with gold in the quartz veins. A number of exploration shafts have been excavated over the years, and numerous excellent gold intersections have been obtained in historical drilling.

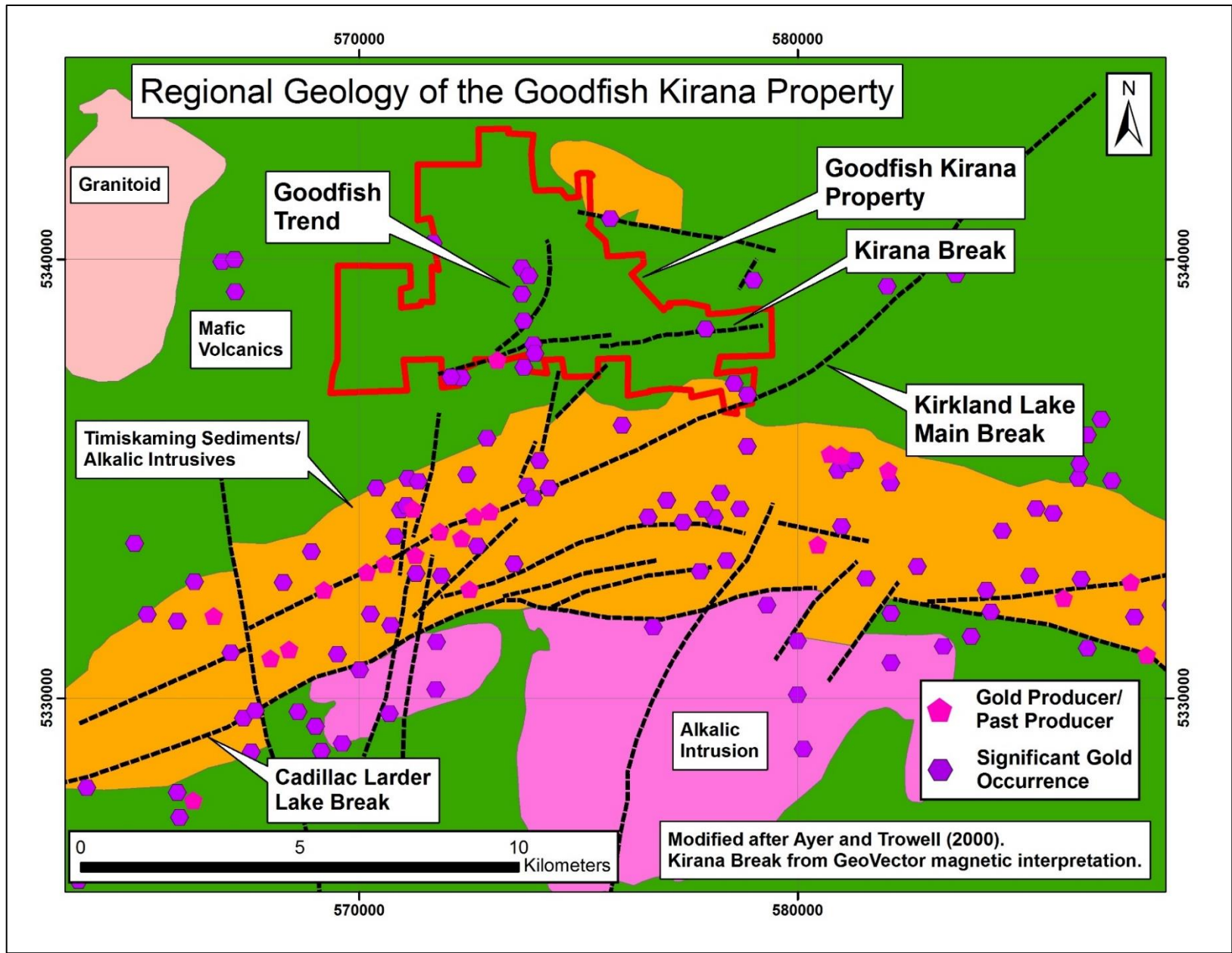


Figure 4: Regional Geology with past producers

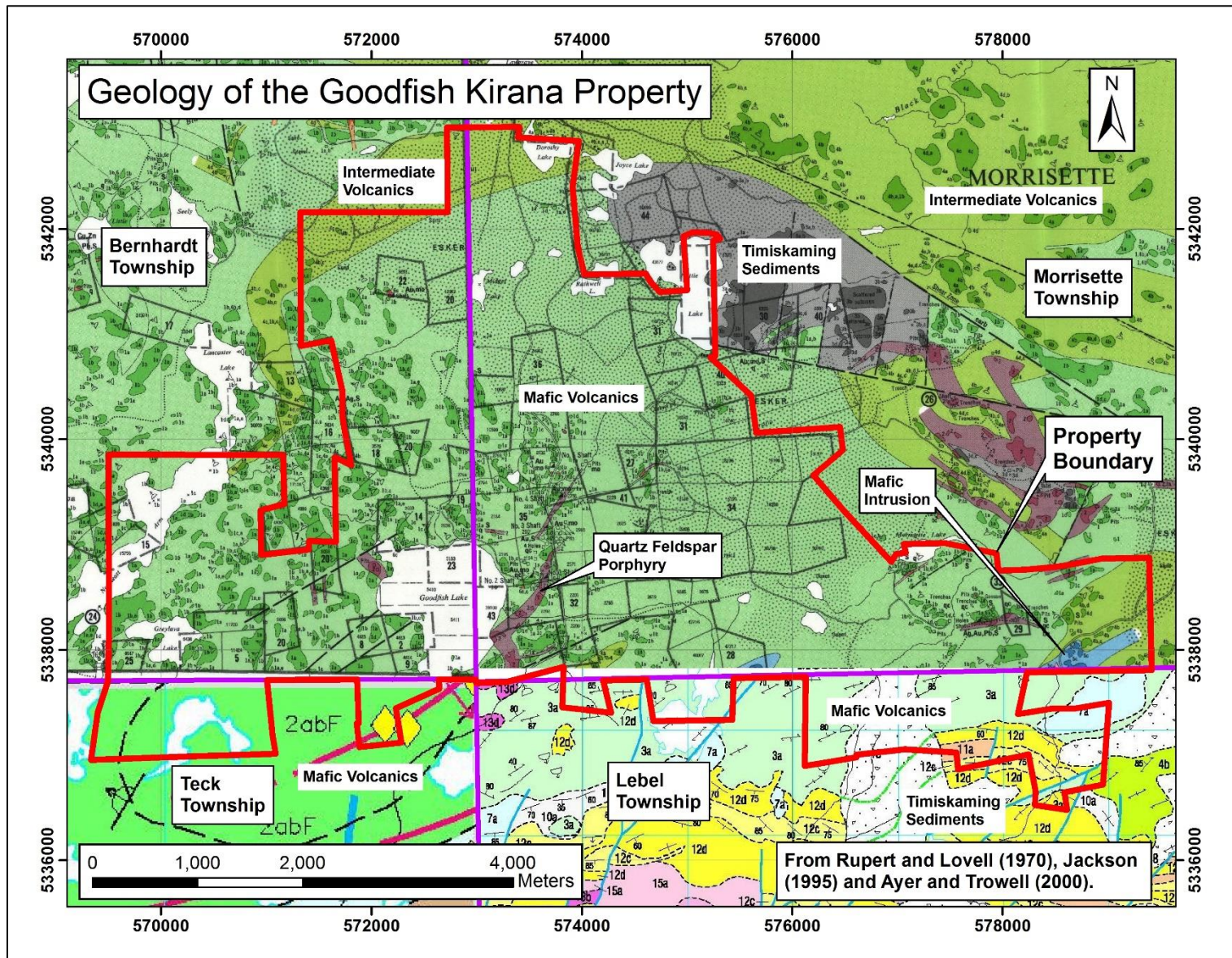


Figure 5: Property Geology Map with main geological units

Historical Work

The Goodfish Kirana Property has had extensive historical work performed on it. The following summary of work performed on the Goodfish Kirana Property, herein referred to as the “Property”, was derived from Tom Setterfield’s compilation of historical work from the Report on the Goodfish Kirana Property for Champagne Resources Limited (Setterfield, 2014).

1918-20: According to Matheson (2009a), the 300' deep, inclined Fidelity Shaft was sunk on a mineralized vein adjacent to a quartz-feldspar porphyry.

1912-27: Gold was discovered in the Goodfish Area in 1912. These claims were originally worked independently by several owners until 1927. Trenching was done and shafts were sunk on zones A to C (which include Shaft No. 1, 2, 3, and 4). At least seven veins were explored. The best mineralization is from the No. 1 shaft, where a 3-foot interval graded 0.5 oz/ton gold (17.15 g/t) (Trusler, 1995).

1928: Hargreaves Shaft was sunk in 1928 and deepened to 300' in 1936 (Pearson, 1988a). Early results included 2.93 g/t Au from a quartz vein.

1927-37: Goodfish Mines Limited amalgamated with Providence Gold Mines Ltd. and the sixteen claims in the Goodfish Area came under one ownership. Goodfish Mines extended No.1 shaft to 189 m, dewatered two other shafts, conducted extensive lateral development (>1 km) and drilled an unknown number of holes (Trusler, 1995).

Unknown-1930: Early work near the St. Pierre shaft was described by Bergmann (1967). The shaft was sunk on #1 Vein to a depth of 61', and cross-cutting was done on the 50' level. A number of 2' long samples were taken down the shaft; best results are 39.78 g/t Au, 981 g/t Ag, 26.25% Pb and 0.52% Cu (different samples).

1930: Kirgood shaft was excavated to test the northeast-trending Murdoch Creek fault zone on the very southeast edge of the Property (Pearson, 1988a).

1930: Mallard Mines had defined approximately 12 short strike length quartz veins at the St. Pierre Shaft, the most important of which were the 010° trending #1 vein and the more common 340° trending veins (Reinecke, 1930).

1936: Kirana Kirkland Gold Mines Limited (1936) prospectus indicates that gold bearing veins occur along the contacts between east-northeast trending porphyry dikes and basaltic rocks immediately south of the Property, proximal to the Kirana Break. Free gold occurs associated with tellurides. Five shafts were sunk in the area. An average grade of 10' @ 16.6 g/t Au was calculated from one of the drifts off No. 1 shaft.

1937: Kirgood Gold Mines drilled four holes (KG37-01 to 04) to test the Murdoch Creek fault. The logs are reproduced in Pearson where it appears mineralization of up to 0.01 oz/ton (0.34 g/t Au) was encountered in hole 4 (1988a).

1937-41: In 1937 the property was sold to Miles-Martin Kirkland Mines and in 1940 it was optioned to Kirkland-Hudson Bay Gold Mines, who delineated a >600 m long, northeast trending, mineralized fracture zone. A 20' x 23' sample is reported to have graded 411 g/t Au (WGM, 1988). They then drilled holes L1 to L9 totaling 318 m in 1941. The best intersection was 0.61 m @ 99 g/t Au in hole L2 (Robson, 1941). Four other holes had intersections greater than 3 g/t Au.

1955: Macassa Mines Ltd. drilled holes S-1 to S-4 at St. Pierre (Ward, 1955). Hole S-1 had an intersection of 1' @ 94 g/t Ag, 0.25% Cu and 0.14% Pb on #1 Vein and S-2 had an intersection of 1.5' @ 84 g/t Ag on #1 Vein. S-3 intersected 1' @ 85 g/t Ag on #1 Vein and 0.75' @ 96 g/t Ag on #2 Vein. Hole S-4 intersected anomalous Ag and Cu on the #4 Vein.

1961: Grasset Lake Mines Ltd. drilled two holes close to the Hargreaves shaft (Garneau, 1961).

1967: George Potter drilled holes DDH1 and DDH2 under the St. Pierre Shaft (Roach, 1967).

1972-83: Emil Chorzepa ("Chorzepa") obtained a value of 5.49 g/t Au from a composite sample of dump material adjacent to a small shaft (18' deep) which occurs on present claim 1242855, and a value of 14.75 g/t Au from a 12" chip sample nearby (Chorzepa, 1972). Chorzepa drilled holes M-1 and M-2 in this area in 1975, with a best intersection of 3' @ 1.72 g/t Au (Chorzepa, 1976). He drilled holes M-3, M-4 and LM1 nearby in 1976; the best intersection was 2.5' @ 2.06 g/t Au. Chorzepa also drilled a short hole in this area in 1983 (A-1; Chorzepa, 1983), encountering a best intersection of 3.05 m @ 0.34 g/t Au.

1979-80: Rosario Resources Canada Ltd. ("Rosario") conducted VLF, magnetic and geological surveys and drilled holes LM80-1 and LM80-2 on present claim 1048776 (Markov, 1980a, b, c).

1979: Hans-Warner Mining Limited excavated several trenches and drilled holes 79-1 and 79-2 in southwest Morrisette Township (O'Connor, 1979). They drilled hole 81-3 nearby in 1981 (Lovell and Grabowski, 1981). No assays were provided.

1980: Rio Tinto conducted a magnetic and Max-Min survey over a block of ground that includes parts of present claims 4250929, 301122, L47217 and 1048776 (Beckmann, 1980)

1980: Minorex Ltd. conducted mapping and an EM survey on a block of ground east of the Hargreaves shaft (Stones, 1980).

1981: Francis O'Connor drilled holes M81-3 and M81-4 on the northeast corner of Goodfish Lake (Ploeger, 1981).

1984: Mapping and sampling of a large block of ground from northwest Goodfish Lake to southwest of Goodfish Lake, VLF and magnetic surveys were also completed on the property (Constable, 1984a, b).

1981: A magnetometer survey was run in the immediate vicinity of the Hargreaves shaft in 1981 (Gamble, 1981).

1984: Edda Resources Inc. conducted magnetic and VLF surveys of the Goodfish Area (Forbes, 1985a), and then drilled the 176 m hole E84-1 700 m northeast of Shaft No.4, potentially on strike with the structures exploited by Goodfish Mines and Miles-Martin (Cunningham, 1984; Edda Resources, 1984). The highest gold value encountered appears to be 30 ppb. An IP survey was conducted later in the year (Parres, 1985); this

survey delineated a northwest trending anomaly. Premier Explorations Inc. drilled hole 85-1 in almost the same location in 1985 (Forbes, 1985b).

1984: Mapping and sampling in the Fidelity area by Constable (1984a) yielded a poorly documented grab sample of 21.26 g/t Au south of the main shaft.

1984-1985: Michael Leahy ("Leahy") worked on a property that included present claim 4210202 in the mid 1980's of the Hargreaves Area. He collected 11 samples from the Hargreaves dump in 1984/85 (Leahy, 1987). The only anomalous sample ran 0.79 g/t Au. He ran magnetic and VLF surveys over the property in 1984/85 (Leahy, 1984; 1985a, b) In 1986 Leahy mapped the property and conducted a humus survey (Leahy, 1986). He noted two anomalies with up to 120 ppb Au approximately 400 m south of the Hargreaves shaft.

1985: Lac Minerals Ltd. conducted a magnetic survey over present claims 1044320-322, 1048772, 773 and 775 (Walker, 1985). They followed this up by drilling hole M21A on present claim 1048775 (Morris, 1985).

1986-88: Terry Link drilled holes M-1-86 to M-3-86 approximately 350 m west of the St. Pierre shaft (Link, 1986). M-1-86 and M-3-86. Link (1988) drilled holes M-1-88 and M-2-88 in this area in 1988.

1986: Lac Minerals Ltd. ran a small ground magnetic survey in the eastern part of Bernhardt Township 3 km north of Goodfish Lake in 1986 (Walker, 1986)

1987: Freegold Recovery Inc. conducted a very low frequency ("VLF") geophysical survey and completed geological mapping and minor sampling on a property that overlapped the extreme southwest of the present property (Leriche and Matich, 1987)

1987: Premier Explorations Inc. ran a magnetic/VLF survey over most of present claims 4225395 and 4250929. (Cooper, 1987).

1987-88: Lencourt conducted a small IP survey in the Goodfish Area south of Shaft No. 3 and drilled holes KL88-1 to KL88-5 totaling 545 m (WGM, 1988). The holes intersected intermediate to mafic volcanic rocks with locally abundant quartz-carbonate veining and up to 15% pyrite. Anomalous gold (at least 2 g/t) was encountered in each hole, with a best intersection of 0.79 m @ 12.34 g/t Au in hole KL88-4. This drilling combined with the 1941 drilling collectively defined a mineralized surface trending 208° and dipping 56° northwest. According to Trusler (1990), Lencourt drilled an additional five holes (KL88-6 to KL88-10) later in 1988, and conducted 14-line km of magnetic and VLF surveys. Hole KL88-8 intersected 3.20 m @ 16.46 g/t Au, and hole KL-88-9 intersected 1.92 m @ 4.29 g/t Au.

1987-90: Minnova optioned the Kirana Property, commissioned magnetic, IP and VLF surveys over Goodfish Lake and the surrounding area, particularly west of the lake (Duchoslav and Webster, 1988a; b; Northfield and Webster, 1988). Minnova also conducted soil geochemistry surveys south of Goodfish Lake (Beaudry, 1987; Pelletier, 1988). Minnova also conducted geological mapping, trenching, and drilled 14 holes from 1987 to 1989 (KIR-1 to KIR-14; Bernard, 1990)

1988: Glen Mullan collected 34 samples from the dump of a shaft in Bernhardt Township approximately 2.5 km north of Goodfish Lake; the highest gold value obtained was 0.93 g/t (Mullan, 1988). Anglaumaque

Explorations Inc. performed a magnetic/VLF survey in this area in 1996 but did not find anything of interest (Lavioe, 1996)

1988: Exploration Brex Inc. ("Brex") explored a property that included present claims 4210202 and 3010040 (Pearson, 1988a). They examined the Kirgood and Kirgood West showings, but did not obtain any anomalous gold values. They obtained a value of 1.89 g/t Au from a pyrite-bearing schist at the Hargreaves shaft. Brex conducted a magnetic/VLF survey (Lambert and Turcotte, 1988a) and an IP survey (Lambert and Turcotte, 1988b) over the property. The IP survey showed an intermittent chargeability axis coincident with the east-trending Hargreaves fault. Brex then drilled holes LEB-88-01 to 04 on the property in 1988, targeted on the Hargreaves fault (Pearson, 1988b; 1989; hole LEB-88-04 was outside the Property).

1988-95: Frank O'Connor commissioned a magnetic/VLF survey over a block of claims in the western part of present claim 3011222 (Carmichael, 1988). A weak east-trending EM anomaly is interpreted as the eastern extension of the Kirana Break. Holes F90-1 and F90-2 were drilled in this area in 1990 (Carmichael, 1990a; b). Carmichael's map shows a shaft near the drill holes. O'Connor stripped several areas in this vicinity in 1995 (Gamble, 1996b), but did not find any auriferous material.

1989: Link drilled holes M-1-89 and M-2-89 on claim 823114 (Link, 1989a, b, c).

1989: Glencairn drilled holes 89-1 and 89-2 on present claim 4225398 in the Goodfish Area, 500 m northeast of Shaft No. 4 and potentially on strike with the mineralized system (Forbes, 1989). No significant gold was noted.

1990: International Platinum drilled holes GF90-01 to 07 (746 m) in February, 1990 distributed between the three zones at the Goodfish Area (Trusler, 1990). Hole GF90-04 in Zone A intersected 12.65 m @ 16.97 g/t Au, Hole GF90-02 in Zone B intersected 0.15 m @ 6.58 g/t Au. International Platinum drilled an additional eight holes (1296 m) in the fall of 1990 in the Shaft No. 1 and 2 Areas (Trusler, 1990). The best intersection from the later holes was 1.22 m @ 15.43 g/t Au from hole GF90-12 on Zone A-3; all holes intersected at least 2.5 g/t Au.

1990: Minnova's drilling program included holes KIR-4, 5 and 7 on the present property, and 1, 2, 3 and 11 near the Kirana No. 1 shaft immediately south of the Property (Bernard, 1990). Hole KIR-3 intersected 0.4 m @ 21.0 g/t Au and 31.5 g/t Ag on the Kirana Break. Hole KIR-5, also on the Kirana Break, intersected 0.5 m @ 6.81 g/t Au

1992: Glencairn drilled holes GF92-16 to -19 (782 m) on the A Zone in 1992, all from the same drill set-up (Trusler, 1992). The best intersection was 1.52 m @ 13.85 g/t Au from hole GF92-17 on Structure A-2, within a wider intersection of 7.62 m @ 4.66 g/t Au.

1993: Link drilled hole ML-1-93 100 m southeast of the St. Pierre shaft in 1993 (Link, 1993; 1994)

1993-94: Magnetic and VLF surveys were conducted for Arnold Merrick over a block of ground straddling Bernhardt and Morrisette townships in the Northern central portion of the Property (Carmichael, 1992; Weller, 1993). The property was geologically mapped in 1993; the authors pointed out the potential for diamonds as well as gold (Germundson and Weller, 1993). Additional magnetic and electromagnetic surveys were completed in 1994 (Weller, 1994).

1994: The Property including present claims 4210202 and 3010040 in the Kirgood and Hargreaves Shaft Areas, was mapped by Hawley (1994) and surveyed with magnetics and VLF.

1994: Amarado Resources Ltd. ("Amarado") explored a block of ground mostly covered by the present claim 3011754 in Lebel Township (Carmichael, 1995; Kozel and Webster, 1995). Carmichael notes that Timiskaming sediments occur on the property, and noted several trenches, but does not provide any assay data. Amarado conducted magnetic, VLF and Spectral IP surveys. Three coincident chargeability/resistivity high anomalies were noted.

1995: Southview Capital Corp. followed the work done by Glencairn in 1995 in the Goodfish Area with four holes (GF95-20 to GF95-24; 1303 m) (Trusler, 1995). Results were disappointing, with a best result of 0.55 m @ 6.52 g/t Au.

1995: Prospectors Eric Marion ("Marion") and Alain Carreau ("Carreau") conducted prospecting and stripping in the southwest part of the Property (Marion and Carreau, 1995)

1995: A stripping and sampling program was conducted on O'Connor's claims adjoining the northwest corner of Goodfish Lake (Gamble, 1996a). Chip sampling from one shear zone returned 2 m @ 3.42 g/t Au and the other one produced 0.6 m @ 1.61 g/t Au.

1996: O'Connor followed up gold showing discovered in 1995 with IP, VLF and surface sampling (Gamble, 1997)

1996: Link drilled three holes (ML96-1 to ML96-3) 350 to 600 m west of the St. Pierre shaft (Link, 1996). Hole ML96-1 penetrated the so-called Link Gold Zone. A graphitic zone within a wide zone of silicification had anomalous gold, with an intersection of 8' @ 676 ppb Au. Hole ML96-3 intersected several areas of quartz veinlets in diabase, with best results as follows: 4.3' @ 1.32 g/t Au, 5' @ 3.84 g/t Au and 2' @ 234 g/t Au.

1997-98: IP anomaly/gold showing found in O'Connor's 1996 Program was drill tested in 1997 by hole FTO-97-1 and in 1998 by Hole FTO-98-1 (Gamble, 1998). This hole encountered a silicified zone with quartz veins and 2 to 5% pyrite in basalt, and a best gold value of 1.25 m @ 2.09 g/t.

1997-99: Medici Mineral Corp. ("Medici") surveyed a large area which includes the Link Gold Zone and the St. Pierre Shaft, with IP in 1997 and interpreted a 1.6 km long by up to 150 m wide "potential sulphide/alteration system" (Warne et al., 1997). Medici drilled holes TL99-01 and M-99-01 (541 m) in 1999 close to the St. Pierre shaft, apparently targeted on the system defined by IP (Skeries, 1999). Hole M-99-01 intersected 1.05 m @ 15.71 g/t Au, with Cu values up to 0.57%

1998-1999: Marion conducted VLF surveys over parts of present claims 4230172, 4240395 and 4211845 in Bernhardt and Teck townships (Marion, 1998; 1999)

2000: Additional magnetic and VLF surveying was completed in the southwest part of the property (Marion, 2000a, b, 2001)

2002-2007: Tom O'Connor staked a group of claims immediately northwest of Goodfish Lake in 2002 (O'Connor, 2004a). He located a shaft in sheared basalt, and two other areas with grab samples of 1.41 and 2.18 g/t Au around the northwest corner of Goodfish Lake in 2004 (O'Connor, 2004b). O'Connor did channel

sampling immediately west of the central part of Goodfish Lake in 2007, producing a high value of 1.62 g/t Au from a 070° trending shear zone (O'Connor, 2007a).

2005: O'Connor stripped and sampled an easterly trending, 10 m wide shear zone in pillowed basalt in March, 2005 on claim 1211970 (O'Connor, 2005a)

2003: Mike Sutton drilled a 118 m hole targeted on the Kirana Break (Sutton, 2003). The hole intersected a molybdenite-pyrite bearing zone in pyritic basalt flow breccia adjacent to a quartz feldspar porphyry. Quartz-ankerite-pyrite veining was also present. A 0.34 m interval ran 46.84 g/t Au

2006: O'Connor excavated two trenches on iron carbonate/quartz veins in the southeast corner of claim 1199563 of the Goodfish Area (O'Connor, 2006). The best grab sample from these trenches was 0.41 g/t Au

2006-07: In 2006, Gold Diamet Ltd. ("Gold Diamet") drilled holes MO-06-01 and 02 in the northeast part of claim 4266580. They encountered quartz feldspar porphyry and magnetic mafic volcanics (Brown, 2006). No assays were provided. In 2007, Gold Diamet flew an airborne magnetic survey over a block of ground that included the northern 2 km² of the Northern Block. An ENE and a NW structure were interpreted on the present Property (Boivin, 2007a, b). Several circular airborne magnetic anomalies were surveyed with ground magnetics (Ploeger, 2007, 2008a, b).

2007: O'Connor collected six samples proximal to the Hargreaves shaft in 2007 (O'Connor, 2007b). One of these samples returned a gold value of 3.38 g/t.

2007-2011: Northern Gold completed extensive work in the St. Pierre and Link Zone Areas. They stripped an area 500 m west of the St. Pierre shaft and collected 62 grab samples with the best result from a pyrite-bearing rhyolite sample which assayed 5.16 g/t Au (Rattee, 2007). In 2008, Stripping and sampling were done close to the St. Pierre shaft (Matheson, 2009a). Samples from the dump ran up to 11.16 g/t Au, 2280 g/t Ag, 5.71% Cu, 25.53% Pb and 5.25% Zn (different samples). The best channel sample was 0.65 m @ 3.1 g/t Au, 495 g/t Ag, 0.35% Cu and 0.2% Pb.

Holes K-08-21 to K-08-23 were drilled in 2008 into the Link Gold Zone (Matheson, 2009b). Hole K-08-21 intersected 2.0 m @ 3.26 g/t Au.

In 2008, 92-line km of IP was completed on their property and a total of 31 holes were drilled. Holes K-08-74 to K-08-78 were drilled in the area of the St. Pierre shaft, targeting the mineralized veins. Holes K-08-79 and K-08-93 were drilled in the area of Medici's 1999 drilling northwest of the St. Pierre shaft. Like Medici, Northern Gold obtained an IP anomaly in this area. (Matheson, 2009a; b).

In 2008, a Mobile Metal Ion (MMI) soil geochemistry survey was conducted on a group of claims which centered on the St. Pierre/Mallard Lake shaft (Matheson, 2009c).

Northern Gold commissioned a helicopter-borne VTEM (Versatile Time Domain Electromagnetic) EM/magnetic survey in August, 2008 (Acorn et al., 2008; Madhill, 2009) covering most of the Northern Gold property including the present Goodfish Block.

2007-2008: Northern Gold conducted preliminary stripping and grab/channel sampling near the Fidelity Shaft in 2007 (Rattee, 2008). Their best result was a channel sample of 1 m @ 40.56 g/t Au 45 m east-southeast of the Fidelity shaft. Prospecting and channel sampling near the Fidelity shaft by Northern Gold in 2008 yielded high gold values, including a channel sample of 0.3 m @ 2274.5 g/t Au and several grab samples in excess of 500 g/t Au. They collected eight 1 tonne bulk samples, which had a weighted average of 1.41 g/t Au.

Fidelity East, an area 200 m east of the shaft, was also stripped and mapped. Sampling from this area produced channel samples up to 0.7 m @ 6.93 g/t Au and grab samples up to 9.94 g/t Au in quartz veins Matheson (2009a).

Northern Gold drilled 31 holes on the Fidelity Vein in 2008. Their best intersection was 0.6 m @ 4.05 g/t Au. Northern Gold also drilled four holes in the Fidelity East area. Finally, Northern Gold drilled three long holes to intersect the Fidelity vein system at depth with a best intercept of 1.0 m @ 1.17 g/t Au.

2008: Northern Gold stripped and channel sampled an area they called Goodfish East near the Sutton vein (Matheson, 2009a). Northern Gold also stripped and channel sampled an area they called Goodfish West, apparently on the Kirana Break (Matheson, 2009a). They obtained a channel sample of 0.65 m @ 9.14 g/t Au, and several multi-gram grab sample results, including 13.05, 16.87 and 22.10 g/t Au.

Northern Gold drilled holes K08-1 and K08-2 in early 2008 on claim 1186591, targeted on the Kirana Break, following up Sutton's intersection (Madhill, 2008). This was followed by holes K08-3 and K08-4 nearby (Matheson, 2009b). These holes did not intersect the same mineralization levels as Sutton's hole, but did intersect anomalous gold (up to 1.51 g/t Au).

2008: Northern Gold stripped and sampled two areas close to the Hargreaves Shaft. They obtained up to 3.22 g/t Au in grab samples close to the shaft, and up to 1.92 g/t Au in grab samples 40 m north-northeast of the shaft.

Current Work

A 15-day reconnaissance prospecting program was carried out in the month of October to determine the gold potential of the Goodfish and Kirana Break areas of the Goodfish Kirana Property north of Kirkland Lake. Bjorkman Prospecting performed the work, including prospectors Jessica Bjorkman, Licence E34360 and Ruth Bjorkman, Licence 1002066. The prospectors travelled to the property by vehicle from their residence of Atikokan, Ontario where they stayed at a hotel in Kirkland Lake for the duration of the program. Several traverses were done from main roads on the property, to locate historical shafts and trenches, and to collect grab samples of prospective rock. The weather was cooler than ideal for prospecting but workable considering the time of year. Sample description notes were entered into Microsoft Excel, a daily log was recorded, and GPS tracks and waypoints and photos were downloaded after field work. Rock samples were dropped off by truck by prospector J. Bjorkman to Accurassay Labs in Thunder Bay for analysis of Au.

Please refer to Appendix C for the Daily Field Log and Appendix F: Maps 2-4 for maps of traverses, samples, and trenches and shafts.

Champagne's Quality Assurance Program included the addition of blank samples and Standard Reference Materials (SRM) every 20th rock sample. Please see Appendix B for the compilation of SRM's and Blanks inserted with the rock samples. Gold assaying was undertaken by Accurassay Labs in Thunder Bay using conventional fire-assay methods with assay code ALFA1, Samples above 10 g/t Au were re-assayed using a gravimetric method.

Data Collected & Results

The prospecting program consisted of the following:

- 1) Locating historical shafts and trenches which included sampling mineralization in these areas.
- 2) Collecting 190 rock grab samples from outcrop, historical and newly exposed trenches, and muckpiles of local sub-outcrop from trenches and shafts.

Historical Shafts and Trenches

Shafts

There were a total of 10 shafts visited, recorded and sampled on the program (see Fig. 6, 7, and 8). These are listed below in Table 3. Shaft No. 1 and the Hargreaves Shaft had the most extensive operations as was evidenced by the amount of waste rock in muckpiles, the cement foundations for mine buildings, and other signs of mining. Most shafts have been filled in with gravel or wasterock. Shafts that are not filled in include the Kirana North Shaft, Kirana South Twin Shafts, and Kirgood Shaft. Of these three, the Kirgood Shaft is the most dangerous, as it has 2 metre steep sides in the middle of the bush and cedar cribbing coming up from the water to approx. 1 metre height. As a minimum, it would be good to put orange snow fence around it to warn people. However, it is in a relatively remote location, away from the road, so would have minimal traffic in the vicinity.



Photo: Shaft No. 1 Cement foundations from mine workings (above), Shaft No. 1 workings including ventilation pipes, cement pillar for Shaft No. 1, muckpile (below, left to right)

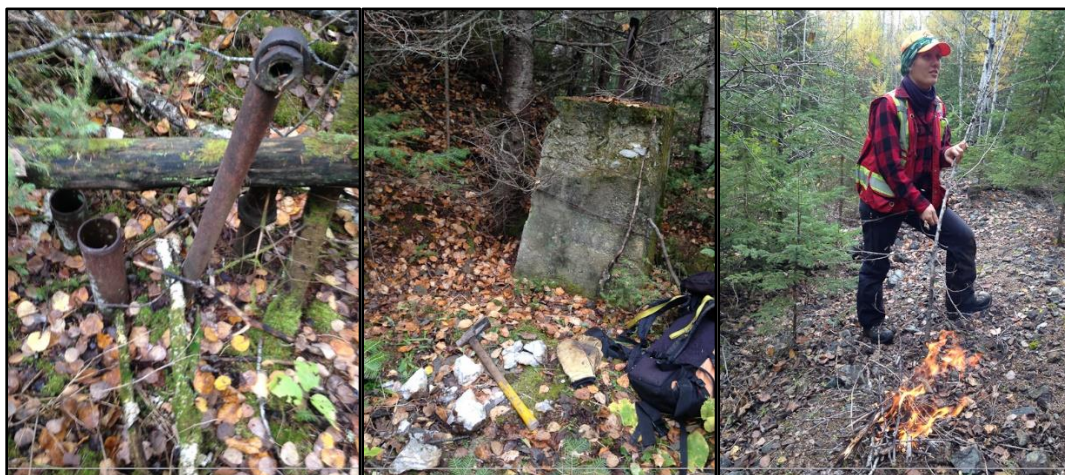
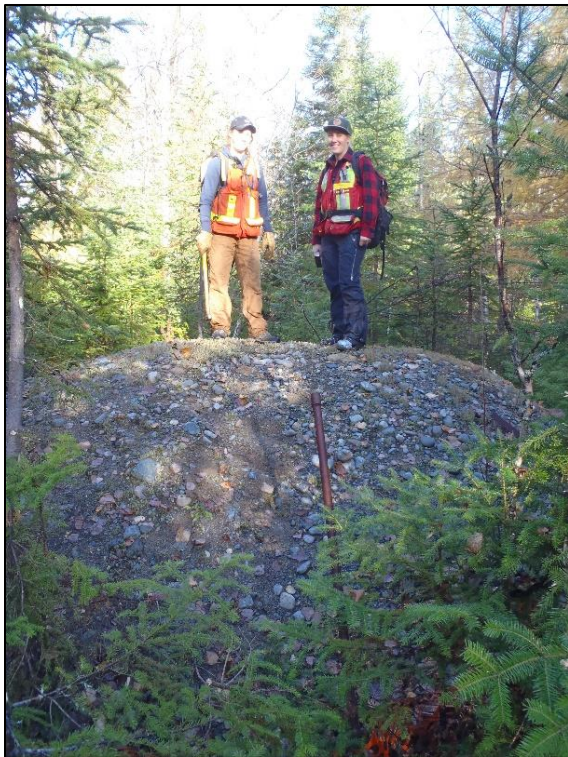


Table 3: Showing Historical Shafts which were located and sampled.

Label	Easting	Northing	Description
Shaft No. 1	573696	5338735	Cement foundation, metal poles, barbed wire, 5/8" cable
Shaft No. 2	573563	5338731	Definite shaft with orange fence, metal poles, dump of gravel fill on top of shaft
Shaft No. 3	573696	5339241	Approx. location
Shaft No. 4	573790	5339484	
Shaft No. 5	573749	5339845	Large muckpile broken rocks
Kirana South Twin Shaft	574160	5337822	Southern twin shafts on Kirana break east of highway, very little mineralization, filled in with water, outcrop on wallrock has up to 5% pyrite locally
Kirana North Shaft	574557	5338107	Northern shaft on Kirana break east of highway, very little mineralization
Northern Shaft	572242	5341516	Shaft with timbers, Shaft is 1.2 m wide by 2.4 m long, outcrop in area is QFP + Mafic to Intermediate Volcanic, barren, no muckpiles, just glacial till
Hargreaves Shaft	578398	5337267	Probable location of shaft; however, highly disturbed as Northern Gold dug huge trench in the area
Kirgood Shaft	578782	5336824	Shaft fairly intact, cedar cribbing, would be good to put safety fence around it



Photos: Shaft No. 2 which has been filled in (above left) and Shaft No. 5 which has been filled in (above right)



Photo: Shaft No. 3 (contains a metal bar and cement foundation), land owner has disturbed historical muckpiles by reopening old mining trail (above)



Photos: Cement foundation with brick oven at Hargreaves Shaft (above), Cement foundation (left below), 1930's Crown Jar and miner's lamp at Hargreaves Shaft Area (right below)



Photos: Kirgood Shaft with steep sides - recommended to fence off hazard (below)



Trenches

There were over 60 trenches located (Fig. 6, 7, and 8), most of these were sampled. Please see Appendix D for list of trenches and locations. Trenches encountered were historical trenches which included test pits, dug trenches and blasted trenches, as well as, recent trenches which consisted of outcrop exposed by mechanical stripping.



Photos: Examples of historical trenches encountered (above) and recent trenches (below)



Historical trenches ranged from small 2 metre square pits to 2 metres wide by 50 metres long. Recent trenches were dug by heavy equipment by Northern Gold and were several metres wide and long.

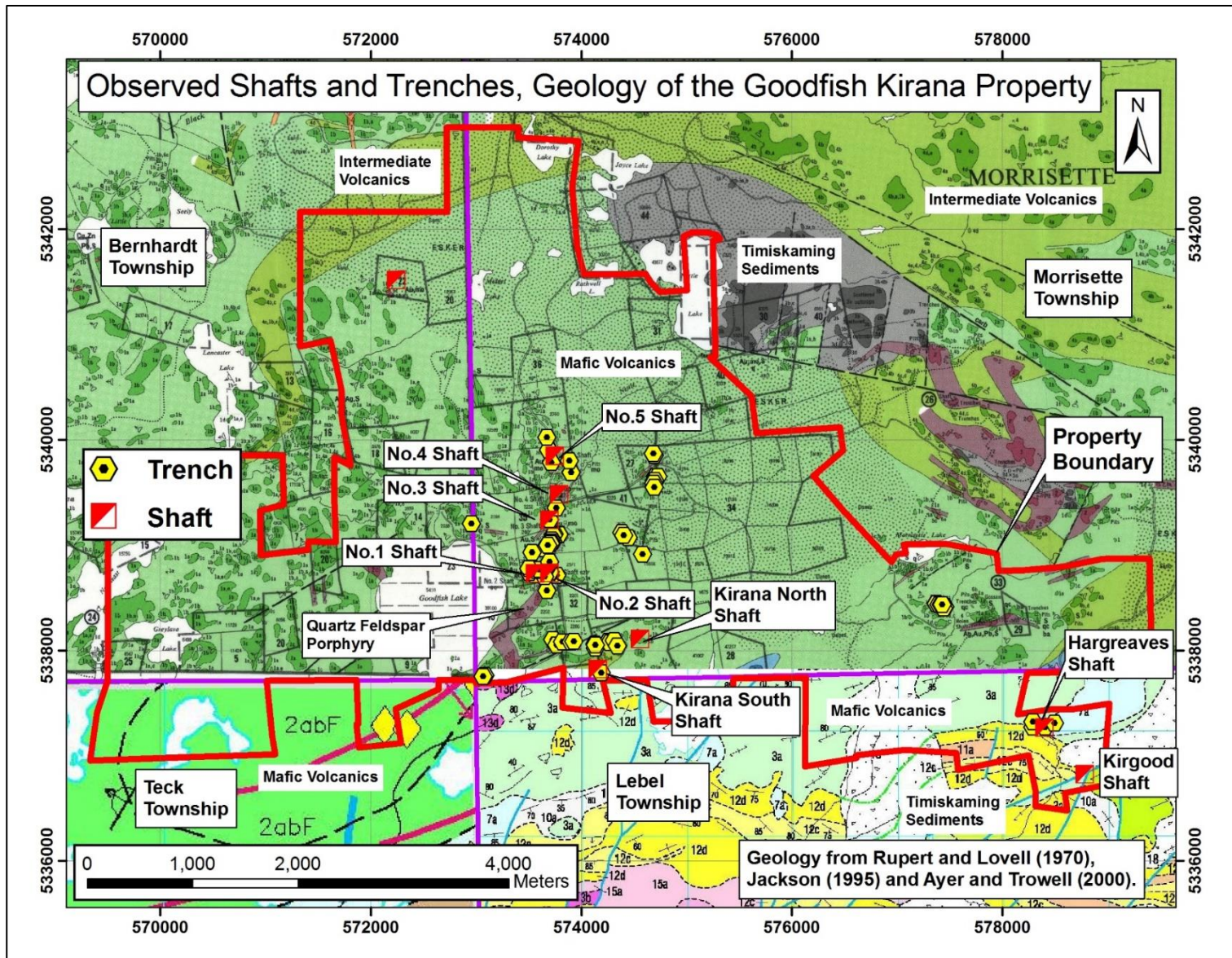


Figure 6: Observed Shafts and Trenches during the Fall 2016 Prospecting Program for the Goodfish Kirana Property

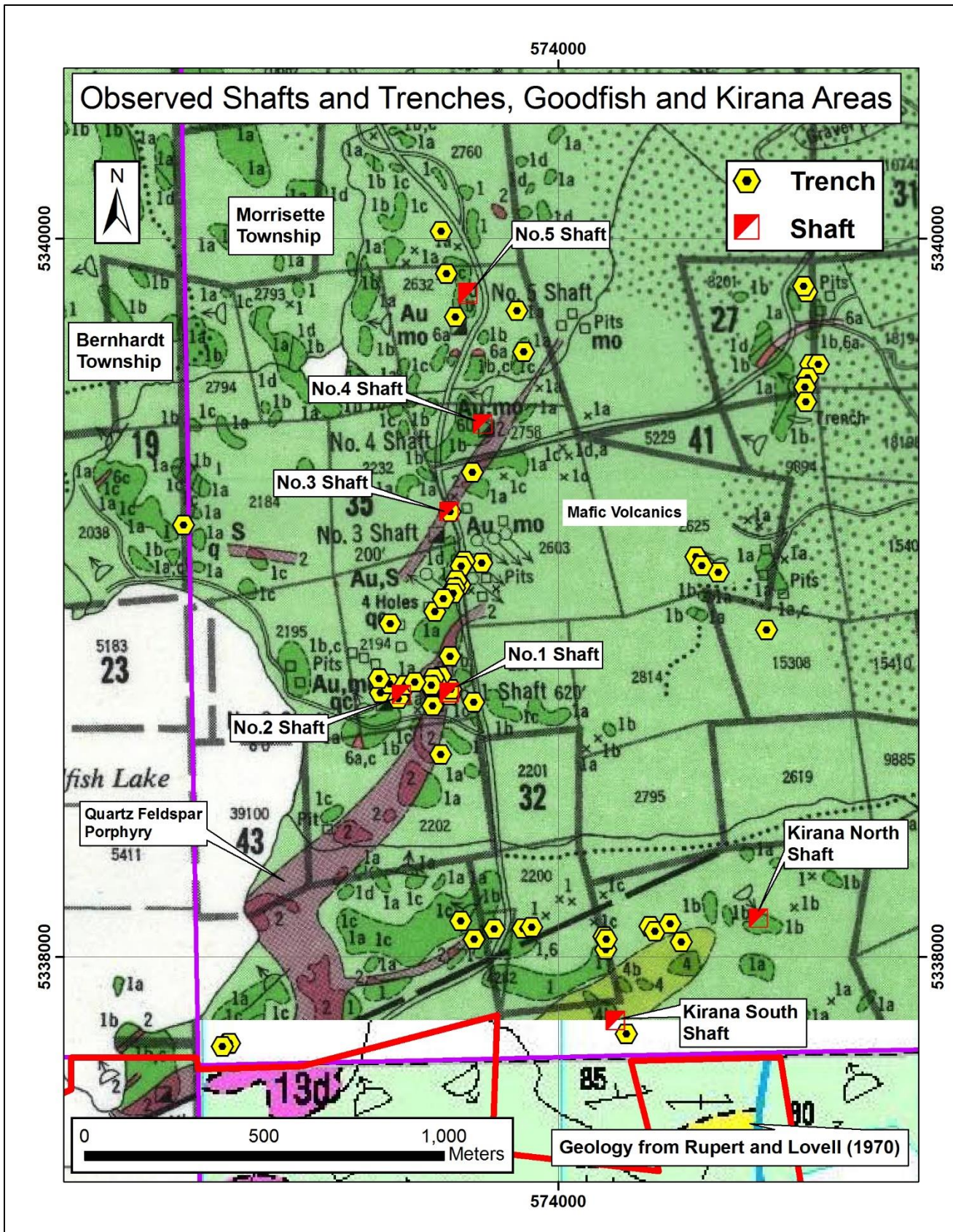


Figure 7: Observed Shafts and Trenches in the Goodfish and Kirana Areas

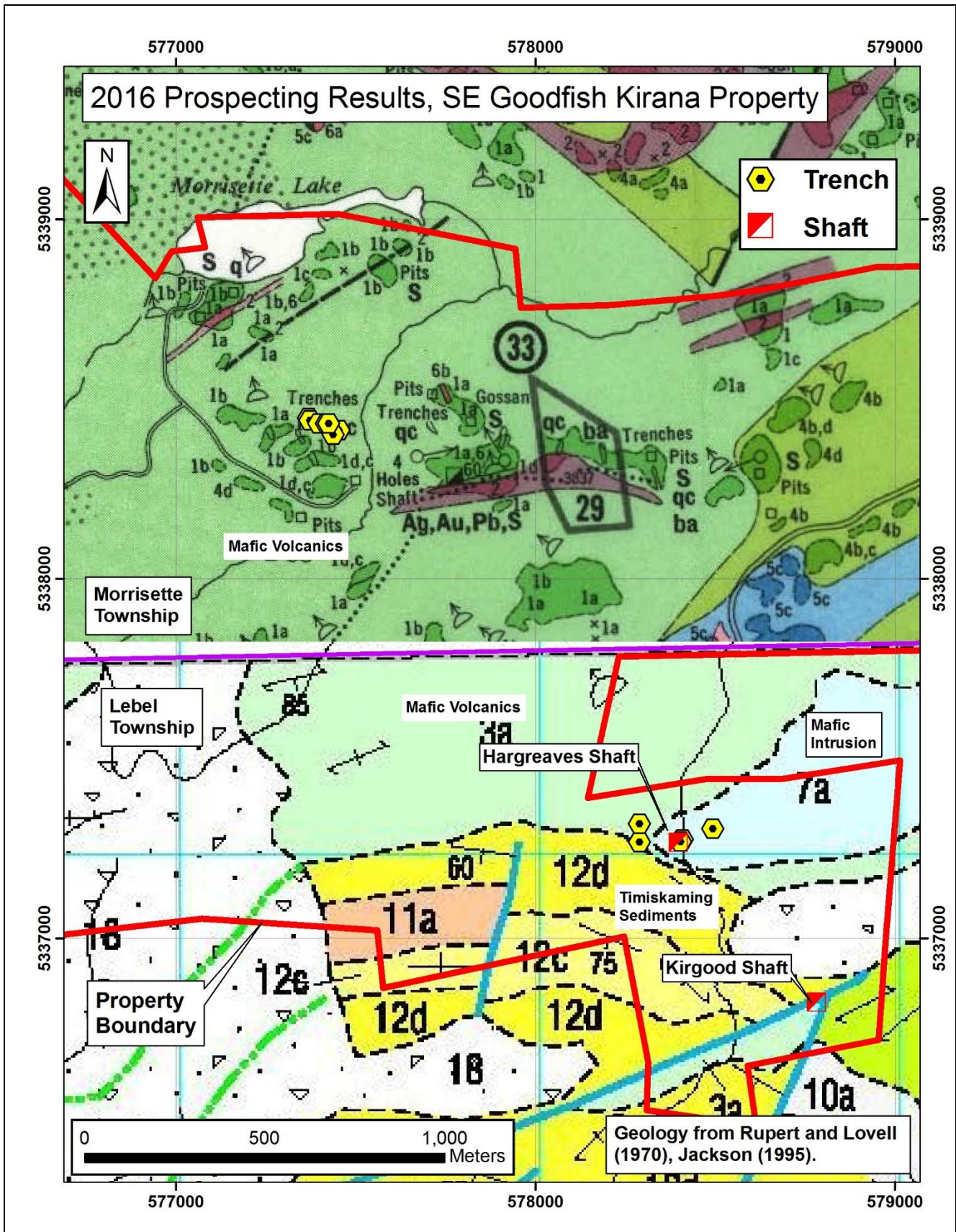


Figure 8: Observed Shafts and Trenches for the Southeast Portion of the Goodfish Kirana Property

Sampling Results

Highlighted Results from samples are described below in Table 4. To see a comprehensive list of samples collected, with descriptions and assay results, please refer to Appendix A.

The Prospecting Program was successful in proving the presence of high grade gold in the historical area of the Goodfish Shafts, as well as anomalous gold in the Kirana and Hargreaves Shaft Areas. There were three areas found to have anomalous gold values from the results obtained in the October 2016 Prospecting Program (Fig. 9, 10, 11). These areas are as follows:

- 1) Goodfish Zone (Fig. 10)
- 2) Kirana Break Zone (Fig. 10)
- 3) Hargreaves Shaft Area (Fig. 11)

Table 4: Highlights of All Gold Results for 2016 Prospecting

(Values over 0.5 g/t Au) organized first by area, then in descending order of highest gold values.

Sample	Easting	Northing	Description	Au g/t	Target
177388	573730	5339088	Volcanic, silicified, purplish grey, mod carb, 5-10% py, trench sub-crop	143.6	Goodfish Between Shaft No. 1 and 3
177333	573726	5339035	Fine-grained mafic volcanic sheared with 15% py in stringers some dissm. Q-c schist. Trench 15m long mostly north-south trend	53.25	Goodfish Between Shaft No. 1 and 3
177386	573736	5339095	Quartz vein, mod carb, sericite fractures, 1-5% py, trench sub-crop (same location as 177385)	16.83	Goodfish Between Shaft No. 1 and 3
177337	573707	5339012	Sugary textured light grey to white silicified carb altered. from Muck pile. 7% stringers of pyrite.	7.962	Goodfish Between Shaft No. 1 and 3
177334	573716	5339048	Fine-grained mafic volcanic with carb-filled fracturing 10% fine to medium grained pyrite disseminated. strong carbonate alteration. at muck pile from trench.	3.73	Goodfish Between Shaft No. 1 and 3
177387	573739	5339101	White felsic vein 2-3cm in mafic host-rock, 20-30% py in host beside vein, from trench outcrop	3.084	Goodfish Between Shaft No. 1 and 3
177335	573699	5339023	Light gray fine grained strong carbonate altered. beside trench. 7% fine-grained disseminated pyrite. Sugary texture strong quartz carbonate alteration.	1.347	Goodfish Between Shaft No. 1 and 3

Sample	Easting	Northing	Description	Au g/t	Target
177385	573735	5339095	Intermediate volcanic, altered light green grey with mm-cm quartz veins, white and dark grey with 1-5% py, weak carb, large trenches, sample of trench sub-crop	0.607	Goodfish Between Shaft No. 1 and 3
177441	573647	5338750	Quartz-carb vein in trench outcrop, 0.5% fine py in fractures, trench oriented at approx 340 degrees	2.486	Goodfish Shaft No. 1 & 2 Area
177314	573598	5338766	Next to previous sample. Contact between mv and q-p porphyry. Min py. Strong ser-carb. Orange grey.	0.924	Goodfish Shaft No. 1 & 2 Area
177437	573763	5338711	Same as above, more sheared with dark grey very fine grained seams - chlorite, with py?, sub-crop prob in place, Trench same as 177436, 1% fine py	220	Goodfish Shaft No. 1 Area
177307	573692	5338747	Coarse-grained carb-ser. Grey-white. 1% py, min-tr cpy. Fractured with pieces of carb laminated look elevated concentrated py approx 5% py. Loose beside cement blocks. Barbed wire.	5.794	Goodfish Shaft No. 1 Area
177438	573768	5338712	Sheared, light grey, mod sericite and carb, quartz-QFP?, hard to say, 1% py mg and fine, trench outcrop east side	4.885	Goodfish Shaft No. 1 Area
177352	573701	5338744	Quartz vein, sheared, same trench as 177351, outcrop, moderate carb alt, minor fine cubic py	1.676	Goodfish Shaft No. 1 Area
177303	573701	5338739	Orange brown muck pile. 15% py dissm in qtz-carb-ser schist. Breccia	1.264	Goodfish Shaft No. 1 Area
177436	573765	5338708	Quartz-carb vein in trench, west side, outcrop, approx 20cm wide, white-grey, 0.5% py	0.988	Goodfish Shaft No. 1 Area
177419	573555	5338739	Quartz carb vein in same as above, 2 metres away	8.396	Goodfish Shaft No. 2 Area
177317	573699	5339240	Ser-carb-qtz schist from muck pile with 5% py, tr aspy. Poss sphalerite. Qtz-carb stringers 1cm throughout. Strong foliation. Looks like sheared porphyry. Cement forms near shaft, 3Trenches with no outcrop	0.747	Goodfish Shaft No. 3 Area

Sample	Easting	Northing	Description	Au g/t	Target
177375	573750	5339844	QFP?, mod-strongly sheared, strong sericite, mod carb, 3-5% py mostly fine, from muckpile	4.06	Goodfish Shaft No. 5 Area
177376	573746	5339853	Volcanic, silicified, grey, 15-20% py, weak carb, from muckpile of pit adjacent to previous samples	1.247	Goodfish Shaft No. 5 Area
177325	573734	5339910	Orange carb-ser altered mv with up to 10% dssm py and q-c stringers 10%.	1.145	Goodfish Shaft No. 5 Area
177326	573689	5339902	Fngr Mafic with str carb alt. 3cm q-c stringers. 5% py, poss sphal (purple). Muck pile of pit	0.512	Goodfish Shaft No. 5 Area
177489	578404	5337269	Quartz-carb vein with rusty gossan, 10cm wide, trench outcrop, 50% py, 245 deg locally/ dip approx 75 but is variable	1.212	Hargreaves Shaft
177402	574046	5338185	Pillows, strong carb, few quartz-carb veinlets, minor py	2.056	Kirana
177454	574126	5338058	Contact between mafic volcanic and conglomerate. Minor sulphides strong carbonate alteration minor ser.	1.577	Kirana
177479	573065	5337750	Trenches with qtz carb veins. Multiple shears 10 cm at 229/67 5% fngr py fngr mv	0.812	Kirana
177433	573084	5337758	Quartz-carb vein approx 30-40cm wide, weak sericite, strong carb, 5% fine-mg py in trench, outcrop, vein is weakly S-ing through outcrop, approx 285/50	1.192	Kirana Northern Gold Trench
177411	574162	5337824	Intermediate volcanic, fg, grey, rusty fractures, outcrop at shaft, 3-5% fine py	8.945	Kirana South Twin Shafts

Goodfish Zone

The Goodfish Zone returned the highest assay values of the program. These are described in more detail below by area. The highest value was obtained east of Shaft No. 1 from a historical trench assaying 220 g/t Au, followed by an area of extensive trenches between Shaft No. 1 and 3, with values of 143.6, 53.25, 16.83 and 7.96 g/t Au.

Shaft No. 1 and 2 Area

Shaft No. 1 high grade samples of 220 g/t Au and 4.89 g/t Au were from sub-crop and bedrock (respectively) in a historical trench approx. 7 metres long and 1.5 metres wide, just west of the highway and north of the land owner's garage, located at UTM coordinates 573765 E/ 5338708 N. Samples were from a 20 cm-wide folding quartz-carb vein trending 030 to 060 degrees in the trench with 0.5-1.0% fine grained pyrite which is part of a 1.5 metre wide shear zone trending approx. 120 to 130 degrees in the trench.



Photo: Sample 177437 from historical trench sub-crop of a quartz-carb vein which assayed 220.00 g/t Au

At Shaft No. 2, which has been filled in with gravel, a sample taken of bedrock approx. 5 metres northwest of the shaft assayed 8.40 g/t Au in quartz-carb altered mafic volcanic with 5% medium to coarse grained pyrite, moderately sheared at 330 degrees.



Photo: Sample 177419 taken from outcrop near Shaft No. 2 which assayed 8.40 g/t Au

There were several anomalous gold values in the Shaft No. 1 and 2 Area as can be seen in Figure 10. Notable gold values in this area were 220.00, 8.40, 5.79, 4.89, 2.49, 1.68, 1.26, 0.99, and 0.92 g/t Au.

Historical Trenches Between Shaft No. 1 and 3

The area between Shafts No. 1 and 3 has extensive trenches along a north-northeast trend (previously this area has been referred to as Area C). This area returned the highest number of anomalous values of the program. Notable gold values in this area were 143.6, 53.25, 16.83, 7.96 g/t, 3.73, 3.08, 1.35, and 0.61 g/t Au. The highest value in this area was 143.6 g/t Au from the sub-crop of a trench approx. 200 metres south of Shaft No. 3 in purplish grey silicified volcanic, moderately carbonate altered with 5 to 10 % pyrite.



Photo: Sample 177388 which assayed 143.6 g/t Au

Another sample in this area which assayed 53.25 g/t Au was from a trench also and was fine grained mafic volcanic with quartz carb schist sheared with 15% pyrite in stringers.



Photo: Sample 177333 which assayed 53.25 g/t Au



Photos: Sample 177386 which assayed 16.83 g/t Au (left), Sample 177337 which assayed 7.96 g/t Au (right)

Shaft No. 5 Area

Shaft No. 5 located at 573750 E/ 5339844 No has been filled in. At the location of the Shaft muckpiles, a value of 4.06 g/t Au was obtained from the muckpile of Quartz Feldspar Porphyry which was moderately sheared with strong sericite, moderate carbonate and 3 to 5% mostly fine pyrite. Notable values from this area were 4.06, 1.25, 1.15, and 0.51 g/t Au. The latter two of these values were obtained from trenches in the area.



Photo: Sample 177375 taken from Shaft No. 5 muckpile which assayed 4.06 g/t Au (above), Ruth standing where Shaft No. 5 has been filled in (below)



Kirana Break Area

The Twin Shafts located along the Kirana Break at UTM 574160 Easting and 5337822 Northing returned the highest gold value along the Kirana Break, of 8.95 g/t in wallrock of the shaft wall. The twin shafts are located approx. 300 metres east of the highway on the southern part of the Kirana Break.



Photo: Sample 177411 which assayed 8.95 g/t Au taken from the shaft wallrock (above), Twin Shafts located along the Kirana Break where Sample 177411 was taken (below)



Also of interest in the Kirana Break Area prospected is some newly uncovered outcrop in a landowner's yard which assayed 2.06 g/t Au in Intermediate to Mafic Volcanic Pillows with strong carbonate alteration, with a few quartz-carb veinlets and minor pyrite mineralization; this was from Sample 177402 located at 574046 Easting and 5338185 Northing. Another outcrop approx. 100 metres southeast from the above sample, which was taken at a contact between mafic volcanic and conglomerate with strong carb alteration, minor sericite and minor sulfides, assayed 1.58 g/t Au, Sample 177454 located at 574126 Easting and 5338058 Northing.



Photo: Sample 177402 which assayed 2.06 g/t Au in carbonate altered mafic volcanic pillows

Hargreaves Shaft

The Hargreaves Shaft exact location has been obscured by recent mechanical stripping by Northern Gold which makes it difficult to determine exactly where the shaft was located although there are extensive piles of broken rock from the historical mine and cement foundations still remain from the historical workings. The highest value of 1.21 g/t Au was obtained from a 10 cm wide gossanous quartz carb vein with 50% pyrite trending approximately 245 degrees dipping 75 DIRECTION?. It would have been easier to obtain a good sample from this area prior to its recent disturbance by heavy equipment.



Photo: Sample 177489 which assayed 1.21 g/t Au, taken at Hargreaves Shaft Area in recently exposed outcrop (above), Newly exposed outcrop with large muckpiles surrounding in Hargreaves Shaft Area (below)



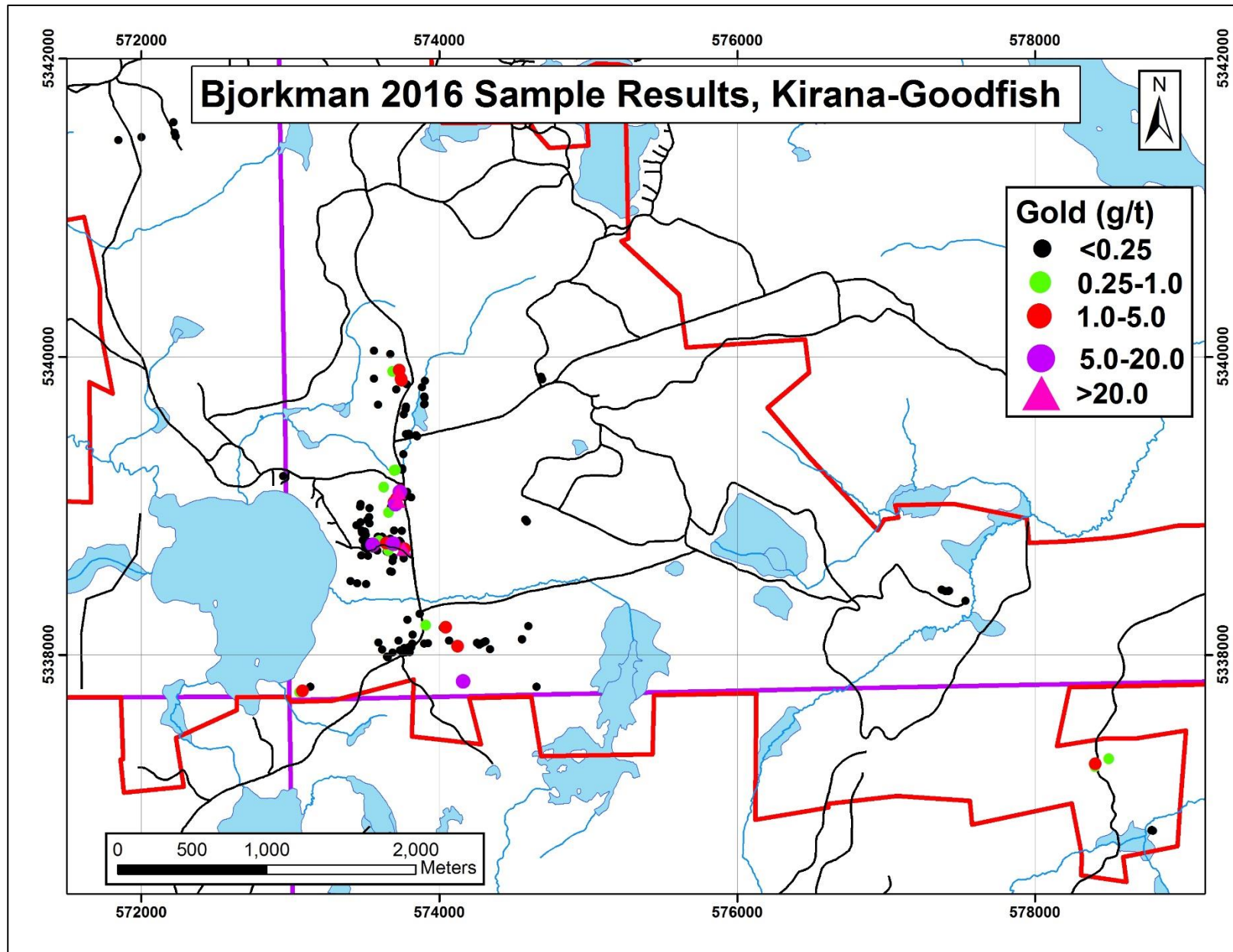


Figure 9: Gold Results for 2016 Prospecting Program of Goodfish Kirana Property

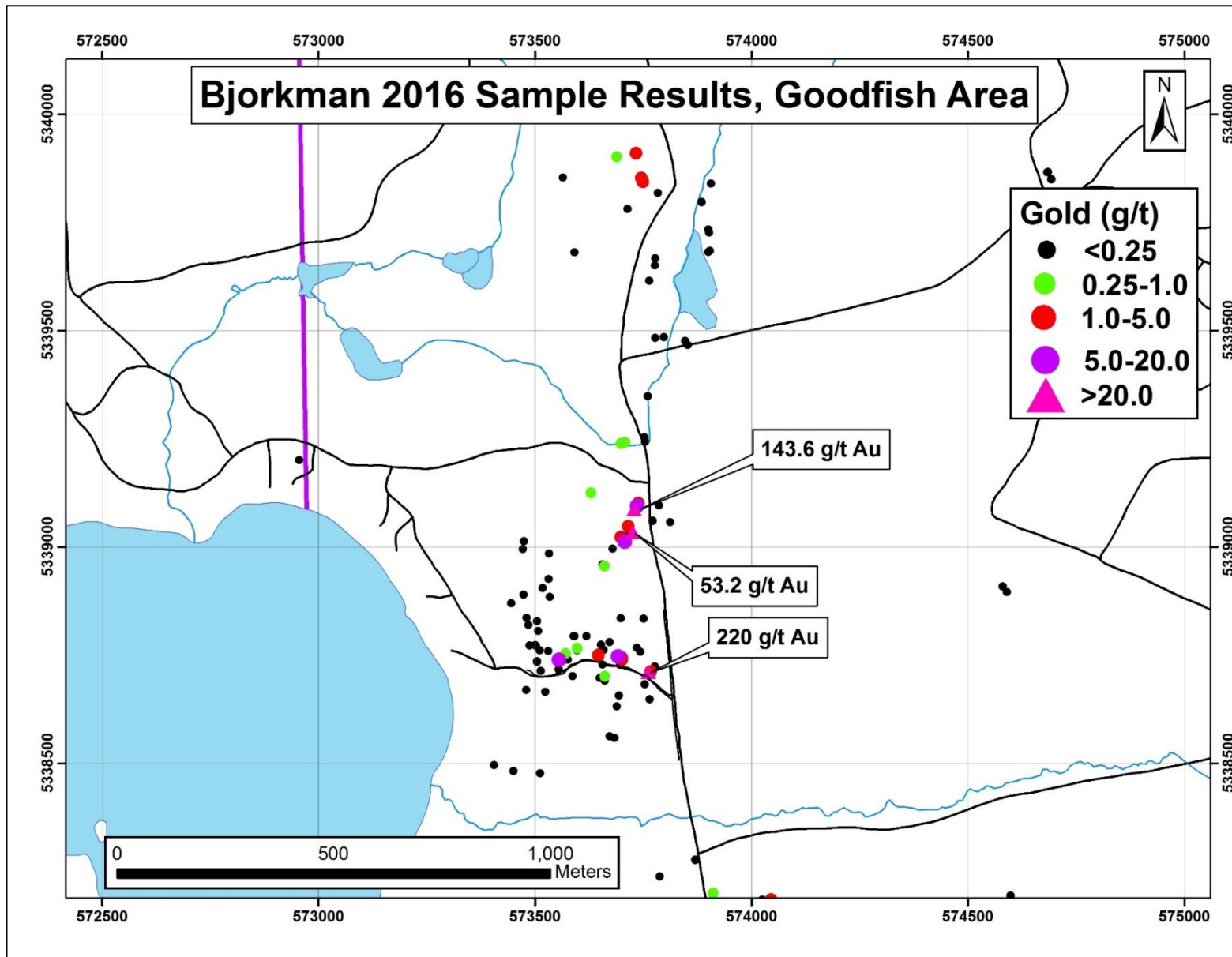


Figure 10: Gold Results of Goodfish Area for 2016 Prospecting Program of Goodfish Kirana Property

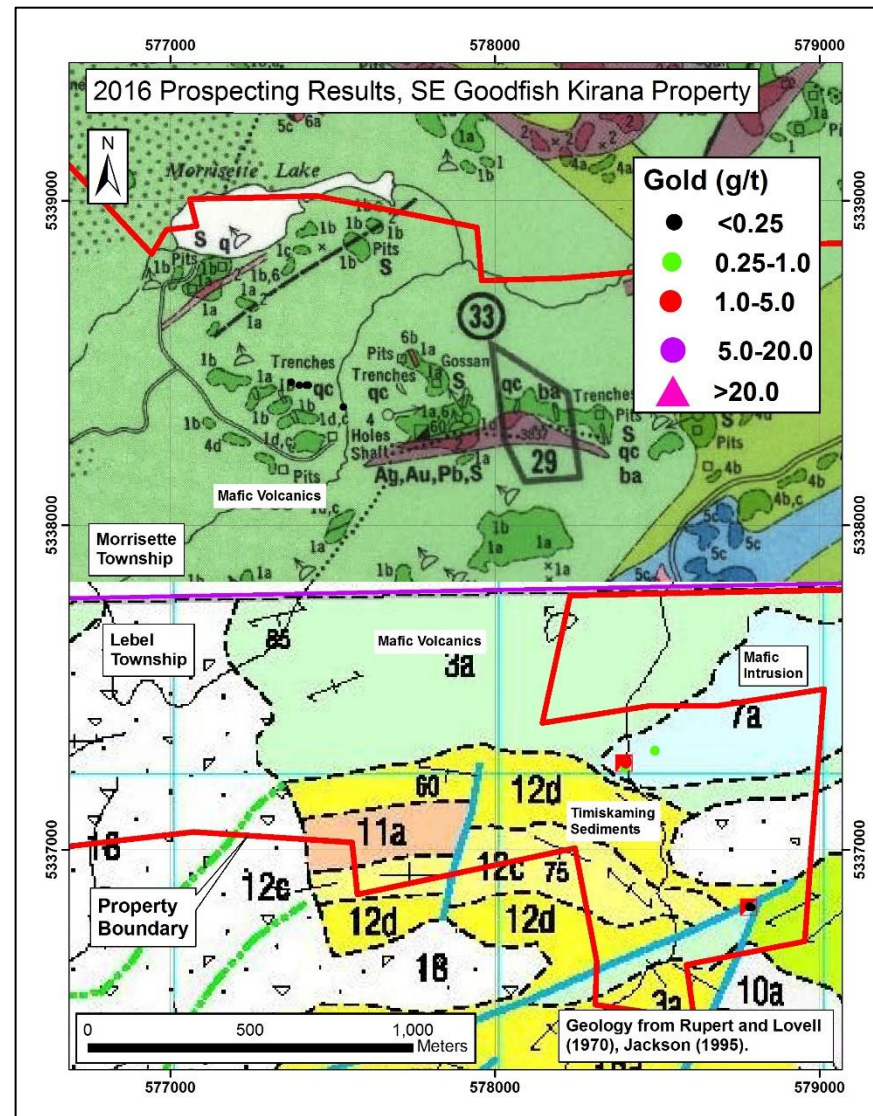
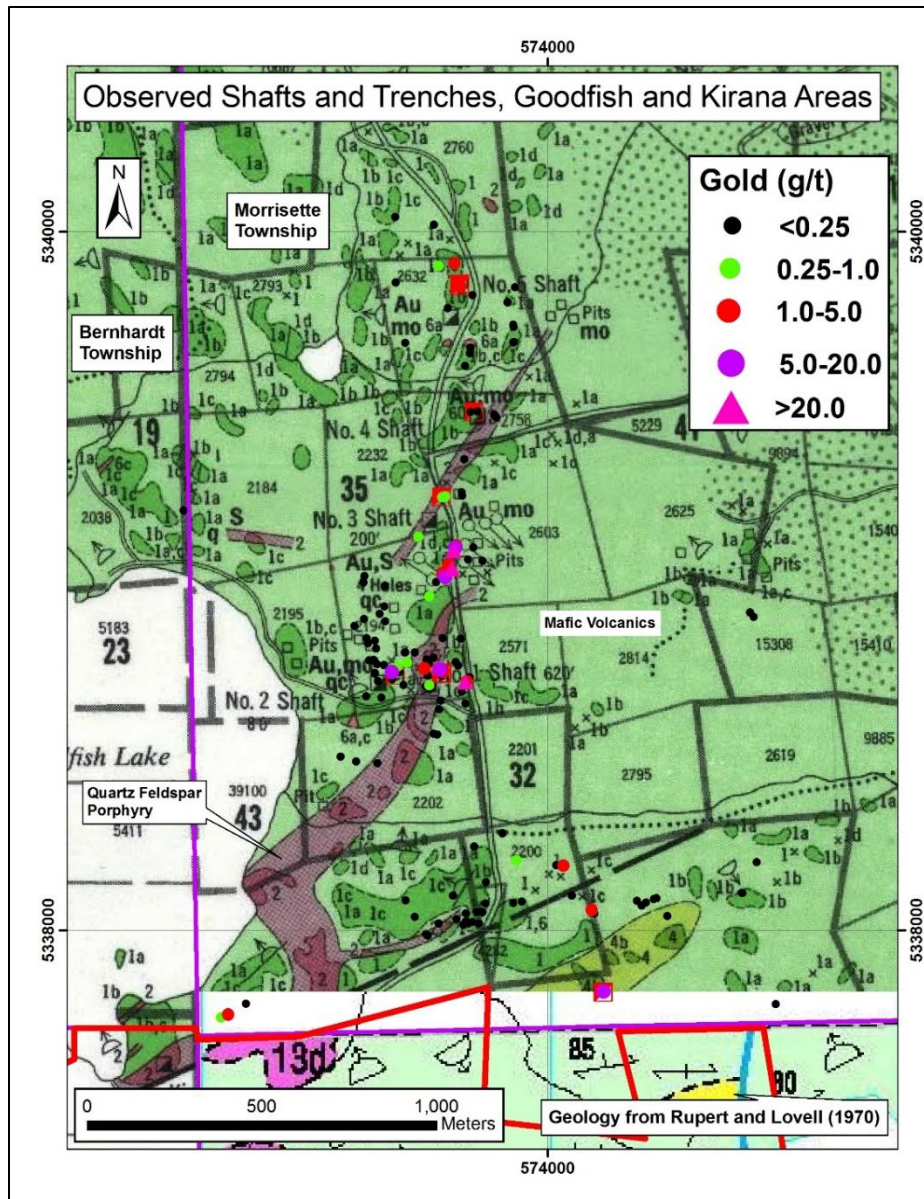


Figure 11: Fall 2016 Prospecting Program Results with trenches, shafts, and geology

Recommendations

After being so successful in such a short time, it is highly recommended to continue work on the Goodfish Kirana Property to continue to define current targets and hopefully discover new targets. Listed below are recommended steps to continue exploration on this property.

- 1) Continue definition prospecting. Revisit areas of anomalous gold to fill in gaps in sampling. Examine and heavily sample areas that returned high gold values from the Fall 2016 Program.
- 2) Clean out brush and debris from historical trenches and areas around shafts especially in the Shaft No. 1 & 2 Area and the Historical Trenches that are between Shaft No. 1 and 3 Area.
- 3) Continue reconnaissance and exploratory prospecting including lineaments and anomalies identified by geophysics.
- 4) Mechanically strip outcrop in the area of the historical trenches between Shaft No. 1 and 3 to gain a better understanding of geology and the encouraging gold values obtained.
- 5) Define drill targets for the same areas described in 2).

References

- Acorn, W., Legault, J. and Fiset, N. 2008. Report on a Helicopter-borne Versatile Time Domain Electromagnetic (VTEM) Geophysical Survey, Kirana Property. Northern Gold Assessment Report, KL6209, 21 p. Not in AFRI system.
- Ayer, J.A., Thurston, P.C., Bateman, R., Gibson, H.L., Hamilton, M.A., Hathway, B., Hocker, S.M., Hudak, G., Lafrance, B., Ispolatov, V.O., MacDonald, P.J., Peloquin, A.S., Piercey, S.J., Reed, L.E., Thompson, P.H., and Izumi, H. 2005a. Ontario Geological Survey Miscellaneous Release - Data (MRD) 155
- Ayer, J.A., Thurston, P.C., Bateman, R., Dubé, B., Gibson, H.L., Hamilton, M.A., Hathway, B., Hocker, S.M., Houlié, M.G., Hudak, G., Ispolatov, V.O., Lafrance, B., Leshner, C.M., MacDonald, P.J., Peloquin, A.S., Piercey, S.J., Reed, L.E., and Thompson, P.H. 2005b. Overview of Results from the Greenstone Architecture Project: Discover Abitibi Initiative. Ontario Geological Survey Open File Report 6154, 146 p.
- Beaudry, D. 1987. Rapport Pédogéochimique de la Propriété Kirana. Minnova Inc. Assessment Report, KL-4941, 8 p. Not in AFRI system.
- Beckmann, H. 1980. Kirkland Lake Claims, Ontario: Electromagnetic and Magnetic Surveys. Rio Tinto Canadian Exploration Ltd. Assessment Report. AFRI No. 32D04NW0268, 11 p.
- Bergmann, H.J. 1967. Report on Gold-silver Property, Morrisette Township. Black River Mining Ltd./Coastal Mining Ltd. Assessment Report, KL-1718, 12 p. Not in AFRI system.
- Bernard, D. 1990. Summary of Exploration Work-Kirana Property. Minnova Inc. Assessment Report, KL-4941, 9 p. Not in AFRI system.
- Boivin, M. 2007a. Report on an airborne magnetic survey on the Morrisette and Bernhardt project. Gold Diamet Ltd. Assessment Report. AFRI No. 20000765, 11 p.
- Boivin, M. 2007b. Geophysical maps for the Morrisette and Bernhardt project. Gold Diamet Ltd. Assessment Report. AFRI No. 20000766, 2 p.
- Brown, P.A.R. 2006. Diamond Drilling Program Carried Out for Gold Diamet Resources on the Claim Group in Bernhardt and Morrisette Townships. Gold Diamet Resources Assessment Report. AFRI No. 20002716, 13 p.
- Carmichael, S. J. 1988. Report on the Morrisette Township Property. F.T. O'Connor Assessment Report. AFRI No. 32D04NW0321, KL-1771, 3 p.
- Carmichael, S. J. 1990a. Drill Logs for Two Holes. F.T. O'Connor Assessment Report. AFRI No. 32D04NW0709, KL-1771, 29 p.

- Carmichael, S. J. 1990b. Report on the Morrisette Township Gold Property. F.T. O'Connor Assessment Report. AFRI No. 32D04NW8983, KL-1771, 9 p.
- Carmichael, S. J. 1992. Report on the Bernhardt/Morrisette Township Property. A. Merrick Assessment Report. AFRI No. 41A01NE9807, 8 p.
- Carmichael, S. J. 1995. Report of Exploration Activities on the Lebel Township Gold Property. Amarado Resources Ltd. Assessment Report. AFRI No. 32D04NW0100, KL-3641, 10 p.
- Chorzepa, E. 1972. Assaying and Analysis Report. E. Chorzepa Assessment Report. AFRI No 32D04NW0285, 12 p.
- Chorzepa, E. 1976. Report with Five Drill Logs. E. Chorzepa Assessment Report. AFRI No. 32D04NW0361, KL-0495, 11 p.
- Chorzepa, E. 1983. Report with One Drill Log. E. Chorzepa Assessment Report. AFRI No. 32D04NW0229, 4 p.
- Constable, D. 1984a. Geological Report for F. T. O'Connor. F.T. O'Connor Assessment Report. AFRI No.42A01NE0174, 8 p.
- Constable, D. 1984b. Geophysical Report for F. T. O'Connor. F.T. O'Connor Assessment Report. AFRI No.42A01NE0174, 10 p.
- Cooper, G.R. 1987. Geophysical Report, Claims L644717, L714930 and L714931. Premier Explorations Inc. Assessment Report. AFRI No. 32D04NW0203, 7 p.
- Cunningham, L.J. 1984. Drill Log for One Hole. EDDA Resources Inc. Assessment Report. AFRI No. 32D04NW0340, KL-0755, 8 p.
- Duchoslav, Z. and Webster, B. 1988a. Report on Induced Polarization/Resistivity Surveys, Kirana Project. Minnova Inc. Assessment Report, KL-4941, 17 p. (not in AFRI system)
- Duchoslav, Z. and Webster, B. 1988b. Report on Ground Geophysical Surveys, Magnetics/VLF, Kirana Project. Minnova Inc. Assessment Report, KL-4941, 8 p. (not in AFRI system)
- Edda Resources Inc. 1984. Geochemical Report. EDDA Resources Inc. Assessment Report. AFRI No. 32D04NW0335, 10 p.
- Forbes, C.P. 1985a. Report on Geophysical Surveys Completed During 1984. Edda Resources Inc. Assessment Report. AFRI No. 32D04NW0333, KL-0755, 13 p.
- Forbes, C. P. 1985b. Drill Log for One Hole. Premier Explorations Inc. Assessment Report. AFRI No.32D04NW0316, KL-0755, 1 p.
- Forbes, C. P. 1989. Report with Two Drill Logs. Glencairn Explorations Ltd. Assessment Report. AFRI No. 32D04NW0308, 6 p.

- Gamble, D. 1996a. Power Stripping, Geology, and Gold Geochemistry of Area A, Area B et al. F. T. O'Connor Assessment Report, AFRI No.42A01NE0214, KL-3961, KL-4107, 13 p.
- Gamble, D. 1996b. Power Stripping, Geology, and Gold Geochemistry of Areas A, C, E, G, and H.F.T. O'Connor Assessment Report. AFRI No. 32D04NW0387, KL-4108, 12 p.
- Gamble, D. 1997. Gridding, Induced Polarization and VLF-EM Geophysical Surveys, and Reconnaissance Gold Litho-geochemistry, Goodfish Lake Property Mining Claim L 1202867 et al. F.T. O'Connor Assessment Report. AFRI No. 42A01NE0314, KL-4233, 15 p.
- Gamble, D. 1998. Diamond Drill Report Goodfish Lake Property Mining Claim L1202867 et al. F.T. O'Connor Assessment Report. AFRI No. 42A01NE2029. KL-4777, KL-4800, 13 p.
- Gamble, S. 1981. Assessment Report on Mining Claim #544533, Lebel Township. S. Gamble Assessment Report. AFRI No. 32D04NW0258, 2 p.
- Garneau, E.J. 1961. Drill Logs, Holes 1 and 2. Grasset Lake Mines Ltd. Assessment Report, AFRI No. 32D04NW0245, 2 p.
- Germundson, R.K. and Weller, W. 1993. Dorothy Lake Geology Report, Bernhardt and Morrisette Townships. Arnold Merrick Assessment Report. AFRI No. 42A01NE9903, 9 p.
- Hawley, P.G. 1994. Report on the Prospecting, Geophysical Surveys, Geological Mapping and Sampling Program on the Murdoch Creek Prospect of Randon Ferderber. Randon Ferderber Assessment Report. AFRI No. 32D04NW0257, 11 p.
- Jackson, S.L. 1995. Precambrian Geology, Larder Lake Area. Ontario Geological Survey, Map 2628, scale 1:50,000.
- Jackson, S.L. and Fyon, J.A. 1991. The western Abitibi subprovince in Ontario. *In* Geology of Ontario, Ontario Geological Survey Special Volume 4, pp. 405-482.
- Kirana Kirkland Gold Mines Limited. 1936. Presentation of Corporate and Property Facts. Kirana Kirkland Gold Mines Limited Prospectus, KL-1429. Not in AFRI system.
- Kozel, J. and Webster, B. 1995. A Logistical and Interpretative Report on Spectral I.P. and Resistivity Surveys. Amarado Resources Ltd. Assessment Report. AFRI No. 32D04NW0100, KL-3641, 16 p.
- Lambert, G. and Turcotte, R. 1988a. Levé Géophysique propriété de Exploration BREX Inc., Projet Lebel. Exploration BREX INC. Assessment Report. AFRI No. 32D04NW0188, 5 p.
- Lambert, G. and Turcotte, R. 1988b. Induced Polarization property of Exploration BREX Inc., Lebel Project. Exploration BREX INC. Assessment Report. AFRI No. 32D04NW0194, 5 p.
- Leahy, M. 1984. Report on Magnetic Survey, Leahy Property, Lebel Township. Michael Leahy Assessment Report. AFRI No. 32D04NW0216, 4 p.

- Leahy, M. 1985a. Report on VLF Electromagnetic Survey, Heart Lake Property, Lebel Township. Michael Leahy Assessment Report. AFRI No. 32D04NW0210, 6 p.
- Leahy, M. 1985b. Report on VLF Electromagnetic Survey, Leahy Lake Property, Lebel Township. Michael Leahy Assessment Report. AFRI No. 32D04NW0243, 4 p.
- Leahy, M. 1986. Report on Geological and Geochemical Surveys, Leahy Property, Lebel Township. Michael Leahy Assessment Report. AFRI No. 32D04NW0207, 3 p.
- Leahy, M. 1987. Sampling Report, Claim L-714947, Lebel Township. Michael Leahy Assessment Report. AFRI No. 32D04NW0199, 4 p.
- Lerliche, P. and Matich, T. 1987. Geological and Geophysical Report on the Teck Township Property, Kirkland Lake, Ontario. Freegold Recovery Inc. Assessment Report. AFRI No. 42A01NE0146, 24 p.
- Link, T. A. 1986. Drill Logs for Three Holes. T.A. Link Assessment Report. AFRI No. 32D04NW0326, KL-1628, 10 p.
- Link, T. A. 1988. Drill Logs for Two Holes. T.A. Link Assessment Report. AFRI No. 32D04NW8985, KL-1628, 8 p.
- Link, T. A. 1989a. Drill Log, Hole M-2-89. T.A. Link Assessment Report. AFRI No. 32D04NW0310, KL-1628, 6 p.
- Link, T. A. 1989b. Partial Drill Log, Hole M-1-89. T.A. Link Assessment Report. AFRI No. 32D04NW0313, KL-1628, 5 p.
- Link, T. A. 1989c. Partial Drill Log, Hole M-1-89. T.A. Link Assessment Report. AFRI No. 32D04NW0315, KL-1628, 5 p.
- Link, T. A. 1993. Drill Log. T.A. Link Assessment Report. AFRI No. 32D04NW0157, KL-3270, 10 p.
- Link, T. A. 1994. Assaying, Analysis, and Diamond Drill Logs. T.A. Link Assessment Report. AFRI No. 32D04NW0078, 11 p.
- Link, T. A. 1996. 1996 Report, Morrisette Property. T.A. Link Assessment Report. AFRI No. 32D04NW0382, KL-4021, 6 p.
- Lovell, H. and Grabowski, G. 1981. Report on One Drill Log. Haas Warner Mining Inc. Assessment Report. AFRI No. 42A01NE0005, 1 p.
- Madhill, B. 2008. Morrisette Township Unpatented Mining Claim 1186591 Diamond Drill Report. Northern Gold Assessment Report, KL5991, AFRI No. 20005222, 3 p.
- Madhill, B. 2009. Report on a Helicopter-borne Versatile Time Domain Electromagnetic (VTEM) Geophysical Survey, Kirana Property. Northern Gold Assessment Report, KL-6209, 19 p. Not in AFRI system
- Marion, E. 1998. Lakeview Property, Bernhardt/Teck Townships. Eric Marion Assessment Report. AFRI No. 42A01NE2008, 5 p.

- Marion, E. 1999. Lakeview Property, Bernhardt/Teck Townships. Eric Marion Assessment Report. AFRI No. 42A01NE2017, 8 p.
- Marion, E. 2000a. Lakeview Property, Bernhardt/Teck Townships. Eric Marion Assessment Report. AFRI No. 42A01NE2039, 10 p.
- Marion, E. 2000b. Lakeview Property, Bernhardt/Teck Townships. Eric Marion Assessment Report. AFRI No. 42A01NE2057, 53 p.
- Marion, E. 2001. Lakeview Property, Bernhardt/Teck Townships. Eric Marion Assessment Report. AFRI No. 42A01NE2043, 15 p.
- Marion, E. and Carreau, A. 1995. Lakeview Property, Bernhardt/Teck Townships. Eric Marion and Alain Carreau Assessment Report. AFRI No. 42A01NE0249, 6 p.
- Markov, R.A. 1980a. Geophysical and Geological Survey of Morrisette-Lebel-Arnold Twps. Rosario Resources Canada Ltd. Assessment Report, AFRI No. 32D04NW0043, KL-2412, 25 p.
- Markov, R.A. 1980b. Magnetic, VLF EM Survey of Croxall-Allsopp Option, Morrisette Townships. Rosario Resources Canada Ltd. Assessment Report, AFRI No. 32D04NW0349, KL-2412, 9 p.
- Markov, R.A. 1980c. Diamond Drill Logs. Rosario Resources Canada Ltd. Assessment Report, AFRI No. 32D04NW0354, KL-2412, 40 p.
- Matheson, G. 2009a. 2008 Geological Report, Kirana Property. Northern Gold Mining Inc. Assessment Report. KL-6244, AFRI No. 20000005408, 63 p.
- Matheson, G. 2009b. 2008 Diamond Drilling Report, Kirana Property. Northern Gold Mining Inc. Assessment Report. KL-6329, AFRI No. 20007021, 25 p.
- Matheson, G. 2009c. 2008 Mobile Metal Ions Process Geochemical Survey on the Kirana Property. Northern Gold Mining Inc. Assessment Report. AFRI No. 20005900, 23 p.
- McClenaghan, M.B., Veillette, J.J. and Dilabio, R.N.W. 1995. Ice Flow Indicators in the Timmins and Kirkland Lake Areas, Northeastern Ontario. Geological Survey of Canada, Open File 3014, Map, Scale 1:200,000.
- Morris, G. 1985. Drill Log, Hole M21A. Lac Minerals Ltd. Assessment Report, AFRI No. 32D05SW0103, KL-1538, 3 p.
- Mullan, G.J. 1988. Geochemical Sample Results. Trinity Explorations Assessment Report, AFRI No. 42A01NE0014, 9 p.
- Northfield, H.J. and Webster, B. 1988. Magnetics and VLF Ground Geophysical Surveys on the Kirana Project. Minnova Inc. Assessment Report. AFRI No. 42A01NE0017, KL-1886, 11 p.
- O'Connor, F. T. 1979. Drill Logs for Two Holes. Haas Warner Mining Inc. Assessment Report. AFRI No. 42A01NE0006, KL-1608, 5 p.

- O'Connor, T. A. 2004a. Report on Goodfish Lake Property. T. A. O'Connor Assessment Report. AFRI No. 42A01NE2055, 4 p.
- O'Connor, T. A. 2004b. Prospecting Program on Mining Claim L-1199563, Bernhardt Township. T. A. O'Connor Assessment Report. AFRI No. 42A01NE2059, KL-5334, 5 p.
- O'Connor, T. A. 2005a. Power Stripping & Sampling Program on Mining Claim L-1211970 located in Morrisette Township. T. A. O'Connor Assessment Report. AFRI No. 20000000337, KL-5442, 14 p.
- O'Connor, T. A. 2006. 2006 Trenching Program on Mining Claim L-1199563, Bernhardt Township. T. A. O'Connor Assessment Report. AFRI No. 20002798, 5 p.
- O'Connor, T. A. 2007a. Channel Sample Program on Mining Claim L-1199563, Bernhardt Township. T. A. O'Connor Assessment Report, AFRI No. 20003568, 5 p.
- O'Connor, T. A. 2007b. Drilling, Blasting & Sampling Program on Mining Claim L-4210202, situated in Lebel Township. T. A. O'Connor Assessment Report. AFRI No. 20004872, 5 p.
- Parres, J. R. 1985. Report of Work Performed in Morrisette Twp under the O.M.E. P Program. EDDA Resources Inc. Assessment Report. AFRI No. 32D04NW0330, KL-0755, 4 p.
- Pearson, V. 1988a. Levé Géologique de la propriété Lebel. Exploration BREX INC. Assessment Report. AFRI No.32D04NW0185, 39 p.
- Pearson, V. 1988b. Drill Logs, Holes LEB-88-01 to 88-04. Exploration BREX INC. Assessment Report. AFRI No.32D04NW0184, 15 p.
- Pearson, V. 1989. Programme de forage 1988 Propriété Lebel. Exploration BREX INC. Assessment Report. AFRI No.32D04NW0230, 5 p.
- Pelletier, M. 1988. Levé Géochimique des Sols Propriété Kirana. Minnova Inc. Assessment Report, KL-4941, 23 p. Not in AFRI system.
- Ploeger, C.J. 2007. Magnetometer Survey Over the Bernhardt Targets, Bernhardt Township. Gold Diamet Resources Ltd. Assessment Report. AFRI No. 20003900, 7 p.
- Ploeger, C.J. 2008a. Magnetometer Survey Over the Bernhardt Airborne Target, Bernhardt Township. Gold Diamet Resources Ltd. Assessment Report. AFRI No. 20004866, 6 p.
- Ploeger, C.J. 2008b. Magnetometer Survey Over the Dorothy Lake Target, Morrisette Township. Gold Diamet Resources Ltd. Assessment Report. KL-5884, 7 p. Not in AFRI system.
- Ploeger, F. 1981. Report Including Two Drill Logs for the Morrisette Property. F.T. O'Connor Assessment Report. AFRI No. 42A01NE0004, 2 p.

- Rattee, K. 2007. Report on the Fall 2007 Power-stripping Program, Kirana Claim Group, Claim L802838. Northern Gold Mining Inc. Assessment Report, KL-5865, 3 p. Not in AFRI system.
- Rattee, K. 2008. Report on the Fall 2007 Power-stripping Program, Kirana Claim Group, Fidelity Shaft Area. Northern Gold Mining Inc. Assessment Report. AFRI No. 20004361, 3 p.
- Reinecke, H. 1930. Mallard Lake Gold Mines Map. Mallard Lake Gold Mines Assessment Report, KL-1718, scale 1":200'. Not in AFRI system
- Roach, R. J. 1967. Drill Logs for Two Holes. G.S. Potter Assessment Report. AFRI No.32D04NW0339, KL-1984, 5 p.
- Robson, W.T. 1941. Report on the Property of Miles-Martin Kirkland Lake Mines, Limited at Goodfish Lake. Miles-Martin Kirkland Lake Mines Assessment Report, KL-1869, 3 p. Not in AFRI system
- Setterfield, T. 2014. Report on the Goodfish Kirana Property, Bernhardt, Teck, Lebel and Morrisette Townships, NTS Map Sheets 32D/04 and 42A/01, Northeastern Ontario for Champagne Resources Limited. Champagne Resources, 105 p.
- Skeries, R. 1999. Assaying and Analysis and Diamond Drilling. 1190901 Ontario Inc and Medici Mineral Corp. Assessment Report. AFRI No. 32D04NW2019, KL-4651, 34 p.
- St. Jean, P. 1995a. Physical Work Report for Claims 1202568 & 1202569 in Bernhardt Twp (June 95). Paul St. Jean Assessment Report. AFRI No. 42A01NE0070, 1 p.
- St. Jean, P. 1995b. Physical Work Report for Claims 1202568 & 1202569 in Bernhardt Twp (Aug 95). Paul St. Jean Assessment Report. AFRI No. 42A01NE0029, 1 p.
- St. Jean, P. 1997. Assessment Work. Paul St. Jean Assessment Report. AFRI No. 42A01NE0279, 3 p.
- Stones, J.F. 1980. Assessment Report, Heart Lake Property, Lebel Township. Minorex Limited Assessment Report, AFRI No. 32D04NW0262, 4 p.
- Sutton, M. W. 2003. Report on the Sutton Property. M.W. Sutton Assessment Report. AFRI No. 42A01NE2049, KL-5225, 2 p.
- Trusler, J. R. 1990. Drilling Report on Zone A of the Goodfish Property, Morrisette and Bernhardt Townships. International Platinum Corporation Assessment Report. AFRI No. 32D04NW0304, KL-0964, 24 p.
- Trusler, J. R. 1992. Drilling Report on Zone A of Goodfish Property, Morrisette and Bernhardt Townships. Glencairn Explorations Ltd. Assessment Report. AFRI No. 42A01NE2003, KL-3396, 21 p.
- Trusler, J. R. 1995. Drilling Report on Zone A of Goodfish Property. Southview Capital Corp. Internal Report, 21 p.

- Walker, J. A. 1985. Grid M21, Report on Magnetic Survey. LAC Minerals Ltd. Assessment Report. AFRI No. 32D04NW0395, KL-1538, 5 p.
- Walker, J. A. 1986. Grid BE2, Bernhardt Township Ontario, Report on Magnetic Survey. LAC Minerals Ltd. Assessment Report. AFRI No. 42A01NE0018, 6 p.
- Ward, W. 1955. Drill Logs for Four Holes. Macassa Mines Assessment Report. KL-1718. Not in AFRI system.
- Warne, G.R.J., Legault, J.M., Alikaj, P., Kallfa, G., Oswald, A. and Blackshaw, K. 1997. Geophysical Interpretation Report Regarding the Gradient-Realsection TDIP Induced Polarization Survey at the Morrisette Project. Medici Resources. Assessment Report. AFRI No. 32D04NW2035, KL-5060, 13 p.
- Weller, W.K. 1993. Dorothy Lake Vertical Gradient, Bernhardt and Morrisette Townships. Arnold Merrick Assessment Report. AFRI No. 42A01NE9902, 9 p.
- Weller, W.K. 1994. Dorothy Lake <2>, Bernhardt and Morrisette Townships. Arnold Merrick Assessment Report. AFRI No. 42A08SE0109, 10 p.
- WGM (Watts, Griffis and McOuat Ltd.). 1988. Interim Report of Preliminary Exploration on Goodfish Property. Lencourt Limited Assessment Report. AFRI No. 32D04NW0312, KL-1613, 11 p.

APPENDIX

Appendix A: Sample Descriptions with Gold Assay Values (ppb)

Appendix: 2016 Prospecting Program Goodfish Kirana Property

Sample	Easting	Northing	Au	Description	Date	Sampler
177301	573736	5338768	0.009	Loose from edge or cement blocks. 1% py euhedral within fine grained string carb altered mafic volcanic. Grey-green. Area has multiple pipes some which look like drill collars very large others have small pipes look like they could have been for water or ventilation. Four cement foundations which could probably be a hoist of some sort.	14-Oct-16	RDB
177302	573744	5338758	0.017	Outcrop strong carb in shear. Small 5cm qtz-carb vein with 10% py and cpy tr bn	14-Oct-16	RDB
177303	573701	5338739	1.264	Orange brown muck pile. 15% py dssm in qtz-carb-ser schist. Breccia	14-Oct-16	RDB
177304	573662	5338701	0.294	Muck pile. orange brown outside, white grey mgr fs. 7% fng py-cpy tr silvery blue metallic mineral. Ser -carb str. Close to where shaft should be!	14-Oct-16	RDB
177305	573662	5338692	0.122	Pile of qtz porphyry with 7% fng py. Light grey-white with green hues. Str carb, ser, chl	14-Oct-16	RDB
177306	573650	5338698	0.006	Fng grey-green volcanic with 1% dssm mgr py, 1-3% py along fractures with conc chl. Highly fractured. Str chl-carb altn. Loose from 2x2m pit	14-Oct-16	RDB
177307	573692	5338747	5.794	Cgr carb-ser. Grey-white. 1% py, min-tr cpy. Fractured with pieces of carb laminated look elevated conc py approx 5% py. Loose beside cement blocks. Barbed wire.	14-Oct-16	RDB
177308	573619	5338795	0.072	Str carb alt pillowed mv with shear. 3% dssm and stringer py. Fng grey-brown	14-Oct-16	RDB
177309	573592	5338795	0.007	Shear in mv fng yellow-grey-green with qtz-carb stringers 1cm. Dssm cpy .5%, .5% py dssm. Band is rich in cpy unlike next sample which has py dssm and in stringers.	14-Oct-16	RDB

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Sample	Easting	Northing	Au	Description	Date	Sampler
177310	573590	5338795	0.006	Same as above but without cpy, 1% dssm py and 10% qtz-carb stringers have 2% py. Oc	14-Oct-16	RDB
177311	573531	5338760	0.011	Sample from pit muck pile. 3m deep x 7m long. Very strongly altered mv with fractures filled with blue metallic mineral. Min py dssm. Str ser-carb alt. fngr yellow-grey. ~120•	14-Oct-16	RDB
177312	573573	5338756	<0.005	Fngr mv with mod carb filled fractures. Dark grey. 1% py along seams. 7m trench muck pile.	14-Oct-16	RDB
177313	573600	5338765	0.029	Fngr mv str carb-ser schist. Min py. Pit 2m wide. Grey brown	14-Oct-16	RDB
177314	573598	5338766	0.924	Next to previous sample. Contact between mv and q-p porphyry. Min py. Str ser-carb. Orange grey.	14-Oct-16	RDB
177315	573598	5338762	0.099	Next to previous sample. Q-p porphyry with min py. Light brown-grey.	14-Oct-16	RDB
177316	573708	5339242	0.467	Qtz-carb m-cgr breccia with py-gn fragments 1% fngr dssm. muck pile by shaft location	15-Oct-16	RDB
177317	573699	5339240	0.747	Ser-carb-qtz schist from muck pile with 5% py, tr aspy. Poss sphalerite. Qtz-carb stringers 1cm throughout. Strong foliation. Looks like sheared porphyry. Cement forms near shaft, 3Trenches with no outcrop	15-Oct-16	RDB
177318	573761	5339349	0.016	Muck pile in middle of swamp mostly porphyry. Min cgr py in blobs. Green-grey. Qfp.	15-Oct-16	RDB
177319	573778	5339484	0.068	Fngr mv with ser-carb alt chl, 5% dssm py. Qtz-carb stringers >1cm folded. From muck pile beside what looks like filled in shaft.	15-Oct-16	RDB
177320			4.114	STANDARD CDN-GS-4C		
177321	573798	5339486	0.233	Fngr ser-carb schist with 5-10% py fngr dssm and in stringers. Beside shaft west side.	15-Oct-16	RDB
177322	573847	5339477	0.045	Q-porphyry with tr py orange-grey. Shear at 60 5cm wide.	15-Oct-16	RDB

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Sample	Easting	Northing	Au	Description	Date	Sampler
177323	573853	5339468	<0.005	Younger porphyry in contact with the previous sampled body. Tr-min py. Grey ser-carb mod.	15-Oct-16	RDB
177324	573714	5339782	<0.005	Fngr dark grey mv with born py min py. Pit	15-Oct-16	RDB
177325	573734	5339910	1.145	Orange carb-ser altered mv with up to 10% dssm py and q-c stringers 10%.	15-Oct-16	RDB
177326	573689	5339902	0.512	Fngr Mafic with str carb alt. 3cm q-c stringers. 5% py, poss sphal (purple). Muck pile of pit	15-Oct-16	RDB
177327	573674	5340020	0.01	Q-c veins in Mafic fn-mgr. 1% mgr py dssm. Trench 5m long	15-Oct-16	RDB
177328	573764	5339616	<0.005	Dark Gray brown Mafic volcanic fine-grained. Disseminated pyrite 1% and in stringers. Moderately fractured carbonate filled fractures	16-Oct-16	RDB
177329	573777	5339652	<0.005	Dark gray green Mafic volcanic with trace amounts dssm pyrite 5 cm Quartz carbonate vein. Epidote carb alteration moderately fractured	16-Oct-16	RDB
177330	573885	5339798	0.062	5 m trench filled with water. Light gray yellow make a volcanic sheared with 10% pyrite disseminated. Strong carbonate alteration. From muck pile	16-Oct-16	RDB
177331	573885	5339799	<0.005	Orange brown Quartz porphyry with trace amounts pyrite strong carb alteration. Muck pile possible shaft in trench.	16-Oct-16	RDB
177332	573592	5339682	<0.005	Dark gray fine-grained mafic volcanic minor pyrite disseminated carb altered moderate	16-Oct-16	RDB
177333	573726	5339035	53.25	Fngr mv sheared with 15% py in stringers some dssm. Q-c schist. Trench 15m long mostly north-south trend	16-Oct-16	RDB

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Sample	Easting	Northing	Au	Description	Date	Sampler
177334	573716	5339048	3.73	Fine-grained mafic volcanic with carb-filled fracturing 10% fine to medium grained pyrite disseminated. strong carbonate alteration. at muck pile from trench.	16-Oct-16	RDB
177335	573699	5339023	1.347	Light gray fine grained strong carbonate altered. beside trench. 7% fine-grained disseminated pyrite. Sugary texture strong quartz carbonate alteration.	16-Oct-16	RDB
177336	573711	5339027	0.029	Same as above but 2% py dark grey min q-c stringers. Muck pile	16-Oct-16	RDB
177337	573707	5339012	7.962	Sugary textured light grey to white silicified carb altered. from Muck pile. 7% stringers of pyrite.	16-Oct-16	RDB
177338	573680	5338997	0.066	Dark gray mafic volcanic. carb altered silicified 3% disseminated pyrite. Pit wall 2 m deep 3m long.	16-Oct-16	RDB
177339	573699	5338836	0.007	Sheared light gray brown porphyry close to trench. 10 m long.	16-Oct-16	RDB
177340			<0.005	BLANK		
177341	573751	5338835	0.006	Orange grey porphyry with shear. Min dssm py.	16-Oct-16	RDB
177342	573766	5338048	0.06	Gossan beside pit. 15-20% py highly fractured. Very strong carb alteration.	17-Oct-16	RDB
177343	573739	5338032	0.224	Yellow-grey fngr mv with 5% dssm py. Min >1cm q-c stringers. Mod carb alt.	17-Oct-16	RDB
177344	573688	5338019	0.018	Sheared fine-grained mafic volcanic strong carbonate alteration 3cm quartz vein. minor to 1% pyrite.	17-Oct-16	RDB
177345	573657	5337985	0.014	Greyish brown fine-grained mafic volcanic with very fine grained pyrite up to five percent. Strong carbonate alteration.	17-Oct-16	RDB
177346	573651	5337990	0.005	Dark grey mafic volcanic fine-grained with 5% euhedral pyrite dssm.	17-Oct-16	RDB

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Sample	Easting	Northing	Au	Description	Date	Sampler
177347	573619	5338038	0.088	Dark gray fine-grained mafic volcanic. 5% pyrite in stringers medium grained strong carbonate alteration.	17-Oct-16	RDB
177348	573797	5338052	0.021	Medium green light to yellow gray sheared with 1% medium grained disseminated pyrite.	17-Oct-16	RDB
177349	573822	5338077	0.025	Light grey sheared float beside blasted area. 5% py stringers.	17-Oct-16	RDB
177350	573823	5338137	0.007	Light orange porphyry with disseminated minor pyrite float	17-Oct-16	RDB
177351	573697	5338728	0.007	Mafic volc, white quartz, silicified, fine grained, grey with orange brown carb, in a pit with barb wire and 5/8" cable, of outcrop, 0.5% fine py + cpy on carb vein	14-Oct-16	JLB
177352	573701	5338744	1.676	Quartz vein, sheared, same trench as 177351, outcrop, moderate carb alt, minor fine cubic py	14-Oct-16	JLB
177353	573701	5338744	0.29	Quartz-carb, sheared, 3 metres from 177351-352 in same trench, 0.5% fine py	14-Oct-16	JLB
177354	573694	5338657	0.007	Mafic?, strong carb alt, mg, grey, few cm orange brown carb rind, minor fine py, outcrop	14-Oct-16	JLB
177355	573656	5338729	0.166	Mafic volcanic, moderate carb altered orange brown, minor fine py with 0.5 cm non-distinct quartz carb vein	14-Oct-16	JLB
177356	573673	5338781	<0.005	Mafic volcanic?, very fine grained/chert-like, silicified, mod orange brown carb, grey fresh surface, minor fine to 0.5% mg pyrite locally with quartz carb in trench 1 metre wide by 7 metres long	14-Oct-16	JLB
177357	573659	5338763	0.058	Quartz-carb, sheared, strong sericite and minor black chlorite, minor fine py, trench sub-crop	14-Oct-16	JLB
177358	573647	5338757	0.017	Mafic volcanic, altered, yellow-cream coloured, mod-strong carb, minor to 0.5% pyrite (several trenches in this area), trench is approx 10 metres long by 2 m wide, trench sub-crop	14-Oct-16	JLB

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Sample	Easting	Northing	Au	Description	Date	Sampler
177359	573587	5338702	0.016	Mafic volcanic, mod carb alt, 0.5 cm carb vein with 1% py	14-Oct-16	JLB
177360	573555	5338718	0.074	Mafic volcanic?, moderately sheared, strong sericite, mod carb, 3% py, quartz-carb grey, in trench/pit approx 2 metres wide by 5 metres, outcrop	14-Oct-16	JLB
177361	573514	5338714	0.048	Mafic volcanic, strongly sheared approx 30-50cm wide, under overturned tree, mod-strong carb, 5% py locally, 270/75	14-Oct-16	JLB
177362	573524	5338666	0.02	Mafic volcanic, fg, 5-10% py locally, few mm quartz carb vein, grey	14-Oct-16	JLB
177363	573480	5338670	<0.005	Feldspar porphyry in fg grey (crystal tuff?), 1% fine py, silicified	14-Oct-16	JLB
177364	573699	5339239	<0.005	Mafic altered to light grey, mg, carb, 0.5% silvery coloured py on fracture, sample from wasterock which has been dug up from a land owner putting a road in, unclear exact location of No. 3 shaft, but in general area	15-Oct-16	JLB
177365	573753	5339254	<0.005	Mafic, mg, weak carb alt, minor py, outcrop	15-Oct-16	JLB
177366	573755	5339244	0.007	Mafic, grey, fg, weak carb, mm quartz-carb veinlets with 0.5% py, outcrop	15-Oct-16	JLB
177367	573787	5339097	<0.005	Mafic, mg, mod carb, 0.5% fine py locally, in trench from highway ditch?, or exploration?	15-Oct-16	JLB
177368	573813	5339058	0.005	QFP near contact with mafic volcanic, grey-white, minor to 0.5% fine py (no flag)	15-Oct-16	JLB
177369	573772	5339062	<0.005	QFP at contact with mafic volcanic, moderate sericite, cg, 0.5% mg cubic py on fractures	15-Oct-16	JLB
177370			<0.005	BLANK		

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Sample	Easting	Northing	Au	Description	Date	Sampler
177371	573772	5339061	0.006	Mafic volcanic at contact with QFP with carb veinlets, 0.5% py in local patches	15-Oct-16	JLB
177372	573784	5339819	0.113	Intermediate volcanic?, mg, 0.5% fine py, weakly sheared	15-Oct-16	JLB
177373	573751	5339840	<0.005	Mafic volcanic, weak carb, fg grey, locally 5% py	15-Oct-16	JLB
177374	573749	5339844	0.331	Quartz-carb flooded, mafic volcanic + QFP?, 5-10% py, large muckpile with same rock type	15-Oct-16	JLB
177375	573750	5339844	4.06	QFP?, mod-strongly sheared, strong sericite, mod carb, 3-5% py mostly fine, from muckpile	15-Oct-16	JLB
177376	573746	5339853	1.247	Volcanic, silicified, grey, 15-20% py, weak carb, from muckpile of pit adjacent to previous samples	15-Oct-16	JLB
177377	573565	5339855	0.009	Mafic to intermediate volcanic, mg, grey, 0.5% chunks py	15-Oct-16	JLB
177378	573563	5340043	<0.005	Intermediate volcanic, sheared, minor py, fg, dark grey, 25 degrees/dipping steeply East	15-Oct-16	JLB
177379	573778	5339668	<0.005	Mafic volcanic, weakly sheared, weak carb, minor py	16-Oct-16	JLB
177380	573907	5339841	<0.005	Intermediate volcanic?, mg, cream-grey, weak carb, minor fine py, weakly sheared, possible trench	16-Oct-16	JLB
177381	573901	5339735	<0.005	Intermediate volcanic, grey, fg, minor py	16-Oct-16	JLB
177382	573903	5339728	<0.005	Intermediate volcanic, grey, fg, 0.5-3% fine py	16-Oct-16	JLB
177383	573904	5339685	<0.005	Volcanic breccia, fragmental, monolithic intermediate volcanic, grey, fg light grey fragments few cm by 4 cm, in mg dark grey matrix, minor py, outcrop at east end of old trench	16-Oct-16	JLB

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Sample	Easting	Northing	Au	Description	Date	Sampler
177384	573901	5339683	<0.005	Intermediate volcanic, fg, light grey, 0.5% py locally with mm quartz-carb veinlets non-distinct, from side of trench: sub-crop or glacial float?	16-Oct-16	JLB
177385	573735	5339095	0.607	Intermediate volcanic, altered light green grey with mm-cm quartz veins, white and dark grey with 1-5% py, weak carb, large trenches, sample of trench sub-crop	16-Oct-16	JLB
177386	573736	5339095	16.83	Quartz vein, mod carb, sericite fractures, 1-5% py, trench sub-crop (same location as 177385)	16-Oct-16	JLB
177387	573739	5339101	3.084	White felsic vein 2-3cm in mafic host-rock, 20-30% py in host beside vein, from trench outcrop	16-Oct-16	JLB
177388	573730	5339088	143.6	Volcanic, silicified, purplish grey, mod carb, 5-10% py, trench sub-crop	16-Oct-16	JLB
177389	573630	5339126	0.272	Volcanic, fg, light grey, mod carb, 1-3% py, (same rock in trench wall), trench muckpile/sub-crop	16-Oct-16	JLB
177390			2.173	STANDARD OREAS 206		
177391	573656	5338961	0.026	Silicified porphyry, light grey, 1-3% py, mod carb, in trench, outcrop	16-Oct-16	JLB
177392	573661	5338956	0.299	Sheared moderately at contact between porphyry and mafic volcanic, mod carb, 5-10% py very locally, land owner's house and yard have obliterated trenches along trend south of here, from trench outcrop	16-Oct-16	JLB
177393	573766	5338026	0.006	Quartz-carb vein with 1-3% py, loose sub-crop under tree root	17-Oct-16	JLB
177394	573784	5338023	0.158	Quartz vein or quartz-flooded, 3-5% py, light grey, outcrop of highway cut	17-Oct-16	JLB
177395	573773	5338019	0.014	Silicified volcanic with seams of py in fractures, rusty, side of highway	17-Oct-16	JLB

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Sample	Easting	Northing	Au	Description	Date	Sampler
177396	573759	5338016	0.017	Mafic volcanic, fg, grey, weak carb, 3-5% fine py	17-Oct-16	JLB
177397	573813	5338052	0.007	Felsic, light grey, very fine sulfide, quartz-carb vein, minor py, outcrop side highway	17-Oct-16	JLB
177398	573729	5338099	0.024	Intermediate volcanic, silicified, 3-5% py in old trench, outcrop	17-Oct-16	JLB
177399	573789	5338239	<0.005	Intermediate volcanic, 1% py, fractured, outcrop	17-Oct-16	JLB
177400	573912	5338200	0.336	Intermediate volcanic breccia, grey, fg, with angular fragments, 5% py mg, non-magnetic	17-Oct-16	JLB
177401	574025	5338186	0.007	Intermediate volcanic pillows, near contact with basalt, 5% mg cu py, outcrop	17-Oct-16	JLB
177402	574046	5338185	2.056	Pillows, strong carb, few quartz-carb veinlets, minor py	17-Oct-16	JLB
177403	574069	5338099	0.032	Silicified intermediate volcanic pillows?, 1-5% fine py, fg, grey, outcrop is modly sheared and chunky py, quartz flooding	17-Oct-16	JLB
177404	574069	5338099	0.014	Silicified intermediate volcanic pillows, fg, grey, with mg to 1cm chunky py, less quartz flooding than 177403 but same outcrop, modly sheared	17-Oct-16	JLB
177405	574256	5338084	0.21	Contact between feldspar porphyry and volcanic breccia in trench (fairly new trench), 20 m by 4m, 1-3% py, outcrop	17-Oct-16	JLB
177406	574270	5338071	0.018	Intermediate volcanic, 3% py in same trench as above, weak carb, outcrop	17-Oct-16	JLB
177407	574282	5338079	0.065	Intermediate volcanic feldspar porphyry, 10-20% cubic 2-4mm py, outcrop	17-Oct-16	JLB
177408	574304	5338089	0.237	Quartz-flooded intermediate volcanic pillows, 1% py, weak carb alt, trench outcrop	17-Oct-16	JLB

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Sample	Easting	Northing	Au	Description	Date	Sampler
177409	574159	5337823	0.413	Sheared volcanic, fg, light grey, rusty, orange red, 5% py locally, approx 80 deg/near vertical South, outcrop edge of shaft, two shafts side by side 3m apart	18-Oct-16	JLB
177410			<0.005	BLANK		JLB
177411	574162	5337824	8.945	Intermediate volcanic, fg, grey, rusty fractures, outcrop at shaft, 3-5% fine py	18-Oct-16	JLB
177412	574164	5337821	0.176	Intermediate to mafic volcanic, grey, fg, 5% py developing net texture, from muckpile at shaft	18-Oct-16	JLB
177413	573871	5338278	0.173	Intermediate volcanic with 0.5% py, rusty, weak carb, outcrop in old trench side of highway	18-Oct-16	JLB
177414	573871	5338277	0.011	Intermediate volcanic with quartz-carb stockwork, moderate carb, 1% py in local clusters in cm scale quartz veins	18-Oct-16	JLB
177415	572956	5339202	0.111	White QV from muckpile of trench on side of cottage road, weak malachite stain, 3% cpy in fracture seams, moderate carb on fracture seams, can see vein in trench (75 deg approx orientation of trench)	19-Oct-16	JLB
177416	573505	5338735	0.015	Mafic volcanic, mod carb, 5% py in trench outcrop, at contact with feldspar porphyry?, several interconnected trenches here approx 20 m by 10m	19-Oct-16	JLB
177417	573505	5338737	0.172	Trench sub-crop in place?, MFVL, mod carb with few mm-scale quartz carb veinlets, 3-5% py (same trench as 177416)	19-Oct-16	JLB
177418	573557	5338736	0.206	Quartz-carb altered mafic volcanic with 5% medium to coarse grained py, moderately sheared near shaft 2, outcrop, 330	19-Oct-16	JLB
177419	573555	5338739	8.396	Quartz-carb altered mafic volcanic with 5% medium to coarse grained py, moderately sheared near shaft no. 2, 2 metres away from 177418, outcrop, 330	19-Oct-16	JLB

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Sample	Easting	Northing	Au	Description	Date	Sampler
177420	573566	5338744	0.034	Mafic volcanic, weak-mod carb altered, few mm quartz-carb veinlets, 3-5% py in fractures, grey, fg, silicified, large angular piece, part of shaft workings	19-Oct-16	JLB
177421	573571	5338754	0.49	Quartz Feldspar Porphyry, mod sericite, weak carb, quartz-carb with purplish mineral, sub-crop in muckpile near Shaft No. 2	19-Oct-16	JLB
177422	573576	5338740	0.084	Quartz Feldspar Porphyry, mod sericite, weak carb, 5% py fine to med grained, muckpile Shaft No. 2 area there are several large pits filled with water around Shaft No. 2 - probably mineralization is widespread	19-Oct-16	JLB
177423	573689	5338632	<0.005	Mafic volcanic with quartz-carb, 3% cpy chunky in quartz-carb, sub-crop probably in place	19-Oct-16	JLB
177424	573765	5338649	0.01	Intermediate volcanic, grey, fg, quartz-carb flooding,, trench?, sub-crop, 0.5% py	19-Oct-16	JLB
177425	573754	5338683	<0.005	Outcrop in landowners yard, no flag as part of clearing, up to 5% py in mafic volcanic?	19-Oct-16	JLB
177426	573684	5338560	0.005	Intermediate volcanic with 1% fine py, outcrop at old pit	19-Oct-16	JLB
177427	573673	5338563	0.037	Quartz carb vein 1cm wide in mafic volcanic, in pit (few trenches/pits in area), outcrop, 3-5% py fg in vein, very fine grained in wallrock, approx end of a 10-15 metre long trench 1 metre wide	19-Oct-16	JLB
177428	573512	5338478	0.012	QFP, light beige coloured, mod carb altered, weak to mod sericite altered, trace to minor very fine cpy	19-Oct-16	JLB
177429	573451	5338483	0.085	QFP, grey and white at contact with mafic volcanic, dark grey, f/mg, 5% py	19-Oct-16	JLB
177430			0.324	STANDARD OREAS 200 PR1606-3322	19-Oct-16	
177431	573406	5338497	0.044	Mafic volcanic, basalt, mg, 3% py locally, side of road	19-Oct-16	JLB

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Sample	Easting	Northing	Au	Description	Date	Sampler
177432	573136	5337789	0.01	Intermediate volcanic, fg, light grey, with chert-like veins with py, 3-5% py	20-Oct-16	JLB
177433	573084	5337758	1.192	Quartz-carb vein approx 30-40cm wide, weak sericite, strong carb, 5% fine-mg py in trench, outcrop, vein is weakly S-ing through outcrop, approx 285/50	20-Oct-16	JLB
177434	573803	5338020	0.027	QV, rusty, massive py, approx 10% py, side of highway shear zone approx East-west	20-Oct-16	JLB
177435	573777	5338725	<0.005	Mafic volcanic, dark grey, fg, 5% med-coarse grained chunky py	21-Oct-16	JLB
177436	573765	5338708	0.988	Quartz-carb vein in trench, west side, outcrop, approx 20cm wide, white-grey, 0.5% py	21-Oct-16	JLB
177437	573763	5338711	220	Same as above, more sheared with dark grey very fine grained seams - chlorite, with py?, sub-crop prob in place, Trench same as 177436, 1% fine py	21-Oct-16	JLB
177438	573768	5338712	4.885	Sheared, light grey, mod sericite and carb, quartz-QFP?, hard to say, 1% py mg and fine, trench outcrop east side	21-Oct-16	JLB
177439	573653	5338775	0.09	Mafic volcanic, in trench outcrop, dark grey, very fg to fg, 0.5-1% py	21-Oct-16	JLB
177440	573649	5338749	0.033	Mafic volcanic with 1cm carb veins, trace fine mo and py	21-Oct-16	JLB
177441	573647	5338750	2.486	Quartz-carb vein in trench outcrop, 0.5% fine py in fractures, trench oriented at approx 340 degrees	21-Oct-16	JLB
177442	573647	5338756	0.144	Quartz-carb with 3-5% py, from outcrop in trench, intermixed with mafic volcanic	21-Oct-16	JLB
177443	571849	5341455	0.025	Intermediate to mafic volcanic, green-grey, fg with black fractures, weakly sheared, minor py	22-Oct-16	JLB

Appendix: 2016 Prospecting Program Goodfish Kirana Property

Sample	Easting	Northing	Au	Description	Date	Sampler
177444	572003	5341476	<0.005	Intermediate volcanic, grey, fg, locally 1% fine py	22-Oct-16	JLB
177445	572225	5341507	<0.005	QFP, some k-spar in 1-2cm crystals in local places, no sulfide, chlorite fractures, outcrop near shaft (can't find mineralization)	22-Oct-16	JLB
177446	572233	5341480	<0.005	Intermediate volcanic, green grey, very fine grained, with black chlorite, trace to minor py, weakly sheared	22-Oct-16	JLB
177447	572218	5341576	<0.005	Intermediate volcanic or breccia?, green grey with strong epidote altered qv, near contact with QFP	22-Oct-16	JLB
177448	574693	5339851	<0.005	QFP, med-cg, grey, 0.5% py, sub-crop from pit 4 metres by 4m by 1.5m deep	22-Oct-16	JLB
177449	574693	5339850	<0.005	White qv with mo or galena in one place, sub-crop from same pit as 177448	22-Oct-16	JLB
177450			0.01	BLANK		
177451	573901	5338078	0.056	Quartz ser carb shift light yellow with 5% pyrite in stringers. Beside pit in Muck pile	17-Oct-16	RDB
177452	573926	5338081	0.035	Light yellow gray fine-grained volcanic from pit. Stringers of pyrite 3%. Carb-ser alteration strong.	17-Oct-16	RDB
177453	574134	5338048	<0.005	Volcanic breccia with strong carb alteration. Min dssm py. Trench 50m long.	17-Oct-16	RDB
177454	574126	5338058	1.577	Contact between mafic volcanic and conglomerate. Minor sulphides strong carbonate alteration minor ser.	17-Oct-16	RDB
177455	574127	5338058	0.049	Light gray porphyry with trace amounts pyrite. In contact with conglomerate.	17-Oct-16	RDB
177456	574343	5338040	0.015	Fine-grained light gray breccia with 10% disseminated fine-grained pyrite. From trench wall. Strong carbonate silicification alteration	18-Oct-16	RDB

Appendix: 2016 Prospecting Program Goodfish Kirana Property

Sample	Easting	Northing	Au	Description	Date	Sampler
177457	574557	5338107	0.007	Silicified medium to coarse grained Sheared porphyry with trace to minor pyrite. Light gray green. On shaft wall.	18-Oct-16	RDB
177458	574558	5338106	<0.005	Quartz carbonate ser schist. On shaft wall light gray brown medium grained.	18-Oct-16	RDB
177459	574599	5338195	<0.005	Fine-grained green mafic volcanic with 1 cm quartz carbonate vein.	18-Oct-16	RDB
177460			<0.005	BLANK	18-Oct-16	
177461	573511	5338762	<0.005	Grey fine grained volcanic with strong carb alteration and highly fractured. Minor pyrite	19-Oct-16	RDB
177462	573501	5338774	<0.005	Sample from pit side. Strong carb alteration in shear zone. Tiny quartz-carb veinlets. 310/80	19-Oct-16	RDB
177463	573503	5338772	<0.005	Quartz-carb schist with seams of py Looks like a breccia. From pit wall	19-Oct-16	RDB
177464	573503	5338772	<0.005	Quartz carb vein from schist. 10-15 cm. 256/85	19-Oct-16	RDB
177465	573488	5338773	<0.005	Brownish green fine-grained volcanic with minor disseminated pyrite and pyrite, mo in fractures.	19-Oct-16	RDB
177466	573485	5338821	<0.005	Fine-grained grey mafic volcanic highly fractured with 10% very fine grained pyrite dssm.	19-Oct-16	RDB
177467	573505	5338829	<0.005	Greenish gray porphyry with minor disseminated pyrite fine-grained. Chl-carb altered	19-Oct-16	RDB
177468	573508	5338807	<0.005	Contact of porphyry and other unit which looks like a breccia. (Photo) sample is at/bear contact. Fine-medium grained with tiny q-c stringers containing sulphides. Min py. Light green grey.	19-Oct-16	RDB

Appendix: 2016 Prospecting Program Goodfish Kirana Property

Sample	Easting	Northing	Au	Description	Date	Sampler
177469	573535	5338885	0.006	Light gray brown very fine grained strong carbonate alteration. Quartz carbonate stringers 1 cm disseminated pyrite in stringers 10%	19-Oct-16	RDB
177470	573518	5338906	<0.005	Grey fine-grained volcanic with strong carb alteration, highly fractured minor to 1% pyrite.	19-Oct-16	RDB
177471	573532	5338927	0.007	Sheared gabbro with 20% very fine grained pyrite disseminated mod-str carb alteration. Trench	19-Oct-16	RDB
177472	573533	5338986	<0.005	Medium grained dark green gabbro. Disseminated minor pyrite pyrite up to 5% along fractures, moderately fractured, moderate carbonate alteration.	19-Oct-16	RDB
177473	573472	5338996	<0.005	Medium greened dark gray gabbro with 3% pyrite disseminated mod carbonate concentrated in fractures.	19-Oct-16	RDB
177474	573475	5339014	<0.005	Sheared gabbro Gray strong carbonate alteration. Minor disseminated sulphides. Gabbro is fine to medium grained.	19-Oct-16	RDB
177475	573474	5338891	<0.005	Dark gray mafic fine to medium grained with seams of carbonate quartz veinlets. Seams of Hematite/sphal 1 mm, minor pyrite.	19-Oct-16	RDB
177476	573446	5338871	0.008	Strong carb altered porphyry with min py. Quartz eyes throughout. Greenish red- grey.	19-Oct-16	RDB
177477	573481	5338837	0.005	Fine to medium grained Mafic with 5% dssm pyrite strong carb alteration	19-Oct-16	RDB
177478	573593	5338085	0.014	Qtz carb breccia with 5% py euhedral disseminated. Grey.	20-Oct-16	RDB
177479	573065	5337750	0.812	Trenches with qtz carb veins. Multiple shears 10 cm at 229/67 5% fngr py fngr mv	20-Oct-16	RDB

Appendix: 2016 Prospecting Program Goodfish Kirana Property

Sample	Easting	Northing	Au	Description	Date	Sampler
177480			>10.000	STANDARD CDN-GS-20A		
177481	574684	5339867	0.01	QFP with mod greenish sericite, mod carb, 5-10% chunky med grained to pegmatitic pyrite, muckpile of pit (sub-crop), in outcrop of trench QFP is trending approx 65/60	22-Oct-16	JLB
177482	574685	5339868	0.011	QV + carb + kspar, minor mo or gal in same rock type as above, muckpile of pit, sub-crop, in outcrop of trench qvs are perpendicular to strike, weak stockwork, most qvs are barren	22-Oct-16	JLB
177483	574581	5338910	<0.005	Outcrop in old pit, pillows intermediate volcanic or bleached mafic volcanic, 1-3% chunky py sporatic in fractures, silicified, weak to mod carb weakly sheared	23-Oct-16	JLB
177484	574581	5338910	0.229	Same as above, loose under tree root, sub-crop in place, 3-5% py	23-Oct-16	JLB
177485	574590	5338897	<0.005	Mafic volcanic, f-mg, dark green grey, more massive than outcrop in pit, some quartz flooding with 3-5% py in local part of outcrop	23-Oct-16	JLB
177486	574654	5337788	0.008	Volcanic, highly fractured, strong carb, put crumbs in bag, outcrop in road	23-Oct-16	JLB
177487	574312	5338092	0.057	Mafic volcanic pillows, mod carb, 5% py 260/82, northern gold trench outcrop	23-Oct-16	JLB
177488	578409	5337275	0.061	Gabbro, med-cg with quartz flooding, locally 1% py, outcrop in large newer trench near shaft	24-Oct-16	JLB
177489	578404	5337269	1.212	Quartz-carb vein with rusty gossan, 10cm wide, trench outcrop, 50% py, 245 deg locally/ dip approx 75 but is variable	24-Oct-16	JLB
177490	578402	5337252	0.469	QV with 20-30% py, sub-crop in muckpile of shaft, rusty	24-Oct-16	JLB
177491	578494	5337305	0.464	Quartz-carb, modly rusty, trench outcrop, part of fold nose, 30-40% py, edge of 1m wide qv	24-Oct-16	JLB

Appendix: 2016 Prospecting Program Goodfish Kirana Property

Sample	Easting	Northing	Au	Description	Date	Sampler
177492	578785	5336827	<0.005	Felsic vein with chunky cpy, loose edge of shaft, some malachite stain on fracture face of felsic vein, vein is 0.5cm wide, pinkish white	24-Oct-16	JLB
177493	578782	5336824	<0.005	Felsic with light pink and chlorite fractures, seams of cpy +mm qtz veinlets, sub-crop at shaft	24-Oct-16	JLB
177494	578792	5336822	<0.005	Diorite?, mulched up, weakly sheared, very fine py in quartz rich band, sub-crop at shaft	24-Oct-16	JLB
177495	577534	5338365	0.006	Mafic volcanic/Gabbro?, f-mg, green-grey, mm-scale quartz-carb veinlets, rusty fractures, 5% py	25-Oct-16	JLB
177496	577373	5338440	0.008	Intermediate volcanic-pillows?, fg, grey, silicified, 5% py, chert-like, at contact with mulched up cg-peg gabbro?, two rock types are fragmented within each other in blocky contacts	25-Oct-16	JLB
177497	577398	5338431	0.007	Volcanic breccia, silicified, part melted, sulfides replacing crystals, fragments of chert, see photos, 5% fine py, fault 345 deg and displaced 2m east of sample	25-Oct-16	JLB
177498	577419	5338431	0.01	Rusty gossan, silicified gabbro?, contact possibly, 5% py, 0.5% po, PGE potential, 210/55 chert layer	25-Oct-16	JLB
177499	577425	5338432	0.006	Rusty gossan, fg, grey, gabb?, sed?, don't know, has py, po and cpy 5%, 30/75	25-Oct-16	JLB
177500			0.82	STANDARD OREAS 203		

Appendix B: Standard Reference Materials (SRM's) and Blanks

Appendix: 2016 Prospecting Program Goodfish Kirana Property

Goodfish Kirana Rock Sampling - October 2016

Standard Reference Materials (SRM's) - Key Assays

Sample No.	Reference Lab Assay	Actual Assay	SRM ID
177320	4.26 +/- 0.22	4.114	STANDARD CDN-GS-4C
177390	2.197	2.173	STANDARD OREAS 206
177430	0.34	0.324	STANDARD OREAS 200
177480	21.12 +/- 0.54	>10.000	STANDARD CDN-GS-20A
177500	0.871	0.82	STANDARD OREAS 203
177340	0	<0.005	BLANK
177370	0	<0.005	BLANK
177410	0	<0.005	BLANK
177450	0	0.01	BLANK
177460	0	<0.005	BLANK

Appendix C: Daily Field Log

Daily Field Log for October Prospecting

Written by Prospector Jessica Bjorkman

October 12, 2016

Drove from Atikokan to Timmins.

October 13, 2016

Drove from Timmins to Kirkland Lake. Checked into hotel room at Microtel and change rooms as room was tiny. Met Tom Neelands (Consultant for Champagne), went for lunch, then for property orientation.

October 14, 2016

The prospectors looked in area of Shaft No. 1 and 2, behind landowner Bill Foss's house. Bill is trying to sell his land which would be an ideal location to base Champagne's operations as it already has a storage garage and covers the main mine from Shaft No. 1. After studying old diagrams and maps, it clearly showed both shafts north of the east-west road, not south of it. This was supported by what was found in the bush. There are cement foundations, several ventilation pipes, vertical drill collars, cable, hoist, etc. near Shaft No. 1, but it is hard to determine where exactly the shaft was as all shafts on the property have been filled in. There is a trench near where the No. 1 shaft should be with barbed wire and a 5/8" cable going into the ground, as well as a cement foundation pieces with poles in them. The outcrop here has carbonate altered mafic volcanic with a quartz vein and sheared outcrop with pyrite and more locally chalcopyrite mineralization which was sampled. The No. 1 shaft has extensive workings and muckpiles surrounding it. No. 2 shaft seems to have an obvious location. There are several trenches north of the east-west road surrounding the two shafts.

October 15, 2016

We looked at the Shaft No. 3, 4 and 5 areas and located probable locations for all of these. In the morning, we found the Shafts 3 and 4 and sampled the muckpiles. At Shaft 3, the muckpile has been dug up by a landowner building a new road (the road probably follows an old trail), which made the rock much more accessible to look at. There were several piles of wasterock and a cement foundation to the north of these along the trail. I sampled the area east of the highway from Shaft 3 south to where the QFP outcrops on the side of the highway. There were several exploration trenches in this area, but very little outcrop. Ruth located and sampled Shaft No. 4 and area.

After lunch, we the prospectors went to the Shaft No. 5 area. There are a few large piles of broken rocks which are probably from Shaft No. 5 at 573750 E 5339840 N. The rock was carbonate altered mafic volcanic, quartz flooded with 3-20% pyrite in places. Ruth found several trenches west of here which she sampled.

Appendix: 2016 Prospecting Program Goodfish Kirana Property



At Shaft No. 3 taking a sample

October 16, 2016

We looked at areas between Shaft 5 and 4 and between Shaft 3 and 1. In the morning we located some old pits/trenches indicated on an historical map. Most of these have been flooded due to the beaver dam. The rock was an intermediate volcanic with a volcanic breccia with up to 3 % pyrite.



In the afternoon, we started at the Goodfish Road and worked our way south towards Shaft No. 1. There is extensive trenching, some of it exploratory some of it with mineralized outcrop. Noted QFP in outcrop of some trenches. Part of this trend with the trenches has been disrupted by a land owner's land development.

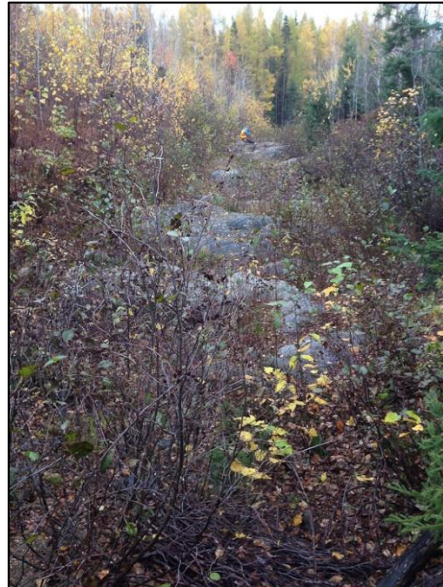
Appendix: 2016 Prospecting Program Goodfish Kirana Property

October 17, 2016

Worked in the Kirana Break area starting at the Highway of what Tom Neelands called the Sucker Zone, where there's a wide shear zone with strong carb alteration and massive pyrite in places. Jessica sampled the north side of the highway. In the afternoon, we worked our way east through a newly developed property. There are several large trenches east of the land owner's property that have been done fairly recently. Here you can clearly see the volcanic breccia, feldspar porphyry, pillowed outcrop, carb altered mafic volcanics, etc. The bedrock uncovered in the land owner's yard had some nicely mineralized carb altered pillows which were sampled.



The Rusty Gossan pyrite zone along the Kirana Break which is not anomalous in gold.
Below: The Northern Gold Trench in volcanic breccia along the Kirana Break Zone.



Appendix: 2016 Prospecting Program Goodfish Kirana Property

October 18, 2016

Spent the morning doing data entry as it was raining out. In the afternoon located and sampled two historical shafts indicated east of the Highway on the Kirana Break. Muckpiles seemed void of any mineralization. Was able to find some mineralized rock with up to 5% mostly fine pyrite in intermediate volcanic, in the outcrop of the shaft wall which I sampled.

October 19, 2016

Did a loop traverse beginning at the cottage road heading east towards Shaft No. 2. Found more trenches to sample and some mineralized outcrop near the Shaft which I sampled. Continued east to highway then south (west of highway). There were a few more historical trenches here which I sampled. Continued back west towards cottage road where I ended the day.



Starting a lunch fire to keep warm

October 20, 2016

Toured Tom Setterfield to all the shafts that had been located to date, as well as a few mineralized zones in trenches just south of Shaft No. 3 and along Kirana Break east of highway where Northern Gold had extensive trenching exposing volcanic breccia.

Appendix: 2016 Prospecting Program Goodfish Kirana Property



Ruth examining a rock, Tom taking notes

October 21, 2016

Ruth and Tom drove to North Bay where Ruth flew home and Tom continued home to Ottawa. I spent some time in the morning trying to locate two drill collars without any success. Spent the rest of the day prospecting more of the area near Shaft No. 1 and 2 where I found another trench behind a landowner's garage with a quartz vein.

October 22, 2016

In the morning looked for the shaft shown on an old government geology map to the North-northwest of Shaft No. 5. Finally found shaft after circling area; the old geology map was helpful for approx. location.



Shaft was at edge of outcrop and esker. Timbers were still intact at the shaft. Shaft is approx. 1.2 by 2.4 metres wide. Looks like area was disturbed and dug up with a machine and there is an old road that heads south from a driveable gravel road and ends at the shaft. The old road accessing the shaft would need to be cut out before being driveable; however, probably an ATV could be used with minimal work.



Outcrop is Quartz Feldspar Porphyry and Mafic to Intermediate Volcanic. Could not find any mineralization or broken rock muckpiles, only dirt and rounded rock/glacial till around.

Appendix: 2016 Prospecting Program Goodfish Kirana Property



Having some tea by the fire, snowy day but it turned out sunny.

Spent rest of afternoon looking at 2 pits near airport. Northern one had better mineralization; both were mostly barren, weakly sheared, QFP with barren quartz veins. In a few places could find up to 5% pyrite. QFP was approx. trending 065 degrees dipping 60 degrees DIRECTION? in pit wall.

October 23, 2016

Spent the morning doing the north south trend of pits and trenches between the West side of the airport and the Shaft on Kirana Break. There are several trenches south of the highway which are mostly test trenches in the glacial till, one of these was 100 metres long. Couldn't see any good rock though. Searched for 3 pits in area marked on historical map along this trend. Found two of them, probably could've found third but didn't want to spend too much time looking. Most southerly pit is weakly sheared silicified, moderately carbonatized altered pillows with pyrite. Middle pit in flooded beaver pond. Northern pit not found. Some DDH Collars lying on side of road to north.

Spent remainder of the day east of trenches on Kirana Break. There's very little outcrop and most outcrop is barren. Sampled some strongly fractured, carbonate altered outcrop in roadbed. Not sure if mineralized as it is so altered. Raining at end of day so went in half an hour early.

Appendix: 2016 Prospecting Program Goodfish Kirana Property

October 24, 2016

Spent the day looking for the Hargreaves and Kirgood Shafts at the Southeastern tip of the Property. Was able to drive right to the Hargreaves Shaft; however, there is a long stretch – perhaps 100 metres or more – of flooded road which gets quite deep at one point.

Northern Gold had done a huge trench around the shaft area which they had channel sampled. It is unclear where exactly the shaft is due to the recent disturbance. I sampled both outcrop and muckpile around the shaft and did a short traverse in the area. There are some cement foundations in the area. Sampled the Northern Gold Trench to the east where the quartz vein fold nose had semi-massive pyrite.



Kirgood Shaft

Spent the remainder of the day looking for the Kirgood Shaft which I was able to locate and sample. The timbers are still good on it and it's a bit dangerous. Chalcopyrite was main mineralization. Got out quite late (at dark).



These tasted good after a long day in the cold.

Appendix: 2016 Prospecting Program Goodfish Kirana Property

October 25, 2016

Spent the day in the area that Terry Link wanted drilled near the Link Zone. Was able to locate a drill pad location and ribbon a road in. Could not put pad as far southeast as Tom Setterfield would've liked as the swamp was black muck. Located and gps'd some of the drill collars; however, couldn't find a few of them. Sampled the Northern Gold Trench quickly, however, it should be sampled in more detail. Once again finished around dark. Began the drive home.



Possible location for drill hole

October 26, 2016

Drove from Hearst to Thunder Bay where I dropped off the samples at Accurassay Labs.

Appendix D: Trench Data

Appendix: 2016 Prospecting Program Goodfish Kirana Property

Waypoint	Easting	Northing	Label	Description
74	573765	5338708	Trench	Historic trench containing high grade gold, 7m long, approx. 1.5m wide
61	574190	5337785	Trench	Pit 2m by 2m, outcrop is carb altered porphyry
82	574446	5339070	Trench	Pit 1m by 2.5m, beaver dam has obliterated main pit here
83	574384	5339114	Trench	Test trench
84	574400	5339089	Trench	Test trench
87	578290	5337267	Trench	Small test trench 10 metres long by 1 m wide
88	578290	5337319	Trench	Test trench with Feldspar Porphyry similar to Waypoint 86, lots of metal garbage
70	574128	5338056	Trench	Channel Samples 71921, 71922 in Northern Gold Trench
71	574133	5338020	Trench	South end of the Northern Gold Trench, volcanic breccia
72	573081	5337757	Trench	Northern Gold trench, northern extent of volcanic breccia between Waypoint 71 and 72
77	574704	5339650	Trench	Deep trench 3 metres deep in glacial till, Western edge outcrop is intermediate, fgr grey volcanic with no sulfide
78	574725	5339650	Trench	East end of deep trench approx. 20 metres east of Wpt 77, in glacial till, no outcrop
79	574695	5339612	Trench	North end of long 1-2 metre wide and 1 metre deep trench
80	574688	5339586	Trench	Middle of Trench WPT 79
81	574690	5339545	Trench	South end of same trench in glacial till, few places can see intermediate to mafic volcanic pillows outcrop with no sulfide
93	577454	5338413	Trench	Northern Gold stripped outcrop
94	577438	5338400	Trench	Northern Gold stripped outcrop other end of Wpt 93
108	577369	5338447	Trench	West end with massive fresh pillows next to altered rock
177351	573697	5338728	Trench	
177353	573701	5338744	Trench	Same trench as 177351, South end
177356	573673	5338781	Trench	Trench 1m wide by 7m long
177357	573659	5338763	Trench	

Appendix: 2016 Prospecting Program Goodfish Kirana Property

Waypoint	Easting	Northing	Label	Description
177358	573647	5338757	Trench	Trench approx. 10 metres long by 2 m wide, trending approx. 145 degrees
177360	573555	5338718	Trench	Trench approx. 2m wide by 5m
177367	573787	5339097	Trench	Trench from highway or exploration?
177383	573904	5339685	Trench	East end of old trench 5m long by 1m wide
177385	573735	5339095	Trench	Several large trenches
177387	573739	5339101	Trench	Several large trenches
177388	573730	5339088	Trench	Several large trenches
177391	573656	5338961	Trench	Several large trenches
177398	573729	5338099	Trench	
177405	574256	5338084	Trench	Northern Gold stripped outcrop
177406	574270	5338071	Trench	Northern Gold stripped outcrop
177415	572956	5339202	Trench	Trench on side of cottage road, oriented at 75 degrees
177416	573505	5338735	Trench	
177427	573673	5338563	Trench	North end of a 10-15 metre long trench 1 metre wide
177433	573084	5337758	Trench	Middle of large stripped outcrop by Northern Gold
177439	573653	5338775	Trench	
177441	573647	5338750	Trench	Trench oriented approx 340 deg
177442	573647	5338756	Trench	
177448	574693	5339851	Trench	Pit 4 m by 4 m by 1.5 m deep
177481	574684	5339867	Trench	Pit 3 m by 4 m by 2 m deep
177483	574581	5338910	Trench	Old pit 1 m by 3 m
177487	574312	5338092	Trench	Northern Gold Trench stripped outcrop
177488	578409	5337275	Trench	Large stripped area for Northern Gold Trench
177489	578404	5337269	Trench	Large stripped area for Northern Gold Trench
177491	578494	5337305	Trench	Large stripped area for Northern Gold Trench

Appendix: 2016 Prospecting Program Goodfish Kirana Property

Waypoint	Easting	Northing	Label	Description
177496	577373	5338440	Trench	Large stripped area for Northern Gold Trench
177497	577398	5338431	Trench	Large stripped area for Northern Gold Trench
177498	577419	5338431	Trench	Large stripped area for Northern Gold Trench
177499	577425	5338432	Trench	Large stripped area for Northern Gold Trench
177306	573650	5338698	Trench	2x2m pit
177311	573531	5338760	Trench	3m deep x 7m long
177312	573573	5338756	Trench	7m trench
177313	573600	5338765	Trench	Pit 2m wide
177317	573699	5339240	Trench	Cement forms near shaft, 3Trenches with no outcrop
177318	573761	5339349	Trench	Muck pile in middle of swamp
177324	573714	5339782	Trench	Pit
177326	573689	5339902	Trench	pit
177327	573674	5340020	Trench	Trench 5m long
177331	573885	5339799	Trench	Muck pile possible shaft in trench.
177333	573726	5339035	Trench	Trench 15m long mostly north-south trend
177334	573716	5339048	Trench	trench.
177336	573711	5339027	Trench	Muck pile
177337	573707	5339012	Trench	Muck pile
177338	573680	5338997	Trench	Pit wall 2 m deep 3m long.
177339	573699	5338836	Trench	Trench 10 m long.
177342	573766	5338048	Trench	Gossan beside pit
177349	573822	5338077	Trench	blasted area
177451	573901	5338078	Trench	Beside pit in Muck pile
177452	573926	5338081	Trench	pit
177453	574134	5338048	Trench	Trench 50m long

Appendix: 2016 Prospecting Program Goodfish Kirana Property

Waypoint	Easting	Northing	Label	Description
177456	574343	5338040	Trench	From trench wall
177462	573501	5338774	Trench	Pit
177471	573532	5338927	Trench	Trench
177479	573065	5337750	Trench	Trenches with qtz carb veins. Multiple shears 10 cm at 229/67

Appendix E: Statement of Qualifications

Statement of Qualifications

I, Jessica L. Bjorkman, do hereby certify :

I am a resident of Hutchinson Township (mining claim E-102),
Rainy River District, Ontario, Canada with address Box 338, 225
Whiskeyjack Road, Atikokan Ontario P0T1C0

I have been engaged in base and precious metal exploration as a
prospector since 1997.

I hold a current valid prospector's license, Lic # E34360.





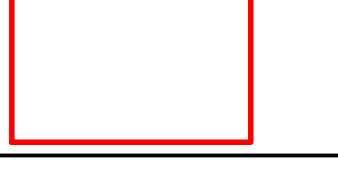
Signature: 

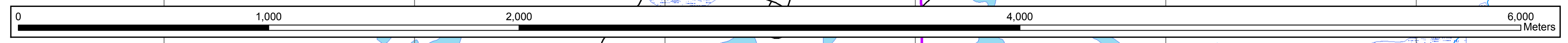
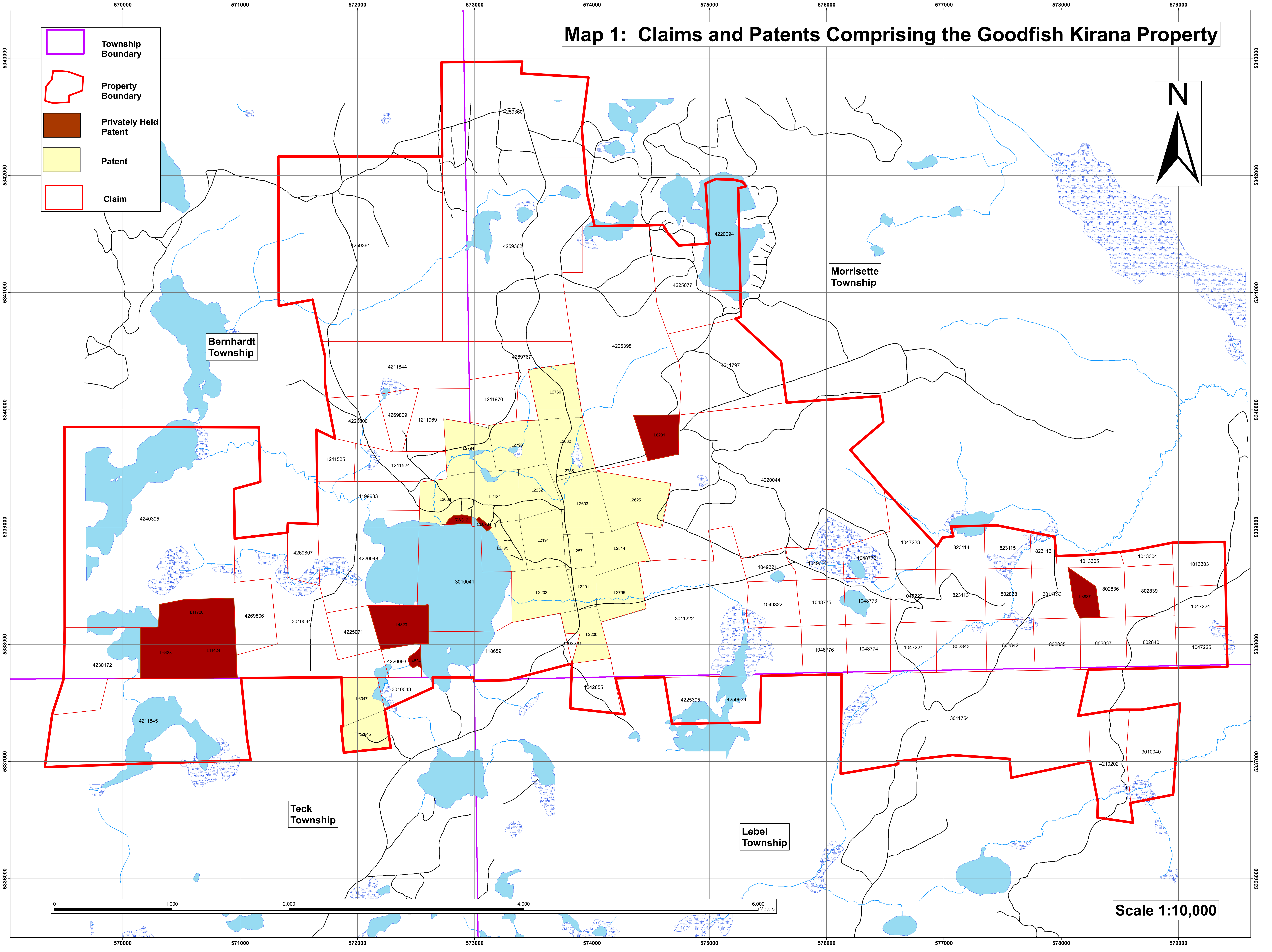
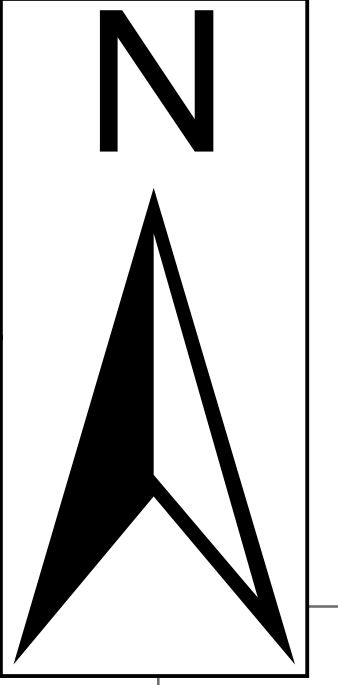
Name: Jessica L. Bjorkman

Date: January 3, 2017

Appendix F: Maps 1-4

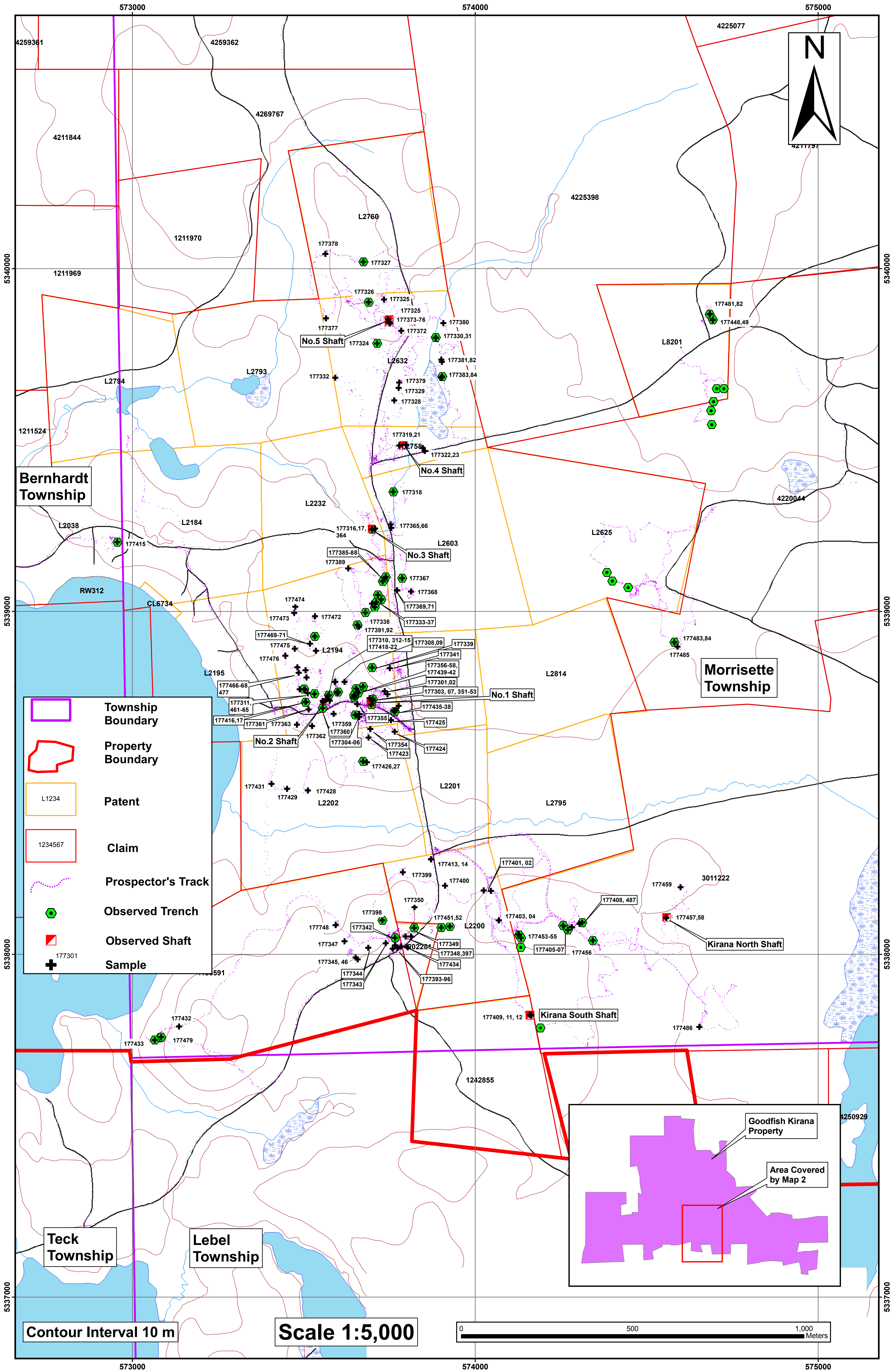
Map 1: Claims and Patents Comprising the Goodfish Kirana Property

-  Township Boundary
-  Property Boundary
-  Privately Held Patent
-  Patent
-  Claim

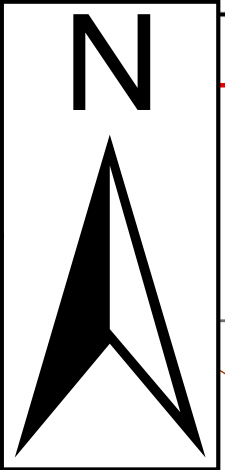


Scale 1:10,000

Map 2: Samples Collected, Shafts and Trenches Observed, Goodfish Area



Map 3: Samples Collected, Shafts and Trenches Observed, NW Goodfish Kirana Property



5342000

5342000

5341000

5341000

572000

573000

572000

573000

4259360

177444

177445

177446

177447

4259361

Bernhardt Township

Morrisette Township

	Township Boundary
	Property Boundary
	Patent
	Claim
	Prospector's Track
	Observed Trench
	Observed Shaft
	Sample

Contour Interval 10 m

Scale 1:5,000

4211844

4269767

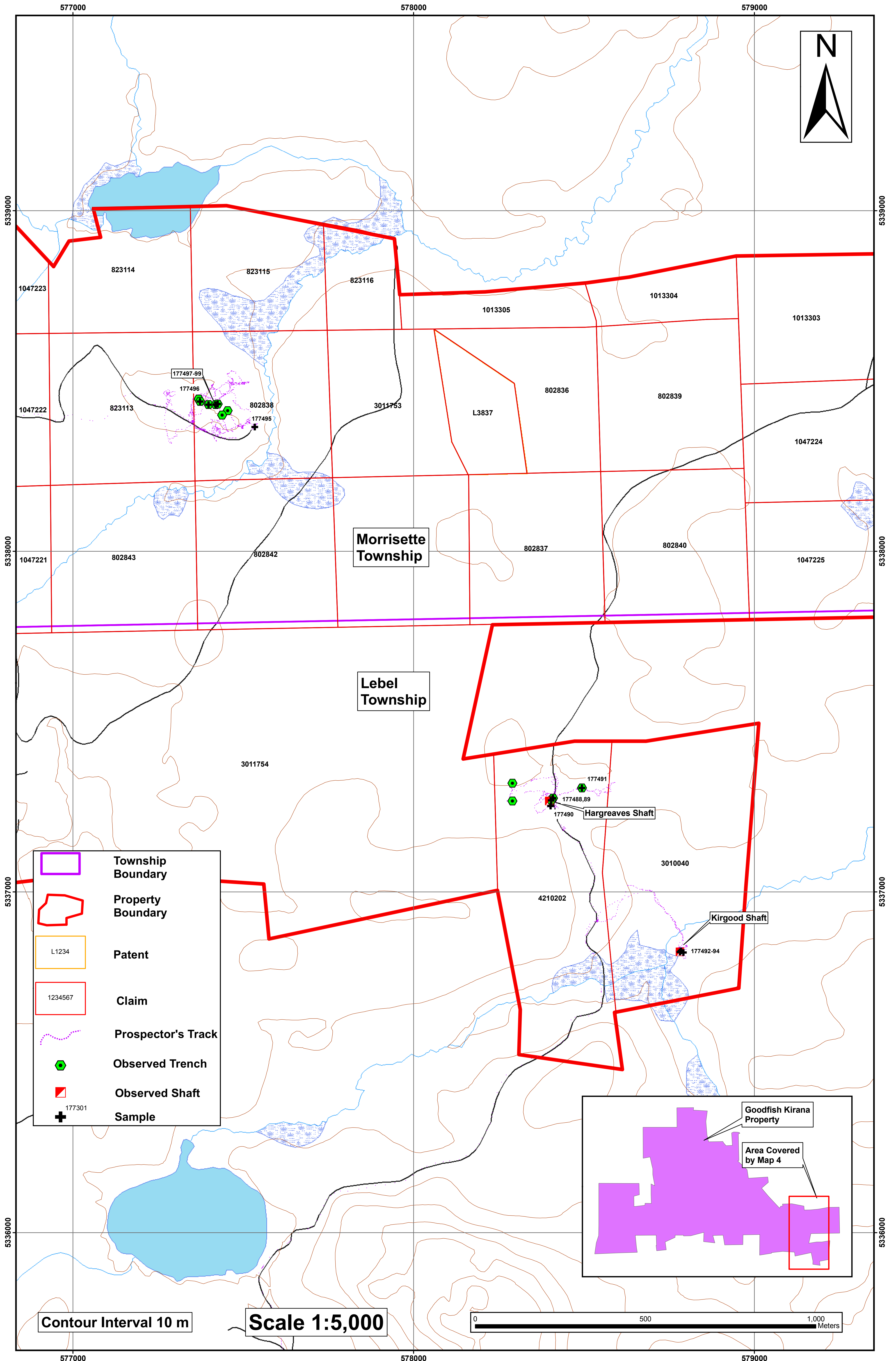
L2760

1211970

Area Covered by Map 3

Goodfish Kirana Property

Map 4: Samples Collected, Shafts and Trenches Observed, SE Goodfish Kirana Property



Appendix G - Accurassay Certificates

Tuesday, November 15, 2016

Final Certificate

 Champagne Resources Ltd.
 401 Bay St Suite 2702 P.O Box 136
 Toronto, ON, CAN
 M5H2Y4
 Ph#: (416) 414-7011
 Email: dspethmann@champangeresources.com

 Date Received: 10/28/2016
 Date Completed: 11/15/2016
 Job #: 201642232
 Reference:
 Sample #: 192


Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Au Grav ppm	Cu ppm	Ni ppm
228040	177301	0.009					
228041	177302	0.017					
228042	177303	1.264					
228043	177304	0.294					
228044	177305	0.122					
228045	177306	0.006					
228046	177307	5.794					
228047	177308	0.072					
228048	177309	0.007					
228049	177310	0.006					
228050	177310 Dup	0.007					
228051	177311	0.011					
228052	177312	<0.005					
228053	177313	0.029					
228054	177314	0.924					
228055	177315	0.099					
228056	177316	0.467					
228057	177317	0.747					
228058	177318	0.016					
228059	177319	0.068					
228060	177320	4.114					
228061	177320	Insufficient Sample					
228062	177321	0.233					
228063	177322	0.045					
228064	177323	<0.005					

APPLIED SCOPES: ALP1, ALFA1, ALPG1, ALCuAR1, ALNiAR1, ALFA7

Validated By:


 Andrew Oleski
 Lab Manager - Thunder Bay

Certified By:


 Jason Moore, VP Operations, Assayer

Authorized By:


 Derek Demianiuk, VP Quality

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 Date Completed: 11/15/2016
 Job #: 201642232
 Reference:
 Sample #: 192

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Au Grav ppm	Cu ppm	Ni ppm
228065	177324	<0.005					
228066	177325	1.145					
228067	177326	0.512					
228068	177327	0.010					
228069	177328	<0.005					
228070	177329	<0.005					
228071	177330	0.062					
228072	177330 Dup	0.063					
228073	177331	<0.005					
228074	177332	<0.005					
228075	177333	>10.000			53.247		
228076	177334	3.730					
228077	177335	1.347					
228078	177336	0.029					
228079	177337	7.962					
228080	177338	0.066					
228081	177339	0.007					
228082	177340	<0.005					
228083	177340 Dup	<0.005					
228084	177341	0.006					
228085	177342	0.060					
228086	177343	0.224					
228087	177344	0.018					
228088	177345	0.014					
228089	177346	0.005					

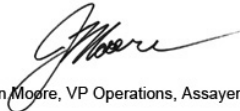
APPLIED SCOPES: ALP1, ALFA1, ALPG1, ALCuAR1, ALNiAR1, ALFA7

Validated By:



 Andrew Oleski
 Lab Manager - Thunder Bay

Certified By:



Jason Moore, VP Operations, Assayer

Authorized By:



Derek Demianiuk, VP Quality

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 Date Received: 10/28/2016
 Date Completed: 11/15/2016
 Job #: 201642232
 Reference:
 Sample #: 192

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Au Grav ppm	Cu ppm	Ni ppm
228090	177347	0.088					
228091	177348	0.021					
228092	177349	0.025					
228093	177350	0.007					
228094	177350 Dup	0.007					
228095	177351	0.007					
228096	177352	1.676					
228097	177353	0.290					
228098	177354	0.007					
228099	177355	0.166					
228100	177356	<0.005					
228101	177357	0.058					
228102	177358	0.017					
228103	177359	0.016					
228104	177360	0.074					
228105	177360 Rep	0.071					
228106	177361	0.048					
228107	177362	0.020					
228108	177363	<0.005					
228109	177364	<0.005					
228110	177365	<0.005					
228111	177366	0.007					
228112	177367	<0.005					
228113	177368	0.005					
228114	177369	<0.005					

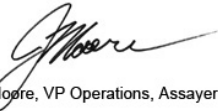
APPLIED SCOPES: ALP1, ALFA1, ALPG1, ALCuAR1, ALNiAR1, ALFA7

Validated By:



 Andrew Oleski
 Lab Manager - Thunder Bay

Certified By:



Jason Moore, VP Operations, Assayer

Authorized By:



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 Date Received: 10/28/2016
 Date Completed: 11/15/2016
 Job #: 201642232
 Reference:
 Sample #: 192

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Au Grav ppm	Cu ppm	Ni ppm
228115	177370	<0.005					
228116	177370 Dup	<0.005					
228117	177371	0.006					
228118	177372	0.113					
228119	177373	<0.005					
228120	177374	0.331					
228121	177375	4.060					
228122	177376	1.247					
228123	177377	0.009					
228124	177378	<0.005					
228125	177379	<0.005					
228126	177380	<0.005					
228127	177380 Dup	<0.005					
228128	177381	<0.005					
228129	177382	<0.005					
228130	177383	<0.005					
228131	177384	<0.005					
228132	177385	0.607					
228133	177386	>10.000			16.829		
228134	177387	3.084					
228135	177388	>10.000			143.617		
228136	177389	0.272					
228137	177390	2.173					
228138	177390	Insufficient Sample					
228139	177391	0.026					

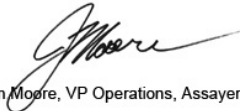
APPLIED SCOPES: ALP1, ALFA1, ALPG1, ALCuAR1, ALNiAR1, ALFA7

Validated By:



 Andrew Oleski
 Lab Manager - Thunder Bay

Certified By:



Jason Moore, VP Operations, Assayer

Authorized By:



Derek Demianiuk, VP Quality

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 Date Received: 10/28/2016
 Date Completed: 11/15/2016
 Job #: 201642232
 Reference:
 Sample #: 192

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Au Grav ppm	Cu ppm	Ni ppm
228140	177392	0.299					
228141	177393	0.006					
228142	177394	0.158					
228143	177395	0.014					
228144	177396	0.017					
228145	177397	0.007					
228146	177398	0.024					
228147	177399	<0.005					
228148	177400	0.336					
228149	177400 Dup	0.355					
228150	177401	0.007					
228151	177402	2.056					
228152	177403	0.032					
228153	177404	0.014					
228154	177405	0.210					
228155	177406	0.018					
228156	177407	0.065					
228157	177408	0.237					
228158	177409	0.413					
228159	177410	<0.005					
228160	177410 Dup	<0.005					
228161	177411	8.945					
228162	177412	0.176					
228163	177413	0.173					
228164	177414	0.011					

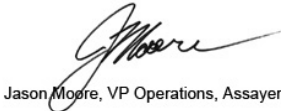
APPLIED SCOPES: ALP1, ALFA1, ALPG1, ALCuAR1, ALNiAR1, ALFA7

Validated By:



 Andrew Oleski
 Lab Manager - Thunder Bay

Certified By:



Jason Moore, VP Operations, Assayer

Authorized By:



Derek Demianiuk, VP Quality

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 Date Received: 10/28/2016
 Date Completed: 11/15/2016
 Job #: 201642232
 Reference:
 Sample #: 192

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Au Grav ppm	Cu ppm	Ni ppm
228165	177415	0.111					
228166	177416	0.015					
228167	177417	0.172					
228168	177418	0.206					
228169	177419	8.396					
228170	177420	0.034					
228171	177420 Rep	0.022					
228172	177421	0.490					
228173	177422	0.084					
228174	177423	<0.005					
228175	177424	0.010					
228176	177425	<0.005					
228177	177426	0.005					
228178	177427	0.037					
228179	177428	0.012					
228180	177429	0.085					
228181	177430	0.324					
228182	177430	Insufficient Sample					
228183	177431	0.044					
228184	177432	0.010					
228185	177433	1.192					
228186	177434	0.027					
228187	177435	<0.005					
228188	177436	0.988					
228189	177437	>10.000			220.027		

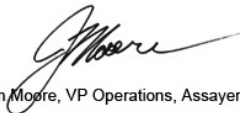
APPLIED SCOPES: ALP1, ALFA1, ALPG1, ALCuAR1, ALNiAR1, ALFA7

Validated By:



 Andrew Oleski
 Lab Manager - Thunder Bay

Certified By:



Jason Moore, VP Operations, Assayer

Authorized By:



Derek Demianiuk, VP Quality

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 M5H2Y4
 Ph#: (416) 414-7011
 Email: dspethmann@champangeresources.com

 Date Received: 10/28/2016
 Date Completed: 11/15/2016
 Job #: 201642232
 Reference:
 Sample #: 192

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Au Grav ppm	Cu ppm	Ni ppm
228190	177438	4.885					
228191	177439	0.090					
228192	177440	0.033					
228193	177440 Dup	0.035					
228194	177441	2.486					
228195	177450	0.010					
228196	177451	0.056					
228197	177452	0.035					
228198	177453	<0.005					
228199	177454	1.577					
228200	177455	0.049					
228201	177456	0.015					
228202	177457	0.007					
228203	177458	<0.005					
228204	177458 Dup	<0.005					
228205	177459	<0.005					
228206	177460	<0.005					
228207	177461	<0.005					
228208	177462	<0.005					
228209	177463	<0.005					
228210	177464	<0.005					
228211	177465	<0.005					
228212	177466	<0.005					
228213	177467	<0.005					
228214	177468	<0.005					

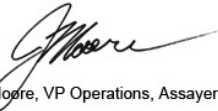
APPLIED SCOPES: ALP1, ALFA1, ALPG1, ALCuAR1, ALNiAR1, ALFA7

Validated By:



 Andrew Oleski
 Lab Manager - Thunder Bay

Certified By:



Jason Moore, VP Operations, Assayer

Authorized By:



Derek Demianiuk, VP Quality

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 M5H2Y4
 Ph#: (416) 414-7011
 Email: dspethmann@champangeresources.com

 Date Received: 10/28/2016
 Date Completed: 11/15/2016
 Job #: 201642232
 Reference:
 Sample #: 192

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Au Grav ppm	Cu ppm	Ni ppm
228215	177468 Dup	<0.005					
228216	177469	0.006					
228217	177470	<0.005					
228218	177471	0.007					
228219	177472	<0.005					
228220	177473	<0.005					
228221	177474	<0.005					
228222	177475	<0.005					
228223	177476	0.008					
228224	177477	0.005					
228225	177478	0.014					
228226	177478 Dup	0.013					
228227	177479	0.812					
228228	177480	>10.000					
228229	177481	0.010					
228230	177482	0.011					
228231	177483	<0.005					
228232	177484	0.229					
228233	177485	<0.005					
228234	177486	0.008					
228235	177487	0.057					
228236	177488	0.061					
228237	177488	Insufficient Sample					
228238	177489	1.212					
228239	177490	0.469					

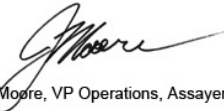
APPLIED SCOPES: ALP1, ALFA1, ALPG1, ALCuAR1, ALNiAR1, ALFA7

Validated By:



 Andrew Oleski
 Lab Manager - Thunder Bay

Certified By:



Jason Moore, VP Operations, Assayer

Authorized By:



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 Date Completed: 11/15/2016
 Job #: 201642232
 Reference:
 Sample #: 192

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Au Grav ppm	Cu ppm	Ni ppm
228240	177491	0.464					
228241	177492	<0.005					
228242	177493	<0.005					
228243	177494	<0.005					
228244	177495	0.006					
228245	177496	0.008					
228246	177497	0.007					
228247	177498	0.010	<0.015	<0.01		425	37
228248	177498 Dup	0.009	<0.015	<0.01		474	44
228249	177499	0.006	<0.015	0.012		224	49
228250	177500	0.820					

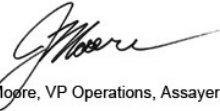
APPLIED SCOPES: ALP1, ALFA1, ALPG1, ALCuAR1, ALNiAR1, ALFA7

Validated By:



 Andrew Oleski
 Lab Manager - Thunder Bay

Certified By:



Jason Moore, VP Operations, Assayer

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 Ph#: (416) 414-7011
 Email: dspethmann@champangeresources.com

 Date Received: 10/28/2016
 Date Completed: 11/15/2016
 Job #: 201642232
 Reference:
 Sample #: 192

Control Standards

QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
WW06	Au	0.991	1.100	0.060
WW06	Au	0.984	1.100	0.060
WW06	Au	0.955	1.100	0.060
WW06	Au	1.043	1.100	0.060
WW06	Au	1.051	1.100	0.060
WW06	Au	0.948	1.100	0.060
WW06	Au	1.030	1.100	0.060
GS37	Au	3.546	3.220	0.210

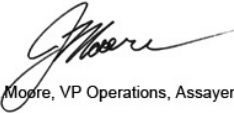
APPLIED SCOPES: ALP1, ALFA1, ALPG1, ALCuAR1, ALNiAR1, ALFA7

Validated By:



 Andrew Oleski
 Lab Manager - Thunder Bay

Certified By:



Jason Moore, VP Operations, Assayer

Authorized By:



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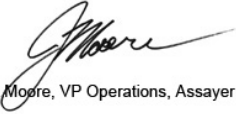
Friday, December 16, 2016

Final CertificateChampagne Resources Ltd.
401 Bay St Suite 2702 P.O Box 136
Toronto, ON, CAN
M5H2Y4
Ph#: (416) 414-7011
Email: dspethmann@champagneresources.comDate Received: 11/03/2016
Date Completed: 11/16/2016
Job #: 201642303
Reference:
Sample #: 8

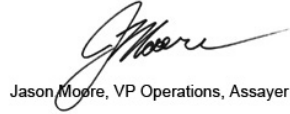
Acc #	Client ID	Au g/t (ppm)
233765	177442	0.144
233766	177443	0.025
233767	177444	<0.005
233768	177445	<0.005
233769	177446	<0.005
233770	177447	<0.005
233771	177448	<0.005
233772	177449	<0.005
233773	177449 Dup	<0.005

APPLIED SCOPES: ALP1, ALFA1

Validated By:


Jason Moore, VP Operations, Assayer

Certified By:


Jason Moore, VP Operations, Assayer

Authorized By:


Derek Demianiuk, VP Quality**The results included on this report relate only to the items tested.****The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.**

Friday, December 16, 2016

Final CertificateChampagne Resources Ltd.
401 Bay St Suite 2702 P.O Box 136
Toronto, ON, CAN
M5H2Y4
Ph#: (416) 414-7011
Email: dspethmann@champagneresources.comDate Received: 11/03/2016
Date Completed: 11/16/2016
Job #: 201642303
Reference:
Sample #: 8**Control Standards**

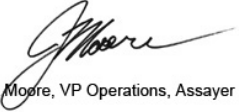
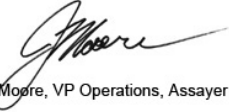
QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
WW06	Au	0.932	1.100	0.060

APPLIED SCOPES: ALP1, ALFA1

Validated By:

Certified By:

Authorized By:


Jason Moore, VP Operations, Assayer
Jason Moore, VP Operations, Assayer
Derek Demianiuk, VP Quality**The results included on this report relate only to the items tested.****The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.**