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West Red Lake Gold Mines Inc.

**SUMMARY REPORT
ON
A DIAMOND DRILLING PROGRAMME 2018**

**ROWAN PROPERTY - Goldcorp JV
Todd Township
Red Lake Mining Division, Ontario
NTS 52 M/1**

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March 2020

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SUMMARY

West Red Lake Gold Mines Inc. (WRLG) (formerly Hy Lake Gold Inc.) optioned the Rowan property from Goldcorp Inc. in 2007. In 2011 WRLG earned a 60% interest in the property and is presently manager of the Joint Venture.

During the period January through December, 2018, West Red Lake Gold conducted 2 diamond drilling programmes on the Rowan Property, Red Lake Mining Division, Ontario. Nine (9) diamond drill holes totalling 2,714 m were completed. The programs were designed to test for depth and strike extensions of known mineralized zones, at the Rowan shaft area as well as other known Au mineralized zones.

The Property is located 16 km west northwest of the Town of Red Lake and is 25 km due west of Goldcorp Inc's Red Lake Mine in Balmertown. The Rowan property consists of 118 contiguous staked, patented and leased claims comprising 139 units. The group consists of 49 staked claims and 68 patented or leased claims. The drilling was completed on the patent claims only.

The main focus of past exploration on the property has been the Rowan Mine area. Gold was discovered in the area in 1928 and work has continued sporadically since that time. Limited surface diamond drilling over the years has resulted in the discovery of several gold-bearing zones in the vicinity of the shaft and elsewhere on the property.

The property is situated at the west end of the Red Lake Greenstone Belt. The belt is comprised of a relatively narrow series of six metavolcanic/metasedimentary supracrustal assemblages intruded by several bodies of variable size, form and composition. All of the assemblages have undergone several phases of deformation and metamorphism. The rocks, of Mesoarchean and Neoproterozoic age, form part of the larger Uchi Subprovince of the Superior Province of the Canadian Shield.

The purpose of the program was to test the depth extension of the historic underground workings, and to confirm the extension of the mineralized zones from the Newman-Todd Structure (NTS) mineralization (to the south on the Confederation Minerals property) on to the Rowan property.

Results were favourable as many holes intercepted mineralization with anomalous to high grade Au assays. The intercepts correspond to extensions of the zones to depth and confirmation and extension of mineralization.

Several future targets present themselves as a result of the current drill program. These targets consist of extension of the Newman-Todd Structure (NTS) following up on the significant gold mineralization intersected during this program.

At the time of the drilling the registered holder of the claims was Red Lake Gold Mines Partnership, comprising Goldcorp Inc. (72%) and Goldcorp Canada Ltd. (28%).

1.0 INTRODUCTION

In 2007 WRLG optioned the Rowan Property from Goldcorp Inc. During the period January 2018 through December 2018, West Red Lake Gold conducted 2 diamond drilling programmes on the Rowan Property, Red Lake Mining Division, Ontario. Nine (9) diamond drill holes totalling 2,714 m were completed.

- One deep hole was drilled to test the depth extension of the Rowan Mine mineralization.
- Eight holes were drilled to test for the extension of the Newman-Todd Structure onto the Rowan property.

The Rowan Vein System is the focus of the property and is a series of en echelon narrow quartz veins with a discontinuous strike length of from 500 to 1000 metres and N/S offset of about 150 metres. This prospect has received multiple phases of underground development and a bulk test in 1984 using a shrinkage mining method produced 610 ounces for a recovered grade of 0.25 opt after a recovery of only 80 %.

The Newman-Todd Structure (NTS) consists of a tabular zone of Quartz-Carbonate rock (Qz-Cb Rock) trending northeast and dipping steeply to the southeast.

2.0 LOCATION AND ACCESS

The Rowan property is situated in Northwestern Ontario, 16 km west northwest of the Town of Red Lake (see Figure 1). The property 25 km due west of Goldcorp Inc's Red Lake Mine in Balmertown.

The property is accessible by road from Red Lake. Turning north onto Nungasser Road from Highway 125 between Red Lake and Cochenour, drive north for 16 km and then turn west onto the Pine Ridge Forest Access Road, a two lane, gravelled woodlands haul road. Travel west for 22 km, then turn south onto the Mount Jamie Mine road, a partially gravelled bush road. Travel a further 23 km (approximately) to the centre of the property.

3.0 CLAIMS AND LAND STATUS

West Red Lake Gold Mines Inc., formerly known as Hy Lake Gold Inc, entered into an Option and Joint Venture Agreement (the "2007 Joint Venture Agreement") with Red Lake Gold Mines, a general partnership of Goldcorp Inc. and Goldcorp Canada Ltd., (the partnership is hereinafter referred to as "Goldcorp") with respect to the Rowan Property effective as of December 5, 2007.

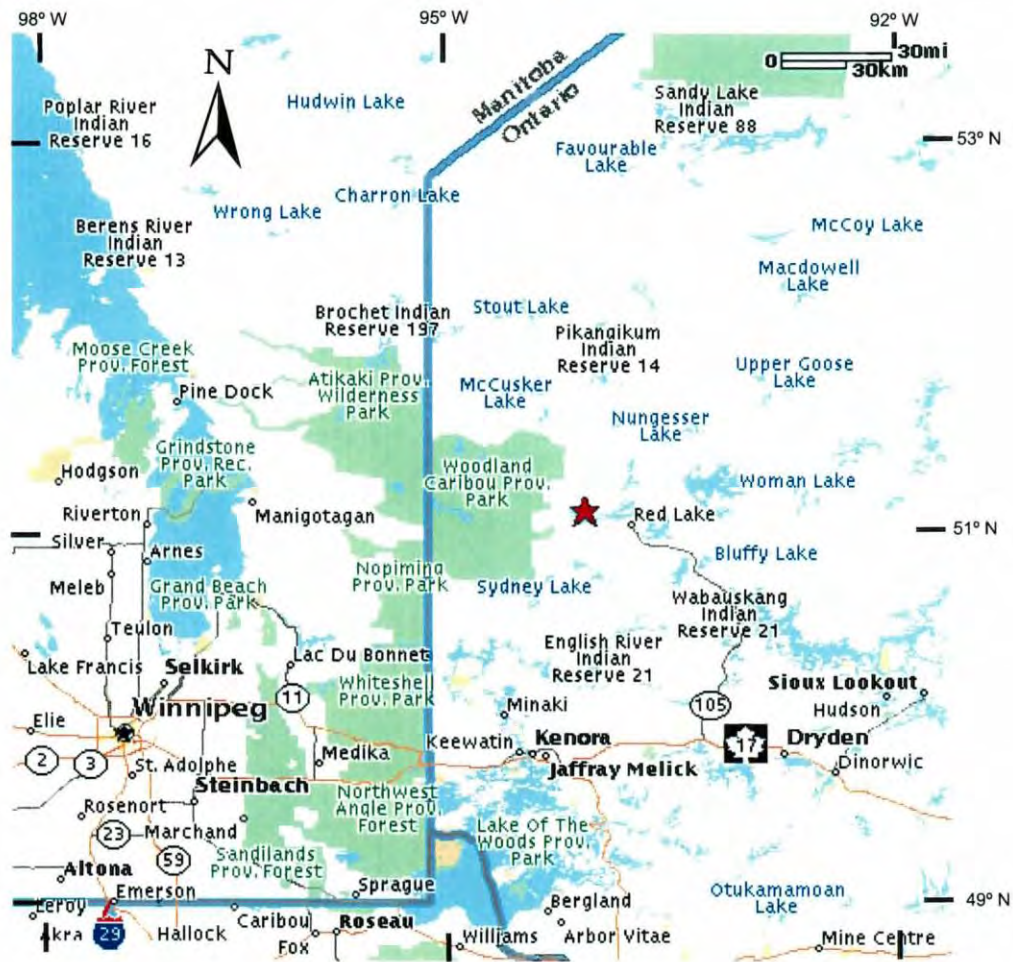


FIGURE: 1
Location Map, Pipestone Bay
Red Lake, Ont

In 2010, the Company exercised its option pursuant to the terms of the Joint Venture Agreement and earned a 60% interest in the Rowan Property, as operator, having incurred exploration expenditures of \$2,500,000 over 3 years and issued 1,000,000 Common Shares in the capital of the Company to Goldcorp. Upon exercise of the option, the parties entered into a new Option and Joint Venture Agreement with respect to the Rowan Property effective as of October 4, 2010 (the "2010 Joint Venture Agreement").

Under the terms of the 2010 Joint Venture Agreement, Goldcorp has a back-in right to acquire an additional 11% interest in the Rowan Property for \$7,000,000 from the Company within 90 days of the joint venture expending \$5,000,000 on operations. If Goldcorp exercises the back-in right, it will own a 51% interest in the Rowan Property, resulting in the Company owning a 49% interest in the property. The Rowan Property is subject to a 2% NSR in favour of Goldcorp.

The Rowan property consists of 118 contiguous staked, patented and leased claims comprising 139 units. The group consists of 49 staked claims and 68 patented or leased claims, as illustrated on Figure 2. Complete claim listing is given in Appendix 1.

At the time of the drilling the registered holder of the claims was Red Lake Gold Mines Partnership, comprising Goldcorp Inc. (72%) and Goldcorp Canada Ltd. (28%).

All the diamond drilling was completed on the patent claims.

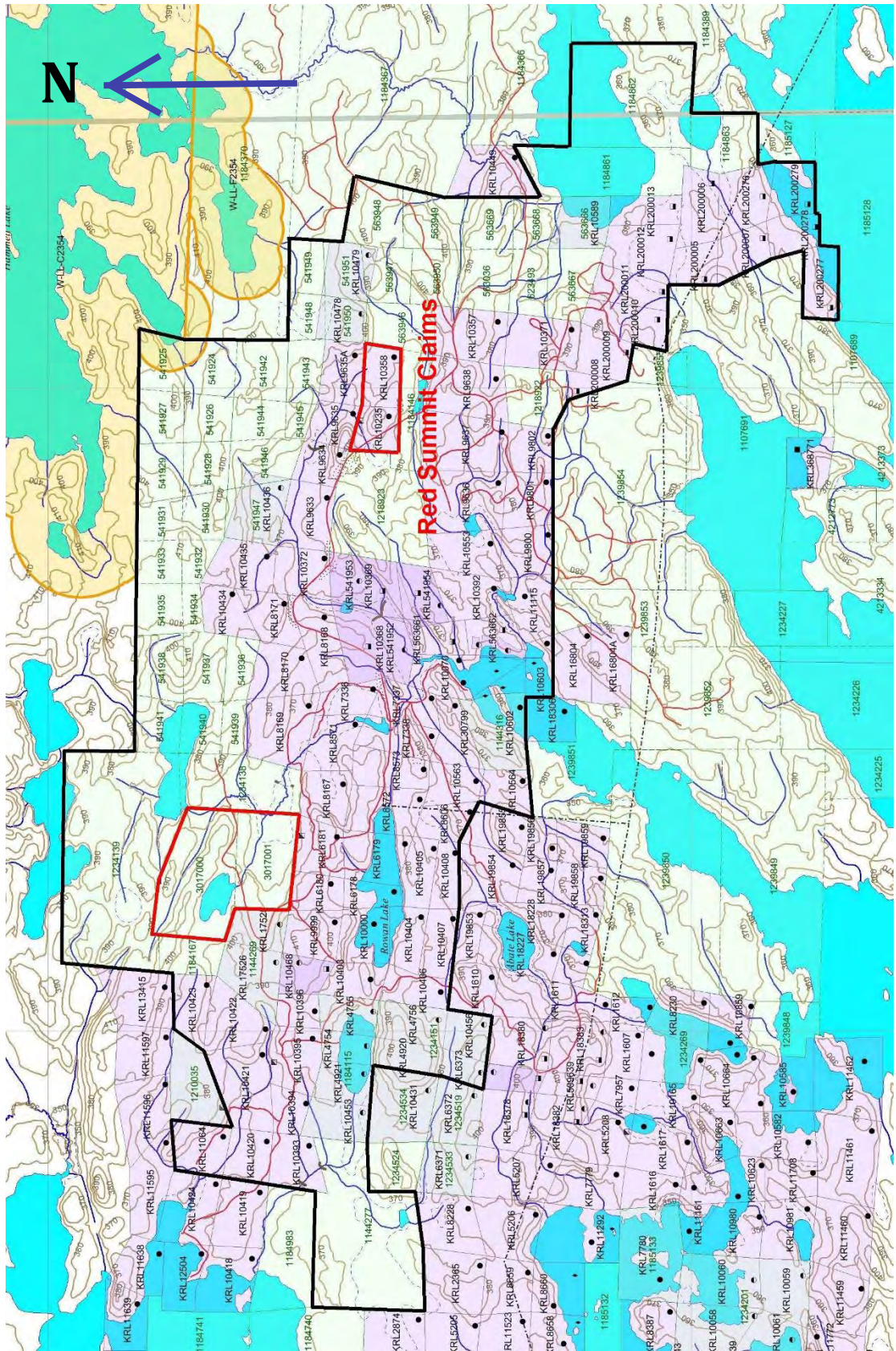
4.0 EXPENDITURES

The cost of the Drill program was \$716,664. as below, details in Appendix IV.

Pertinent Invoices are attached in Appendix V.

The all-in cost of the drill programme was \$264./metre. The program was considerable more expensive due to the 1,272 metre deep hole that encountered down hole problems that required multiple wedges.

Total Direct Exploration Costs (HST excluded)		
Assays and Sampling	\$35,492	
Geological Personnel	\$94,282	
Drilling	\$424,990	
Core Cutting/Camp/Supplies	\$161,900	
total expenditures	\$716,664	
Total metres drilled: 2,715m	2,715	
	\$264	\$/m



..... Figure 2 – Claim Map

5.0 PREVIOUS WORK

The main focus of exploration on the Rowan property has been the Rowan Mine in the western portion of the property. Gold was discovered in the Rowan Mine area in 1928 and work has continued sporadically since that time. Extensive diamond drilling and underground drilling over the years have resulted in the discovery of several narrow gold-bearing zones in the vicinity of the mine. The most recent ore reserve calculation were carried out by Chevron Minerals Ltd. in 1990 (Fumerton, 1990). The results of this work were summarized as follows:

“Approximately 160,000 tonnes of gold resource grading 14 g/t is estimated to exist in the vicinity of the old underground workings of the Rowan Mine. This resource occurs in multiple small shoots and has been tested to a maximum depth of 250m below surface.

Further work on the property should focus on the development of new exploration targets.”

The first reported work in the Martin Bay area, consisted of prospecting, surface trenching and six diamond drill holes by Paulore Gold Mines Ltd.

The area was mapped by H. C. Horwood of the Ontario Department of Mines during the period 1937 – 1939.

In 1945 and 1946 Rugged Red Lake Mines Ltd carried out a program of geological mapping, trenching and 25 diamond drill holes totalling 15,570 ft. (4,746m) (Shatford, 1946).

In 1969 Cochenour Explorations Ltd carried out a program of geological mapping, soil sampling, magnetometer and horizontal loop electromagnetic (HLEM) surveys over a portion of the Martin Bay area. This work was followed by a program of diamond drilling consisting of eight holes totalling 1,959.5 ft (597m) (Chastko, L. C., 1969).

Todd and Fairlie Townships were mapped by R. A. Riley of the Ontario Geological Survey in 1971.

Cochenour Explorations carried out magnetic and HLEM surveys on the “Rugged” Claim Group, which included a portion of the Martin Bay area, during 1975 (Chastko, 1975).

Goldquest Exploration Inc carried out a radiometric survey of the property in 1983 (Peden, 1983). Magnetic and HLEM surveys were also carried out on a portion of the Martin Bay property (Peden, 1985).

Lithochemical surveys were carried out during the period 1983 to 1985 by Goldquest. These are summarized by Peden, 1985.

Goldquest carried out a program of bulldozer stripping, washing, detailed mapping and sampling of portions of the Martin Bay area in 1985 (Durrant, A. R., 1985).

Chevron Minerals Ltd's 1989 exploration program consisted of regional scale geological mapping and associated rock geochemical sampling. A program of mechanical stripping was carried out in the Martin Bay area in order to enlarge areas previously exposed and to determine continuity of grade of the mineralized shear zones in the area. One 225m diamond drill hole was drilled to test the 'Main Shear' in the Martin Bay area.

Goldcorp Inc carried out helicopter borne combined magnetic, electromagnetic, VLF and radiometric surveys over a large portion of the Red Lake area, including the Rowan property, in 2000. The survey was carried out by SIAL Geosciences Inc.(St-Hilaire, 2000).

Hy Lake, precursor to WRLG, conducted exploration on the property during the period 2007 through 2012. The present program was conducted by WRLG.

WRLG, optioned the property in 2007 and completed a comprehensive two year drill program (June 2007-September 2008) covering 15 holes for 8,317 m focusing mainly on the Rowan Shaft area and extensions. The primary purpose of the program was to test the depth and strike extensions of veining mineralization.

Work in 2009 focused on additional infill sampling of previously drilled core and data compilation.

Work in 2010 was on resource assessment and data reorganization as well as drilling in the Rowan Mine Main Vein System and Rowan-NT Zone. The 2010 program focused on two areas of interest.

- Rowan Shaft Main Zones. Examination of the longitudinal sections for the 3-8, 3-6, 3-5, 3-2, and SXZ zones have identified the stronger gold trends and the current program focused on expanding these areas (see Figure 8). 2010 drilling attempted to expand the mineralization down dip and between historic drill holes RW-85-61 and RW-85-62 (see table below).
- Northeast extension of a large geological structure discovered on the Newman-Todd property south of the Rowan property (Figure 9). The northeast trending Newman-Todd Structural Zone hosts high-grade gold zones over a two kilometer strike to a depth of over 300 metres. Hy Lake traced this gold system on to the Rowan property where iron formations continue to the northeast, towards the Rowan Creek Zone, in close proximity to the Golden Arm ultramafic structure, a primary control for gold mineralization in the Red Lake Camp.

Work in 2011 focused on the drilling to the north-east of the Rowan-NT Breccia corridor and in the Rowan Mine Main Vein System. Limited channel sampling was also completed.

West Red Lake Gold – Diamond Drilling - 2013

In 2013 West Red Lake Gold Mines conducted a drilling program consisting of 8 drill holes, 3,283 m, on the Rowan property.

The Company successfully extended the Main Mine Zones to the east of the former producing Rowan Lake Mine.

Highlights of 2013 winter drilling:

- WRLGM successfully extended the Main Mine Zones to the east of the former producing Rowan Lake Mine
- Hole RLG-13-02 returned gold values of 152.0, 75.3, 39.7 g/t Au over 1m intervals
- Hole RLG-13-03 returned 92.6, 12.7, 6.4 g/t Au over 1m intervals
- All the drillholes returned over 60 assays from 1 g/t to 10 Au over 1 m intervals

West Red Lake Gold – Diamond Drilling - 2014

During the period October 10, 2014 through November 25, 2014, a diamond drilling programme was completed by WRLG on the Rowan Property. Ten (10) diamond drill holes totalling 1,416.0 m were completed. The program was designed to test for depth and strike extensions of known mineralized zones, at the Rowan shaft area as well as other known Au mineralized zones. The holes were following up on the positive results of the 2013 drill programme..

The Drill Hole summary table (Table 1) includes the hole locations as well as a summary of results. Assay values greater than 500 ppb Au are plotted on drill sections (Drawing-back of report). Assay certificates are contained in Appendix III.

The primary purpose of the programme was to test the depth and strike-extension of Shaft Zone mineralization in particular the west extension and following up on the positive results of the 2013 drilling.

Results of the 2014 drilling were favourable as every hole intercepted multiple zones and mineralization with anomalous to high grade Au assays. The high grade intercepts correspond to historic high grade results and are a confirmation of the continuity and extensions of the zones to depth and along strike.

West Red Lake Gold – Diamond Drilling - 2015

During the period November, 2015 through December, 2015, a diamond drilling programme was completed by WRLG on the Rowan Property, Red Lake Mining Division, Ontario. Six (6) diamond drill holes totalling 1,767.0 m were completed. The program was designed to test for depth and strike extensions of known mineralized zones, at the Rowan shaft area as well as other known Au mineralized zones. The holes were following up on the positive results of the 2014 drill programme.

All drill holes were logged and sampled at the Mount Jamie field camp. Certified gold reference standards, blanks and field duplicates were routinely inserted into the sample stream as part of the WRLG quality control/quality assurance program. Assaying was completed by ActLabs at their laboratory in Thunder Bay. Gold analyses were performed by fire assay, however higher grade (>5 g/t Au) samples were analyzed with a gravimetric finish.

Results were favourable as seen in table 1. Every hole intercepted mineralization with anomalous to high grade Au assays. The intercepts correspond to extensions of the zones to depth and along strike to the east. The furthest eastern most hole intersected the best mineralization of the program

West Red Lake Gold – Diamond Drilling – 2016

During the period January, 2016 through December, 2016, West Red Lake Gold conducted 2 diamond drilling programmes on the Rowan Property, Red Lake Mining Division, Ontario. Sixteen (16) diamond drill holes totalling 5,176.0 m were completed. The program was designed to test for depth and strike extensions of known mineralized zones at the Rowan shaft area as well as other known Au mineralized zones. The holes were following up on the positive results of the 2015 drill programme.

The focus of the program was to test the depth and strike extension of the historic underground workings, and to cross-section the historic mineralized zones both along strike and at depth to test for economic gold mineralization.

The targets for the 2016 drilling were:

- Hole RLG-15-24 was extended
- Holes 16-25 to 30 targeted expansion to the East
- Hole 16-31 targeted a Geophysical Target (Stargate System)
- Holes 16-32 and 33 tested the hinge area
- Holes 16-34 to 39 drilled beneath the historic workings below the earlier drilling to expand the mineralization at depth.

Two holes RLG-16-32 and 33 were drilled further to the east to test the area known as the “hinge area” where the mostly east-west Pipestone Bay - St. Paul Bay Deformation Zone crosses the Newman-Todd extension and the Pipestone Bay Deformation Zone.

The primary purpose of the programme was to test the depth and strike-extension of Shaft Zone mineralization in particular the east extension and following up on the positive results of the 2013 to 2015 drill programs. The program also tested the area known as the “hinge area” where the mostly east-west Pipestone Bay - St. Paul Bay Deformation Zone crosses the Newman-Todd extension and the Pipestone Bay Deformation Zone.

Results were favourable as seen in table 1. The resource expansion at depth phase of the program intersected Au mineralization below the previous exploration.

The results and conclusions for the 2016 drilling were:

- Holes 16-25 to 30 East expansion were mostly negative

- Hole 16-31 Stargate System does appear to be valid on the Rowan property
- Holes 16-32, 33 Hinge area were inconclusion with additional exploration merited.
- Holes 16-34-39 Were successful in expanding the resource to depth

West Red Lake Gold – Diamond Drilling – 2017

During the period January, 2017 through December, 2017, West Red Lake Gold conducted 3 diamond drilling programmes on the Rowan Property, Red Lake Mining Division, Ontario. Fifteen (15) diamond drill holes totalling 6,070.5 m were completed. The targets for the 2017 drilling were:

- Holes 17-43 to 48 and 17-50 to 52 targeted expansion of the Rowan Mine zones to the East
- Holes 17-53 and 54 tested the area known as the “hinge area” where the mostly east-west Pipestone Bay - St. Paul Bay Deformation Zone crosses the Newman-Todd extension and` the Pipestone Bay Deformation Zone.
- Hole 17-49 targeted a Geophysical Target (Stargate System)

The results and conclusions for the 2017 drilling were:

- Holes 17-43 to 48 and 17-50 to 52 targeted expansion to the East were successful in expanding the Rowan mineralization to the east and below the known mineralization
- Holes 17-53 and 54 tested the hinge area with negative results
- Stargate hole returned negative results

Table 1 Diamond Drill Hole Summary – 2013-2016

Hole#	East	North	ele	Length (m)	Az	Dip	Results					
							from (m)	to (m)	Length (m)	Au-gpt	GxW	
RLG-13-01	422,087	5,658,112	358	426.0	180	-45	31.0	33.0	2.0	1.09	2.2	
							197.0	198.0	1.0	3.24	3.2	
							214.0	216.0	2.0	1.36	2.7	
							256.0	258.0	2.0	3.14	6.3	
							265.0	267.0	2.0	1.42	2.8	
RLG-13-02	422,087	5,658,112	358	600.0	180	-60	305.0	310.0	5.0	38.65	191.3	
								incl	2.0	95.85	192.3	
							418.0	419.0	1.0	3.44	3.4	
							452.0	453.0	1.0	3.94	3.9	
							486.0	490.0	4.0	19.63	78.3	
								incl	1.0	75.30	75.3	
RLG-13-03	422,174	5,658,124	364	426.0	180	-45	76.0	77.0	1.0	3.39	3.4	
							97.0	98.0	1.0	12.70	12.7	
							185.0	202.0	17.0	6.83	116.1	
								incl	1.0	92.60	92.6	
							335.0	336.0	1.0	1.38	1.4	
							377.0	378.0	1.0	1.39	1.4	
							425.0	426.0	1.0	1.52	1.5	
RLG-13-04	422,174	5,658,124	364	600.0	180	-60	128.0	129.0	1.0	2.58	2.6	
							356.0	358.0	2.0	5.69	11.4	
							417.0	418.0	1.0	3.01	3.0	
							469.0	470.0	1.0	5.49	5.5	
							484.0	485.0	1.0	1.47	1.5	
							545.0	546.0	1.0	3.91	3.9	
RLG-13-05	422,365	5,658,142	372	249.0	180	-45	128.0	129.0	1.0	1.09	1.1	
							164.0	164.8	0.8	1.16	0.9	
							247.0	249.0		1.37	0.0	
RLG-13-06	422,365	5,658,142	372	381.0	180	-60	212.9	214.0	1.1	3.91	4.3	
							233.0	234.0	1.0	9.32	9.3	
RLG-13-07	422,388	5,658,077	368	288.0	180	-45	17.0	19.0	2.0	4.87	9.7	
RLG-13-08	422,388	5,658,077	368	313.0	180	-60	16.0	17.0	1.0	1.01	1.0	
							19.0	20.0	1.0	1.04	1.0	
							23.0	26.0	3.0	2.63	7.9	
							47.0	48.0	1.0	1.37	1.4	
8 holes												
				3283.0 m								
RLG-14-09	422,189	5,657,984		66.0	360	-45	29.6	31.1	1.5	1.54	2.3	
RLG-14-10	422,189	5,657,983		138.0	360	-82	42.7	44.2	1.5	2.15	3.2	
RLG-14-11	422,156	5,657,964		90.0	360	-45	76.9	78.7	1.8	0.65	1.2	
RLG-14-12	422,156	5,657,961		102.0	360	-67	50.1	51.6	1.5	6.16	8.9	
RLG-14-13	422,220	5,657,955		141.0	360	-55	112.0	114.0	2.0	1.28	2.6	
RLG-14-14	422,160	5,657,855		216.0	360	-45	164.4	165.5	1.1	28.00	30.8	
							188.8	192.8	4.0	26.97	107.9	

Hole#	East	North	ele	Length (m)	Az	Dip	from (m)	to (m)	Length (m)	Au-gpt	GxW	
								incl	1.0	77.70		
RLG-14-15	422,200	5,657,855		240.0	360	-48	125.0	127.0	2.0	0.75	1.5	
RLG-14-16	421,960	5,658,045		135.0	180	-45	56.0	58.0	2.0	4.91	9.8	
RLG-14-17	421,860	5,657,940		135.0	360	-45	34.0	35.5	1.5	0.69	1.0	
RLG-14-18	422,080	5,658,015		153.0	180	-45	84.5	86.0	1.5	62.62	243.0	
							136.4	137.4	1.0	9.19	9.2	
10	Holes			1,416.0		m						
RLG-15-19	422,304	5,657,948	372	300	360	-45	111.0	112.0	1.0	1.24	1.2	
RLG-15-20	422,304	5,657,948	372	261	360	-60	221.3	223.0	1.7	0.77	1.3	
RLG-15-21	422,346	5,657,951	372	180	360	-45	124.5	126.0	1.5	1.19	1.8	
RLG-15-22	422,451	5,657,915	372	327	360	-45	163.0	164.0	1.0	0.61	0.6	
RLG-15-23	422,550	5,657,862	372	375	360	-45	246.0	247.0	1.0	1.44	1.4	
RLG-15-24	422,699	5,657,821	372	324	360	-45	165.0	165.5	0.5	2.56	1.2	
							230.2	233.0	2.8	1.30	3.6	
							237.0	238.2	1.2	3.38	4.1	
							245.4	247.9	2.5	1.51	3.8	
							297.0	298.5	1.5	69.55	104.3	
6	holes	total		1767		m						
RLG-16-24ext	422,694	5,657,816	379	73	360	-45	nsv					
RLG-16-25	422,650	5,657,929	370	210	360	-45	53.6	54.5	0.9	1.45	1.3	
							90.0	91.0	1.0	1.44	1.4	
RLG-16-26	422,700	5,657,980	377	120	360	-45	6.0	7.5	1.5	1.13	1.7	
RLG-16-27	422,751	5,657,871	381	267	360	-45	nsv					
RLG-16-28	422,799	5,657,821	380	321	360	-45	51.5	52.5	1.0	2.22	2.2	
							112.5	114.0	1.5	1.09	1.6	
RLG-16-29	422,851	5,657,878	389	240	360	-45	nsv					
RLG-16-30	423,000	5,657,892	389	189	360	-45	48.0	49.5	1.5	3.30	5.0	
							61.5	63.0	1.5	1.57	2.4	
							81.0	82.5	1.5	2.02	3.0	
							148.5	154.5	3.0	1.20	3.6	
RLG-16-31	422,786	5,658,051	385	945	92	-52	252.0	253.5	1.5	50.41	75.6	
							348.0	349.0	1.0	2.22	2.2	
							378.0	379.5	1.5	3.50	5.3	
							535.0	536.5	1.5	72.72	34.1	
							594.0	595.5	1.5	3.89	5.8	
							597.0	598.5	1.5	5.10	7.7	
							639.0	640.5	1.5	2.83	4.2	
8	holes			2,365		m						
hinge area												
RLG-16-32	423,226	5,657,774	358	498	310	-45	152.3	153.3	1.0	1.17	1	
							166.8	168.0	1.2	1.15	1	
							270.9	271.7	0.8	1.03	1	
							325.5	326.0	0.5	3.47	2	
							404.7	405.6	0.9	1.78	2	
							455.0	456.0	1.0	1.32	1	
RLG-16-33	422,906	5,657,826	378	246	60	-45	51.4	52.4	1.0	26.85	27	
							incl	51.4	51.9	0.5	51.32	26
Resource expansion												
RLG-16-34	421,882	5,657,652	378	465	355	-48	262.5	263.0	0.5	1.20	1	
							303.5	307.0	3.5	8.74	31	

Hole#	East	North	ele	Length (m)	Az	Dip		from (m)	to (m)	Length (m)	Au-gpt	GxW
							incl	303.5	304.5	1.0	23.01	23
								309.0	310.5	1.5	1.42	2
								341.0	344.2	3.2	1.13	4
RLG-16-35	421,917	5,657,747	375	351	357	-50		173.5	174.0	0.5	2.43	1
								240.7	241.9	1.2	8.97	11
							incl	241.4	241.9	0.5	19.85	10
RLG-16-36	421,754	5,657,653	380	474	357	-58		222.0	223.5	1.5	1.20	2
								261.0	262.0	1.0	2.58	3
								303.0	304.5	1.5	3.19	5
								336.2	348.5	12.3	1.88	23
							incl	336.2	340.0	3.8	3.56	14
							incl	336.2	336.7	0.5	24.23	12
							and	345.0	348.5	3.5	2.33	8
								361.0	361.5	0.5	4.22	2
								364.0	365.0	1.0	3.16	3
								389.0	390.0	1.0	2.55	3
								407.1	408.0	0.9	1.44	1
								414.8	416.7	1.9	1.92	4
								463.0	463.5	0.5	2.81	1
RLG-16-37	421,545	5,657,684	390	276	357	-45	nsv					
RLG-16-38	421,480	5,657,723	393	351	355	-48		40.8	41.9	1.1	11.66	13
							incl	41.4	41.9	0.5	24.95	12
								249.0	249.5	0.5	6.47	3
RLG-16-39	421,561	5,657,765	401	150	360	-48		48.3	50.1	1.8	1.06	2
								80.0	81.0	1.0	1.19	1
8 holes				2,811	m							
RLG-17-40	421,200	5,657,900	408	189	178	-45					NSV	
RLG-17-41	421,201	5,657,953	409	234	178	-60		141.5	143.0	1.5	1.37	2.1
							102B	146.0	147.0	1.0	3.10	3.1
RLG-17-42	421,299	5,657,895	402	216	178	-45		70.0	71.0	1.0	0.73	0.7
RLG-17-43	421,449	5,657,960	390	264	176	-45	102B	85.4	86.4	1.0	2.42	2.4
RLG-17-44	421,705	5,657,954	395	393	176	-60		169.0	170.0	1.0	1.15	1.2
							103C	232.0	238.0	6.0	1.83	11.0
							incl	235.0	236.5	1.5	3.64	5.5
								258.0	260.0	2.0	1.59	3.2
							104D	270.0	271.0	1.0	21.88	21.9
RLG-17-45	421,795	5,658,050	379	357	175	-45	100Z	111.0	112.5	1.5	1.77	2.7
							102B	183.5	185.0	1.5	2.73	4.1
								247.0	248.8	1.8	1.61	2.9
								279.0	280.0	1.0	2.10	2.1
							103C	285.0	288.0	3.0	72.58	213.6
							incl	285.0	286.5	1.5	142.42	213.6
RLG-17-46	422,251	5,657,749	364	433.5	353	-55					NSV	
RLG-17-47	422,202	5,657,736	371	405	355	-45					NSV	
RLG-17-48	422,100	5,657,701	389	522	353	-45		132.5	133.5	1.0	1.96	2.0
							103C	252.0	253.0	1.0	5.37	5.4
							102B	262.0	263.5	1.5	1.79	2.7

Hole#	East	North	ele	Length (m)	Az	Dip		from (m)	to (m)	Length (m)	Au-gpt	GxW
							101A	354.5	357.0	2.5	3.01	7.5
							100Z	387.0	388.0	1.0	16.05	16.1
9	HOLES			3013.5		m						
RLG-17-49	423,243	5,656,845	380	654	323	-47	Star 2				nsv	
RLG-17-50	421,802	5,657,513		600	360	-52		425.1	425.9	0.8	2.39	1.9
								429.2	429.5	0.3	2.87	0.9
								474.7	486.2	11.6	0.73	8.5
								incl		0.3	5.19	1.7
								502.6	502.9	0.4	18.07	6.5
								513.0	514.0	1.0	2.17	2.2
								521.0	522.0	1.0	2.16	2.2
								570.0	573.4	3.4	4.18	14.0
								incl		1.0	11.49	11.5
RLG-17-51	421,802	5,657,513		651	360	-62		559.8	560.8	1.0	5.61	5.6
								621.0	627.0	6.0	1.36	8.2
								incl		0.5	5.98	3.0
								638.0	640.0	2.0	2.52	5.0
								645.0	646.0	1.0	1.91	1.9
RLG-17-52	421,600	5,657,620		351	360	-50		53.4	54.0	0.6	1.25	0.8
								127.5	128.2	0.7	2.12	1.5
								172.1	172.4	0.3	8.39	2.4
								265.8	266.3	0.5	3.10	1.4
								286.2	286.5	0.3	3.25	1.0
								293.2	293.7	0.5	1.06	0.6
								309.4	309.7	0.3	10.41	3.2
RLG-17-53	424,145	5,657,778		351	360	-60		277.7	278.7	1.0	3.63	
RLG-17-54	423,773	5,658,149		450	165	-45		377.8	378.4	0.6	0.91	
	5	holes		2,403	m							
	15	holes		6070.5	m							
	54	holes		17,713	m							

Intervals reported here are core lengths. True widths are not known at this time. All depths are reported as down hole.

6.0 REGIONAL GEOLOGY

The Rowan property is situated at the west end of the Red Lake Greenstone Belt. The belt is comprised of a relatively narrow series of six metavolcanic/metasedimentary supracrustal assemblages intruded by several bodies of variable size, form and composition. All of the assemblages have undergone several phases of deformation and metamorphism. The rocks, of Mesoarchean and Neoarchean age, form part of the larger Uchi Subprovince of the Superior Province of the Canadian Shield.

A detailed description of the tectonic history of the Red Lake Belt is presented in GSC Current Research 2001 – C19 (Sanborn-Barrie, 2001).

7.0 PROPERTY GEOLOGY

Geology of the area of the property is shown on Figure 3, after Riley, 1977.

Most of the Rowan property lies within a regional NW trending structural feature known as the Pipestone Bay-St Paul Bay Deformation Zone.

The Rowan property is part of the Red Lake Archean Greenstone Belt of the Uchi Subprovince of the Superior province. The greenschist to amphibolite metamorphic transitional isograd has been interpreted to cross the southern quarter of the property trending roughly WNW.

Property geology consists of mafic-felsic metavolcanics and metasedimentary units that have been intruded by varying sizes of mafic to felsic intrusives. The property is bound to the north by the Hammell Lake and to the south by the Killala-Baird Batholiths. A portion of Riley's 1978 Map –2406 is referred to in Figure 3.

A marble and magnetite-bearing iron formations define a regional eastward plunging anticline whose axial plane strikes 255 ° with a steep dip to the south.

The roughly 105-110 ° trending Pipestone Bay-St Paul Bay Deformation Zone is interpreted to cross the center on the property. Other notable structural features include the NE trending Golden Arm Fault, E/W trending Rowan Lake Fault and the NE trending Three Corners Fault.

Ultramafic units occur in at least in 3 areas including the region along Golden Arm, west of Rowan Lake and east of the Red Summit Mine near Martin Bay. These units are of interest since the recent exploration success of the Red Lake Mine and the proximity of ultramafic units to economic mineralization.

Gold mineralization has an affinity for felsic intrusive units and iron formations. Greater detail can be obtained by referring to Goldcorp reports by Fumerton (1990) and Peden (Dec. 16, 1983).

8.0 West Red Lake Gold Exploration – 2018

During the period January, 2018 through December, 2018, West Red Lake Gold conducted 2 diamond drilling programmes on the Rowan Property, Red Lake Mining Division, Ontario. Nine (9) diamond drill holes totalling 2,714 m were completed.

- One deep hole, RLG-18-55 (1,272 metres), was drilled to test the depth extension of the Rowan Mine mineralization.
- Eight holes were drilled to test for the extension of the Newman-Todd Structure onto the Rowan property.

The main focus of past exploration on the property has been the Rowan Mine area. Gold was discovered in the area in 1928 and work has continued sporadically since that time. Limited surface diamond drilling over the years has resulted in the discovery of several gold-bearing zones in the vicinity of the shaft and elsewhere on the property.

The Rowan Vein System is a series of en echelon narrow quartz veins with a discontinuous strike length of from 500 to 1000 metres and N/S offset of about 150 metres. The upper 300 metres of the mineralization has been extensively tested with very few intersections below the 300 metres from surface elevation. Hole RLG-18-55 tested for the extension of the Rowan mineralization at a depth of approximately 500 metres below previous exploration. The 1,272 metre length drill hole intersect the altered mafic volcanics that host the Rowan mineralization at a depth of 1,122 metres or approximately 1,050 metres below surface. The interval 1,163.5 to 1,165.0 assayed 4.39 grams per tonne Au over 1.5 metres within a 6 metre sericite, carbonate altered feldspar porphyry hosted within the altered mafic volcanic sequence.

The presence of gold mineralization within the favourable hydrothermal alteration system hosting the Rowan mineralization, 500 metres below the present resource estimate, is very encouraging for future exploration to increase the resource at depth.

The Newman-Todd Structure (NTS) consists of a tabular zone of Quartz-Carbonate rock (Qz-Cb Rock) trending northeast and dipping steeply to the southeast.

The exploration program focused on tracing gold mineralization in the NT Zone from the south west area of the property to the northeast towards the area of the intersection of two regional gold bearing structures (the “Structural Intersection”) situated 500 metres east of the Rowan Mine zones. The best result from the exploration program was 35.26 grams of gold (gpt Au) over 3.0 metres (m).

The Company drilled eight holes (RLG-18-56 to 63) totalling 1,443 metres to define a 250 metre portion of the northeast trending structure. Six of the eight holes had intersections of greater than 3 gpt Au over widths of greater than 1 metre. Most holes had more than 1 zone of mineralization including hole RLG-18-61 which had 2 significant mineralized zones including:

- 59.5 to 68.8 metres, 6.51 gpt Au over 9.3m including 9.522 gpt Au over 1.2m
- 85.2 to 93.0 metres, 14.182 gpt Au over 7.8m including 35.26 gpt Au over 3.0m including 60.69 gpt Au over 1.4m

Drill Highlights Include:

- 14.18 grams over 7.8 metres including 35.26 grams over 3.0 metres
- 6.51 grams over 9.3 metres
- 3.76 grams over 5.6 metres
- 13.8 grams over 1.8 metres

All of the holes intersected the NT zone which consists of a broad hydrothermal deformation zone comprised of ultramafic, mafic and felsic volcanics as well as iron formation. The drilling intersected in excess of 100m of pervasive alteration in every hole. Most of the holes ended in alteration. All the lithologies have undergone intensive pervasive hydrothermal alteration consisting of extensive sericitization, silicification and carbonatization. This results in a sequence of rocks consisting of predominately sericite, iron carbonate, silica / quartz and fuchsite. Sulphide mineralization, pyrite, pyrrhotite and sphalerite, were also associated with the alteration package.

The NT Zone is a large scale alteration/deformation zone with associated wide spread hydrothermal alteration. The scale and style of the iron-carbonate alteration within the NT Zone is considered to be associated with large multi-stage hydrothermal systems. Gold mineralization in the NT Zone is associated with silica/sulphide replacement within the iron-carbonate altered Felsic volcanic and intrusive rocks.

The NT Zone trends to the north-east where it intersects with the east-west trending regional PBS Zone which crosses the Company property and continues east to the town of Red Lake. Three former gold mines on the West Red Lake Project property are situated on the PBS Zone.

Hole locations and a summary of significant results are given in Table 2.

Drill Logs are found in Appendix 2.

A complete listing of assay results is shown in Appendix IV.

Diamond Drill Plans and Sections are shown with accompanying drawings at the back of the report.

No current grid was cut in the area. GPS coordinates for each hole collar were determined in the field using a GPS instrument. Collar locations are in UTM coordinates, Canada Mean Datum (NAD 83) Zone 15. Collar elevations, as recorded on drill logs and in the database were used for the drill sections,

Sections of drill core to be assayed were identified by the geologist during core logging. These sections were split, using a diamond blade rock saw. Half of each sample was sealed in a plastic sample bag along with a sample identification tag. The remaining half of each sample was replaced in the core box as a permanent record. Core is stored on the Mount Jamie Mine property.

All drill holes were logged and sampled at the Mount Jamie field camp. Certified gold reference standards, blanks and field duplicates were routinely inserted into the sample stream as part of the WRLG quality control/quality assurance program. Assaying was completed by SGS Canada Inc. at their laboratory in Red Lake. Gold analyses were performed by fire assay, however higher grade (>5 g/t Au) samples were analyzed with a gravimetric finish. Samples where Visible Gold was noted were assayed with a pulp metallic method.

The Drill Hole summary table (Table 2) includes the hole locations as well as a summary of results. Assay values greater than 500 ppb Au are plotted on drill sections (Drawing-back of report). Assay certificates are contained in Appendix III.

Drilling was carried out by Chibougamau Diamond Drilling. Drill logs are in Appendix 2 and drill hole plan map and sections are presented at the back of the report. A drill camp at the Mount Jamie Mine Site was utilized for the programme. Core was logged and split at the camp site.

Results were mixed as seen in table 2. The resource expansion at depth phase of the program intersected Au mineralization below the previous exploration.

The summary and conclusions for the 2018 drilling were:

- The deep hole confirmed the presence of gold mineralization within the favourable hydrothermal alteration system hosting the Rowan mineralization, 500 metres below the present resource estimate, albeit the assays were lower than expected. However, the presence of the alteration system is very encouraging for future exploration to increase the resource at depth.
- The program testing the NT zone was successful as all of the holes intersected a broad hydrothermal deformation zone comprised of ultramafic, mafic and felsic volcanics as well as iron formation. The drilling intersected in excess of 100m of pervasive alteration in every hole. Favourable assay results were intersected in each hole.

Table 2 - Diamond Drill locations and results – 2017

West Red Lake Gold		Rowan Project									
Hole #	WGS UTM Easting	84 UTM Northing	UTM ele	dip	Az	length	from	to	length	Au-gpt	G x W
Rowan Deep Hole											
RLG-18-55	422,060	5,657,400	385	-75	350	1,272	1,163.5	1,165.0	1.5	4.390	6.6
NT Zone											
RLG-18-56	421,270	5,656,858	371	-45	325	150	82.0	84.0	2.0	1.699	3.4
							87.0	88.0	1.0	1.804	1.8
							100.2	102.0	1.8	13.810	24.9
RLG-18-57	421,270	5,656,858	371	-60	325	177	96.0	103.5	7.5	1.330	10.0
								incl	1.5	3.192	4.8
							106.5	108.0	1.5	1.136	1.7
							150.5	152.0	1.5	2.670	4.0
RLG-18-58	421,211	5,656,859	375	-45	275	201	67.5	69.2	1.7	1.442	2.5
RLG-18-59	421,211	5,656,859	375	-55	275	186	70.0	76.7	6.7	1.310	8.8
								incl	1.2	2.826	3.4
							85.8	87.3	1.5	2.159	3.2
RLG-18-60	421,366	5,656,868	374	-45	325	171	30.5	32.0	1.5	1.016	1.5
							62.7	68.3	5.6	3.760	21.1
								incl	1.4	8.875	12.4
							73.2	74.8	1.6	1.502	2.4
							86.9	88.2	1.3	1.622	2.1
RLG-18-61	421,366	5,656,868	374	-55	325	159	28.7	29.9	1.2	2.158	2.6
							32.5	33.9	1.4	1.927	2.7
							59.5	68.8	9.3	6.510	40.3
								incl	1.2	9.522	11.4
							73.1	74.5	1.4	1.035	1.4
							85.2	93.0	7.8	14.182	110.6
								incl	3.0	35.261	105.8
								incl	1.4	60.690	89.0
RLG-18-62	421,437	5,656,936	380	-45	320	219	13.1	14.1	1.0	9.852	9.9
							107.4	108.4	1.0	8.698	8.7
							136.0	137.7	1.7	1.135	1.9
RLG-18-63	421,456	5,656,907	378	-60	320	180	33.7	38.0	4.3	1.866	8.0
								incl	1.0	5.626	5.6
							50.7	52.0	1.3	5.140	6.7
							98.5	100.1	1.6	1.109	1.8
8	holes					1,443	m				
9	holes					2,715	m				

Intervals reported here are core lengths. True widths are not known at this time. All depths are reported as down hole.

9.0 RECOMMENDATIONS

The deep hole confirmed the presence of gold mineralization within the favourable hydrothermal alteration system hosting the Rowan mineralization, 500 metres below the present resource estimate. The presence of the alteration system is very encouraging for future exploration to increase the resource at depth.

The program testing the NT zone was successful as all of the holes intersected a broad hydrothermal deformation zone comprised of ultramafic, mafic and felsic volcanics as well as iron formation. The drilling intersected in excess of 100m of pervasive alteration in every hole. Favourable assay results were intersected in each hole. This area has proven to continue to have excellent exploration opportunity with mineralization remaining open in all directions.

Additional targets remain on other parts of the property, including:

- **Creek Zone:** This is the SW-extension of the Porphyry Hill Zone. The zone occurs along the irregular northern contact of a large quartz porphyry sill and iron formation. Area is strongly carbonatized and cut by numerous quartz stringers. Pyrite is ubiquitous and the best gold values are associated with disrupted iron formation.
- **Porphyry Hill Zone:** Stripping in 1989 by Chevron Minerals determined that gold is found in sheared, sulphidized iron formation and in shear-parallel quartz stringers within the adjacent felsic porphyry. The potential extension of this zone either to the NE or SW has not been adequately tested
- **West Red Lake Zone (McKenzie Option):** Located within KRL 9999, drilling encountered 3 rock types including mafic metavolcanics, quartz-sericite porphyry and a hybrid of quartz-sericite and volcanics. Of 18 holes drilled, 5 intersected vein material of significance (0.26-2.58 OPT over 0.6-2.58 feet).
- **Headache Vein:** In 1983 Goldquest stripped, mapped and sampled this zone. Coarse visible gold (VG) as specks was observed locally as is arsenopyrite, pyrite and pyrrhotite. No drilling was done beneath the central portion where the best values (> 1 OPT Au) occurred. The surface zone remains open as the vein terminates into overburden both to the east and west.
- **DLS Carbonate Zone:** Strong Fe-carbonate alteration of mafic metavolcanics over 1 metre with quartz veins within the zone up to 20 cm but confined to the Fe-carbonate. Most of the vein material is barren but one vein with molybdenum assayed 0.28 opt Au. This zone is important as it may represent a new type of mineralization. Follow up drilling did not enhance the prospects of this showing.

- **Newman-Todd extension:** The mineralization at Newman-Todd to south central section of the Rowan property is known to continue onto the Rowan property with significant gold values. Additional drilling is recommended to confirm the mineralization and to determine continuity.

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11.0 CERTIFICATES OF QUALIFICATION

Certificate of Qualifications

I, Kenneth Guy, PGeo(Ont) of Toronto, Ontario, Canada, do hereby state that:

I reside at 2508 Keitel Drive, Peterborough, Ontario K9K 2N9

Ph / cell: 289-221-1232 Email: kwgeo5000@gmail.com

I am currently self-employed as a consulting geologist.

I am a graduate geologist, having graduated from the University of Waterloo, Ontario in 1979, receiving an Hon BSc in Earth Science/geology.

I have been practicing geology as a professional geologist since graduation in 1979.

I am a member of the A.P.G.O. (0241) and a Fellow of the Geological Association of Canada since 1983.

I have read the definition of “qualified person” set out in National Instrument 43-101 and certify that I fulfill the requirements.

This report is based upon work managed and conducted by myself.
I was on-site during most of the work period.

This report is based upon work conducted and supervised by myself as well as my review of relevant previous work not managed or conducted by myself.

I consent to the use of this report by West Red Lake Gold Mines Inc. (WRLG).

Dated this 20th day of June, 2020

















“*Kenneth Guy*”, PGeo (Ont)

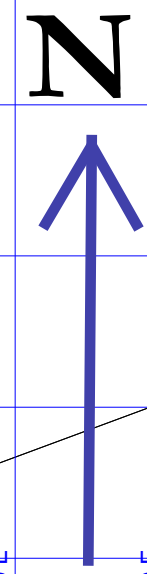
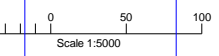
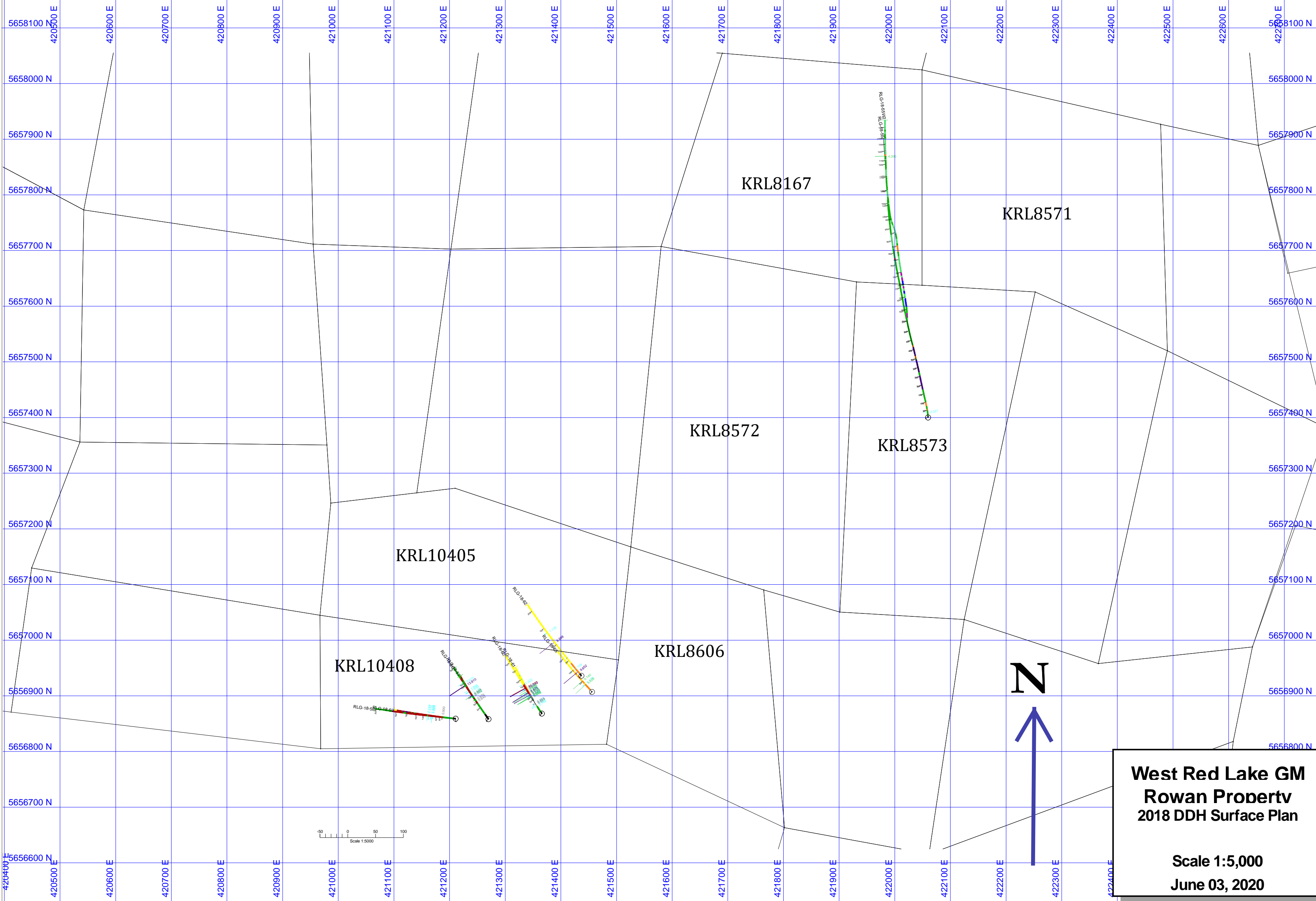
Signature of Qualified Person

Kenneth Guy

Name of Qualified Person

Lithological Legend

CAS		Casing, Overburden
V1*		Felsic Volcanic
V2*		Intermediate Volcanic
V3*		Mafic Volcanic
V4*		Ultramafic Volcanic
S1*		Sediment
5*		Chemical Sediments
I6*		Mafic Intrusive
I7*		Felsic Intrusive
I8*		Granodiorite
Q*		Quartz/Quartz Carbonate
M*		Mineralized Zone
S*		Clastic Sediments
FTZ*		Fault Zone
FP		Feldspar Porphyry
QV*		Quartz Vein



**West Red Lake GM
Rowan Property
2018 DDH Surface Plan**

**Scale 1:5,000
June 03, 2020**

KRL10408

KRL10405

KRL8606

KRL8572

KRL8573

KRL8571

KRL8167

RLG-18-58

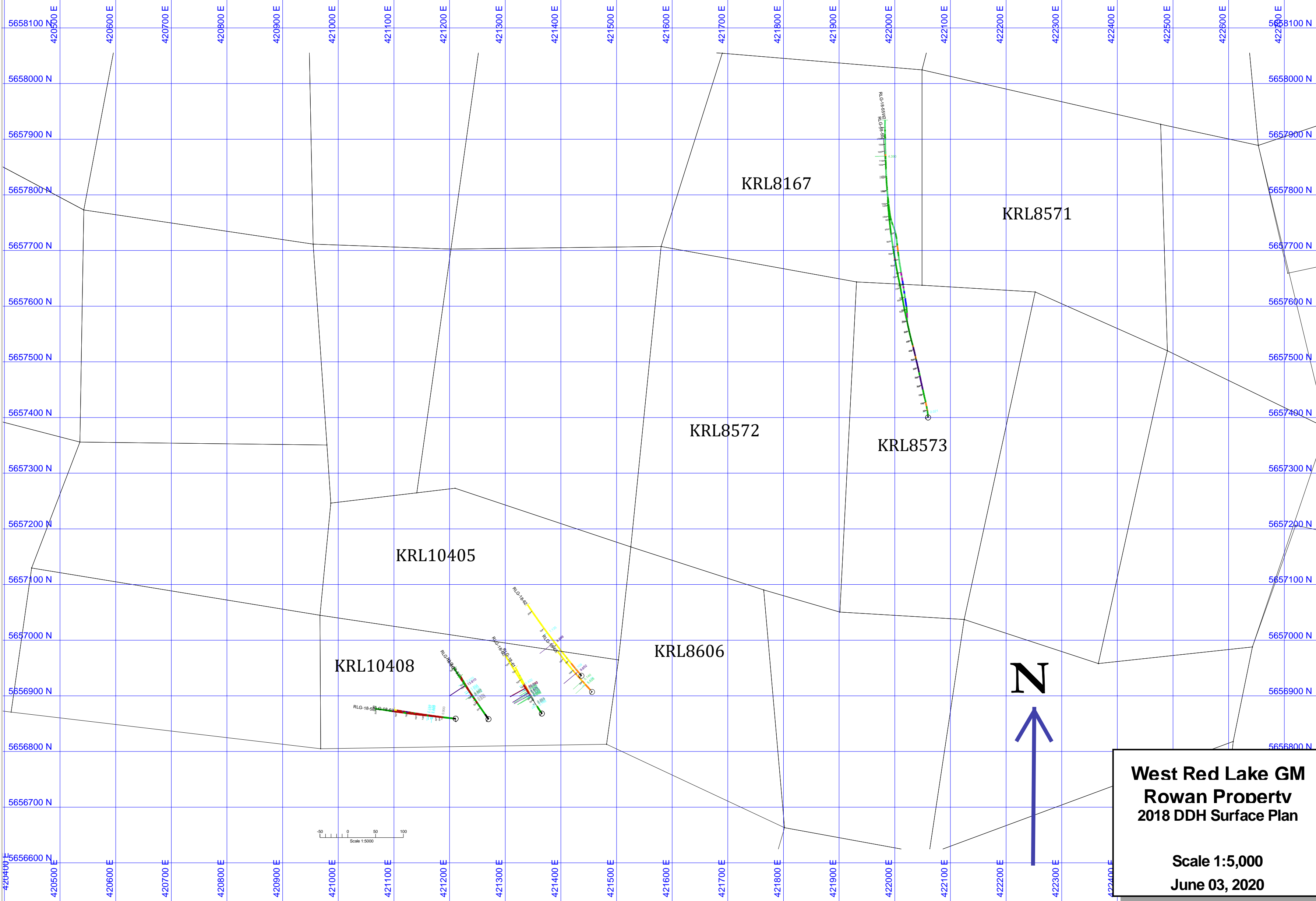
RLG-18-59

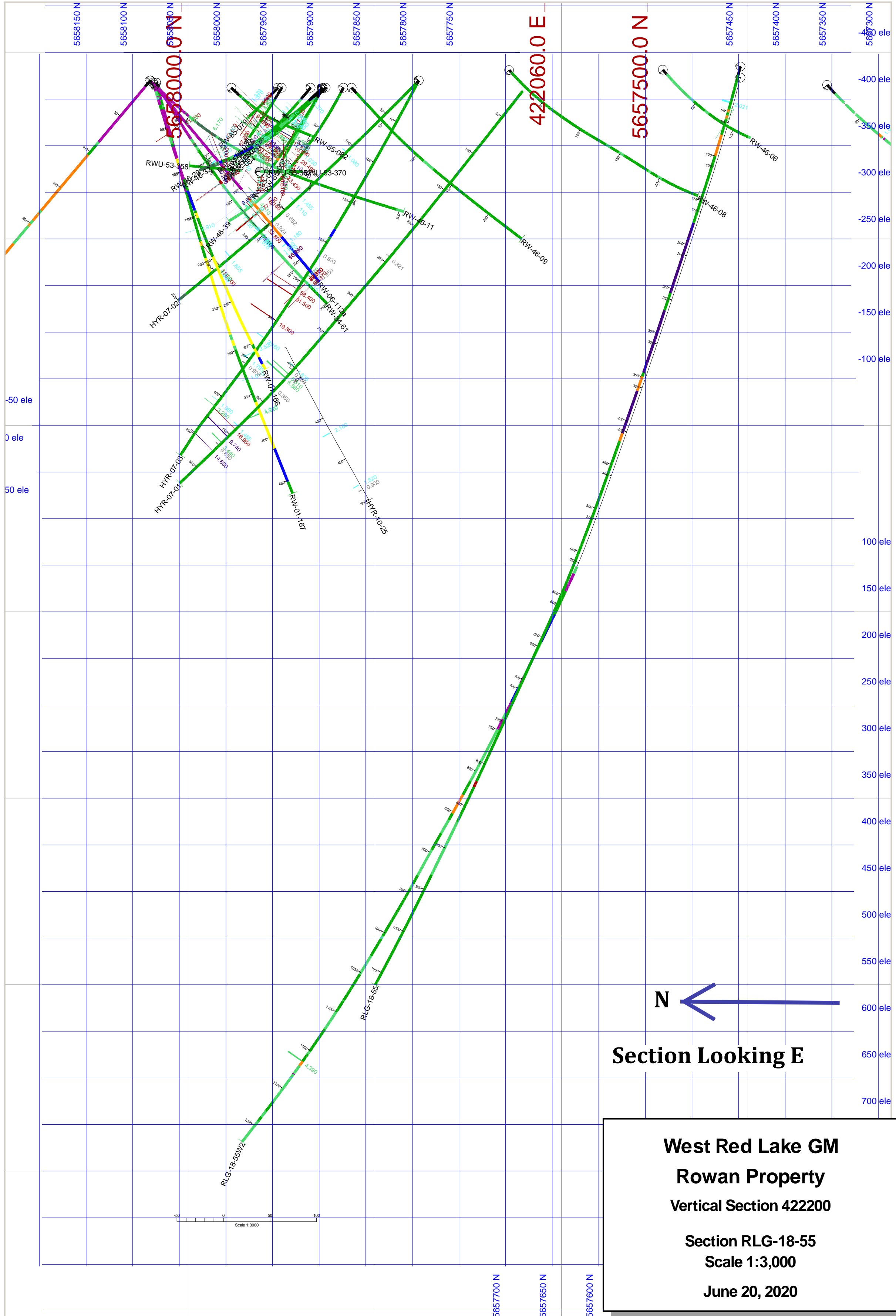
RLG-18-60

RLG-18-61

RLG-18-62

RLG-18-63

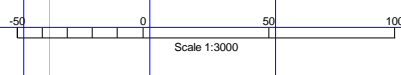


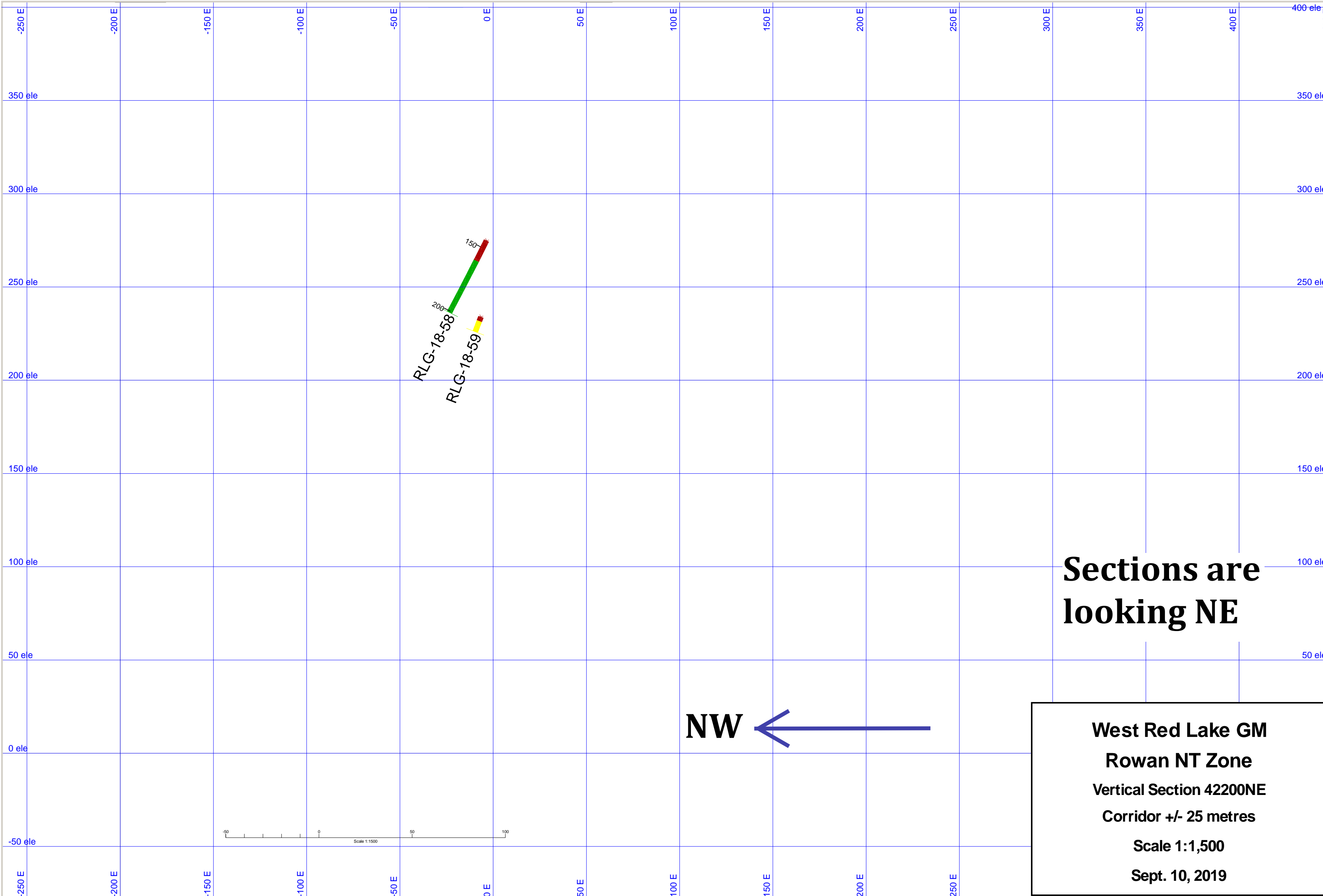


N ←
Section Looking E

**West Red Lake GM
 Rowan Property
 Vertical Section 422200**

**Section RLG-18-55
 Scale 1:3,000
 June 20, 2020**

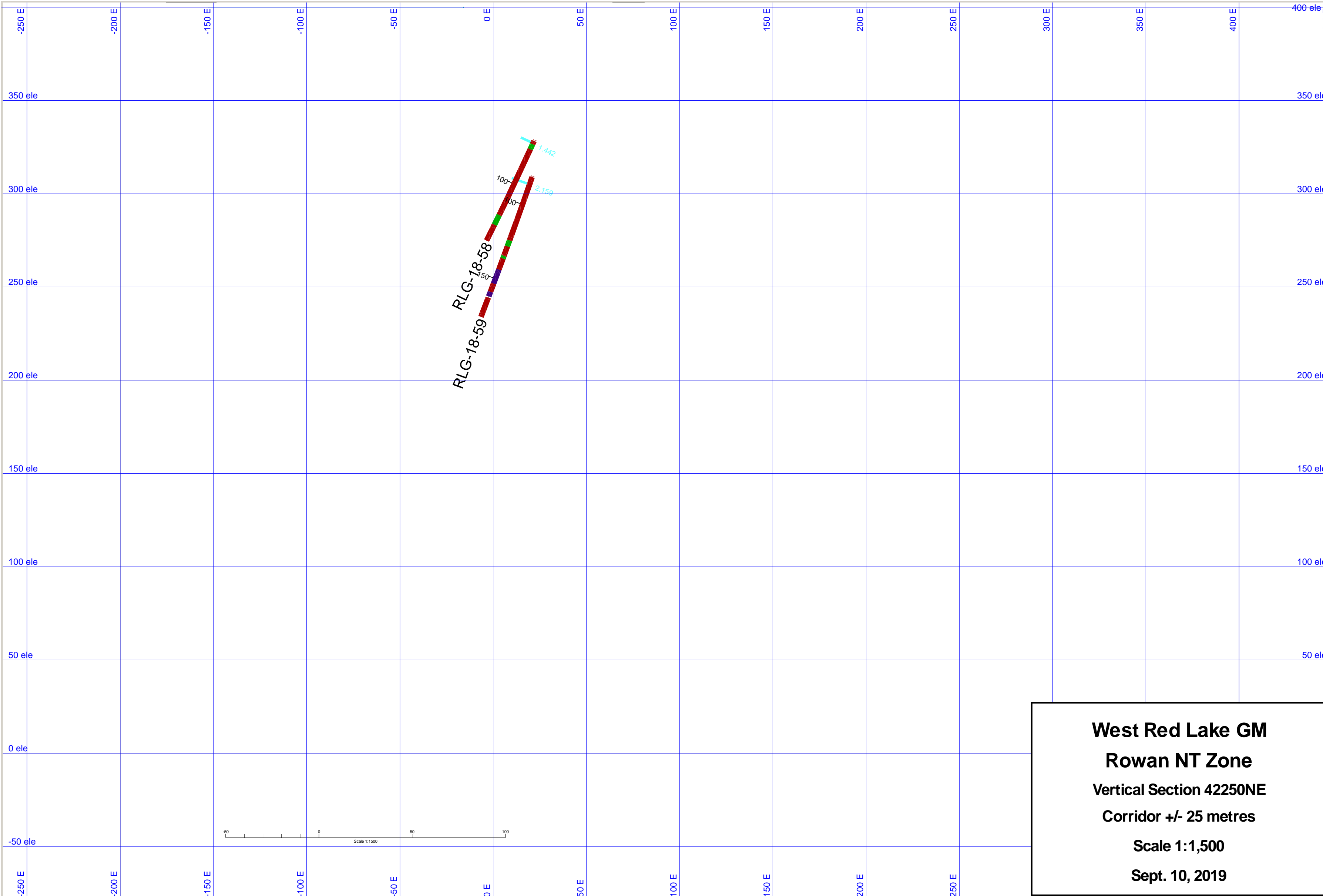




**Sections are
looking NE**

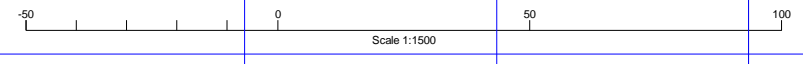
NW ←

**West Red Lake GM
Rowan NT Zone
Vertical Section 42200NE
Corridor +/- 25 metres
Scale 1:1,500
Sept. 10, 2019**

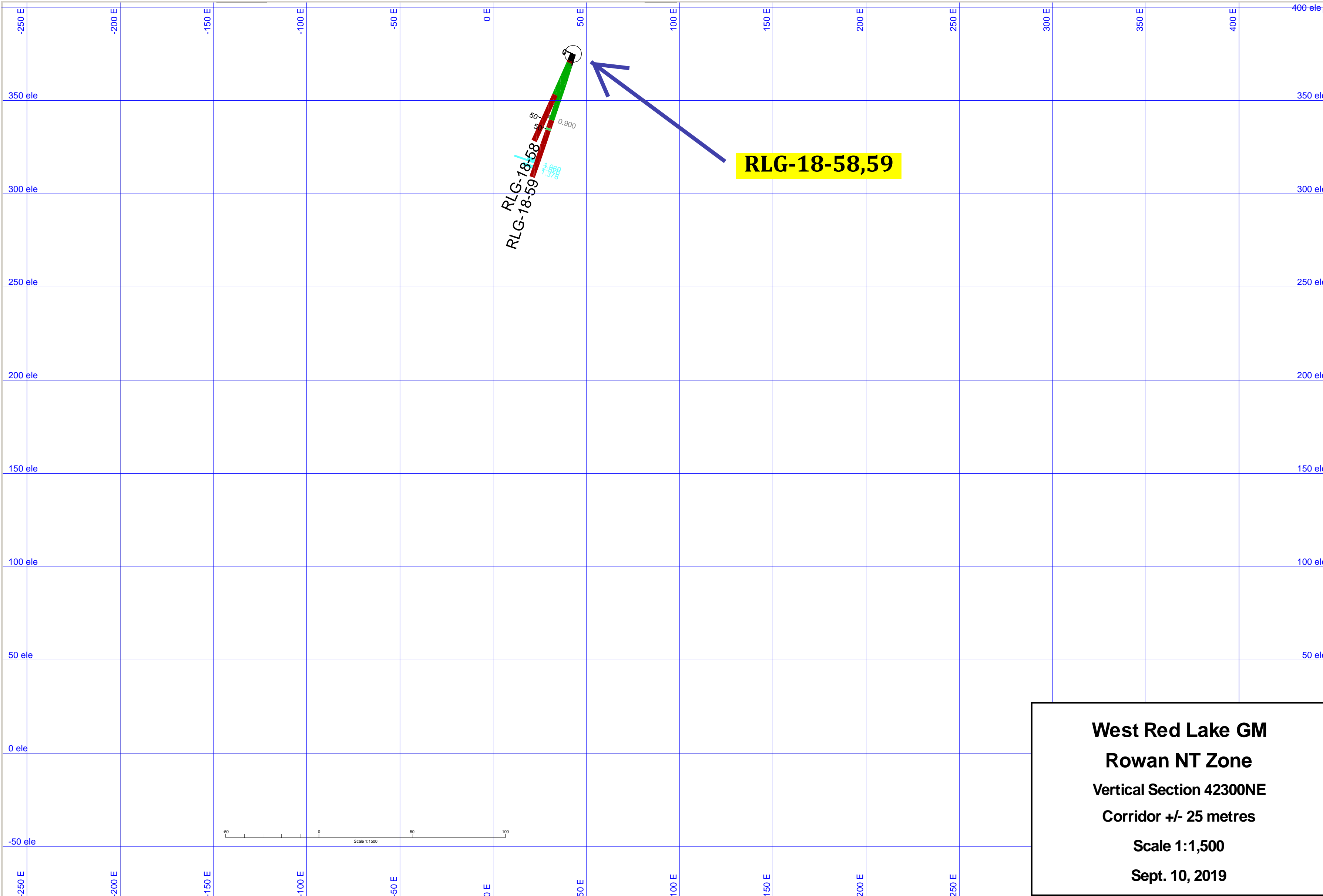


RLG-18-58
RLG-18-59

1.442
2.159



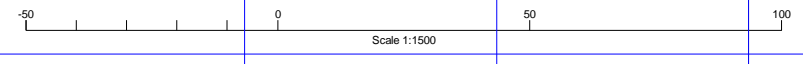
West Red Lake GM
Rowan NT Zone
Vertical Section 42250NE
Corridor +/- 25 metres
Scale 1:1,500
Sept. 10, 2019



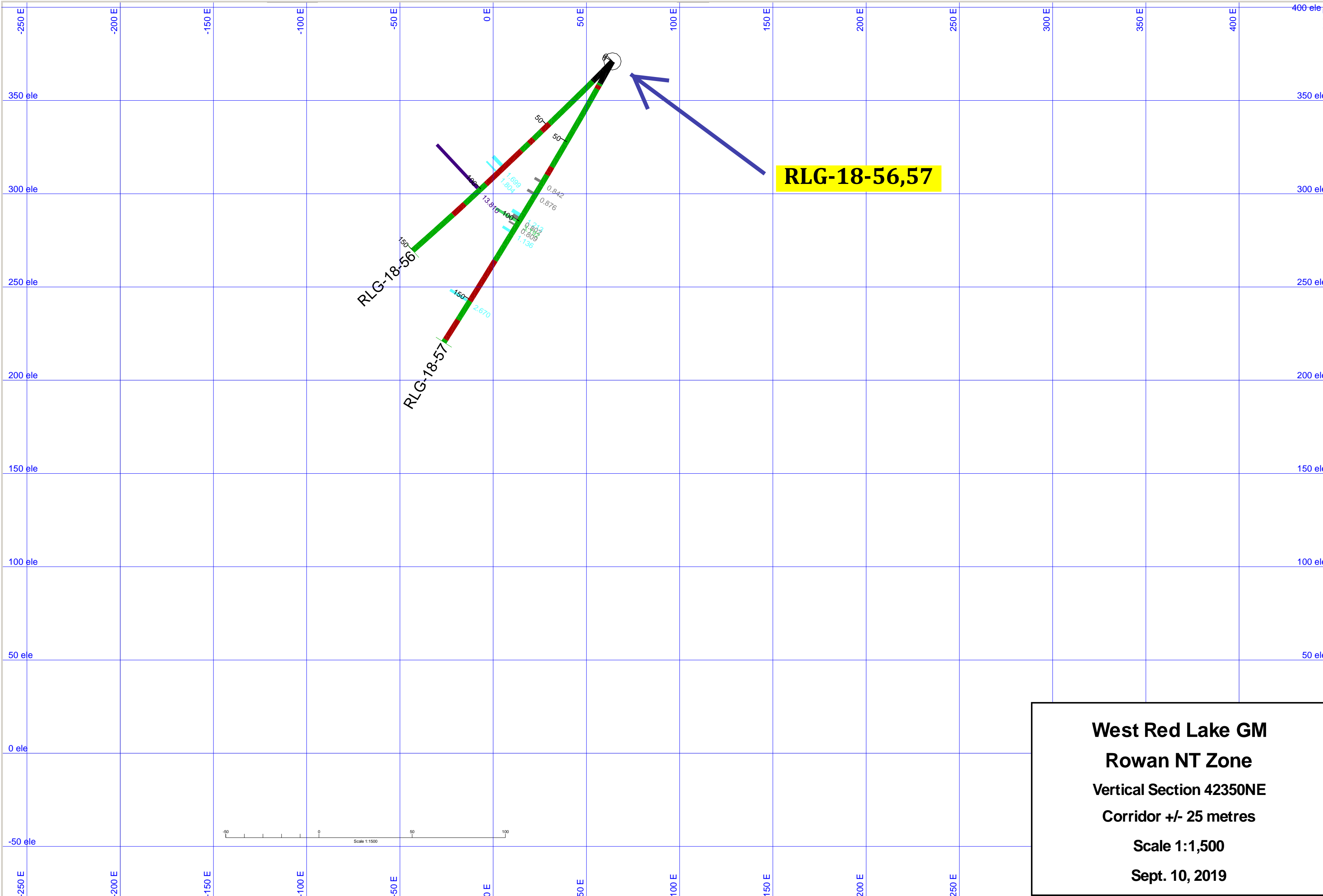
RLG-18-58,59

RLG-18-58
RLG-18-59

50
50
0.900
2.880
1.375



West Red Lake GM
Rowan NT Zone
Vertical Section 42300NE
Corridor +/- 25 metres
Scale 1:1,500
Sept. 10, 2019

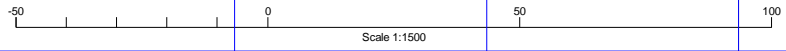


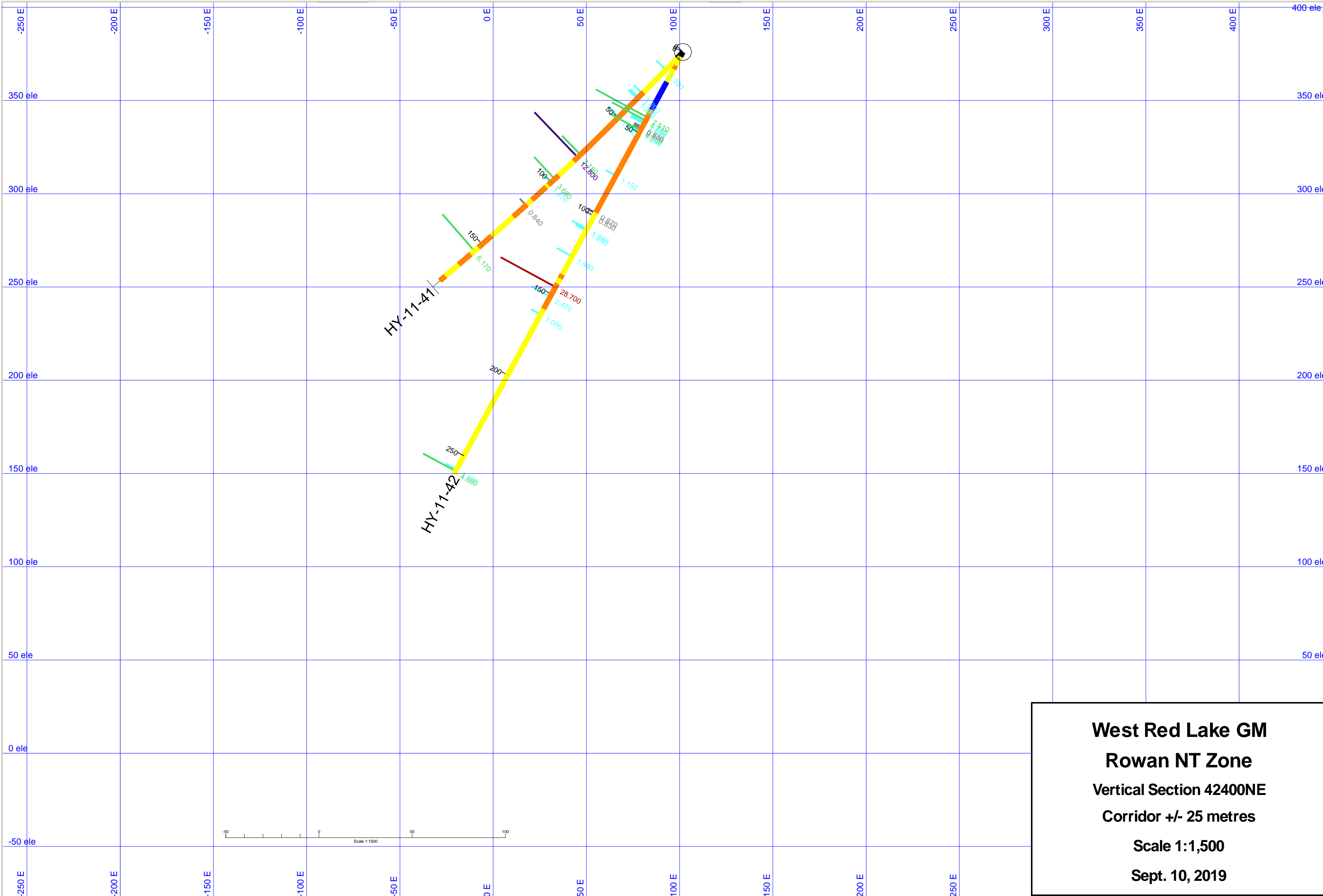
RLG-18-56,57

RLG-18-56

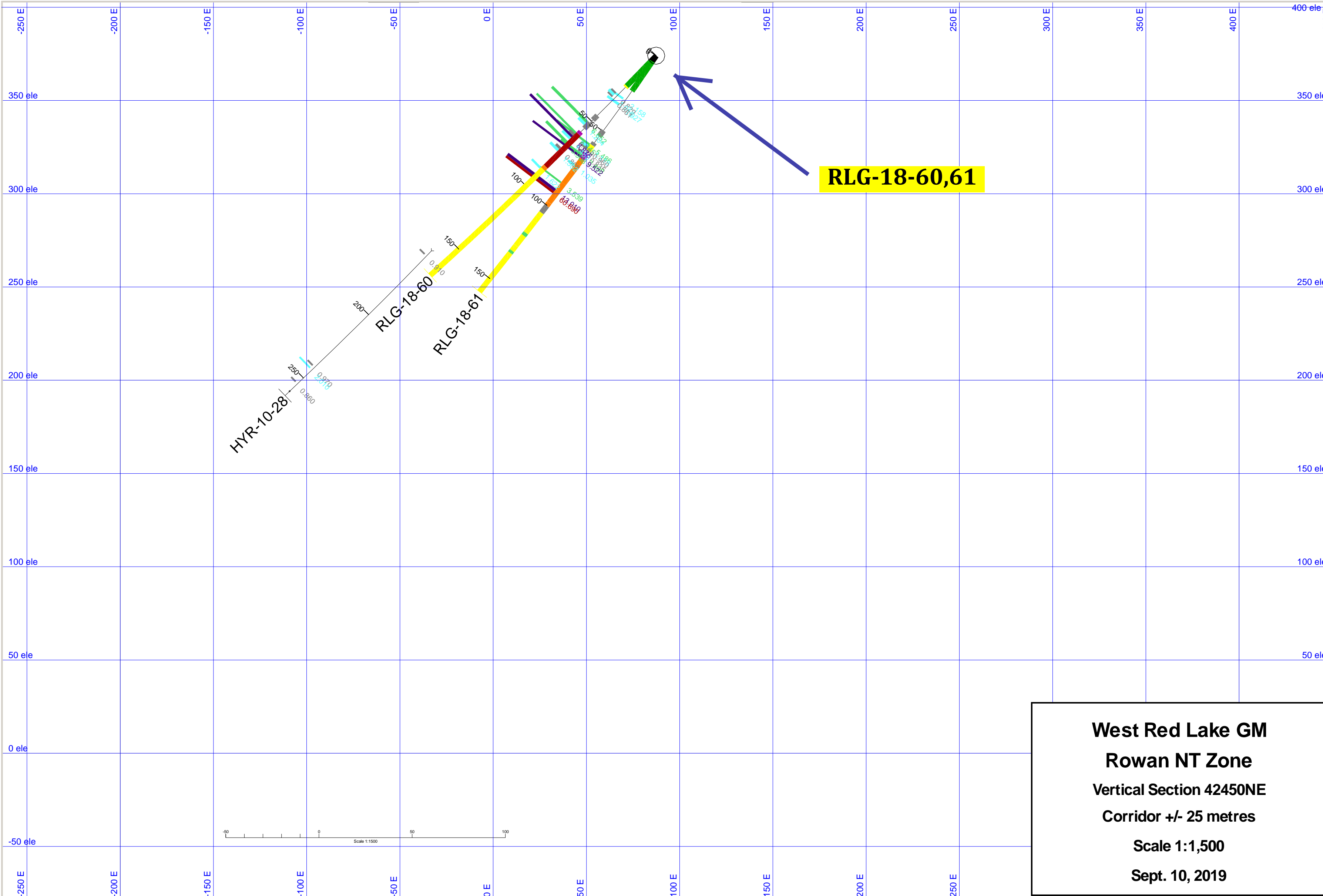
RLG-18-57

West Red Lake GM
Rowan NT Zone
Vertical Section 42350NE
Corridor +/- 25 metres
Scale 1:1,500
Sept. 10, 2019

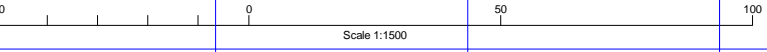




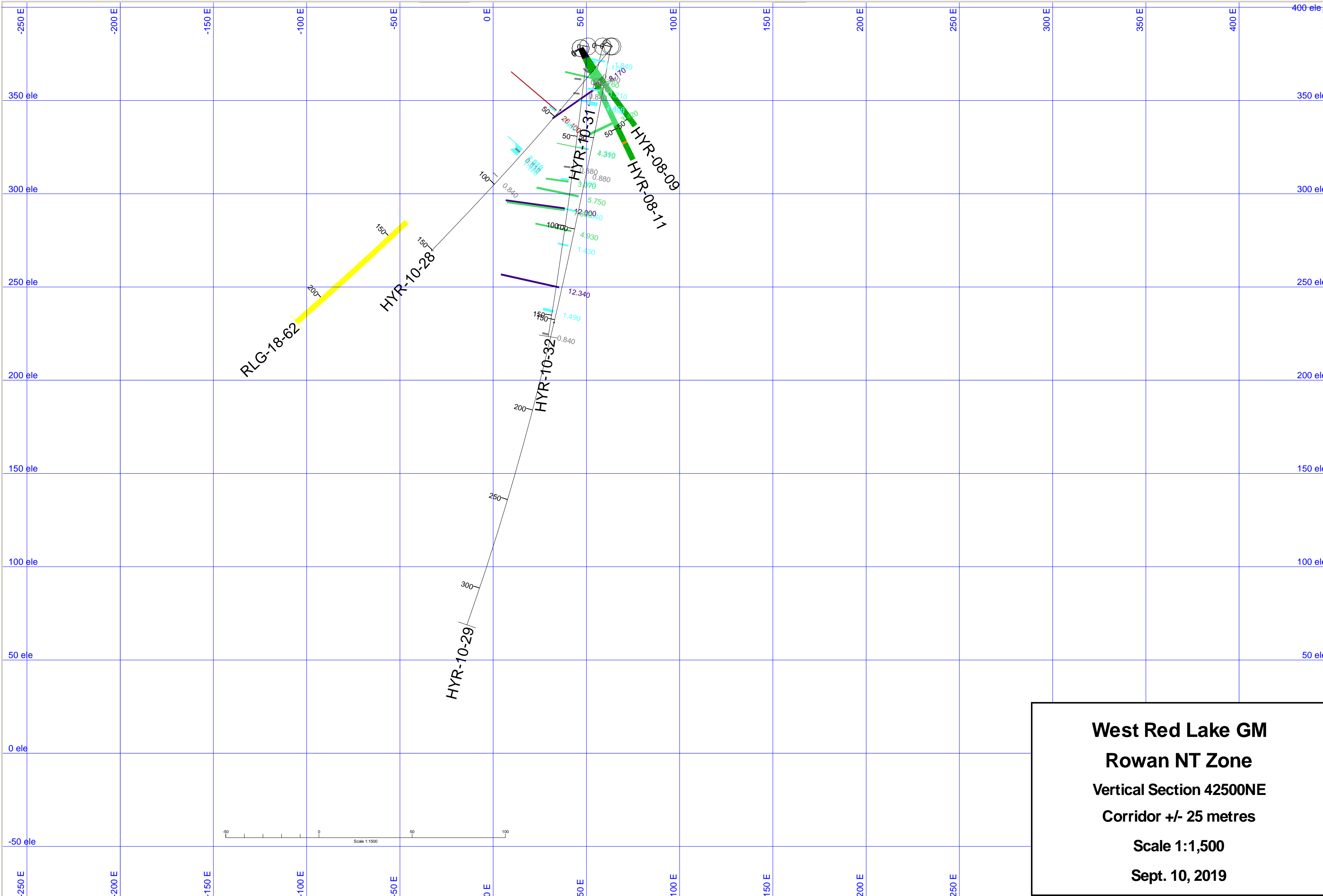
West Red Lake GM
Rowan NT Zone
Vertical Section 42400NE
Corridor +/- 25 metres
Scale 1:1,500
Sept. 10, 2019



RLG-18-60,61



West Red Lake GM
Rowan NT Zone
Vertical Section 42450NE
Corridor +/- 25 metres
Scale 1:1,500
Sept. 10, 2019



APPENDIX I

Claims List

Prefix	Tenure	ease	Parcel	Tenure Type	Township	Size (Ha)	PIN#
KRL	6178	8191	337	Patented MR & SR	Todd	9.1	42003-0063
KRL	6179	8192	338	Patented MR & SR	Todd	18.26	42003-0064
KRL	6180	8193	339	Patented MR & SR	Todd	11.45	42003-0051
KRL	6181	8194	340	Patented MR & SR	Todd	15.63	42003-0052
KRL	7336	8190	336	Patented MR & SR	Todd	10.45	42003-0055
KRL	7337	8207	348	Patented MR & SR	Todd	13.88	42003-0142
KRL	7338	8195	341	Patented MR & SR	Todd	15.08	42003-0067
KRL	8167	8863	829	Patented MR & SR	Todd	15.62	42003-0053
KRL	8168	8864	830	Patented MR & SR	Todd	19.8	42003-0056
KRL	8169	8865	831	Patented MR & SR	Todd	28.53	42003-0017
KRL	8170	8866	832	Patented MR & SR	Todd	18.82	42003-0018
KRL	8171	8867	833	Patented MR & SR	Todd	15.03	42003-0019
KRL	8571	8928	874	Patented MR & SR	Todd	16.22	42003-0054
KRL	8572	8929	875	Patented MR & SR	Todd	20.58	42003-0065
KRL	8573	8930	876	Patented MR & SR	Todd	16.24	42003-0066
KRL	8606	8931	877	Patented MR & SR	Todd	10.86	42003-0075
KRL	9633	8932	878	Patented MR & SR	Todd	20.46	42003-0023
KRL	9634	8933	879	Patented MR & SR	Todd	12	42003-0024
KRL	9635	8934	880	Patented MR & SR	Todd	11.18	42003-0025
KRL	9635A	8935	881	Patented MR & SR	Todd	16.67	42003-0026
KRL	9636	8936	882	Patented MR & SR	Todd	29.56	42003-0070
KRL	9637	8937	883	Patented MR & SR	Todd	29.84	42003-0071
KRL	9638	8938	884	Patented MR & SR	Todd	27.5	42003-0028
KRL	9800	13155	2629	Patented MR & SR	Todd	15.09	42003-0096
KRL	9801	13156	2630	Patented MR & SR	Todd	15.62	42003-0097
KRL	9802	13157	2631	Patented MR & SR	Todd	12.47	42003-0098
KRL	9999	8868	834	Patented MR & SR	Todd	15.79	42003-0050
KRL	10000	8869	835	Patented MR & SR	Todd	17.31	42003-0062
KRL	10070-LO	10009		Lic. of Occupation MLO	Todd	6.7	
KRL	10070	8870	836	Patented MR & SR	Todd	14.89	42003-0068
KRL	10357	8871	837	Patented MR & SR	Todd	22.74	42003-0029
KRL	10371	8872	838	Patented MR & SR	Todd	23.23	42003-0030
KRL	10372	8873	839	Patented MR & SR	Todd	16.18	42003-0022
KRL	10392	8874	840	Patented MR & SR	Todd	17.5	42003-0013
KRL	10403	8875	841	Patented MR & SR	Todd	11.68	42003-0061
KRL	10404	8876	842	Patented MR & SR	Todd	13.64	42003-0073
KRL	10405	8877	843	Patented MR & SR	Todd	13.45	42003-0074
KRL	10406	8878	844	Patented MR & SR	Todd	12.46	42003-0072
KRL	10407	8879	845	Patented MR & SR	Todd	13.56	42003-0085
KRL	10408	8880	846	Patented MR & SR	Todd	10.37	42003-0086
KRL	10434	8881	847	Patented MR & SR	Todd	13.05	42003-0020
KRL	10435	8882	848	Patented MR & SR	Todd	18.11	42003-0021
KRL	10553	8883	849	Patented MR & SR	Todd	17.98	42003-0069
KRL	10563	8884	850	Patented MR & SR	Todd	13.1	42003-0091

Prefix	Tenure	ease	Parcel	Tenure Type	Township	Size (Ha)	PIN#
KRL	10564	8885	851	Patented MR & SR	Todd	12.06	42003-0090
KRL	10603-LO	12070		Lic. of Occupation MLO	Todd	5.36	
KRL	10603	13158	2632	Patented MR & SR	Todd	4.76	42003-0092
KRL	11115	9187	1062	Patented MR & SR	Todd	15.32	42003-0095
KRL	30799	14482	3501	Patented MR & SR	Todd	14.64	42003-0077
KRL	30835-LO	12473		Lic. of Occupation MLO	Todd	5.35	
KRL	200005	107258	589	Lease MRO	Todd	11.44	42003-0114
KRL	200006	107258	589	Lease MRO	Todd	17.86	42003-0114
KRL	200007	107258	589	Lease MRO	Todd	12.57	42003-0114
KRL	200008	107258	589	Lease MRO	Todd	4.94	42003-0114
KRL	200009	107258	589	Lease MRO	Todd	14.63	42003-0114
KRL	200010	107258	589	Lease MRO	Todd	17.15	42003-0114
KRL	200011	107258	589	Lease MRO	Todd	13.62	42003-0114
KRL	200012	107258	589	Lease MRO	Todd	21.3	42003-0114
KRL	200013	107258	589	Lease MRO	Todd	12.56	42003-0114
KRL	200276	107258	589	Lease MRO	Todd	18.31	42003-0114
KRL	200277	107258	589	Lease MRO	Todd	16.05	42003-0114
KRL	200278	107258	589	Lease MRO	Todd	12.04	42003-0114
KRL	200279	107258	589	Lease MRO	Todd	14.15	42003-0114
KRL	541952	106125	2097	Lease MRO	Todd	29.11	42003-0113
KRL	541953	106125	2097	Lease MRO	Todd	21.2	42003-0113
KRL	541954	106125	2097	Lease MRO	Todd	14.8	42003-0113
KRL	563661	106125	2097	Lease MRO	Todd	12.48	42003-0113
KRL	563662	106125	2097	Lease MRO	Todd	11.63	42003-0113
	541924			Unpatented	Hammell Lake	16	
	541925			Unpatented	Hammell Lake	16	
	541926			Unpatented	Hammell Lake	16	
	541927			Unpatented	Hammell Lake	16	
	541928			Unpatented	Hammell Lake	16	
	541929			Unpatented	Hammell Lake	16	
	541930			Unpatented	Hammell Lake	16	
	541931			Unpatented	Hammell Lake	16	
	541932			Unpatented	Hammell Lake	16	
	541933			Unpatented	Hammell Lake	16	
	541934			Unpatented	Hammell Lake	16	
	541935			Unpatented	Hammell Lake	16	
	541936			Unpatented	Hammell Lake	16	
	541937			Unpatented	Hammell Lake	16	
	541938			Unpatented	Hammell Lake	16	
	541939			Unpatented	Hammell Lake	16	
	541940			Unpatented	Hammell Lake	16	
	541941			Unpatented	Hammell Lake	16	
	541942			Unpatented	Hammell Lake	16	
	541943			Unpatented	Hammell Lake	16	

Prefix	Tenure	ease	Parcel	Tenure Type	Township	Size (Ha)	PIN#
	541944			Unpatended	Hammell Lake	16	
	541945			Unpatended	Hammell Lake	16	
	541946			Unpatended	Hammell Lake	16	
	541947			Unpatended	Hammell Lake	16	
	541948			Unpatended	Hammell Lake	16	
	541949			Unpatended	Hammell Lake	16	
	541950			Unpatended	Hammell Lake	16	
	541951			Unpatended	Hammell Lake	16	
	563036			Unpatended	Hammell Lake	16	
	563666			Unpatended	Todd	16	
	563667			Unpatended	Todd	16	
	563668			Unpatended	Todd	16	
	563669			Unpatended	Todd	16	
	563946			Unpatended	Hammell Lake	16	
	563947			Unpatended	Hammell Lake	16	
	563948			Unpatended	Hammell Lake	16	
	563949			Unpatended	Hammell Lake	16	
	563950			Unpatended	Hammell Lake	16	
	623493			Unpatended	Todd	16	
	1144316			Unpatended	Hammell Lake	32	
	1184146			Unpatended	Todd	32	
	1184861			Unpatended	Hammell Lake	16	
	1184862			Unpatended	Fairlie	80	
	1184863			Unpatended	Fairlie	32	
	1218922			Unpatended	Hammell Lake	16	
	1218923			Unpatended	Hammell Lake	64	
	1234138			Unpatended	Hammell Lake	48	
	1234139			Unpatended	Hammell Lake	128	
	1234151			Unpatended	Hammell Lake	64	

APPENDIX II

Diamond Drill Logs

Surv... RLG-18-55

WEST RED LAKE GOLD MINES

East	422060.0
North	5657400.0
Elevation	373.0

Azimuth: 352.00°

Dip: -74.00°

Length: 1065.00

Section: 422060

Claims title:

Township: Todd

Core storage Rowan Lake

Start date: 2018-03-04

End date:

Description date: 2018-03-02

Author: K.Guy

Contractor: Chibougamau

Down hole survey

Type	Depth	Azimuth	Dip	Invalid ...
Reflex EZ shot	18.00	354.30°	-75.30°	No
Reflex EZ shot	69.00	348.80°	-73.30°	No
Reflex EZ shot	120.00	347.00°	-71.90°	No
Reflex EZ shot	171.00	347.40°	-71.40°	No
Reflex EZ shot	222.00	347.80°	-71.20°	No
Reflex EZ shot	273.00	348.20°	-71.30°	No
Reflex EZ shot	324.00	346.30°	-70.70°	No

Type	Depth	Azimuth	Dip	Invalid ...
Reflex EZ shot	375.00	347.50°	-70.30°	No
Reflex EZ shot	426.00	344.70°	-69.90°	No
Reflex EZ shot	477.00	346.60°	-69.70°	No
Reflex EZ shot	528.00	348.00°	-68.70°	No
Reflex EZ shot	582.00	347.60°	-67.20°	No
Reflex EZ shot	633.00	349.50°	-65.20°	No
.....

Number of samples: 250

Total sampled length: 475.40

Number of QAQC samples: 15

NQ size core

From	To	Title	From	To	Title
0.00	9.00	Casing	414.40	423.50	Quartz feldspar porphyry - altered
9.00	48.00	Mafic volcanic - altered - flow texture	423.50	498.00	Mafic volcanic - flow texture
48.00	51.10	Quartz feldspar porphyry - altered	498.00	582.60	Mafic volcanic - altered - flow texture
51.10	54.50	Mafic volcanic - altered - flow texture	582.60	620.00	Mafic volcanic - flow texture
54.50	58.40	Quartz feldspar porphyry - altered	620.00	636.80	Mafic volcanic - altered - flow texture
58.40	76.10	Mafic volcanic - altered - flow texture	636.80	793.90	Mafic volcanic - flow texture
76.10	99.90	Quartz feldspar porphyry - altered	793.90	802.20	Mafic volcanic - altered - flow texture
99.90	175.50	Mafic volcanic - flow texture	802.20	813.00	Mafic volcanic - flow texture
175.50	197.50	Ultramafic volcanic - komatiitic ultramafic	813.00	820.80	Mafic volcanic - altered - flow texture
197.50	216.00	Ultramafic-Carb Rx; Altered strong	820.80	827.80	Mineralized Zone
216.00	255.00	Ultramafic volcanic - altered - flow texture	827.80	859.50	Mafic volcanic - flow texture
255.00	274.50	Mafic volcanic - altered - flow texture	859.50	869.10	Mafic volcanic - altered - flow texture
274.50	345.30	Ultramafic volcanic - massive texture	869.10	932.40	Felsic Intrusive, Feldspar Porphyry
345.30	349.60	Mafic volcanic - altered - flow texture	932.40	1019.50	Mafic volcanic - flow texture
349.60	366.00	Quartz feldspar porphyry - altered	1019.50	1065.00	Mafic volcanic - altered - flow texture
366.00	414.40	Ultramafic volcanic - massive texture			

Description			Assay - Sample					
			From	To	Samp...	Au (g / t)	Description	
0.00	9.00	Casing no overburden recovered						
9.00	48.00	Mafic volcanic - altered - flow texture light to medium grey colour, massive, homogenous, medium grained, medium hardness sericite, plagioclase, ankerite / calcite usually at flow contacts or interflow interflow or contacts @30 dtca, cb, occasional py rich occasional shistose sections @25 dtca occasional qtz veins 1-3 cm usually parallel to schistosity 11-13 network of py generally conformable- 4% qtz veins- parallel to schistosity - 13.1(0.5cm), 14.9(1.0cm), 17.5(0.5cm), 22.9(2.0cm), 23.9(0.5cm), 24.5(1.0cm), 25.1(0.5cm), 34.7(2.0cm), 34.9(1.0cm), 39.2, 39.8, 40.1, 21.9 - 2cm qtz/ank/py vein/interflow 7%py 35.4-35.7 - qtz/ank/ser 5% py	11.00	13.00	9639	0.032		
			13.00	15.00	9640	0.077		
			15.00	17.00	9641	0.031		
			17.00	18.50	9642	0.045		
			18.50	20.00	9643	0.028		
			20.00	21.80	9644	0.035		
			21.80	23.30	9645	0.013		
			23.30	25.00	9646	0.010		
			32.50	34.50	9647	0.020		
			34.50	36.00	9648	0.274		
			36.00	38.00	9649	0.049		
			39.00	41.00	9651	2.021		
			41.00	43.00	9652	0.020		
			43.00	45.00	9653	<0.005		
			45.00	47.00	9654	0.006		
			47.00	49.00	9655	<0.005		
48.00	51.10	Quartz feldspar porphyry - altered white to grey colour with occasional light buff sections, massive, homogenous, medium grained, medium hardness 20% qtz porphyroblasts 1-3mm, matrix is grey to light buff colour, sericite, weak ankerite sharp contacts @30 DTCA weak schistosity @30 DTCA occasional qtz veins 1-3 cm usually parallel to schistosity	49.00	51.00	9656	<0.005		
			51.00	53.00	9657	<0.005		
51.10	54.50	Mafic volcanic - altered - flow texture light to medium grey colour, more flow textured than above, flow contacts, amygdules, medium grained, medium hardness sericite, plagioclase, increased carbonate - calcite and occasional ankerite usually at flow contacts 53.2-53.9 buff QFP as above	53.00	55.00	9658	0.010		
54.50	58.40	Quartz feldspar porphyry - altered buff colour, massive, homogenous, medium grained, medium hardness	55.00	57.00	9659	0.005		
			57.00	58.50	9660	0.094		

Description		Assay - Sample					
		From	To	Samp...	Au (g / t)	Description	
58.40	76.10	20% qtz porphyroblasts 1-3mm, matrix is buff colour, sericite, ankerite, tr tourmaline					
		sharp contacts @35 DTCA					
		weak schistosity @35 DTCA					
		Qtz veinlets, 0.5 to 1.0 cm, conformable to schistosity @ 54.8, 55.7, 56.2, 57.2					
76.10	99.90	Mafic volcanic - altered - flow texture	58.50	60.50	9661	0.007	
		light to medium grey colour, more flow textured than above, flow contacts, amygdules, medium grained, medium hardness	60.50	61.50	9662	<0.005	
		sericite, plagioclase, increased ankerite pervaisive throughout and in veinlets to 61.4 ankerite veins, minor qtz @ 30 to 40 dtca	61.50	63.50	9663	<0.005	
		from 64 increasing chlorite, calcite, decreasing sericite, ankerite	63.50	65.50	9664	0.049	
		Quartz feldspar porphyry - altered	75.90	78.00	9665	<0.005	
		white to grey colour with occasional light buff sections, massive, homogenous, medium grained, medium hardness	78.00	79.50	9666	<0.005	
		sharp contacts @40 DTCA	79.50	81.00	9668	<0.005	
		weak schistosity @40 DTCA	81.00	82.50	9669	0.013	
		20% qtz porphyroblasts 1-3mm, matrix is grey to light buff colour, sericite, ankerite, trace tourmaline	82.50	84.00	9670	<0.005	
		occasional more buff coloured areas-ankerite	84.00	86.00	9671	0.060	
		81.2-81.9 assimilated mafic volcanic as above, very calcite rich with a 5cm qtz-ank vein @ 45dtca	86.00	88.00	9672	<0.005	
		from 84 increasing tourmaline in veinlets and on contacts	88.00	90.00	9673	<0.005	
		porphyroblasts occasionally are tourmaline rich- black colour	90.00	92.00	9674	<0.005	
		84.3 - 5cm Qtz/ank/ser/tour vein @40 dtca	92.00	94.00	9675	<0.005	
		90-93 many conformable tourmaline rich sections/veins 40 dtca 0.5-1cm	94.00	96.00	9676	0.047	
		99.90	175.50	Mafic volcanic - flow texture	96.00	98.00	9677	<0.005
dark green to blackish colour, massive, flow textured, flow contacts, amygdules, medium grained, medium hardness	98.00			100.20	9678	<0.005	
chlorite/biotite, plagioclase, calcite pervaisive throughout and in veinlets	100.20			102.00	9679	0.006	
calcite replacement of amygdules, occasional garnet 0.2-0.7 cm	104.40			106.50	9680	0.009	
104.5-104.6 shattered 1.5 cm qv, py halos 2%	106.50			107.80	9681	0.006	
106.5-107.5 QFP as above, buff colour, ankerite, tourmaline	107.80			110.00	9682	<0.005	
123.5-132 - 7-10% QV, 2-5cm, mostly at 50-65 dtca	110.00			112.00	9683	<0.005	
142.9-143.4 silicified, random QV, 2%py	123.40			125.70	9685	<0.005	
160.8-163.4 talc, calcite, ultramafic, random QV	125.70			128.00	9686	<0.005	
	128.00			130.00	9687	<0.005	
	130.00	132.00	9688	<0.005			

Description		Assay - Sample								
		From	To	Samp...	Au (g / t)	Description				
175.50	197.50	Ultramafic volcanic - komatiitic ultramafic black to dark green colour, massive serpentine, chlorite, calcite veinlets throughout @random orientations mostly massive with occasional brecciated/polysutures occasional talcose seams	142.50	144.50	9689	0.109				
			151.50	153.50	9690	0.022				
			160.70	162.70	9691	0.117				
			162.70	164.70	9692	0.031				
			178.00	180.00	9693	<0.005				
			184.50	186.00	9694	0.015				
			194.50	196.50	9695	0.020				
			196.50	198.00	9696	0.009				
			197.50	216.00	Ultramafic-Carb Rx; Altered strong Carb Rock black, grey, white colour, massive, to brecciated, polysutures carbonate, predominately calcite with ankerite, biotite, sericite, serpentine, talcose seams entire rock is carbonatized with sections of white calcite/ankerite brecciated/polysutured sections of white carb matrix with biotite,carb fragments 216.2 - 2cm QV @20 dtca	198.00	200.00	9697	0.021	
						200.00	202.00	9698	0.008	
202.00	204.00	9699				0.015				
212.00	214.00	9701				0.017				
214.00	216.00	9702				0.012				
216.00	255.00	Ultramafic volcanic - altered - flow texture black to dark green colour, massive, flow textured, flow contacts, amygdules, medium grained, medium hardness chlorite/biotite, plagioclase, serpentine, garnet, ankerite pervasive throughout and in veinlets occasional sections of serpentine, ankerite calcite replacement of amygdules, occasional garnet 0.2-0.7 cm occasional garnetiferous sections calcite to 219 then pervasive ankerite 222-224 - 5% qtz-ankerite veinlets, 0.1-0.3 cm commonly @50 dtca 233.5-236.5 flowtop, biotite, garnet ankerite with ankerite /quartz vein, masses, 3-5% py with - QV, boudinaged, 0.5-1cm 242.1-242.9 massive ankerite calcite, 3% py - greenish colour, medium hardness 248.5-250.3 ankerite with qtz masses and minor qv, 5% py	216.00	218.00	9703	0.036				
			222.00	224.00	9704	0.018				
			231.50	233.50	9705	0.037				
			233.50	235.00	9706	0.016				
			235.00	236.60	9707	0.056				
			236.60	238.60	9708	0.048				
			241.50	243.00	9709	0.035				
			247.30	248.50	9710	0.009				
			248.50	250.30	9711	0.076				
			250.30	252.00	9712	0.018				
			255.00	274.50	Mafic volcanic - altered - flow texture black to grey colour, flow textured, flow contacts, amygdules, medium grained, medium hardness biotite, plagioclase, garnets increased carbonate - ankerite usually at flow	263.50	265.50	9713	0.147	

Description		Assay - Sample					
		From	To	Samp...	Au (g / t)	Description	
274.50	345.30	contacts, occasional sericitic intervals					
		biotite garnet rich intervals					
		ankerite and garnet replacement of amygdules					
		294.5-295.2 QV @ 45 dtca, 2%py, chlorite, ankerite					
		decreasing biotite, increasing sericite downhole					
		increasing Komatiitic downhole - slight serpentine					
		327.2-334 qtz masses and qv @ 45 dtca 2% py					
		Ultramafic volcanic - massive texture	294.00	296.00	9714	0.023	
345.30	349.60	black to dark green colour, massive, fine grained, soft	309.00	311.00	9715	0.012	
		serpentine, chlorite, slight calcite	318.00	320.00	9716	0.048	
		slight fabric @30-35 dtca	327.00	328.50	9718	0.007	
			328.50	330.00	9719	0.008	
			330.00	332.00	9720	0.036	
			332.00	334.00	9721	0.012	
			345.00	346.50	9722	<0.005	
		Mafic volcanic - altered - flow texture	346.50	348.00	9723	0.077	
349.60	366.00	light to medium grey colour, amygdules, medium grained, medium hardness	348.00	350.00	9724	<0.005	
		sericite, plagioclase, increased carbonate - calcite and occasional ankerite					
		usually at flow contacts					
		346.6 - 3cm QV @45 dtca, 347.1 - 1cm QV @ 35 dtca, 347.7 - 2cm QV @45 dtca, 348.2 - 1cm QV @25 dtca					
		Quartz feldspar porphyry - altered	350.00	352.00	9725	<0.005	
		white to grey colour with occasional light buff sections, massive,	352.00	354.00	9726	0.005	
		homogenous, medium grained, medium hardness	354.00	356.00	9727	<0.005	
		sharp contacts @25 dtca, weak schistosity @15 dtca	356.00	358.00	9728	<0.005	
366.00	414.40	30% qtz porphyroblasts 1-3mm, matrix is grey to light buff colour, sericite, ankerite	358.00	360.00	9729	0.015	
		350.4 - 1.5cm QV @ 35 dtca, 3551.3 - 1.0cm QV @ 50 dtca, 3 - 1.5cm QV @ 35 dtca	360.00	362.00	9730	0.009	
		352.1-352.6 - 4 x QV , 1.0 to 2.0 cm @ 30 to 50 dtca	362.00	364.00	9731	0.012	
		357-360 fault zone, broken, blocky core, 10% QV	364.00	366.00	9732	<0.005	
		from 357 decreasing ankerite, increasing calcite and decreasing qtz veining					
		Ultramafic volcanic - massive texture	366.00	368.00	9738	0.026	
		black to dark green colour, massive, fine grained, soft	386.50	388.00	9733	0.029	
		serpentine, chlorite, calcite veinlets @ randon orientations	396.00	398.00	9735	<0.005	
slight fabric @25-30 dtca	398.00	400.00	9736	<0.005			

Description		Assay - Sample					
		From	To	Samp...	Au (g / t)	Description	
414.40	423.50	387-387.7 qtz-py rich section	400.00	401.00	9737	0.024	
		396-400.5 altered section, sericite, ankerite, buff colour, medium grained, occasional qtz veinlets	414.00	416.00	9739	0.013	
		Quartz feldspar porphyry - altered	416.00	418.00	9740	0.005	
		white to grey colour with occasional light buff sections, massive, homogenous, medium grained, medium hardness	418.00	420.00	9741	<0.005	
		sharp contacts @15 dtca, weak schistosity @10 dtca	420.00	422.00	9742	<0.005	
		30% qtz porphyroblasts 1-3mm, matrix is grey to light buff colour, sericite, calcite	422.00	424.00	9743	0.037	
423.50	498.00	414.5 - 5cm QV @ 45 dtca					
		Mafic volcanic - flow texture	433.00	435.00	9744	0.046	
		dark green to blackish, to grey colour, massive, flow textured, flow contacts, amygdules, medium grained, medium hardness	460.00	462.00	9745	0.011	
		very strong chlorite, plagioclase, calcite in veinlets and amygdules, occasional garnet amygdules	466.00	468.00	9746	0.025	
		calcite replacement of amygdules, occasional garnet 0.2-0.7 cm	468.00	470.00	9747	0.030	
		from 457 increasing biotite and ankerite, decreasing chlorite and calcite	470.00	472.00	9748	0.034	
		470.3 5cm QV @45 dtca, tr aspy	472.00	474.00	9749	0.045	
		472.9 5cm QV @45 dtca tr py	474.00	476.00	9751	0.036	
		477 3cmQV @90 dtca tr py	476.00	478.00	9752	0.041	
		496.7-497.2 flow top, ankerite, 2% po,py	478.00	480.00	9753	0.687	
			480.00	482.00	9754	0.087	
			482.00	484.00	9755	0.034	
			484.00	486.00	9756	0.044	
			486.00	488.00	9757	0.012	
			492.00	494.00	9758	0.026	
498.00	582.60	494.00	496.00	9759	0.141		
		496.00	498.00	9760	0.033		
		Mafic volcanic - altered - flow texture	498.00	500.00	9761	0.029	
		light to medium grey colour, amygdules, medium grained, medium hardness	507.00	509.00	9762	0.019	
		sericite, plagioclase, increased carbonate - calcite and occasional ankerite usually at flow contacts	509.00	510.50	9763	0.026	
		508 -1cm qv @ 40 dtca, po	510.50	512.00	9764	0.047	
		511.1 - 1.5 cm qv @ 40 dtca, py	512.00	514.00	9765	<0.005	
		516.2 - 2 cm qv @ 80 dtca	514.00	516.00	9766	<0.005	
		516.5 - 2cm lamination of 10% sph, py @ 30 dtca	516.00	518.00	9768	0.274	
	522-522.7 2 x 1cm qv @50 dtca 3%py						

Description	Assay - Sample				
	From	To	Samp...	Au (g / t)	Description
531-533.4 minor qv, 3% py, flowtop @40 dtca	520.00	522.00	9769	0.020	
544-546 occasional 1cm QV @45 dtca, 2%py	522.00	523.50	9770	0.027	
562.6 - 0.5cm qv @ 55 dtca, py halo	523.50	525.50	9771	0.009	
564-564.6 laminated py/sph @35 dtca	531.00	533.40	9772	0.042	
564.8 - 0.5 cm fracture, chl, aspy @35 dtca	535.00	537.00	9773	0.032	
568.8 - 2.5 cm quartz-ankerite vein @ 40 dtca	537.00	539.00	9774	0.019	
570.2-571.4 - 5% py fractures, qv's @ 35-55 dtca	540.00	542.00	9775	0.015	
from 559 increased minor qv's, 0.3-1cm, increased finely disseminated py to 2%	544.00	546.00	9776	0.026	
	555.00	557.00	9777	0.010	
	557.00	559.00	9778	0.156	
	559.00	561.00	9779	0.209	
	561.00	563.00	9780	0.021	
	563.00	565.00	9781	0.041	
	565.00	567.00	9782	0.040	
	567.00	569.00	9783	0.027	
	569.00	570.00	9785	0.038	
	570.00	572.00	9786	0.042	
	572.00	574.00	9787	0.055	
	574.00	576.00	9788	0.073	
	576.00	578.00	9789	0.038	
	578.00	580.00	9790	0.073	
	580.00	582.00	9791	0.059	
	582.00	584.00	9792	0.082	
582.60 620.00 Mafic volcanic - flow texture	584.00	586.00	9793	0.048	
dark green to blackish, to grey colour, massive, flow textured, flow contacts, amygdules, medium grained, fairly soft	589.00	591.00	9794	0.027	
very strong chlorite, plagioclase, calcite in veinlets and amygdules, occasional garnet amygdules	603.00	605.00	9795	0.017	
calcite replacement of amygdules, occasional garnet 0.2-0.7 cm	610.00	612.00	9796	0.014	
from 597 increasing biotite and ankerite, decreasing chlorite and calcite	612.00	614.00	9797	0.006	
from 618 decreasing biotite, increasing chlorite/sericite, calcite	614.00	616.00	9798	<0.005	
612.25 - 1.5 cm qv @ 60 dtca					
613.1-613.5 QV @40 dtca parallel to schistosity					

Description		Assay - Sample					
		From	To	Samp...	Au (g / t)	Description	
620.00	636.80	Mafic volcanic - altered - flow texture light to medium grey colour, amygdules, medium grained, medium hardness sericite, plagioclase, increased carbonate - ankerite 621.3 - 3cm QV @ 70 dtca 628.1 - 1.5 cm QV @ 75 dtca from 630 decreasing sericite, increasing chlorite and biotite 635.5-636.8 biotite rich, flow top/brecciated, qtz veining @ 45-55 dtca	621.00	623.00	9799	<0.005	
			628.00	630.00	9801	<0.005	
			635.00	637.00	9802	<0.005	
636.80	793.90	Mafic volcanic - flow texture dark green to blackish colour, massive, flow textured, flow contacts, amygdules, medium grained, fairly soft very strong chlorite, calcite in veinlets and amygdules calcite replacement of amygdules occasional sections of brecciated flow top, calcite, chlorite rich 658.7 - 2cmqv @50 dtca 660.05 - 1.5 cm qv @ 55 dtca 1cm qv's @ 45 dtca, 705.2, 705.4, 706.1 708.5 - 4cm qtz-calcite vein @ 45 dtca occasional sericitic section 1-2 m 751-754 flow top, 35% calcite veinlets, occasional qtz-cb veinlet 754-757 qtz-cb veins, 15% @ random orientations 757-760 flow top, 35% calcite veinlets, occasional qtz-cb veinlet 770-772 sericitic 789.4-789.8 Qtz rich area, parallel to schistosity @40dtca	657.80	660.00	9803	0.016	
			660.00	662.00	9804	<0.005	
			705.00	706.50	9805	<0.005	
			706.50	708.00	9806	0.037	
			711.00	713.00	9807	<0.005	
			751.00	753.00	9808	0.042	
			753.00	755.00	9809	0.057	
			755.00	757.00	9810	0.046	
			757.00	759.00	9811	0.051	
			759.00	761.00	9812	0.015	
			761.00	763.00	9813	0.025	
			763.00	765.00	9814	0.071	
			770.00	772.00	9815	0.374	
			772.00	774.00	9816	<0.005	
			774.00	776.00	9817	0.037	
785.00	787.00	9818	0.011				
787.00	789.00	9819	<0.005				
789.00	791.00	9820	0.010				
793.90	802.20	Mafic volcanic - altered - flow texture light to medium grey colour, amygdules, medium grained, medium hardness sericite, chlorite, ankerite, 30% ankerite schistose @ 40 dtca frothy, flow top texture	794.00	796.00	9821	0.018	
			798.00	800.00	9822	0.063	
			800.00	802.00	9823	0.033	
802.20	813.00	Mafic volcanic - flow texture black colour, massive, flow textured, flow contacts, amygdules, medium grained, fairly soft biotite, chlorite, calcite in veinlets and amygdules	811.00	813.00	9824	0.020	

Description		Assay - Sample					
		From	To	Samp...	Au (g / t)	Description	
813.00	820.80	calcite replacement of amygdules occasional sections of brecciated flow top, calcite, chlorite rich	813.00	815.00	9825	<0.005	
		Mafic volcanic - altered - flow texture	815.00	817.00	9826	0.017	
		medium grey colour, amygdules, medium grained, medium hardness	817.00	819.00	9827	0.013	
		sericite, biotite, chlorite, ankerite, 30% ankerite, 5% po as stringers, disseminations	819.00	820.50	9828	0.011	
		schistose @ 40 dtca	820.50	822.00	9829	0.009	
		frothy, flow top texture					
		817.6-818.7 sericitic, occasional py					
820.80	827.80	Mineralized Zone	822.00	823.50	9830	0.029	
		20-30% pyrrhotite (po), stringers, massive sections, almost a net textured appearance, tr py	823.50	825.00	9831	0.009	
		gangue of chlorite, sericite, biotite, ankerite, calcite, occasional veins of near massive po, parallel to schistosity	825.00	826.50	9832	0.407	
		824.4-824.6 qtz-ank-chl-po vein @ 40 dtca 25%po	826.50	828.00	9833	0.030	
		827.3 - 1.5 cm po-ank-chl vein @30 dtca					
827.80	859.50	Mafic volcanic - flow texture	828.00	830.00	9835	0.029	
		black to dark green colour, massive, flow textured, flow contacts, amygdules, medium grained, fairly soft	847.50	849.00	9836	0.038	
		chlorite, biotite, calcite in veinlets and amygdules	849.00	850.50	9837	0.024	
		calcite replacement of amygdules	850.50	852.00	9838	0.029	
		occasional sections of brecciated flow top, calcite, chlorite rich	852.00	854.00	9839	0.144	
		decreasing biotite downhole	854.00	856.00	9840	0.035	
		847.6 - 8 cm qtz-calcite @45 dtca					
		850.2 - 6 cm qtz-calcite @40 dtca					
		852.2-853 calcite, 10% po, flow top					
		855.1-855.4 Qtz Vein @ 30 dtca					
859.50	869.10	Mafic volcanic - altered - flow texture	859.50	861.00	9841	<0.005	
		light grey colour, amygdules, medium grained, medium hardness	861.00	863.00	9842	0.016	
		sericite, ankerite, 30% ankerite, 5% po as stringers, disseminations	863.00	865.00	9843	<0.005	
		schistose @ 40 dtca	865.00	867.00	9844	<0.005	
		increasing sericite, ankerite downhole	867.00	869.20	9845	0.025	
		weak Qtz Vein System - 10% QV @ 30 - 60 dtca, 1-10 cm					
		868.4 - 869.1 silicified chilled contact					
		Qtz Vein @ 859.6 (1.5cm,20 dtca), 861.9 (3cm,60 dtca), 863.8 (3cm,60 dtca), 864.7-2x1cm, 865.2 (10cm @ 35 dtca), 866.2 (3cm, 30 dtca), 866.5 (1cm,30 dtca), 867.6(2cm,50 dtca					
869.10	932.40	Felsic Intrusive, Feldspar Porphyry	869.20	871.00	9846	<0.005	

Description		Assay - Sample				
		From	To	Samp...	Au (g / t)	Description
932.40	1019.50 Mafic volcanic - flow texture pink to grey colour, very homogenous, moderately hard, medium grained feldspar, plagioclase, pyroxene increasing amphibole/pyroxene downhole from 886 increasing K-spar fractures @35 and 65 dtca occasional calcite veinlets at 35 dtca from 920 kspar halos on fractures, black to dark green colour, massive, flow textured, flow contacts, amygdules, medium grained, medium hardness chlorite, biotite, calcite in veinlets and amygdules calcite replacement of amygdules occasional sections of brecciated flow top, calcite, chlorite rich pillow selvages of flattened pillows very well defined pillow selvages up to 4cm calcite, sericite, black chlorite slightly silicified, moderately hard occasional buff coloured intervals - 1-5m - sericite, calcite schistose @ 30 dtca from 956 decreasing chlorite, increasing sericite and biotite from 978 increasing chlorite 1 to 2 /m - qv 0.5-1.5 cm @ 25-40 dtca 939.6 - 1.5 cm QV@ 50 dtca 945.7 - 1.5cm QV along CA 962.4 - 5cm Qtz-calcite Vein w assimilated host @40 dtca 973 - 10 cm mass of qtz-calcite 1001-1009.9 very silicified, baked, chilled appearance, vfg, glassy	901.00	903.00	9847	<0.005	
		919.00	921.00	9848	0.022	
		921.00	923.00	9849	0.006	
		923.00	925.00	9851	0.017	
		925.00	927.00	9852	0.007	
		927.00	929.00	9853	<0.005	
		930.00	931.50	9854	<0.005	
		931.50	933.00	9855	0.009	
		933.00	935.00	9856	0.009	
		937.00	938.50	9857	0.013	
		938.50	940.00	9858	0.008	
		943.50	945.50	9859	0.020	
		945.50	947.50	9860	0.006	
		951.00	953.00	9861	0.010	
		953.00	955.00	9862	0.021	
		955.00	957.00	9863	0.018	
		957.00	959.00	9864	0.022	
		959.00	961.00	9865	0.011	
		961.00	963.00	9866	0.014	
		963.00	965.00	9868	0.010	
		965.00	967.00	9869	0.007	
		967.00	969.00	9870	<0.005	
		972.80	973.50	9871	<0.005	
		974.50	976.50	9872	0.009	
		976.50	978.50	9873	0.017	
		991.50	993.50	9874	0.011	
		997.50	999.50	9875	0.020	
999.50	1001.50	9876	0.029			
1001.50	1003.50	9877	0.018			
1003.50	1005.50	9878	0.013			
1005.50	1007.50	9879	0.012			

Description	Assay - Sample				
	From	To	Samp...	Au (g / t)	Description
1019.50 1065.00 Mafic volcanic - altered - flow texture dark grey to black colour, flow textured, moderately hard biotite, sericite, amphibole, calcite, ankerite brecciated appearance / hyaloclastite? Almost mottled texture in places 1019.5-1022.3 buff coloured, calcite, sericite, pillowed quartz / siliceous masses and veins 1051.7 - 1052 - 2 x 2cm QV @ 30 dtca	1007.50	1009.50	9880	0.028	
	1009.50	1011.00	9881	0.014	
	1011.00	1013.00	9882	0.011	
	1019.00	1021.00	9883	0.074	
	1021.00	1023.00	9885	0.075	
	1025.00	1027.00	9886	0.015	
	1027.00	1029.00	9887	0.011	
	1029.00	1031.00	9888	0.009	
	1031.00	1033.00	9889	0.012	
	1039.00	1041.00	9890	0.023	
	1041.00	1043.00	9891	0.010	
	1043.00	1045.00	9892	0.008	
	1045.00	1047.00	9893	0.010	
	1047.00	1049.00	9894	0.015	
	1049.00	1051.00	9895	0.018	
	1051.00	1053.00	9896	0.009	
	1053.00	1055.00	9897	0.029	
	1055.00	1057.00	9898	0.018	
	1057.00	1059.00	9899	0.018	
	1059.00	1061.00	9901	0.027	
1061.00	1063.00	9902	0.030		
1063.00	1065.00	9903	0.025		

Assay - QAQC

Sample number	Type	Reference	Duplicate type	Au Final (g/t)
9650	(Std)	2K low		0.000
9667	(Bln)	BLK3		0.000
9684	(Std)	7E		7.522
9700	(Bln)	BLK3		0.000
9717	(Std)	2K low		1.932
9734	(Bln)	BLK3		0.000
9750	(Std)	7E		7.434
9767	(Bln)	BLK3		0.000
9784	(Std)	2K low		2.068
9800	(Bln)	BLK3		0.000
9834	(Std)	2K low		1.809
9850	(Std)	7E		7.757
9867	(Dbl)	9866		0.060
9884	(Std)	2K low		1.721
9900	(Bln)	BLK3		0.056

Surv... RLG-18-55W1

WEST RED LAKE GOLD MINES

East	422060.0
North	5657400.0
Elevation	373.0

Azimuth: 352.00°

Dip: -74.00°

Length: 1012.60

Section: 422060

Claims title:

Township: Todd

Core storage Rowan Lake

Start date: 2018-04-09

End date:

Description date: 2018-03-02

Author: R.Fenlon

Contractor: Chibougamau

Down hole survey

Type	Depth	Azimuth	Dip	Invalid ...	Type	Depth	Azimuth	Dip	Invalid ...
Reflex EZ shot	18.00	354.30°	-75.30°	No	Reflex EZ shot	375.00	347.50°	-70.30°	No
Reflex EZ shot	69.00	348.80°	-73.30°	No	Reflex EZ shot	426.00	344.70°	-69.90°	No
Reflex EZ shot	120.00	347.00°	-71.90°	No	Reflex EZ shot	477.00	346.60°	-69.70°	No
Reflex EZ shot	171.00	347.40°	-71.40°	No	Reflex EZ shot	528.00	348.00°	-68.70°	No
Reflex EZ shot	222.00	347.80°	-71.20°	No	Reflex EZ shot	582.00	347.60°	-67.20°	No
Reflex EZ shot	273.00	348.20°	-71.30°	No	Reflex EZ shot	633.00	349.50°	-65.20°	No
Reflex EZ shot	324.00	346.30°	-70.70°	No	.....	.....	.....	.....	.....

Number of samples: 28

Total sampled length: 42.50

Number of QAQC samples: 1

NQ size core

From	To	Title	From	To	Title
0.00	670.10	Previously Drilled	808.00	823.60	Sediments, Arenite, Arkose, Wacke
670.10	693.00	Tuff	823.60	828.10	Mafic Volcanic, Flow
693.00	700.80	Tuff	828.10	842.70	Volcanic Ash Tuff
700.80	705.00	Mafic Volcanic	842.70	860.00	Felsic Intrusive, Feldspar Porphyry
705.00	716.10	Volcanic Ash Tuff	860.00	872.90	Mafic Volcanic; Brecciated
716.10	719.30	Mafic Pillowed Flows	872.90	883.20	Tuff
719.30	732.00	Mafic Volcanic, Flow; Massive	883.20	897.90	Mafic Volcanic; Brecciated
732.00	739.50	Mafic Volcanic, Flow; Brecciated	897.90	917.00	Volcanic Ash Tuff
739.50	752.30	Mafic Volcanic, Flow	917.00	922.10	Sediments, argillite, mudstone
752.30	770.70	Mafic Volcanic; Ankeritic moderate; Calcite	922.10	935.50	Mafic Volcanic
770.70	774.00	Volcanic Ash Tuff	935.50	942.60	Mafic Volcanic
774.00	787.00	Mafic Volcanic, Flow	942.60	951.20	Volcanic Ash Tuff
787.00	791.70	Intrusive, Mafic	951.20	957.80	Sediments, Arenite, Arkose, Wacke
791.70	798.00	Volcanic Ash Tuff	957.80	966.00	Mafic Volcanic, Flow
798.00	801.00	Mafic Volcanic, Flow	966.00	975.00	Mafic Pillowed Flows
801.00	808.00	Volcanic Ash Tuff	.....	.....	.....

Description		Assay - Sample				
		From	To	Sam...	Au (g / t)	Description
0.00	670.10	Previously Drilled Hole RGL-18-55 lost at 1065, recovery efforts blocked hole at 683 second wedge placed at 678				
670.10	693.00	678.00	679.50	9904	<0.005	15 cm quartz chlorite shear 3% py in glassy chert?
		690.50	692.00	9905	<0.005	7x 10cm calcite filled breccia veins
693.00	700.80	Tuff banded ash tuff with flexure, blackish green massive medium grained with faint bedding and prominent flexure centered at 699.2m, interval is weakly sericitic				
700.80	705.00	704.00	705.50	9906	0.013	low angle qc veins cut 2x by 2cm qtz
705.00	716.10	Volcanic Ash Tuff banded ash tuff, blackish grey and tan with crypto bedding, intensely foliated with weak calcite crackle breccia overprint, patches of strong calcite enrichment moderate calcite elsewhere				
716.10	719.30	Mafic Pillowed Flows pillow flow with selvages parallel to foliation at 25° cut by planar qtz+chl+cal at 2veins per meter				
719.30	732.00	729.50	731.00	9907	0.025	qtz 3% as planar 1cm qtz veins
732.00	739.50	736.00	738.00	9908	<0.005	8% qtz chlorite in 3 x-cutting generations
739.50	752.30	752.00	753.50	9909	<0.005	20% pygmatic quartz feldspar cc and chl vns
752.30	770.70	757.50	759.00	9910	<0.005	10cm qtz flooded
		760.00	761.50	9911	0.015	15cm qtz flooded
		761.50	763.00	9912	<0.005	10cm qtz chlor, 3 planar 1cm qtz
		764.50	766.00	9913	0.008	30% ankerite cut by 2% qtz

Description			Assay - Sample				
			From	To	Sam...	Au (g / t)	Description
770.70	774.00	Volcanic Ash Tuff black grey similar to above with interbedded ash and chlorite + pyrite	770.00	771.50	9914	0.021	15% ankerite with po at margin
774.00	787.00	Mafic Volcanic, Flow greenish black speckled massive flow with speckling same tan mineral as above but evenly distributed throughout, banding and foliation variably developed at upper and lower contacts, patchy intense calcite alteration, veining as planar calcite crackle only, quartz not present	772.00	773.50	9915	0.034	2x 1.5 cm planar qtz 1cm clot of po in chl
787.00	791.70	Intrusive, Mafic black medium grained porphyritic sill flattened calcite replaced phenocrysts and trace disseminated pyrite, late millimetric planar crackle					
791.70	798.00	Volcanic Ash Tuff greenish grey fine grained bedded ash and ash tuff unit is grey when coarser grained, pervasive strong calcite alteration, veining rare to absent	794.50	796.00	9916	<0.005	qtz matrix to 15 cm bx ans 2cm bx vn
798.00	801.00	Mafic Volcanic, Flow grey black massive fine grained flow, foliated with one 1 cm vein					
801.00	808.00	Volcanic Ash Tuff grey black and olive tan pyroclastics of ash and lapilli tuff, increased veining and argillaceous interbeds, weak calcite alteration					
808.00	823.60	Sediments, Arenite, Arkose, Wacke chert and argillite with trace pyrrhotite, spotted tan and grey black with aphanitic green patches, proto lith may be volcanic breccia of milled polymict clasts with intensity of alteration dependant on clast composition, medium grained gritty volcanic, strongly sericitized with speckled feldspar overprint	812.00	813.50	9918	<0.005	15 cm qtz flooded with tr py at margin
			813.50	815.00	9919	0.007	3x 3cm band of chlorite with po
823.60	828.10	Mafic Volcanic, Flow black green aphanitic mafic volcanic, highly siliceous, cherty lower contact, late crackle breccia only veining present	828.00	829.50	9920	<0.005	15% calcite selvage? vein breccia
828.10	842.70	Volcanic Ash Tuff grey black massive uniformly medium grained, with rare crypto banding, strongly foliated with patchy sericite / feldspar alteration imparting finely speckled appearance, weak calcite crackle brecciation, 838.7-2 cm planar quartz calcite vein	842.00	843.50	9921	0.006	trace pyrite at contact
842.70	860.00	Felsic Intrusive, Feldspar Porphyry pale grey medium to coarse grained, foliated, feldspar porphyry, similar in appearance to the Howie diorite, trace disseminated very fine grained pyrite, with randomly distributed chlorite clots up to 1 cm, pinkish feldspar occurs as 0.5-1 cm overgrowths, both upper and lower contacts are clean and sharp, low					

Description			Assay - Sample				
			From	To	Sam...	Au (g / t)	Description
860.00	872.90	angle calcite is the only veining present Mafic Volcanic; Brecciated mottled and veined black green and opaque green ankeritic calcite, likely a breccia zone with strong calcite feldspar overprint which parallels low angle foliation, upper meter intensely silicified with patches of silicification down through, patchy calcite alteration, planar quartz calcite veins common	860.00	861.50	9922	0.009	sericite and silica altered contact
872.90	883.20	Tuff grey green massive foliated medium grained tuff, locally silicified, calcite confined to irregularly spaced wormy veins, rare planar quartz veins and calcite crackle	879.50	881.00	9923	<0.005	cm qtz cal +po
883.20	897.90	Mafic Volcanic; Brecciated mottled black green and brownish tan similar to interval at 860, strongly foliated with chlorite zones separating medium grained flattened clasts defined by feldspar calcite alteration, rounded and flattened up to 3x5cm, 887.3-2cm quartz vein	887.00	888.50	9924	0.017	conj 2cm qtz cal vein
897.90	917.00	Volcanic Ash Tuff sparley mottled dark green overall with incipient tan brown alteration of coarse material, foliation imparts a banded appearance, but generally aphanitic, where chlorite and banding is distinct, pyrrholite is observed, incipient calcite alteration, 901.8-3 cm qtz+cal+po, 906.9-2cm quartz vein weak calcite crackle in middle of unit	901.50	903.00	9925	0.051	2x 2cm diffuse qtz with po
			904.50	906.00	9926	0.068	2x 2cm qtz with tr po
917.00	922.10	Sediments, argillite, mudstone banded grey black and tan aphanitic alternating with medium grained material at cm scale, interbedded tuff and argillite, locally cherty, moderately sericitic, strongly silicified, 3x 2cm quartz veins fault disrupted and offset	919.50	921.00	9927	0.030	2cm planar qtz offset along fracture
922.10	935.50	Mafic Volcanic light grey black massive fine grained speckled with pervasive tan feldspar, foliation defined by veining and orientation of chlorite rich zones, interval becomes fine grained and more chloritic toward lower contact					
935.50	942.60	Mafic Volcanic black green fine grained massive foliated volcanic characterized by increased calcite and quartz veining, 937.9-conjugate quartz feldspar veins, 940.2-2 cm qtz	937.50	939.00	9928	<0.005	conj qtz cal, 3cm, 5% calcite
942.60	951.20	Volcanic Ash Tuff grey black with tan mottled patches, laminated fine and coarse grained, banding is parallel to foliation, interval is ash lapilli tuff with alteration focussed along foliation planes, sericite alteration also focussed in bands, rare foliation parallel calcite veins up to 7mm					
951.20	957.80	Sediments, Arenite, Arkose, Wacke	955.00	956.50	9929	0.022	qtz felds flooding over

Description		Assay - Sample					
		From	To	Sam...	Au (g / t)	Description	
957.80	966.00	black aphanitic to fine grained ash with cherty quartz flooding at 955.9-956.2 with sericitized margins,	956.50	958.00	9930	0.018	30 cm 10 cm qtz as above with sericite
		Mafic Volcanic, Flow grey black massive foliated medium to coarse grained flow, lower 4 m finer grained, vesicular, and sericite and silica altered, below 962, highly fractured and veining 20/m qtz +cal and planar calcite					
966.00	975.00	Mafic Pillowed Flows pale grey green pillow flow and flow breccia variably spaced selvages parallel to foliation, interval characterized by coarser grain size absence of veining and ta feldspar overprint					
975.00	981.90	Mafic Volcanic, Flow black green fine to medium grained pillow flow	979.50	981.00	9931	0.180	3x 2cm glassy qtz vein
981.90	987.70	Volcanic Ash Tuff pale green and tan banded feldspar and ankerite altered ash tuff, alteration intensity reflects differences in protolith					
987.70	1001.00	Mafic Pillowed Flows grey black aphanitic pillow flow with randomly spaced pillow margins and variably developed selvages and distributed vesicles, one generation of fractures is quartz filled and has strongly altered haloes, pervasive late calcite crackle breccia, vesicles irregularly shaped occur throughout but are concentrated at selvages	994.50	996.00	9932	0.027	20 cm cherty calcite vein
1001.00	1012.60	Ultramafic-Carb Rx black grey intensely foliated ultramafic 20% calcite, hole lost due to dropped rods, core tube tripped in and out three times, not locked, hammered, blasted 3 times trying to cut rods at core barrel, last blast dislodged wedge, recovery attempts abandoned EOH 1012.6, never saw 1013 block or last 40cm of core					

Assay - QAQC

Sample number	Type	Reference	Duplicate type	Au Final (g/t)
9917	(Std)	2K low		1.902

Surv... RLG-18-55W2

WEST RED LAKE GOLD MINES

East	422060.0
North	5657400.0
Elevation	373.0

Azimuth: 352.00°

Dip: -74.00°

Length: 1272.00

Section:

Claims title:

Township:

Core storage

Start date:

End date:

Description date:

Author:

Contractor:

Down hole survey

Type	Depth	Azimuth	Dip	Invalid ...
Reflex EZ shot	18.00	354.30°	-75.30°	No
Reflex EZ shot	69.00	348.80°	-73.30°	No
Reflex EZ shot	120.00	347.00°	-71.90°	No
Reflex EZ shot	171.00	347.40°	-71.40°	No
Reflex EZ shot	222.00	347.80°	-71.20°	No
Reflex EZ shot	273.00	348.20°	-71.30°	No
Reflex EZ shot	324.00	346.30°	-70.70°	No

Type	Depth	Azimuth	Dip	Invalid ...
Reflex EZ shot	375.00	347.50°	-70.30°	No
Reflex EZ shot	426.00	344.70°	-69.90°	No
Reflex EZ shot	477.00	346.60°	-69.70°	No
Reflex EZ shot	528.00	348.00°	-68.70°	No
Reflex EZ shot	567.00	360.00°	-65.00°	No
Reflex EZ shot	618.00	351.00°	-63.80°	No
.....

Number of samples: 89

Total sampled length: 135.60

Number of QAQC samples: 6

From	To	Title	From	To	Title
0.00	554.60	Previously Drilled	749.30	781.00	Volcanic Ash Tuff
554.60	563.00	Volcanic Ash Tuff	781.00	783.20	Intrusive, Mafic
563.00	583.70	Sediments, Arenite, Arkose, Wacke	783.20	792.00	Volcanic Ash Tuff
583.70	611.00	Mafic Volcanic, Flow	792.00	804.80	Volcanic Ash Tuff
611.00	644.40	Tuff	804.80	812.30	Intrusive, Mafic
644.40	646.90	Volcanic Ash Tuff	812.30	819.70	Mafic Pillowed Flows
646.90	663.80	Volcanic Ash Tuff	819.70	828.90	Mafic Volcanic
663.80	668.60	Tuff	828.90	852.00	Felsic Intrusive, Feldspar Porphyry
668.60	676.10	Tuff	852.00	859.90	Mafic Volcanic
676.10	685.30	Volcanic Ash Tuff	859.90	876.40	Volcanic Ash Tuff
685.30	694.30	Sediments, Arenite, Arkose, Wacke	876.40	897.00	Mafic Pillowed Flows
694.30	698.60	Intrusive, Mafic	897.00	922.30	Volcanic Ash Tuff
698.60	716.20	Tuff	922.30	928.80	Volcanic Ash Tuff
716.20	729.60	Sediments, Arenite, Arkose, Wacke	928.80	939.30	Mafic Pillowed Flows
729.60	736.90	Volcanic Ash Tuff	939.30	944.90	Intrusive, Mafic
736.90	749.30	Sediments, Arenite, Arkose, Wacke	.....	.....	.....

Description			Assay - Sample					
			From	To	Samp...	Au (g / t)	Description	
0.00	554.60	Previously Drilled Hole RGL-18-55W1 lost due to dropped rods followed by displaced wedge, new wedge placed at 565 first core at 555.4						
554.60	563.00	Volcanic Ash Tuff black massive fine to medium grained , chlorite rich ash tuff, wispy cherty interbeds at 559.5-560, well developed foliation, not calcitic, with veining as rare planar and pygmatic quartz veins 1 per 2 m						
563.00	583.70	Sediments, Arenite, Arkose, Wacke grey gritty massive medium grained clastic sediment-foliation parallel fine grained chlorite rich whisps, foliation parallel rich bands rare, anhedral pyrite grains to 3mm, transitions into chlorite rich finer ash sediment toward base, moderately calcitic below 571.5, py and po occur as foliation parallel enrichments, 570-2cm bull quartz 42°, 574.9-1.5cm bull qtz 32°, veining <1/3m	566.00	568.00	9933	0.089	3% py as foln pll anhedral grains	
			568.00	570.00	9935	0.087	3x 2cm pyrite rich bands	
583.70	611.00	Mafic Volcanic, Flow blackish grey with grey banding, intense pervasive vein breccia characterizes interval, 30% calcite matrix hosts clasts of medium grained clastic, breccia veins parallel foliation, 597-605 carbonate matrix component decreases to 8%, below 605 vein breccia becomes wormy and calcite increases to 20% and acquires a blue gree tinge, speckling and biotite alteration becomes pervasive below 597, 2 cm qtz veins at 588.9 and 591.5, veining rare ,1/3m, 604-608 brecciatio becomes puzzle fit	591.00	592.50	9936	0.013	5% calcite and 2x1.5 cm qtz py	
			592.50	594.50	9937	0.015	1x2cm qtz and 7 cm qtz chlorite	
611.00	644.40	Tuff grey black massive medium grained tuff, unbedded, weak local brecciation, chert carbonate interbeds at 617, 617.8, 619.4, 621.3, below 621 speckling becomes more prominent, imparting a coarse grained appearance, calcite alteration weak to absent, qtz viens 1.5 cm wide at 611.3 28°, 613.1 60°, 635.2 40°, otherwise veining absent	620.00	621.50	9938	0.010	2cm qtz vein with trace galena	
644.40	646.90	Volcanic Ash Tuff pale olive green banded and brecciated interbeds of ash and carbonate, strong speckling, with late calcite crackle overprint	646.00	647.50	9939	0.008	4cm qtz carb veins	
646.90	663.80	Volcanic Ash Tuff massive medium grained tuff or clastic, bedding when present is as fine ash beds, pale olive grey to black, strongly foliated, calcite alteration absent, veining as chlorite biotite 1-3mm, 647.4 4cm quartz carb vein at 88°, trace crackle brecciation otherwise veing very weak <1/2m						
663.80	668.60	Tuff aphanitic banded black ash with coarser clastic grey black, foliated with						

Description		Assay - Sample				
		From	To	Samp...	Au (g / t)	Description
668.60	676.10	isolated lapilli, chlorite fracture fills randomly oriented and parallel to foliation Tuff banded black green tuff and 10% white chert carbonate with banding parallel to foliation, patchy moderate calcite alteration, veining rare but parallel to foliation when present				
676.10	685.30	Volcanic Ash Tuff greenish black pahanic ash dominant tuff, massive but strongly foliated, possible ankerite alteration, no veining, weak at lower contact				
685.30	694.30	Sediments, Arenite, Arkose, Wacke grey olive green ash with medium grained tuff cycling 4m 2m 4m ash intervals calcite speckled, tuff has gritty appearance				
694.30	698.60	Intrusive, Mafic mafic dyke, coarse grained tan grey black with disseminated anhedral pyrite, pervasive randomly oriented planar quartz carbonate veins				
698.60	716.20	700.50	701.50	9940	0.028	20 cm carb rich with diss py
		705.00	706.50	9941	0.011	3cm qtz chlor and pervasive carb whisps
		713.00	714.50	9942	0.016	3x1cm glassy qtz
716.20	729.60	722.00	723.50	9943	0.028	2x 1cm qtz chlor
		Sediments, Arenite, Arkose, Wacke masive medium grained tuff or wacke missing the carbonate veining of above, local chloritic chlots to 2mm, veining rare 1/3m quartz and 1/m chlorite, massive foliated, veins at 717- 1cm qtz 32°, 720.1-3cm 15°, 722.7-1 cm qtz chlor 48°				
729.60	736.90	731.50	733.50	9944	0.011	3% wormy calcite 2x 1.5 cm qtz cal
		Volcanic Ash Tuff olive grey medium grained characterized by 8% pervasive wispy wormy carbonate veining, otherwise massive foliated, pervasive calcite altered, 3/m quartz veins				
736.90	749.30	Sediments, Arenite, Arkose, Wacke grey black fine to medium grained massive foliated unbedded tuff, trace disseminated py to 5mm, pervasive strong calcite alteration, planar randomly oriented calcite veins 20/m all less than 3mm wide				
749.30	781.00	766.00	767.50	9945	0.009	1 cm qtz + late drusy 2mm vein
		777.00	778.50	9946	0.556	4cm qtz po
		Volcanic Ash Tuff banded grey black and grey white pervasively brecciated with puzzle fit aspect- variable of dilatency from 35% at 749.5-755, down to 8%, relict cm wide disrupted ash bed, chlorite rich and blk aphanitic, 5% of interval,				

Description		Assay - Sample						
		From	To	Samp...	Au (g / t)	Description		
781.00	783.20	medium grained lapilli tuff and arkose, pervassiv estrong calcite alteration, 749.5-755 35% calcite, 755-768 10% calcite, 768-767.5 20% calcite, 5% calcite to end of unit, planar veins at 752.3-1.5 cm qtz 60°, 766.7-1cm qtz 30°, 777.2-4cm po enriched qtz, 778.9 1.5cm qtz c		781.00	782.50	9947	0.016	3x 1cm planar qtz
		Intrusive, Mafic grey black porphyritic mafic dyke, foliated with indistinct lower contact, 2 zoned planar quartz carbonate veins						
783.20	792.00	Volcanic Ash Tuff pale grey green medium grained massive foliated and brecciated pyroclastic, textural banding opened with calcite filling 3-10%, moderate to strong tan cordierite speckling pervassive sericite and patchy calcite, moderate in situ brecciation, with calcite matrix, calcite taking on a blue green tinge						
792.00	804.80	Volcanic Ash Tuff massive green black locally coarse lapilli, with finely speckled patches, strong foliation, chlorite ash bands in lower meter, calcite confined to coarser clasts with patchy cordierite speckling, rare blue green calcite veins, moderate calcite crackle and low angle calcite vein breccia 15°,						
804.80	812.30	Intrusive, Mafic blackish green coarse grained dyke/sill, strongly foliatedwith veing rare to absent						
812.30	819.70	Mafic Pillowed Flows blotchy light grey in green black aphanitic matrix, blotches 1-2 cm and/cord >30%- appears to be interflow or flow top breccia,veining a calcite filled late brittle fractures						
819.70	828.90	Mafic Volcanic black medium grained massive flow, with strong shear overprint-distinctive band of carbonate enriched zones to 7cm wide comprise 20% of lower 3m, strong calcite alteration						
828.90	852.00	Felsic Intrusive, Feldspar Porphyry pale grey black foliated feldspar porphyry with chlorite clots and rare feldspar phenocrysts, distinctive twin sheared mafic dykes or xenolithic wedges (832.5-833.3, 834.5-835) as seen in 55 and 55W1, pervassive weak to moderate calcite alteration, devoid of veining and mineralization		851.50	853.00	9948	0.013	3x 1c qtz + silicified
852.00	859.90	Mafic Volcanic mottled grey black with tan alteration halo to FP, 3% quartz veining and what appear to be FP clasts with overprinting alteratio decreasing downhole, intense sericite and silica alteration, veining as diffuse quartz at lower contact with, 859.3 30cm qtz with 3% py po		853.00	854.50	9949	0.012	3x 2cm planar and vbx
				854.50	856.00	9951	0.007	2x3 cm disraptured qtz chlorite

Description		Assay - Sample				
		From	To	Samp...	Au (g / t)	Description
859.90	876.40	858.50	860.00	9952	0.009	10 cm qtz carb with 2% py po
		860.00	861.50	9953	0.015	1cm planar qtz
		Volcanic Ash Tuff banded and foliated grey and greenish black fine to medium grained ash and lapilli tuff, bands defined by grain size changes and differing intensity of development of tan speckling, ash bedded disrupted by brecciation, patchy calcite and silica, veining rare to absent, calcite fracture fills in finer grained material				
876.40	897.00	Mafic Pillowed Flows greenish black to black pillow flow with variably spaced pillow edges, interpillow material carbonate rich and parallel to foliation, rare vesicle development, highly variable tan speckle alteration, imparting coarser grained appearance, 3/m millimetric calcite fracture fills				
897.00	922.30	898.00	899.50	9954	0.015	10 cm qc cutting 3cm calcite
		914.50	916.00	9955	0.006	4cm qtc veining over 25 cm
		Volcanic Ash Tuff ash and tuff dominant with 10% pillow sections, variably tan speckled on black, aphanitic material focus of vesicle development, moderate to strongly calcitic, veining widens into patches of incipient brecciation up to 20 cm wide, 909.3m boudinaged 2cm blue green calcite at 18°				
922.30	928.80	Volcanic Ash Tuff tan altered pale olive grey banded locally ankeritic tuff, intense ankerite patchy calcite alteration				
928.80	939.30	Mafic Pillowed Flows pillow flow with tan alteration in pillow cores, grey green interpillow sediment and pillow breccia with some post foliation brecciation, moderate ankerite and calcite alteration, veining weak to absent				
939.30	944.90	939.50	941.00	9956	0.028	3x1.5cm planar qtz
		941.00	942.50	9957	0.028	5x4cm qtz cal
944.90	959.40	958.50	960.00	9958	0.018	1x3cm foliation parallel qtz feldspar
		Mafic Pillowed Flows blotchy grey and pale green pillow flow altered as at 928.8, strongly foliated, calcite alteration strongest in interpillow material, marked increase in veining to 5% calcite as incipient brecciation				
959.40	979.00	960.00	961.50	9959	0.021	15cm combined quartz +/- calcite
		970.00	972.00	9960	0.043	7cm of 30% qtz
		977.50	979.00	9961	0.042	30 cm carb flooded, boudinaged
		Mafic Pillowed Flows 25° pillow flow without tan alteration, selvages are carbonate rich, the interval is grey black and aphanitic with variably spaced selvages, patchy calcite alteration is related to patches of incipient breccia at 968.6-972, veining is abundant as millimetric conjugate narrow quartz carbonate veins at 20/m				

Description		Assay - Sample						
		From	To	Samp...	Au (g / t)	Description		
979.00	983.00	Mafic Pillowed Flows 30°; Altered strong 70% of interval exhibits strongly tan speckle altered cores with carbonate rich selvages, interval is medium grained, tan and grey in colour, weakly veined						3cm qc vein at 17°
983.00	993.60	Mafic Volcanic, Flow 22°; Brecciated grey black aphanitic with crackle breccia increasing to breccia downhole, patchy calcite alteration, calcite veins 2%, planar and parallel to foliation		991.50	993.00	9962	0.019	3x 1-3cm qtz at 45°
993.60	998.40	Mafic Pillowed Flows 35°; Altered strong pale olive green with tan speckles in matrix of aphanitic black for pillow cores, widely spaced carbonate rich selvages, quartz calcite flooding at ,996.2-5cm, 997-25cm		996.00	997.60	9964	0.020	20 cm qtz calcite flooding
998.40	1004.10	Mafic Volcanic 28°; lapilli stone pale grey massive medium grained possibly lapilli stone, strongly foliated, unaltered, devoid of veining						
1004.10	1007.90	Volcanic Ash Tuff 30° mottled grey and tan pillow breccia and banded tuff, veining rare late calcite only		1007.00	1008.50	9963	0.051	3cm foln pll calcite qtz
1007.90	1016.10	Mafic Pillowed Flows 30°; Vesicular black with calcite replaced vesicles and widely spaced selvages, interpillow material is hyaloclastite, foliated, patchy calcite, faint tan alteration, moderately veined at 3/m planar quartz calcite veining		1014.50	1016.00	9965	0.016	3x1cm qtz calcite
1016.10	1029.00	Mafic Pillowed Flows 38°; Hyaloclastite unaltered pillow flow with hyaloclastite, patchy calcite alteration, veining rare to absent 1/3m		1016.00	1017.50	9966	0.018	trace py in chlorite band
1029.00	1040.00	Volcanic Ash Tuff 32° banded grey and black, aphanitic silicified ash and argillite with trace disseminated pyrite, distinctive open jointing and fractures, veining weak to absent, 1/3m planar calcite +/- quartz		1027.00	1028.50	9968	0.032	3x1cm foln pll qtz cc
1040.00	1052.40	Volcanic Ash Tuff aphanitic black siliceous ash tuff, rare veining less than 1/3m with trace pyrite in foliation parallel bands		1032.50	1034.00	9970	0.030	1cm qtz chlorite, 2cm carbonate vein
1052.40	1068.00	Mafic Volcanic, Flow pale green grey medium grained mafic volcanic with hyaloclastite bands 5-20 cm wide parallel to foliation, spaced at 1-2m separation, patchy calcite alteration, calcite clots in late dilatancy, 8% carbonate veining		1036.00	1037.50	9969	0.029	trace cpy + py with chlorite bands
				1045.50	1047.00	9971	0.017	trace py po with calcite in IFS
				1053.50	1055.00	9972	0.017	6 cm qtz chlorite
				1061.00	1062.50	9973	0.110	3cm qtz chlorite vn
				1062.50	1064.00	9974	0.035	1cm qtz vn

Description	Assay - Sample				
	From	To	Samp...	Au (g / t)	Description
1068.00 1072.60 Mafic Pillowed Flows pillow flow characterized by low angle quartz veining and calcite filled vesicles, silicified	1066.50	1068.00	9975	0.252	18x 2cm qtz
	1068.00	1069.50	9976	0.033	6cm qtz cal
	1069.50	1071.00	9977	0.530	3x40 cm low angle qtz vn
	1071.00	1072.50	9978	0.091	2x20 cm as above
1072.60 1085.20 Mafic Volcanic, Flow grey black, locally grey green massive mafic volcanic appears to have ash interflow, generally aphanitic, strongly foliated, weak late calcite fracture fills, rare planar qtz veins	1077.50	1079.00	9979	0.021	4cm qtz chlorite
	1079.00	1080.50	9981	0.019	6cm qtz chl
1085.20 1085.90 Intrusive, Mafic grey aphanitic mafic dyke with distinctive, disseminated, fine grained pyrite					
1085.90 1099.80 Mafic Volcanic massive black fine grained mafic volcanic, may be ash tuff, no primary volcanic features, characterized by black graphitic gritty aspect, alteration is moderate to strong calcite and graphite, veining is weak to absent					
1099.80 1109.60 Volcanic Ash Tuff massive medium to fine grained ash and lapilli tuff, with grain size variation defining bedding, chloritic, devoid of veining	1103.00	1104.50	9980	0.017	10cm qtz chlorite
	1108.50	1110.00	9982	0.625	25cm qtz carb vein breccia 10% matrix
1109.60 1122.00 Intrusive, Gabbro massive coarse grained black green with gabbroic texture, foliated with quartz carbonate veining focussed at contacts, disseminated chlorite clots, rare quartz veing	1115.00	1116.50	9983	0.010	2cm calcite vein
	1116.50	1118.50	9985	0.011	2x 1cm calcite qtz
	1118.50	1120.00	9986	0.338	15cm bull quartz
1122.00 1151.20 Mafic Pillowed Flows masive black aphanitic with rare pillow selvages and pillow breccia, foliated, 30cm crackle breccia at 1131.6,	1129.00	1131.00	9987	0.105	12cm combined qtz calcite vein set
	1131.00	1132.50	9988	<0.005	20cm calcite qtz
	1138.00	1140.00	9989	0.014	5% late brittle qtz cc
	1149.00	1150.50	9990	0.009	py enriched qfp dykelet
1151.20 1154.50 Intrusive, Diorite medium grained grey locally porphyritic diorite dyke, foliated, veining as late calcite fracture fills					
1154.50 1164.00 Mafic Volcanic	1160.50	1162.00	9991	0.013	15cm qtz

Description		Assay - Sample						
		From	To	Samp...	Au (g / t)	Description		
	massive black green aphanitic volcanic, becoming coarser grained downhole, strongly calcite altered, very weakly veined	1162.00	1163.50	9992	0.007	chlorite barren		
		1163.50	1165.00	9993	4.390	20cm qtz chlorite as # 9991		
1164.00	1169.80	Felsic Intrusive, Feldspar Porphyry		1165.00	1166.50	9994	0.028	across QFP contact
	pale tan foliated feldspar porphyry dyke or sill, resinous strongly sericitic, with weak veining as 3x1cm planar qtz veins	1166.50	1168.00	9995	<0.005	2% qtz veining		
		1168.00	1169.50	9996	<0.005	3% qcv		
1169.80	1180.10	Volcanic Ash Tuff		1170.00	1171.50	9997	<0.005	veining at dyke
	massive light grey interlayered ash and cherty felsic, strongly foliated coarsening downhole, carbonate veins 8% of interval, parallel foliation	1175.00	1176.50	9998	0.009	3x 1.5 cm conjugate qtz vein set		
		1176.50	1178.00	9999	0.009	8cm qtz chlorite		
		1179.00	1180.00	796501	0.038	8 cm diffuse quartz flooding		
		1180.00	1181.50	796502	0.049	conjugate set of 1cm qtz planar and pygmatic		
1180.10	1181.20	Chem. Seds, Chert						
	banded chert siliceous resinous grey green, cut by conjugate pygmatic and planar quartz veins							
1181.20	1197.00	Volcanic Ash Tuff		1181.50	1183.00	796503	0.038	3x2cm quartz calcite
	massive black aphanitic and grey green fine to medium grained ash and lapilli tuff devoid of flow textures, foliated, pervasive calcite alteration to 189m biotitic throughout	1189.00	1190.50	796504	0.027	20cm diffuse quartz flooding		
		1192.00	1193.50	796505	0.054	2x 1cm qtz + 5 cm as in 796504		
		1193.50	1195.00	796506	0.031	4cm diffuse qtz cc flooding		
1197.00	1207.00	Volcanic Ash Tuff						
	massive grey green fine grained ash tuff with randomly spaced argillaceous beds, rare patches of strong calcite alteration, veining weak to absent but fine late crackle breccia present							
1207.00	1217.30	Volcanic Ash Tuff		1207.00	1208.50	796507	0.016	2x 2cm qtz chlorite
	massive medium grained locally cordierite altered, foliated with local coarse lapilli, unaltered, rare weak late calcite fracture fills	1211.50	1213.00	796508	0.009	5cm qtz chlorite		

Description	Assay - Sample				
	From	To	Samp...	Au (g / t)	Description
1217.30 1230.90 Mafic Volcanic blackish green massive foliated fine to medium grained mafic volcanic, faint tan alteration vesicular selvages in lower 3m, very weakly veined 3x 1cm at 1227	1216.00	1217.50	796509	0.007	10cm argillite with trace cpy and po
	1217.50	1219.00	796510	0.005	2cm qtz cc
	1219.00	1220.50	796511	<0.005	15cm qtz with trace cpy +po
	1223.00	1224.50	796512	0.008	3x 2cm qtz chlor vein wedges
	1227.00	1228.50	796513	0.005	4x 1cm qtz at 60-75°
	1230.50	1232.00	796514	0.012	trace py calcite veining 4%
1230.90 1238.00 Volcanic Ash Tuff speckled greenish black and tan massive medium grained, bedded ash and lapilli tuff, clots and veins of calcite, extensive brittle fracturing cc filled	1237.50	1239.00	796515	0.022	3x 1cm calcite + qtz
1238.00 1244.00 Mafic Pillowed Flows black green with white calcite vesicles, pillow flow, patchy calcite alteration, one quartz chlorite vein at 1239	1241.50	1243.00	796516	0.006	
	1243.00	1244.50	796518	0.006	trace po 5% calcite vein set
1244.00 1252.00 Volcanic Ash Tuff light grey green medium grained ash to lapilli tuff, characterized by pervasive calcite alteration, veining is weak to absent qtz veins at 1247.5, 1249.2, 1249.7 3cm wide parallel to foliation	1244.50	1246.00	796519	0.010	1c qtz at 35°
	1247.00	1248.50	796520	0.006	3cm qtz chlorite
	1248.50	1250.00	796521	0.014	3x 1.5cm calcite qtz parallel to fol'n
1252.00 1272.00 Volcanic Ash Tuff pale grey and tan medium grained carbonate rich pyroclastic, characterized by up to 20% wormy carbonate veining similar to that seen up hole in previous holes, pervasive calcite alteration, some late brittle calcite veins.	1254.50	1256.00	796522	0.099	1x1.5 cm qtz
	1256.00	1257.50	796523	0.046	10cm diffuse quartz flooding
	1257.50	1259.00	796524	0.083	7cm qtz calcite flooded
	1261.50	1262.00	796525	0.075	2cm qtz calcite
	1265.50	1267.00	796526	0.007	12% carbonate veining
	1270.00	1271.50	796527	0.119	10 % carbonate veining

Assay - QAQC

Sample number	Type	Reference	Duplicate type	Au Final (g/t)
9934	(Dbl)	9933	1/4 split	0.070
9950	(Std)	7E		7.627
9967	(Bln)	BLK1		0.009
9984	(Std)	2K low		1.827
10000	(Dbl)	9999	1/4 split	0.014
796517	(Bln)	BLK1		0.000

Surv... RLG-18-56

WEST RED LAKE GOLD MINES

East	421270.0
North	5656858.0
Elevation	371.0

Azimuth: 325.00°

Dip: -45.00°

Length: 150.00

Section:

Claims title:

Township:

Core storage Rowan Lake

Start date: 2018-11-15

End date: 2018-11-16

Description date: 2018-11-15

Author: Ken Guy

Contractor: Chibougamau

Down hole survey

Type	Depth	Azimuth	Dip	Invalid ...
Reflex EZ shot	29.00	324.80°	-43.20°	No
Reflex EZ shot	95.00	326.10°	-42.40°	No
Reflex EZ shot	146.00	327.90°	-40.70°	No

Type	Depth	Azimuth	Dip	Invalid ...

Number of samples: 61

Total sampled length: 108.10

Number of QAQC samples: 4

NQ size core

From	To	Title	From	To	Title
0.00	15.50	CASING			
15.50	48.50	Mafic Volcanic, Flow; Altered moderate			
48.50	54.40	Silicified Zone/Qtz; Mafic volcanic; Altered moderate			
54.40	60.50	Mafic Volcanic, Flow; Altered moderate			
60.50	64.00	Silicified Zone/Qtz; Mafic volcanic; Altered moderate			
64.00	69.60	Mafic Volcanic, Flow; Altered moderate			
69.60	96.30	Silicified Zone/Qtz; Mafic/UM Volcanics, Undifferentiated; Altered moderate			
96.30	112.10	Mafic Volcanic, Flow; Altered moderate			
112.10	120.70	Silicified Zone/Qtz; Mafic/UM Volcanics, Undifferentiated; Altered moderate			
120.70	150.00	Mafic Volcanic, Flow; Altered moderate			

Description			Assay - Sample						
			From	To	Sam...	Au (g / t)	Description		
0.00	15.50	CASING							
15.50	48.50	Mafic Volcanic, Flow; Altered moderate medium to dark grey colour, heterogenous, medium grained, medium hardness sericite, plagioclase, ankerite usually at flow contacts or interflow ankerite is pervasive throughout occasional more buff coloured sections, increased sericite, ankerite occasional selvages, amygdules, porphyritic 33.0-33.7 Ankerite vein @ 15 dtca, cut by 1cm qtz tour vein @ 45 dtca 34.7-37.0 Qtz Porphyry - massive, fine grained matrix increasing bleaching/sericite/ankerite downhole lower contact very sharp @45 dtca	16.00	18.00	796528	0.146			
			19.70	21.70	796529	0.010			
			22.50	24.50	796530	0.010			
			29.00	31.00	796531	0.011			
			31.70	33.70	796532	<0.005			
			33.70	35.00	796533	0.014			
			35.00	37.00	796534	<0.005			
			37.00	39.00	796535	0.016			
			45.00	47.00	796536	<0.005			
			47.00	48.50	796537	0.014			
48.50	54.40	Silicified Zone/Qtz; Mafic volcanic; Altered moderate white, cream, pale grey colour very strongly altered mafic - silicified, ankerite, sericite, py original volcanic texture completely obliterated by strong silicification and carbonatization moderate hard to very hard pervasively silicified, qtz sweats, qtz veins, strong ankerite occasional pyrite with qtz veinlets 48.5-50.0 5% py in patches, veinlets 52.4 massive py vein, qtz, 3cm @45 dtca	48.50	50.00	796538	0.152			
			50.00	52.00	796539	0.007			
			52.00	53.50	796540	0.033			
			53.50	54.50	796541	0.091			
54.40	60.50	Mafic Volcanic, Flow; Altered moderate medium buff grey colour, homogenous, medium grained, medium hardness sericite, plagioclase, ankerite ankerite is pervasive throughout occasional more buff coloured sections, increased sericite, ankerite 54.5 - 55.3 10+ 0.1-1.5 cm qtz-ank veinlets @35 to 50 dtca 56.1-56.8 Silicified ankerite zone as above	54.50	56.00	796542	0.074			
			56.00	57.20	796543	0.011			
			57.20	59.00	796544	<0.005			
			59.00	60.40	796545	0.015			
			60.40	62.00	796546	0.344			
60.50	64.00	Silicified Zone/Qtz; Mafic volcanic; Altered moderate as above original volcanic texture completely obliterated by strong silicification and carbonatization both contacts irregular, but interior fabric at 45 dtca white, cream, pale grey colour very strongly altered mafic - silicified, ankerite, sericite, py pervasively silicified, qtz sweats, qtz veins, strong ankerite occasional pyrite with qtz veinlets 61.5-62.2 altered MV host 62.2-62.3 near massive pyrite on contact	62.00	64.00	796547	0.137			
64.00	69.60	Mafic Volcanic, Flow; Altered moderate as above medium buff grey colour, homogenous, medium grained, medium hardness sericite, plagioclase, ankerite, ankerite is pervasive throughout very massive, homogenous scattered fractures, 45 dtca, and blebs of py from 68 to 69.6 increased py as disseminations and veinlets	64.00	66.00	796548	0.023			
			66.00	68.00	796549	0.015			
			68.00	69.80	796551	0.036			

Description			Assay - Sample					
			From	To	Sam...	Au (g / t)	Description	
69.60	96.30	Silicified Zone/Qtz; Mafic/UM Volcanics, Undifferentiated; Altered moderate as above white, cream, pale grey colour very strongly altered mafic - silicified, ankerite, sericite, py possible strongly altered ultramafic as signs of polysutures, polygonal jointing and slight talcose increasing ultramafic textures and talcose downhole pervasively silicified, qtz sweats, qtz veins, strong ankerite - qv @ 45 dtca original volcanic texture completely obliterated by strong silicification and carbonatization occasional pyrite with qtz veinlets 71.3-71.7 altered MV host 72.1-72.6 10% py as veinlets and disseminations 73.1-74.0 10% py as veinlets and disseminations 80.0-80.4 altered MV host 84.9-86.2 altered MV host from 86.2 increasing UM, talcose, polysutures, polygonal texture 87.1-87.6 Qtz Vein, upper contact 60, lower contact 30 dtca - 5%py, 3% sph, 1% aspy 89.1-89.3 altered MV 95.0-96.3 5-7% py	69.80	72.00	796552	0.019		
			72.00	74.00	796553	0.064		
			74.00	76.00	796554	0.006		
			76.00	78.00	796555	0.030		
			78.00	80.00	796556	0.022		
			80.00	82.00	796557	0.042		
			82.00	84.00	796558	1.699		
			84.00	86.00	796559	0.031		
			86.00	87.00	796560	0.022		
			87.00	88.00	796561	1.804		
			88.00	89.50	796562	0.026		
			89.50	91.00	796563	0.032		
			91.00	93.00	796564	0.008		
			93.00	95.00	796565	0.034		
			95.00	96.50	796566	0.220		
96.30	112.10		Mafic Volcanic, Flow; Altered moderate as above medium buff grey colour, homogenous, medium grained, medium hardness sericite, plagioclase, ankerite, ankerite is pervasive throughout very massive, homogenous scattered fractures, 45 dtca, and blebs of py 97.6-98 QCV @ 60 dtca, smoky qtz 100.3-102.0 Qtz-ank-sulphide vein @ 45 dtca, 5% py, 5% sph, 1% aspy 110.9 3cm QCB @45 dtca lower contact @50 dtca	96.50	97.50	796568	0.115	
				97.50	98.50	796569	0.115	
		98.50		100.20	796570	0.628		
		100.20		102.00	796571	13.810		
		102.00		103.50	796572	0.371		
		103.50		105.00	796573	0.020		
		105.00		107.00	796574	0.009		
		107.00		109.00	796575	0.014		
		109.00		111.00	796576	0.008		
		111.00	112.10	796577	0.011			
112.10	120.70	Silicified Zone/Qtz; Mafic/UM Volcanics, Undifferentiated; Altered moderate as above white, cream, pale grey colour very strongly altered mafic - silicified, ankerite, sericite, py more qtz rich than previous, many qtz veins at random orientations strongly altered ultramafic - polysutures, polygonal jointing and slight talcose pervasively silicified, qtz sweats, qtz veins, strong ankerite - qv @ 50 dtca weakly fuchsitic 117.5-118.9 altered MV as above	112.10	114.00	796578	0.195		
			114.00	116.00	796579	0.022		
			116.00	118.00	796580	0.575		
			118.00	120.00	796581	0.105		
		120.00	122.00	796582	0.299			
120.70	150.00	Mafic Volcanic, Flow; Altered moderate	122.00	124.00	796583	0.028		

Description	Assay - Sample				
	From	To	Sam...	Au (g / t)	Description
as above buff grey to dark grey colour, heterogenous, medium grained, medium hardness sericite, plagioclase, ankerite, ankerite is pervasive throughout scattered fractures, 50 dtca, and blebs of py 129.1 2cm qtz-ank vein w 0.5 cm py vein in centre @ 60 dtca 142.8-143.1 laminated qtz-cb vein @ 40 dtca 150 eoh	124.00	126.00	796585	0.010	
	126.00	128.00	796586	<0.005	
	128.00	129.80	796587	<0.005	
	134.00	136.00	796588	<0.005	
	139.50	141.50	796589	0.019	
	141.50	143.50	796590	0.104	
	148.00	150.00	796599	0.034	

Assay - QAQC

Sample number	Type	Reference	Duplicate type	Au Final (g/t)
796550	(Std)	2K low		1.964
796567	(Bln)	BLK3		0.000
796584	(Std)	7E		6.258
796600	(Dbl)	796599	1/4 split	0.059

Surv... RLG-18-57

WEST RED LAKE GOLD MINES

East	421270.0
North	5656858.0
Elevation	371.0

Azimuth: 325.00°

Dip: -60.00°

Length: 177.00

Section:

Claims title:

Township:

Core storage Rowan Lake

Start date: 2018-11-17

End date: 2018-11-18

Description date: 2018-11-17

Author: Ken Guy

Contractor: Chibougamau

Down hole survey

Type	Depth	Azimuth	Dip	Invalid ...
Reflex EZ shot	26.00	325.00°	-59.40°	No
Reflex EZ shot	95.00	326.40°	-58.00°	No
Reflex EZ shot	149.00	329.00°	-57.50°	No
Reflex EZ shot	173.00	329.40°	-57.00°	No

Type	Depth	Azimuth	Dip	Invalid ...

Number of samples: 75

Total sampled length: 134.20

Number of QAQC samples: 4

NQ size core

From	To	Title	From	To	Title
0.00	13.80	CASING			
13.80	15.00	Mafic Volcanic, Flow; Altered moderate			
15.00	17.10	Silicified Zone/Qtz; Mafic volcanic; Altered moderate			
17.10	65.90	Mafic Volcanic, Flow; Altered moderate			
65.90	71.00	Silicified Zone/Qtz; Mafic volcanic; Altered moderate			
71.00	125.00	Mafic Volcanic, Flow; Altered moderate			
125.00	150.80	Silicified Zone/Qtz; Mafic/UM Volcanics, Undifferentiated; Altered moderate			
150.80	162.80	Mafic Volcanic, Flow; Altered moderate			
162.80	175.30	Silicified Zone/Qtz; Mafic/UM Volcanics, Undifferentiated; Altered moderate			
175.30	177.00	Mafic Volcanic, Flow; Altered moderate			

Description			Assay - Sample						
			From	To	Sam...	Au (g / t)	Description		
0.00	13.80	CASING							
13.80	15.00	Mafic Volcanic, Flow; Altered moderate medium to dark grey colour, heterogenous, medium grained, medium hardness sericite, plagioclase, ankerite usually at flow contacts or interflow ankerite is pervasive throughout occasional more buff coloured sections. increased sericite, ankerite occasional selvages, amygdules, porphyritic.	13.80	15.00	796591	<0.005			
15.00	17.10	Silicified Zone/Qtz; Mafic volcanic; Altered moderate white, cream, pale grey colour very strongly altered - silicified, ankerite, sericite, py original volcanic texture completely obliterated by strong silicification and carbonatization very mottled texture moderate hard to very hard pervasively silicified, qtz sweats, qtz veins, strong ankerite	15.00	17.10	796592	0.037			
17.10	65.90	Mafic Volcanic, Flow; Altered moderate medium buff grey colour, homogenous, medium grained, medium hardness sericite, plagioclase, ankerite porphyritic, amygdaloidal ankerite is pervasive throughout very massive, homogenous occasional more buff coloured sections, increased sericite, ankerite increasing porphyritic downhole 53.5-55.5 buff coloured, increased sericite 59.5-65.9 buff, sericite, ankerite, random fractures with qtz, py, tourmaline	17.10	19.00	796593	0.009			
			19.00	21.00	796594	0.008			
			44.00	46.00	796595	0.033			
			48.00	50.00	796596	0.028			
			52.00	54.00	796597	0.016			
			54.00	56.00	796598	0.086			
			58.00	60.00	796601	0.099			
			60.00	62.00	796602	0.100			
			62.00	64.00	796603	0.219			
			64.00	66.00	796604	0.032			
65.90	71.00	Silicified Zone/Qtz; Mafic volcanic; Altered moderate as above original volcanic texture completely obliterated by strong silicification and carbonatization both contacts irregular, but interior fabric at 45 dtca white, cream colour very strongly altered mafic/ultramafic - silicified, ankerite, sericite, py pervasively silicified, qtz sweats, qtz veins, strong ankerite occasional pyrite with qtz veinlets 70.3-70.6 10cm qtz-py vein @ 30 dtca, 20% py	66.00	68.00	796605	0.017			
			68.00	70.00	796606	<0.005			
			70.00	71.10	796607	0.782			
71.00	125.00	Mafic Volcanic, Flow; Altered moderate as above medium buff grey colour, homogenous, medium grained, medium hardness sericite, plagioclase, ankerite, ankerite is pervasive throughout very massive, homogenous scattered fractures, 45 dtca, and blebs of py many qcb veins, 0.2-4 cm, commonly @45dtca, often py rich contacts intervals of Qtz-Cb rock as above fractured, brecciated, qtz veinlets, tr py 75.0-76.4 Qtz-Cb rx 45 dtca 76.0-76.4 qtz-py vein on contact, 20% py, smoky qtz 83.0-83.2 Qtz-py vein @45 dtca, 20% py 83.7-85.0 Qtz-Cb rx @45 dtca 87.8-90.0 Qtz-Cb rx @40	71.10	73.00	796608	0.052			
			73.00	75.00	796609	0.218			
			75.00	76.50	796610	0.842			
			76.50	78.50	796611	0.029			
			78.50	80.50	796612	0.024			
			80.50	82.50	796613	0.365			
			82.50	84.00	796614	0.876			

Description		Assay - Sample					
		From	To	Sam...	Au (g / t)	Description	
dtca, 88.0-88.3 Qtz-py vein @45 dtca, 20% py 96.2-98.0 Qtz-Cb rx @35 dtca 101.6-102.0 Qtz-Cb rx / vein @35 dtca, 20% py, tr aspy 102.6-103.4 Qtz-Cb rx @35 dtca 106.5-107.8 Qtz-Cb rx @40 dtca 121.0-123.0 broken, blocky core - brittle fault		84.00	86.00	796615	0.054		
		86.00	87.70	796616	0.018		
		87.70	89.00	796618	0.129		
		89.00	90.50	796619	0.268		
		90.50	92.50	796620	0.021		
		92.50	94.50	796621	0.012		
		94.50	96.00	796622	0.221		
		96.00	98.00	796623	1.213		
		98.00	100.00	796624	0.802		
		100.00	101.50	796625	3.192		
		101.50	102.50	796626	0.370		
		102.50	103.50	796627	0.809		
		103.50	105.00	796628	0.066		
		105.00	106.50	796629	0.036		
		106.50	108.00	796630	1.136		
		108.00	110.00	796631	0.066		
		110.00	112.00	796632	0.049		
		112.00	114.00	796633	0.015		
		114.00	116.00	796635	0.172		
		116.00	118.00	796636	0.043		
	118.00	120.00	796637	0.064			
	120.00	122.00	796638	<0.005			
	122.00	123.50	796639	<0.005			
	123.50	125.00	796640	0.006			
125.00	150.80	Silicified Zone/Qtz; Mafic/UM Volcanics, Undifferentiated; Altered moderate as above white, cream, pale grey colour very strongly altered mafic - silicified, ankerite, sericite, py possible strongly altered ultramafic as signs of polysutures, polygonal jointing and slight talcose increasing ultramafic textures and talcose downhole pervasively silicified, qtz sweats, qtz veins, strong ankerite - qv @ 45 dtca original volcanic texture completely obliterated by strong silicification and carbonatization occasional pyrite with qtz veinlets 125.0-127.7 more qtz rich, Qtz-Cb vein/Silicified, 15% py as veinlets and disseminations 130.3-131.6 more qtz rich, Qtz-Cb vein/Silicified, 10% py as veinlets and disseminations	125.00	126.50	796641	0.366	
			126.50	127.80	796642	0.601	
			127.80	130.00	796643	0.078	
			130.00	132.00	796644	0.058	
			132.00	134.00	796645	0.035	
			134.00	136.00	796646	0.016	
			136.00	138.00	796647	0.007	

Description		Assay - Sample				
		From	To	Sam...	Au (g / t)	Description
	141.0-141.5 more qtz rich, Qtz-Cb vein/Silicified, 10% py as veinlets and disseminations occasional rafts of altered MV as above 127.7-128.4 altered mafic volcanic 132.3-134.5 altered mafic volcanic 142.2-143.1 altered mafic volcanic	138.00	139.50	796648	0.006	
		139.50	141.00	796649	0.020	
		141.00	142.50	796651	0.122	
		142.50	144.50	796652	0.089	
		144.50	146.50	796653	0.012	
		146.50	148.50	796654	0.010	
		148.50	150.50	796655	0.006	
		150.50	152.00	796656	2.670	
150.80	162.80 Mafic Volcanic, Flow; Altered moderate as above medium buff grey colour, homogenous, medium grained, medium hardness sericite, plagioclase, ankerite, ankerite is pervasive throughout very massive, homogenous scattered fractures, 45 dtca, and blebs of py 160.0-160.5 Qtz-Cb rx @40 dtca	152.00	154.00	796657	0.329	
		154.00	156.00	796658	0.054	
		156.00	158.00	796659	0.094	
		158.00	160.00	796660	0.014	
		160.00	162.50	796661	0.061	
		162.50	164.00	796662	0.199	
162.80	175.30 Silicified Zone/Qtz; Mafic/UM Volcanics, Undifferentiated; Altered moderate as above white, cream, pale grey colour very strongly altered mafic - silicified, ankerite, sericite, py more qtz rich than previous, many qtz veins at random orientations strongly altered ultramafic - polysutures, polygonal jointing and slight talcose pervasively silicified, qtz sweats, qtz veins, strong ankerite 167.0-168.2 fracture zone with 10%py, 3% sph, in thin net textured fractures at random orientations 170.8-175.3 mix of Qtz Cb Breccia rock with altered mafic volcanic, mv is very fractured, 5-7% py	164.00	165.50	796663	0.098	
		165.50	167.00	796664	0.205	
		167.00	168.20	796665	0.436	
		168.20	170.00	796666	0.042	
		170.00	172.00	796668	0.022	
		172.00	174.00	796669	0.182	
		174.00	175.50	796670	0.024	
175.30	177.00 Mafic Volcanic, Flow; Altered moderate as above buff grey to dark grey colour, heterogenous, medium grained, medium hardness sericite, plagioclase, ankerite, ankerite is pervasive throughout scattered fractures, 50 dtca, and blebs of py schistose @30 dtca	175.50	177.00	796671	0.142	

Assay - QAQC

Sample number	Type	Reference	Duplicate type	Au Final (g/t)
796617	(Bln)	BLK3		0.000
796634	(Dbl)	796633	1/4 split	0.044
796650	(Std)	2K low		1.721
796667	(Bln)	BLK3		0.000

Surv... RLG-18-58

WEST RED LAKE GOLD MINES

East	421211.0
North	5656859.0
Elevation	375.0

Azimuth: 275.00°

Dip: -45.00°

Length: 201.00

Section:

Claims title:

Township:

Core storage Rowan Lake

Start date: 2018-11-19

End date: 2018-11-20

Description date: 2018-11-19

Author: Ken Guy

Contractor: Chibougamau

Down hole survey

Type	Depth	Azimuth	Dip	Invalid ...
Reflex EZ shot	17.00	276.10°	-44.60°	No
Reflex EZ shot	98.00	276.60°	-43.70°	No
Reflex EZ shot	146.00	278.10°	-43.00°	No
Reflex EZ shot	197.00	278.70°	-42.40°	No

Type	Depth	Azimuth	Dip	Invalid ...

Number of samples: 90

Total sampled length: 166.40

Number of QAQC samples: 6

NQ size core

From	To	Title	From	To	Title
0.00	5.30	CASING			
5.30	6.80	Silicified Zone/Qtz; Mafic volcanic; Altered moderate			
6.80	31.20	Mafic Volcanic, Flow; Altered moderate			
31.20	69.20	Silicified Zone/Qtz; Mafic/UM Volcanics, Undifferentiated; Altered moderate			
69.20	73.10	Mafic Volcanic, Flow; Altered moderate			
73.10	124.20	Silicified Zone/Qtz; Breccia			
124.20	131.80	Mafic Volcanic, Flow; Altered moderate			
131.80	160.10	Silicified Zone/Qtz; Mafic/UM Volcanics, Undifferentiated; Altered moderate			
160.10	201.00	Mafic Volcanic, Flow; Altered moderate			

Description			Assay - Sample						
			From	To	Sam...	Au (g / t)	Description		
0.00	5.30	CASING							
5.30	6.80	Silicified Zone/Qtz; Mafic volcanic; Altered moderate white, cream, pale grey colour very strongly altered mafic - silicified, ankerite, sericite, py original volcanic texture completely obliterated by strong silicification and carbonatization moderate hard to very hard pervasively silicified, qtz sweats, qtz veins, strong ankerite occasional pyrite with qtz veinlets	5.30	6.80	796672	<0.005			
6.80	31.20	Mafic Volcanic, Flow; Altered moderate medium to dark grey colour, homogenous, medium grained, medium hardness sericite, plagioclase, ankerite ankerite is pervasive throughout occasional more buff coloured sections, increased sericite, ankerite occasional selvages, amygdules, porphyritic many ankerite fractures @ 40-60 dtca occasional sections of disseminated py to 5% scattered fractures, 45 dtca, and blebs of py many qcb veins, 0.2-4 cm, commonly @45dtca, often py rich contacts intervals of Qtz-Cb rock as above fractured, brecciated, qtz veinlets, tr py 10.3-12.8 Qtz-Cb rx 55 dtca 14.8-16.8 Qtz-Cb rx 55 dtca, qtz rich, py to 10% 24-24.3 Qtz-Cb vein @35dtca 24.3-25.8 qtz vein, 1-2 cm along cor axis, 2-5% py from 28.5 very buff coloured, sericite, ankerite rich	6.80	9.00	796673	0.019			
			9.00	11.00	796674	0.104			
			11.00	13.00	796675	0.014			
			13.00	14.80	796676	0.005			
			14.80	16.80	796677	0.217			
			16.80	19.00	796678	0.005			
			19.00	21.00	796679	0.006			
			22.50	24.00	796680	0.021			
			24.00	26.00	796681	0.329			
			28.80	31.00	796682	0.027			
			31.00	33.00	796683	0.077			
31.20	69.20	Silicified Zone/Qtz; Mafic/UM Volcanics, Undifferentiated; Altered moderate white, cream, pale grey colour very strongly altered mafic / ultramafic - silicified, ankerite, sericite, py strongly altered ultramafic - remenant polysutures, polygonal jointing and slight talcose pervasively silicified, qtz sweats, qtz veins, strong ankerite original volcanic texture completely obliterated by strong silicification and carbonatization moderate hard to very hard very mottled / wormy texture occasional glassy qtz veins - 2-10 cm mostly barren, @40-60 dtca occasional rafts of altered volcanic as above 32.2-32.4 altered volcanic @45 dtca 35.1-38.3 altered volcanic @50 dtca, 2-5% py, ankerite fractures 43.7-45.3 altered volcanic @50 dtca, massive 50.0-51.8 altered volcanic @50 dtca 54.5-56.2 altered volcanic @50 dtca, buff, sericite, high density of qcb veinlets 60.9-64.3 altered volcanic @55 dtca, moderate qcb veinlets 45.6-46.1 20% py, massive and veinlet 48.0-50.0 10-15% py, qtz veins, 2-10 cm @50 dtca 59.0- 10% py 64.3-69.2 very qtz rich, banded qtz-cb veins, 80 dtca, massive qv's with 10%py	33.00	35.00	796685	0.008			
			35.00	37.00	796686	0.033			
			37.00	39.00	796687	0.413			
			39.00	41.00	796688	0.049			
			41.00	43.00	796689	0.047			
			43.00	45.30	796690	0.088			
			45.30	46.50	796691	0.144			
			46.50	48.00	796692	0.117			
			48.00	50.00	796693	0.616			
			50.00	51.70	796694	0.147			
			51.70	53.00	796695	0.048			
			53.00	54.50	796696	0.177			
			54.50	56.20	796697	0.030			
			56.20	58.50	796698	0.150			
			58.50	60.90	796699	0.038			

Description			Assay - Sample				
			From	To	Sam...	Au (g / t)	Description
			60.90	63.00	796701	0.085	
			63.00	64.30	796702	0.204	
			64.30	66.00	796703	0.154	
			66.00	67.50	796704	0.028	
			67.50	69.20	796705	1.442	
69.20	73.10	Mafic Volcanic, Flow; Altered moderate	69.20	71.00	796706	0.037	
		as above medium to dark grey colour, homogenous, medium grained, medium hardness sericite, plagioclase, ankerite ankerite is pervasive throughout many ankerite fractures @ 40-60 dtca	71.00	73.10	796707	0.046	
73.10	124.20	Silicified Zone/Qtz; Breccia	73.10	75.00	796708	0.475	
		similar to above brecciated and more qtz-py rich. qtz clasts in a ankerite matrix. clasts are 0.1 to 5 cm, sometimes elongated @45 dtca qtz is often smoky from very fine grained py varies from 50 to 90% clasts pyrite varies from 2% to sections of 25% py occasional rafts of altered volcanic as above 88.3-89.9 altered volcanic @45 dtca 97.1-98.4 altered volcanic @45 dtca 101.6-102.4 altered volcanic @45 dtca, fuchsitic 107.3-109.9 altered volcanic @50 dtca, massive, occasional qcb veinlet from 97.1 less brecciated more Qtz-Cb rx 109.9-111.0 15% py with 1-2cm of massive py 116.4-117.5 altered volcanic @50 dtca, massive 117.5-117.9 Qtz Vein, 45 dtca, 15% py 119.0-120.8 altered volcanic @50 dtca, massive 120.8-124.2 10% py, veinlets, disseminated, tr aspy	75.00	77.00	796709	0.357	
			77.00	79.00	796710	0.125	
			79.00	81.00	796711	0.012	
			81.00	83.00	796712	0.054	
			83.00	85.00	796713	0.073	
			85.00	87.00	796714	0.070	
			87.00	88.30	796715	0.109	
			88.30	89.90	796716	<0.005	
			89.90	92.00	796718	0.061	
			92.00	94.00	796719	0.033	
			94.00	95.50	796720	0.026	
			95.50	97.10	796721	0.200	
			97.10	98.40	796722	0.026	
			98.40	100.50	796723	0.023	
			100.50	102.40	796724	0.102	
			102.40	104.50	796725	0.016	
			104.50	106.50	796726	0.005	
			106.50	108.00	796727	0.167	
			108.00	109.90	796728	0.049	
			109.90	112.00	796729	0.046	
			112.00	114.00	796730	0.035	
			114.00	116.40	796731	0.030	

Description		Assay - Sample					
		From	To	Sam...	Au (g / t)	Description	
124.20	131.80	Mafic Volcanic, Flow; Altered moderate as above medium to dark grey colour, homogenous, massive texture, medium grained, medium hardness sericite, plagioclase, ankerite ankerite is pervasive throughout at upper and lower contacts buff coloured sections, increased sericite, ankerite 129.6-131.8, buff coloured, sericite, ankerite, 5% qtz-ank-black chlorite veinlets, 0.2-1cm @ random orientations	116.40	117.50	796732	0.057	
			117.50	119.00	796733	0.130	
			119.00	120.80	796734	0.012	
			120.80	122.50	796736	0.051	
			122.50	124.20	796737	0.204	
			124.20	126.00	796738	<0.005	
			129.60	131.80	796739	0.024	
131.80	160.10	Silicified Zone/Qtz; Mafic/UM Volcanics, Undifferentiated; Altered moderate white, cream, pale grey colour very strongly altered ultramafic \ mafic - silicified, ankerite, sericite, py very qtz rich, many qtz veins at random orientations strongly altered ultramafic - polysutures, polygonal jointing, wormy texture and slight talcose pervasively silicified, qtz sweats, qtz veins, strong ankerite 133.8-136.8 banded ankerite and quartz, brecciation 136.8-139.4 very Qtz rich, smoky qtz, fine grained py, occasional ankerite bands or intervals 139.4-142.3 altered volcanic @50 dtca, massive, 30cm of bleaching/sericite at contacts 143.1-143.5 altered volcanic @65 dtca, massive 145.8-146.8 altered volcanic @50 dtca, massive from 148 increasing ultramafic textures and ankerite - carb rock from 155.5 talcose, light blue green talcose ultramafic clasts, 2-5% py haloed by a very fine grained grey mineral 156.8-156.9 QV continued at 158.3 156.9-158.3 altered volcanic @50 dtca, massive, 157.8-158.2 - 2cm qtz-py vein @10 dtca 158.3-160.1 Qtz Vein @ 55 dtca, light to dark grey smoky, 5-10% py in fractures	131.80	134.00	796740	<0.005	
			134.00	135.50	796741	<0.005	
			135.50	136.80	796742	<0.005	
			136.80	138.00	796743	<0.005	
			138.00	139.40	796744	0.006	
			139.40	141.50	796745	0.084	
			141.50	143.50	796746	0.044	
			143.50	145.80	796747	0.023	
			145.80	146.80	796748	0.028	
			146.80	149.00	796749	0.014	
			149.00	151.00	796751	0.006	
			151.00	153.00	796752	0.020	
			153.00	155.00	796753	<0.005	
			155.00	157.00	796754	0.012	
157.00	158.30	796755	<0.005				
160.10	201.00	Mafic Volcanic, Flow; Altered moderate medium to dark grey colour, heterogenous, medium grained, medium mostly massive with amygdaloidal sections sericite, plagioclase, ankerite usually at flow contacts or interflow ankerite is pervasive throughout very schistose @45-50 dtca 160.1-163.7 fuchsite rich 163.7-163.3 Qtz-Cb vein@40 dtca, 2%py from 170 decreasing ankerite, increasing calcite 179-181 fuchsite, ankerite 50 dtca	158.30	160.10	796756	0.040	
			160.10	162.00	796757	0.008	
			162.00	164.00	796758	0.011	
			164.00	166.00	796759	<0.005	
			166.00	168.00	796760	<0.005	
			168.00	170.00	796761	<0.005	

Description	Assay - Sample				
	From	To	Sam...	Au (g / t)	Description
193.4-196.0 fuchsite, ankerite, sericite	179.00	181.00	796762	<0.005	
196.0-198.3 buff sericite-ankerite					
198.3-200.6 Qtz-Cb rock	193.40	195.00	796763	0.006	
200.6-201.0 grey altered MV	195.00	197.00	796764	<0.005	
	197.00	199.00	796765	0.072	
	199.00	201.00	796766	0.005	

Assay - QAQC

Sample number	Type	Reference	Duplicate type	Au Final (g/t)
796684	(Std)	7E		7.689
796700	(Dbl)	796699	1/4 split	0.052
796717	(Blk)	BLK3		0.000
796735	(Std)	2K low		1.851
796750	(Dbl)	796749	1/4 split	0.015
796767	(Blk)	BLK3		0.000

Surv... RLG-18-59

WEST RED LAKE GOLD MINES

East	421211.0
North	5656859.0
Elevation	375.0

Azimuth: 275.00°

Dip: -55.00°

Length: 186.00

Section:

Claims title:

Township:

Core storage Rowan Lake

Start date: 2018-11-21

End date: 2018-11-22

Description date: 2018-11-21

Author: Ken Guy

Contractor: Chibougamau

Down hole survey

Type	Depth	Azimuth	Dip	Invalid ...	Type	Depth	Azimuth	Dip	Invalid ...
Reflex EZ shot	20.00	277.40°	-54.10°	No					
Reflex EZ shot	47.00	277.30°	-53.80°	No					
Reflex EZ shot	98.00	278.20°	-53.20°	No					
Reflex EZ shot	146.00	279.20°	-52.50°	No					
Reflex EZ shot	182.00	279.40°	-51.90°	No					

Number of samples: 112

Total sampled length: 174.20

Number of QAQC samples: 7

NQ size core

From	To	Title	From	To	Title
0.00	7.80	CASING	158.90	162.00	Ultramafic Volcanic
7.80	43.80	Mafic Volcanic, Flow; Altered moderate	162.80	178.80	Silicified Zone/Qtz; Mafic/UM Volcanics, Undifferentiated; Altered moderate
43.80	49.00	Silicified Zone/Qtz; Mafic/UM Volcanics, Undifferentiated; Altered moderate	178.80	186.00	Felsic Volcanics; Porphyritic
49.00	50.60	Intrusive, Lamprophyre			
50.60	124.20	Silicified Zone/Qtz; Mafic/UM Volcanics, Undifferentiated; Altered moderate			
124.20	128.20	Mafic Volcanic, Flow; Altered moderate			
128.20	134.60	Silicified Zone/Qtz; Mafic/UM Volcanics, Undifferentiated; Altered moderate			
134.60	136.40	Mafic Volcanic, Flow; Altered moderate			
136.40	143.80	Silicified Zone/Qtz; Mafic/UM Volcanics, Undifferentiated; Altered moderate			
143.80	153.30	Ultramafic Volcanic			
153.30	158.90	Silicified Zone/Qtz; Mafic/UM Volcanics, Undifferentiated; Altered moderate			

Description			Assay - Sample						
			From	To	Sam...	Au (g / t)	Description		
0.00	7.80	CASING							
7.80	43.80	Mafic Volcanic, Flow; Altered moderate medium to dark grey colour, homogenous, medium grained, medium hardness sericite, plagioclase, ankerite ankerite is pervasive throughout occasional more buff coloured sections, increased sericite, ankerite occasional selvages, amygdules, porphyritic many ankerite fractures @ 40-60 dtca occasional sections of disseminated py to 5% 10.8-13.8 Qtz-Cb rx, mostly ankerite, altered MV, 2% py 16.4-18.5 Qtz-Cb rx 45 dtca, 10% laminated py, tr aspy 24.7-24.9 Qtz-Cb rx 50 dtca, ankerite increasing sericite downhole 28.2-33.0 buff sericite, ankerite rich, 10-15% py disseminated throughout, bleb, fractures 33.5-34.4 Qtz-Cb rx 50 dtca, ankerite 37.3-38.5 Qtz-Cb rx 50 dtca, qtz veins, tourmaline 41.5-42.1 Qtz-Cb rx 50 dtca, ankerite	7.80	10.00	796769	0.143			
			10.00	12.00	796768	0.011			
			12.00	14.00	796770	0.056			
			14.00	16.20	796771	0.012			
			16.20	18.50	796772	0.241			
			18.50	20.50	796773	0.016			
			24.50	26.50	796774	0.186			
			26.50	28.50	796775	0.052			
			28.50	30.80	796776	<0.005			
			30.80	33.00	796777	0.007			
			33.00	35.00	796778	0.177			
			35.00	37.00	796779	0.015			
			37.00	39.00	796780	0.113			
			39.00	41.00	796781	0.091			
			41.00	43.00	796782	0.900			
			43.00	45.00	796783	0.099			
43.80	49.00	Silicified Zone/Qtz; Mafic/UM Volcanics, Undifferentiated; Altered moderate white, cream, pale grey colour very strongly altered mafic / ultramafic - silicified, ankerite, sericite, py strongly altered ultramafic - remenant polysutures, polygonal jointing and slight talcose very mottled / wormy texture pervasively silicified, qtz sweats, qtz veins, strong ankerite original volcanic texture completely obliterated by strong silicification and carbonatization moderate hard to very hard occasional glassy qtz veins - 2-10 cm mostly barren, @40-60 dtca 47.7-49.0 15% py, disseminated, fracture filled and masses	45.00	47.20	796785	0.049			
			47.20	49.10	796786	0.211			
49.00	50.60	Intrusive, Lamprophyre black colour, very fine grained, massive non magnetic both contacts have massive py seam on contact, 0.5cm lower contact is bleached for 30 cm, sericite	49.10	50.50	796787	0.096			
			50.50	52.50	796788	0.119			
50.60	124.20	Silicified Zone/Qtz; Mafic/UM Volcanics, Undifferentiated; Altered moderate as above increasing qtz rich, more glassy qv's @ 35-55 dtca, 0.2-3 cm 54.1-55.8 altered volcanic @50 dtca, massive occasional py rich sections, contact of ankerite, disseminated, contact of rafted UM 68.4-70.5 QV, tourmaline veinlet, 5% py in fractures, tr aspy, 69-70.5 smoky from 66m increasing qtz and py downhole with tr aspy 72-73.2 15% py, tr aspy 73.2-74.5 altered volcanic @45	52.50	54.10	796789	0.132			
			54.10	55.80	796790	0.442			
			55.80	58.00	796791	0.074			
			58.00	60.00	796792	0.115			
			60.00	62.00	796793	0.055			

Description	Assay - Sample				
	From	To	Sam...	Au (g / t)	Description
dtca, massive, py on contacts 74.5-76.7 ankerite, 20% py, tr aspy 76.7-80.1	62.00	64.00	796794	0.083	
lamprophyre 80.1-85.7 30% smoky qtz, py, tr aspy, 70% Qtz-Ank rx, py	64.00	66.00	796795	0.077	
85.7-87.3 lamprophyre, 5% py 87.3-88.3 alt MV, py rich @ upper contact	66.00	68.00	796796	0.265	
88.3-94.2 smoky QV,30% py, tr aspy 100.4-103.7 py rich, replacement, fracture	68.00	70.00	796797	0.013	
fill, 10-15% 103.7-104.1 altered volcanic @37 dtca 104.1-105.4 py rich zone	70.00	72.00	796798	1.060	
up to 10% irreg threads/bands; within wk bx'd banded buff qtz bands 105.4-107	72.00	73.20	796799	2.826	
more lt buff to pale grey qtz; tr fine py dissem 107-108 up to 75% grey smokey	73.20	74.50	796801	0.173	
qtz; thin threads to 2mm bands of fine py with trace fine aspy needles and very	74.50	76.70	796802	1.378	
fine dissem (<.5%) 108-108.8 altered volcanic band; med grey to buff sericite	76.70	79.10	796803	0.282	
altrd; 3-5% coarse (1-2mm) cubic py grains 108.5-112 quartz/<carb rich zone;	79.10	81.00	796804	0.506	
weak fabric/banding 25-35dtca; .5-2mm specks of fine dissem p (1-2% in	81.00	82.50	796805	0.126	
patches) 112.3-113.3 py rich zone; 15-20% irreg bands/threads of py with grey	82.50	84.00	796806	0.257	
to white qtz; weak fabric 15-30dtca; minor xcutting qtz vltls at 25 dtca;	84.00	85.80	796807	0.252	
113.3-114.1 buff ser/carb altrd band of volcanics; 15% irreg white q/c vltls/strs;	85.80	87.30	796808	2.159	
1% py dissem to cubic grains 114.1-115.9 lt buff to lt grey wk brecciated silicified	87.30	88.30	796809	0.032	
carb zone w up to 25% irreg white bull quartz vltls; tr blebs <2mm 115.9-117.2	88.30	90.20	796810	0.167	
as above but with up to 2.5% irreg bands of fine dissem py up to 1cm wide	90.20	92.20	796811	0.466	
117.2-120.3 90% white qtz vn; 0.5% .5-2mm subhedral grains of py; possible	92.20	94.20	796812	0.295	
black line fault at 119.9m at 20 dtca 120.3-120.7 py rich zone; 5-10% py as fine	94.20	95.80	796813	0.029	
to coarse dissem to 5mm dissem blebs; minor subhedral py; lower contact at	95.80	97.10	796814	0.013	
26dtca 120.7-124.4 back into silicified carb zone; up to 15% qtz bands; overall	97.10	99.00	796815	0.089	
banding at 37-53dca; rare xcutting qtz str at 40-50 dtca; trace py dissem to 1mm	99.00	100.50	796816	0.030	
blebs in patches	100.50	102.00	796818	0.373	
	102.00	103.70	796819	0.060	
	103.70	105.40	796820	0.061	
	105.40	107.00	796821	0.362	
	107.00	108.00	796822	0.080	aspy
	108.00	109.00	796823	0.082	
	109.00	110.30	796824	0.006	
	110.30	111.30	796825	0.055	
	111.30	112.30	796826	0.027	

Description			Assay - Sample				
			From	To	Sam...	Au (g / t)	Description
			112.30	113.30	796827	0.304	py rich
			113.30	114.30	796828	0.080	py rich, buff
			114.30	115.90	796829	0.007	
			115.90	117.20	796830	0.109	
			117.20	118.30	796831	0.042	
			118.30	120.30	796832	0.009	qv
			120.30	121.50	796833	0.348	
			121.50	123.00	796835	0.023	
			123.00	124.20	796836	0.049	
124.20	128.20	Mafic Volcanic, Flow; Altered moderate med grey to buff where sericitized at contacts with up to 30% carb veins up to 0.6m wide; uniform relatively massive txt with minor slips at 50dtca in proximity of carb bands; 3-8% fine dissemin to 2mm cubic py minz with 0.5m of contacts; fine .5mm plag; possible tuff? 124.2-125.2 buff sericitic alteration w up to 10% fine py dissemin to cubic grains 125.2-126.2 more grey; massive; 2-3% fine dissemin to cubic py 126.2-126.8 barren looking qtz/carb vein w banding at 40 dtca 126.8-128.2 mod sericitized zone w 3-8% cubic to dissemin py; threads of py at 50dtca;	124.20	125.20	796837	0.034	mv
			125.20	126.20	796838	0.517	mv
			126.20	127.20	796839	0.597	mv, cv, py
			127.20	128.20	796840	0.330	mv, cv, py
128.20	134.60	Silicified Zone/Qtz; Mafic/UM Volcanics, Undifferentiated; Altered moderate med grey to buff silicified qtz/carb zone; weak to moderate banding at 23-45dtca band 1mm-10mm thick; <1% fine py dissemin with rare irreg 1cm dissemin bleb; 1-2% xcutting qtz to qtz/carb strs/threads (<2mm) at 25-30dtca; mod to very hard	128.20	129.40	796841	0.499	cv
			129.40	130.70	796842	0.030	cv.colliform
			130.70	132.00	796843	0.032	banded cv
			132.00	133.40	796844	0.414	banded cv
			133.40	134.60	796845	0.039	banded cv
134.60	136.40	Mafic Volcanic, Flow; Altered moderate similar to 124.2-128.2; med grey; very fine plag; increased carb/wk sericite alteration at lower contact with carb unit; hairline chloritic slips at 45-50dtca w .5-1mm py grains; 0.5% py overall	134.60	136.40	796846	0.030	mv
136.40	143.80	Silicified Zone/Qtz; Mafic/UM Volcanics, Undifferentiated; Altered moderate mod. silicified banded qtz/carb rich zone; mod. hard; white, cream to med grey in patches; up to 10% qtz bands; fine to 2mm diffuse grey patches as very fine dissemin py (1-3%); rare irreg 1cm band of py assoc w qtz rich bands; variable banding from 35-65dtca w <1% xcutting qtz threads at 28-37dtca; 138.9-140.4 more silicified; 3-8% grey py 'patches' within bands 142.5-143.8 more silicified; 5-10% grey py 'patches' within banding	136.40	137.60	796847	0.006	cv
			137.60	138.90	796848	0.033	cv
			138.90	140.40	796849	0.051	cv
			140.40	141.30	796851	0.031	
			141.30	142.50	796852	0.016	
			142.50	143.80	796853	0.010	
143.80	153.30	Ultramafic Volcanic	143.80	144.90	796854	<0.005	

Description		Assay - Sample					
		From	To	Sam...	Au (g / t)	Description	
153.30	158.90	Silicified Zone/Qtz; Mafic/UM Volcanics, Undifferentiated; Altered moderate appears to be altered zone of above unit; white creamy carb bands with light grey green weakly fuchsitic alteration of host; variable banding att 25-47dtca w rare xcutting qtz thread (<1mm) at 15dtca; 153.3-154.6 greener; up to 15% light grey qtz bands w 0.5% fine py dissemin 154.6-156.8 more carbonate rich; <5% silicified patches; tr py fine dissemin; pervasive weak calcite 156.8-158.75% very fine lt to med grey qtz vein (50dtca); carb bands are calcitic; diffuse dark grey patches assoc wih fine py dissemin (1-3%) 158-158.9 green; calcitic with up to 20% irreg qtz threads/bands; tr py	144.90	146.30	796855	0.009	smoky qv
			146.30	147.70	796856	<0.005	
			147.70	149.30	796857	<0.005	
			149.30	150.70	796858	<0.005	
			150.70	152.20	796859	<0.005	
			152.20	153.30	796860	0.016	
			153.30	154.60	796861	<0.005	
			154.60	155.80	796862	<0.005	
			155.80	156.80	796863	<0.005	
			156.80	158.00	796864	<0.005	
158.00	158.90	796865	0.005				
158.90	162.00	Ultramafic Volcanic	158.90	160.50	796866	<0.005	qv
162.00	163.80	med grey to greenish grey; fg; relatively massive with very weak fabric at 50 dtca; weakly calcitic w top half weakly s'd; 1-3% very fine py dissemin 158.9-160.5 greyer; weakly s'd; 2-5% very fine py dissemin 160.5-162 slightly greener; 1% very fine py;	160.50	162.00	796868	0.005	
			162.00	163.80	796869	<0.005	
162.80	178.80	Silicified Zone/Qtz; Mafic/UM Volcanics, Undifferentiated; Altered moderate weak to mod silicified qtz carb zone; white to creamy carb to light grey green calcitic carb; 1-2mm white carb rims arounds carb and qtz fragments; up to 35% irreg qtz bands/frags; weak fabric at 30-35 dtca increasing to 55 dtca in banded qtz zone; 162.0-163.8 80% white to med grey quartz; white to light green calcitic bands at lower contact of 42 dtca; 1% fine py dissemin in greyer quartz patches 163.8-164.9 raft of volcanic/tuff?; med greyish buff with pervasive weak sericite alteration; non-magnetic; trace very fine py dissemin 164.9-166.5 light greyish green carbonate; weak to moderately calcitic; weak fabric/banding at 30 dtca; tr py in diffuse grey patches; 166.5-172.5 light to med grey green calcitic carbonate with up to 40% white to med grey quartz fragments/irreg bands; both quartz and carbonate fragments with 2mm white carbonate rims; 0.5% fine py dissemin; up to 1% hairline threads with increased quartz content 172.5-173.5 narrow zone of increased quartz banding at 55 dtca; up to 3% fine py dissemin as 1-2mm irreg threads along fabric 173.5-176.4 increased med grey green carbonate; moderately calcitic; hard with increased quartz banding at 30-35 dtca; tr fine py 176.4-178.8 very hard zone of med to dark grey smokey quartz;	163.80	164.90	796870	0.008	cv zone cv zone cv zone cv zone cv zone banded qv + py smokey qtz zone smokey qtz zone
164.90	166.50	796871	0.006				
166.50	168.00	796872	0.006				
168.00	169.50	796873	0.007				
169.50	171.00	796874	0.007				
171.00	172.50	796875	0.006				
172.50	173.50	796876	0.015				
173.50	174.80	796877	0.011				
174.80	176.10	796878	0.011				
176.10	177.50	796879	0.012				
177.50	178.90	796880	0.041				

Description		Assay - Sample				
		From	To	Sam...	Au (g / t)	Description
178.80	186.00	upper contact at 35 dtca; 1-2% fine dissem py as irreg threads/wisps in zone of greyer quartz				
		178.90	179.80	796881	0.006	
		179.80	181.40	796882	<0.005	felsic dyke
		181.40	182.50	796883	<0.005	
		182.50	184.10	796885	<0.005	
		184.10	186.00	796886	<0.005	
		Felsic Volcanics; Porphyritic med grey to yellow green bands up to 0.5m wide; 1-2mm quartz phorphs; mod sericite alteration w some epidote; some ankerite; some irreg deep green fuchsite looking fragments (1-3%); weak localized banding at 40-50 dtca; localized yellow sericite bands w .5mm black grains (non-magnetic); <1% calcite threads at 35 dtca across fabric; no mineralization noted 179.8-181.4 Felsic dyke?? grey; more uniform/massive looking; weak sericite altrn; 1mm calcite threads/strs; sharp upper/lower contacts at 35/23 dtca respectively; 1-3% 0.5-1mm cubic py grains; minor fine dissem py EOH				

Assay - QAQC

Sample number	Type	Reference	Duplicate type	Au Final (g/t)
796784	(Std)	7E		7.217
796800	(Dbl)	796799	1/4 split	3.233
796817	(Blk)	BLK3		0.000
796834	(Std)	2K low		1.786
796850	(Dbl)	796849	1/4 split	0.055
796867	(Blk)	BLK3		0.000
796884	(Std)	7E		7.867

Surv... RLG-18-60

WEST RED LAKE GOLD MINES

East	421366.0
North	5656868.0
Elevation	374.0

Azimuth: 325.00°

Dip: -45.00°

Length: 171.00

Section:

Claims title:

Township:

Core storage Rowan Lake

Start date: 2018-11-23

End date: 2018-11-24

Description date: 2018-11-23

Author: Ken Guy/C.St.Louis

Contractor: Chibougamau

Down hole survey

Type	Depth	Azimuth	Dip	Invalid ...
Reflex EZ shot	17.00	327.00°	-44.90°	No
Reflex EZ shot	47.00	327.60°	-44.10°	No
Reflex EZ shot	98.00	328.10°	-43.70°	No
Reflex EZ shot	146.00	328.20°	-42.00°	No
Reflex EZ shot	167.00	329.50°	-41.90°	No

Type	Depth	Azimuth	Dip	Invalid ...

Number of samples: 117

Total sampled length: 166.50

Number of QAQC samples: 7

NQ size core

From	To	Title	From	To	Title
0.00	4.50	CASING	98.90	110.50	Felsic Volcanics; Sericitic moderate; Fuchsite; Porphyritic
4.50	23.00	Mafic Volcanic, Flow			
23.00	24.00	Felsic Volcanics	110.50	116.70	Felsic Volcanics
24.00	42.40	Sediments, Undifferentiated Clastics; Carbonate	116.70	120.80	Felsic Volcanics; Sericitic moderate; Fuchsite; Porphyritic
42.40	45.60	Sediments, argillite, mudstone			
45.60	49.00	Sediments, Greywacke	120.80	131.00	Felsic Volcanics; Porphyritic
49.00	51.30	Sediments, argillite, mudstone	131.00	136.80	Felsic Volcanics; Sericitic moderate; Porphyritic
51.30	55.60	Sediments, Greywacke	136.80	141.90	Felsic Volcanics
55.60	58.20	Sediments, argillite, mudstone	141.90	144.80	Felsic Volcanics; Sericitic weak; Porphyritic
58.20	60.00	Chem Seds, Chert, Sulphide IF	144.80	150.30	Felsic Volcanics
60.00	85.00	Silicified Zone/Qtz; Mafic/UM Volcanics, Undifferentiated; Altered moderate	150.30	158.80	Felsic Volcanics; Sericitic weak; Porphyritic
			158.80	171.00	Felsic Volcanics; Sericitic moderate; Porphyritic
85.00	86.90	Quartz			
86.90	90.70	Felsic Volcanics; Sericitic moderate; Fuchsite; Porphyritic			
90.70	98.90	Felsic Volcanics			

Description			Assay - Sample					
			From	To	Sam...	Au (g / t)	Description	
0.00	4.50	CASING						
4.50	23.00	Mafic Volcanic, Flow med greyish green basalt; locally up to 15% vlt/strs possibly associated with selvages/flow tops?; non-magnetic; weakly in patches adjacent to 1-2mm white calcite strs at 25 dtca; also 0.5-1mm calcite/chlorite/quartz strs at 50-55 dtca at 15-40cm intervals and xcut overall fabric; tr py dissem; 7.3-8.5 35-40% irreg to 50 deg planar carbonate vlt at times with angular host frags; flow top? 12.3-13.6 again 30% white carbonate vlt/flow top infill?; barren looking overall; 1% irreg magnetite/calcite threads/strs 19.5-20.0 amydules? 21.4-23.0 more banded looking; increase in fabric intensity at 50 dtca; weak ankerite alteration with weak sericite/<fuchsite in altered bands; calcite still present; trace cubic py along rare carbonate vlt	4.50	6.00	796887	0.007		
			6.00	7.30	796888	<0.005		
			7.30	8.50	796889	0.005		
			8.50	9.80	796890	0.007		
			9.80	11.00	796891	0.005		
			11.00	12.30	796892	0.006		
			12.30	13.60	796893	0.006	mt veinlets	
			13.60	15.00	796894	0.008		
			15.00	16.90	796895	<0.005		
			16.90	18.40	796896	<0.005		
			18.40	19.90	796897	0.009		
			19.90	21.40	796898	<0.005		
			21.40	23.00	796899	<0.005		
23.00	24.00	Felsic Volcanics med grey to buff grey where sericitic; weak sericite alteration along weak fabric at 50 dtca; weakly calcitic; tr py dissem	23.00	24.60	796901	0.005		
24.00	42.40	Sediments, Undifferentiated Clastics; Carbonate dark grey rounded silicified fragmens (0.5-1cm); some host frags with cubic py; irreg buff sericitic bands; some qtz porph tuff bands; one hairline fault at 5.2m at 73 deg; over fabric at 50-55 dtca; broken up med grey carbonate vlt (15%) with adjacent 1mm py dissem grains; overall 1-3% cubic grains of py and minor finer dissem; 30-35% med grey carb altered zones w minor py; locally with lighter grey fragments/clasts w py rims in darker grey matrix; up to 10% coarse cubic grains of py ; variable banding at 50-60dtca; some carb alteration bands at 35 dtca; 27.0-30.5 predominantly with ankerite alteration 30.5-33.0 fine grained grey (wacke?) bands with coarse 1-5mm py grains/cubes 33.0-37.1 increased carb alteration; patches of up to 10% coarse py 37.1-42.4 localized fragments/brecciation? with up to 25% carb alteration; 1% coarse py in patches	24.60	25.90	796902	0.095	sed/frag	
			25.90	27.00	796903	0.344		
			27.00	28.10	796904	0.165		
			28.10	29.40	796905	0.218		
			29.40	30.50	796906	0.829		
			30.50	32.00	796907	1.016		
			32.00	33.00	796908	0.861		
			33.00	34.30	796909	0.174		
			34.30	35.40	796910	0.143		
			35.40	37.10	796911	0.116		
			37.10	38.30	796912	0.010		
			38.30	39.50	796913	0.007		
			39.50	41.00	796914	<0.005		
			41.00	42.40	796915	0.006		

Description			Assay - Sample				
			From	To	Sam...	Au (g / t)	Description
42.40	45.60	Sediments, argillite, mudstone 85% fine grained black argillite; weak to moderate fabric (bedding?) at 55 dtca; 1-2% coarse 1mm-5mm cubic py grains as seams parallel fabric with minor calcite shadows; 43.0-43.4 fine grained light grey wacke? Band; upper/lower contacts at 30/53dtca	42.40	43.80	796916	0.005	
			43.80	45.60	796918	0.006	
45.60	49.00	Sediments, Greywacke med grey with dark greenish grey 'clots' of chlorite giving porphyritic appearance when dry; 1-5% fine py dissemin throughout with dissemin 'blebs' up to 3mm; locally 2-5mm cubic grains; weak fabric at 50-55 dtca	45.60	46.80	796919	0.009	
			46.80	47.90	796920	<0.005	py dissemin
			47.90	49.00	796921	<0.005	py dissemin
49.00	51.30	Sediments, argillite, mudstone 85% fine grained black argillite; bedding fabric at 55-60 dtca; 1-2% fine grey bands; 1-3% coarse py threads/grains developed along fabric planes 50.1-50.4 med grey f.g. Unit contact at 60 dtca	49.00	50.20	796922	0.058	argillite
			50.20	51.30	796923	0.027	argillite
51.30	55.60	Sediments, Greywacke similar to wacke above but yellowy green colour in sections of sericite alteration; pervasive py minz as fine dissemin to 3mm irregular blebs to 2mm cubes 57.0-55.6 finer grained; more siliceous; weak carbonate alteration; <1% thin green alteration bands (<3mm) of fuchsite; 1% py up to 5% for 20cm at lower contact	51.30	52.90	796924	6.652	py dissemin
			52.90	54.50	796925	1.204	py dissemin
			54.50	55.60	796926	0.213	py dissemin
55.60	58.20	Sediments, argillite, mudstone 30% black argillite banding at 63 dtca grading into more siliceous banded unit similar to IF below but not magnetite/sphal; weak carb alteration at lower contact; minor fine bands of sericite alteration (<5mm); 55.6-56.4 3-5% fine dissemin to 2mm cubic py along argillite planes 56.4-58.2 more siliceous; 1-2% fine py dissemin to 2mm blebs	55.60	56.80	796927	0.170	argillite
			56.80	58.20	796928	0.218	argillite+carb
58.20	60.00	Chem Seds, Chert, Sulphide IF medium to dark grey magnetite BIF; banding at 50-55 dtca with minor offsets along xcutting slips/carb threads at 25-30dtca; 15-20% grey magnetite bands; 1-2% py dissemin; up to 1% reddish threads of sphal; tr grains of aspy;	58.20	60.00	796929	0.606	BIF mt/py/sphal
60.00	85.00	Silicified Zone/Qtz; Mafic/UM Volcanics, Undifferentiated; Altered moderate silicified carbonate altered zone; white to cream to light grey; 2-5% coarse py in zones of increased silicification and quartz veining; 60.0-61.2 highly silicified zone; fragments of IF in med grey carb/silica matrix; 2-8% dissemin to cubic py; lower contact at 35dtca 61.2-65.6 moderately to strongly silicified carbonate zone; 10% shallow quartz veinlets at 10-20 dtca; increased py minz adj to the qtz vlts; 65.6-68.3 light green carbonate; 1-3% qtz vlts; tr py dissemin; weak to moderately silicified; trace moly?/specularite? at 67m 68.3-71.7 greyer; moderately silicified; 5% white quartz veinlets up to 5cm wide; 0.5% py as irreg	60.00	61.20	796930	7.445	BIF py
			61.20	62.70	796931	0.859	carb zone
			62.70	64.10	796932	8.875	carb zone; py; qtz vlts
			64.10	65.60	796933	1.480	carb zone; py; qtz vlts
			65.60	66.80	796935	0.453	carb zone
			66.80	68.30	796936	3.908	carb zone
			68.30	69.30	796937	0.012	carb zone
			69.30	70.50	796938	0.044	carb zone

Description			Assay - Sample				
			From	To	Sam...	Au (g / t)	Description
		patches of fine disseminations 71.7-78.5 30% ripped up buff sericitic bands/fragments of extremely altered ultramafic??; 0.5-1% fine py disseminations in thin quartz threads and adjacent to buff patches; weakly silicified 78.5-80.9 medium to dark grey; pervasive strong silicification; weak banding at 50-60 dtca with 15% shallow white bull quartz veinlets up to 25cm wide at 25-30dtca; 1% py as irregular bands/threads of fine disseminations grains in or adjacent to quartz rich patches 80.9-85.0 more carbonate but still moderate to strong silicification; white to light grey quartz; 0.5% disseminations py threads	70.50	71.70	796939	0.370	carb zone
			71.70	73.20	796940	0.808	carb zone
			73.20	74.80	796941	1.502	carb zone
			74.80	76.30	796942	0.341	carb zone
			76.30	77.50	796943	0.536	carb zone
			77.50	78.50	796944	0.201	carb zone
			78.50	79.70	796945	0.700	carb zone; qtz rich
			79.70	80.90	796946	0.060	carb zone; qtz rich
			80.90	82.10	796947	0.014	carb zone
			82.10	83.20	796948	0.270	carb zone
			83.20	84.60	796949	0.030	carb zone
			84.60	85.60	796951	0.030	carb zone
85.00	86.90	Quartz 95% light to dark grey smokey quartz vein (as in RLG-18-59); indistinct upper contact; lower contact at 40 dtca; 1-5% py as fine irregular disseminations threads	85.60	86.90	796952	0.088	smokey qtz zone
86.90	90.70	Felsic Volcanics; Sericitic moderate; Fuchsite; Porphyritic as below smokey quartz vein in RLG-18-59; altered to creamy white to pale green at upper contact to yellow green sericite/fuchsite altered away from contact; trace py associated with quartz rich bands (<1%) at 45 dtca; mod fabric 45-55dtca; 86.9-88.2 moderately silicified pervasive carb altered bleached tuff; 88.2-90.7 75% yellow/green sericite/fuchsite alteration with weak to mod fabric at 55-60 dtca; minor py	86.90	88.20	796953	1.622	
			88.20	89.40	796954	0.332	ser/fuc altn
			89.40	90.70	796955	<0.005	ser/fuc altn
90.70	98.90	Felsic Volcanics medium grey relatively uniform unit with 10% diffuse yellow buff sericitic bands at 45 dtca; 1% 1-2mm calcite stringers at 40 and 20 dtca (2 sets); weakly calcitic rare 5mm quartz veinlet at 40 dtca; tr cubic py	90.70	92.00	796956	<0.005	
			92.00	94.00	796957	<0.005	
			94.00	96.00	796958	<0.005	
			96.00	97.50	796959	0.006	
			97.50	98.90	796960	0.021	
98.90	110.50	Felsic Volcanics; Sericitic moderate; Fuchsite; Porphyritic pervasive yellowish green sericite/fuchsite/<ankerite alteration of quartz (0.5-5mm)porphyritic tuff; thin bands (1-2mm) of bright yellow sericite with black specks (non-magnetic) parallel weak fabric at 45-55 dtca; tr patches of fine py disseminations	98.90	100.50	796961	0.009	altrd felsic porph
			100.50	102.50	796962	<0.005	altrd felsic porph
			102.50	104.50	796963	<0.005	altrd felsic porph
			104.50	106.50	796964	<0.005	altrd felsic porph
			106.50	108.50	796965	<0.005	altrd felsic porph
			108.50	110.50	796966	<0.005	

Description		Assay - Sample					
		From	To	Sam...	Au (g / t)	Description	
110.50	116.70	Felsic Volcanics med grey; pervasive weak calcite; very weak fabric 45-50 dtca xcut by dark chlorite/quartz threads at 45-50 dtca; 1-3% wispy buff sericitic patches; tr py adjacent to calcite str	110.50	112.20	796968	0.024	
			112.20	113.90	796969	0.026	
			113.90	115.40	796970	0.112	
			115.40	116.70	796971	0.036	
116.70	120.80	Felsic Volcanics; Sericitic moderate; Fuchsite; Porphyritic 50% light greenish yellow sericitic/weak fuchsite alteration; remainder grey to buff with carb alteration (calcite); 1-2% py dissemin in grey calcitic patches; weak localized banding at 50-60 dtca;	116.70	118.00	796972	0.021	
			118.00	119.50	796973	0.017	
			119.50	120.80	796974	0.009	
120.80	131.00	Felsic Volcanics; Porphyritic medium grey to buff grey where weakly sericitic; weak fabric 45-50 dtca; weakly calcitic; 1-2% py dissemin in sericitic sections	120.80	122.10	796975	0.033	
			122.10	123.40	796976	0.531	
			123.40	124.80	796977	0.065	
			124.80	126.80	796978	0.016	
			126.80	128.90	796979	0.082	
131.00	136.80	Felsic Volcanics; Sericitic moderate; Porphyritic medium brownish buff with pervasive dark sericite alteration; 1-3% dissemin to 1mm cubic py grains; weakly calcitic and calcite str at 20 dtca; porphyritic looking with dark grey green quartz/chlorite patches and 1mm quartz porphs 131.3 7cm quartz vein at 50 dtca	128.90	131.00	796980	0.136	
			131.00	132.50	796981	0.249	
			132.50	133.90	796982	0.262	
			133.90	135.30	796983	0.333	
			135.30	136.80	796985	0.231	
136.80	141.90	Felsic Volcanics greyer; more siliceous; weak sericite alteration; 0.5% finer py dissemin; calcite threads at 20-25 dtca and calcite/chlorite/<quartz str at 50-60dtca xcutting weak fabric in felsic unit (45-50 dtca);	136.80	138.20	796986	0.161	
			138.20	139.70	796987	0.029	
			139.70	140.80	796988	0.066	
			140.80	141.90	796989	0.049	
141.90	144.80	Felsic Volcanics; Sericitic weak; Porphyritic med brownish buff grey; weak to moderate sericite alteration; 3-10% 0.5-1.0mm quartz porphs; weakly calcitic in patches; rare white calcite str at 10-20 dtca; calcite/chlorite str at 35-40 dtca; trace py mineralization; no distinct lower contact	141.90	143.30	796990	0.024	
			143.30	144.80	796991	0.014	
144.80	150.30	Felsic Volcanics greyer; more siliceous; quartz/chlorite/moderately calcitic; almost intrusive looking; calcite/chlorite str (<1%) at 55-60dtca; 0.5 py dissemin often assoc with calcite/chlorite str at 35-40 dtca; gradational contact 147.6-148.1 slightly green; stronger calcite; sharp contacts and weak banding at 40 and 57 dtca; narrow tuff unit or possible dyke??	144.80	146.30	796992	0.027	
			146.30	147.60	796993	<0.005	
			147.60	149.10	796994	0.053	
			149.10	150.30	796995	0.023	
150.30	158.80	Felsic Volcanics; Sericitic weak; Porphyritic	150.30	151.90	796996	0.012	

Description		Assay - Sample				
		From	To	Sam...	Au (g / t)	Description
158.80	171.00 Felsic Volcanics; Sericitic moderate; Porphyritic lighter grey to buff with increased sericite alteration; calcite/chlorite stringers/threads (<2mm) at 40-50dtca; 0.5-1% very fine py dissem and along stringers 150.3-151.9 greyer; still calcitic as above 151.9-158.8 increase in sericite alteration; stronger adjacent to stringers; more frequent chlorite/calcite str at 50-60 dtca; rare black quartz/tourmaline veinlet (5mm) at 45 dtca; tr py in proximity of the stringer/veinlets and within them pervasive yellowish buff colour due to sericite alteration; 5-15% quartz porphs up to 2mm in size; weak fabric at 40 dtca; lack of chlorite/calcite stringers as noted above; tr py minz 160.8-162.2 much greyer; more massive looking; tr py on slip planes 165.3 narrow shear zone? at 40 dtca; quartz with chloritic bands and some host frags/lenses 166.8-167.1 calcite/<quartz vein/shear with grey to buff host frags at 45 dtca 171.0 m EOH	151.90	153.30	796997	<0.005	
		153.30	154.90	796998	<0.005	
		154.90	156.10	796999	0.091	sericitic
		156.10	157.30	798001	0.005	new series
		157.30	158.80	798002	0.009	sericitic
		158.80	160.80	798003	<0.005	sericitic porph
		160.80	162.20	798004	0.010	
		162.20	163.20	798005	0.068	sericitic porph
		163.20	164.70	798006	<0.005	sericitic porph
		164.70	166.20	798007	0.007	sericitic porph
		166.20	167.80	798008	0.077	sericitic porph
		167.80	169.40	798009	<0.005	sericitic porph
169.40	171.00	798010	<0.005	sericitic porph		

Assay - QAQC

Sample number	Type	Reference	Duplicate type	Au Final (g/t)
796900	(Dbl)	796899	1/4 split	0.000
796917	(Blk)	BLK3		0.000
796934	(Std)	2K low		1.696
796950	(Dbl)	796949	1/4 split	0.024
796967	(Blk)	BLK3		0.000
796984	(Std)	7E		7.840
797000	(Dbl)	796999	1/4 split	0.000

Surv... RLG-18-61

WEST RED LAKE GOLD MINES

East	421366.0
North	5656868.0
Elevation	374.0

Azimuth: 325.00°

Dip: -55.00°

Length: 159.00

Section:

Claims title:

Township:

Core storage Rowan Lake

Start date: 2018-11-24

End date: 2018-11-26

Description date: 2018-11-24

Author: Ken Guy/C.St.Louis

Contractor: Chibougamau

Down hole survey

Type	Depth	Azimuth	Dip	Invalid ...
Reflex EZ shot	14.00	325.30°	-54.60°	No
Reflex EZ shot	47.00	330.20°	-53.10°	No
Reflex EZ shot	98.00	331.30°	-52.30°	No
Reflex EZ shot	137.00	331.80°	-51.40°	No

Type	Depth	Azimuth	Dip	Invalid ...

Number of samples: 104

Total sampled length: 153.80

Number of QAQC samples: 7

NQ size core

From	To	Title	From	To	Title
0.00	3.70	CASING	118.70	120.60	Intrusive, Mafic
3.70	23.20	Mafic Volcanic, Flow	120.60	127.50	Felsic Volcanics; Sericitic moderate; Fuchsite; Porphyritic
23.20	47.30	Sediments, Undifferentiated Clastics; Carbonate			
47.30	49.50	Sediments, argillite, mudstone; Graphitic	127.50	130.90	Felsic Volcanics
49.50	53.50	Sediments, Greywacke	130.90	132.40	Intrusive, Mafic
53.50	57.70	Sediments, argillite, mudstone; Graphitic	132.40	153.40	Felsic Volcanics
57.70	59.50	Sediments, Greywacke; tuff	153.40	159.00	Felsic Volcanics; Sericitic moderate; Porphyritic
59.50	63.20	Felsic Volcanics; Sericitic moderate; Porphyritic			
63.20	64.90	Sediments, argillite, mudstone			
64.90	68.80	C.S., Silicate Facies Iron Formation			
68.80	98.20	Quartz/Carbonate			
98.20	100.30	Quartz			
100.30	105.00	Sediments, Greywacke			
105.00	111.10	Felsic Volcanics; Porphyritic			
111.10	118.70	Felsic Volcanics; Sericitic moderate; Fuchsite; Porphyritic			

Description			Assay - Sample						
			From	To	Sam...	Au (g / t)	Description		
0.00	3.70	CASING							
3.70	23.20	Mafic Volcanic, Flow medium grey green mafic volcanic; fine grained; pervasive calcite and 2-5% wispy calcite threads at 20-40 dtca +/- fine grey magnetite (1% overall stringers); 1% xcutting steeper calcite/chlorite threads at 50-60 dtca; localized carbonate veinlet zones up to 0.4m wide as possible interflow infill(?) but barren overall; trace py minz 21.3-23.2 more disrupted looking approaching lower contact; 40-45 deg fabric but with sub-parallel slips/faults at 25 dtca; tr py 1cm at contact	3.70	5.30	798011	0.006	mafics		
			5.30	7.00	798012	<0.005			
			7.00	8.20	798013	<0.005			
			8.20	9.20	798014	<0.005	vlts		
			9.20	10.70	798015	0.006			
			10.70	12.00	798016	<0.005	vlts		
			12.00	13.40	798018	<0.005			
			13.40	14.80	798019	0.008			
			14.80	16.20	798020	<0.005			
			16.20	17.80	798021	<0.005			
			17.80	19.30	798022	<0.005			
			19.30	21.30	798023	<0.005			
			21.30	23.20	798024	<0.005	contact zone		
23.20	47.30	Sediments, Undifferentiated Clastics; Carbonate med grey to grey green to buff debris flow; up to 25% more carbonate looking as med to dark grey units; top of flow fabric a 40-45 dtca; polymictic fragments of quartz porph tuff; banded IF; carbonate fragments; clasts sub-angular to rounded up to 10 cm in size; 1-3% fine to coarse (5mm) dissem to cubic py in clasts bearing bands and as rims around the clasts; some coarse cubic py growing across fragment/matrix contacts; tr py in carbonate looking units; aspy noted at 40.2m as fine grains around a clast; 23.2-29.9 moderately banded with sericite alteration; rare 5mm band of fuchsite alteration; distinct clasts at lower contact 29.5-29.65 dark grey vuggy quartz/<tourm vein at 10 dtca; vugs filled with py grains up to 1mm; 29.9-35.3 med to dark grey more carbonate looking; moderately hard but not silicified; tr py dissem; 15% narrow bands of clastics (30cm) with coarse py grains; so 30.0-31.0 1-3mm vuggy quartz/py str at 47 dtca; also irreg grey quartz/<outrm str along core axis (<1cm) 35.3-41.6 clastic unit: 1-3% fine to coarse py grains and cubes (0.5-3mm but up to 5mm) 41.6-45.2 more carbonate unit with up to 20% clastic bands (<20cm) with 1% cubic py; harder/weakly silicified compared to above; tr py in carbonate bands 45.2-47.3 clastic unit; 1-3% coarser py dissem blebs and cubis in across both clasts and matrix	23.20	24.50	798025	<0.005			
			24.50	26.00	798026	<0.005			
			26.00	27.40	798027	<0.005			
			27.40	28.70	798028	0.027			
			28.70	29.90	798029	2.158	grey quartz + py		
			29.90	30.10	798030	0.331	carb zone		
			30.10	32.50	798031	0.125	carb zone		
			32.50	33.90	798032	1.927			
			33.90	35.30	798033	0.089			
			35.30	36.70	798035	0.116	clastics		
			36.70	38.00	798036	0.009	clastics		
			38.00	39.20	798037	0.032	clastics		
			39.20	40.40	798038	0.045	clastics		
			40.40	41.60	798039	0.679	clastics		
			41.60	43.40	798040	0.006	carb zone		
			43.40	45.00	798041	<0.005			
			45.00	46.10	798042	0.032	clastics		

Description			Assay - Sample				
			From	To	Sam...	Au (g / t)	Description
47.30	49.50	Sediments, argillite, mudstone; Graphitic fine grained black argillite; trace bands of discontinuous coarse py grains at 30-45dtca along fabric; fine graphite along fabric planes	46.10	47.30	798043	0.018	clastics
			47.30	48.40	798044	0.019	argillite
			48.40	49.50	798045	0.018	argillite
49.50	53.50	Sediments, Greywacke med grey mottled looking texture when dry due to 1-2mm chloritic clots/patches; relatively uniform; 0.5% fine py dissemin increasing to 3-5% coarse irreg blebs at lower contact (0.8m)	49.50	51.50	798046	<0.005	
			51.50	53.50	798047	0.007	
53.50	57.70	Sediments, argillite, mudstone; Graphitic 60% fine grained black argillite with 25-30% fine grained med grey banded seds and 10% sericitic quartz porph felsic bands; no graded bedding noted; bedding at 50-55 dtca with a fold near lower contact; 1-3% coarse py contained predominantly in argillite and adjacent contact with grey bands; fine graphite along fabric planes	53.50	55.50	798048	0.039	argillite
			55.50	57.50	798049	0.087	argillite
			57.50	59.50	798051	0.323	
57.70	59.50	Sediments, Greywacke; tuff medium grey felsic unit; possible grey wacke tuff? Grades into felsic quartz porph below; barren looking but up to 2-5% coarse py at lower contact area (0.4m) and weakly banded at 50 dtca					
59.50	63.20	Felsic Volcanics; Sericitic moderate; Porphyritic 60-70% sericitic felsic quartz porph unit as seen in RLG-18-60; dark grey to nearly black quartz/<tourmaline vein along core (<10 dtca); 3 vlt or same one?; 3-5% coarse dissemin to cubic py grains (up to 3mm) in both host and vlt; some grains noted as growing across the contact; more blebby and as fine fracture infill in vlt and more cubic in felsic; two 2-3mm blebs of chalco noted; 60.7-63.2 as described above but with 1-2% acicular aspy grains in the felsic unit in proximity to the grey quartz veinlets	59.50	60.70	798052	5.486	quartz/tourm vn
			60.70	62.20	798053	1.118	quartz/tourm vn+aspy
			62.20	63.20	798054	0.960	quartz/tourm vn+aspy
63.20	64.90	Sediments, argillite, mudstone argillites as above with 15% fine grey units; bedding at 53 dtca; 1-3% fine to coarse py along fabric planes; no graphite noted	63.20	64.90	798055	0.230	argillite
64.90	68.80	C.S., Silicate Facies Iron Formation medium grey highly siliceous cherty looking banded unit; minor carbonate; banding/bedding at 55-60 tca; 2-5% 1mm-3mm cubic py and 0.5mm dissemin along fabric; 1cm grey quartz veinlets along core axis (<10 deg) with coarse py grains (re-mobilized from host??) 67.0-68.8 5-10% fine to coarse py dissemin and up to 2mm cubic grains both in host and along shallow angle quartz veinlets 68.0-68.35 narrow zone with disrupted magnetite bands - same unit as in RLG-18-60??	64.90	66.40	798056	0.835	chem seds
			66.40	67.60	798057	3.498	BIF-shallow quartz vlt
			67.60	68.80	798058	9.522	BIF+ mt-py
68.80	98.20	Quartz/Carbonate	68.80	70.70	798059	0.311	carb zone; py/sphal

Description		Assay - Sample				
		From	To	Sam...	Au (g / t)	Description
		70.70	71.90	798060	0.052	carb zone
		71.90	73.10	798061	0.021	carb zone
		73.10	74.50	798062	1.035	carb zone
		74.50	75.80	798063	0.117	qtz vlts
		75.80	77.10	798064	0.091	carb + py/sphal
		77.10	78.50	798065	0.034	carb zone
		78.50	79.90	798066	0.412	carb zone
		79.90	81.30	798068	0.027	carb zone
		81.30	82.70	798069	0.018	carb zone
		82.70	83.80	798070	0.049	qtz vlts
		83.80	85.20	798071	0.149	carb zone
		85.20	86.20	798072	3.539	carb zone + qtz/sphal/galena
		86.20	87.10	798073	0.502	qtz vlts
		87.10	88.20	798074	0.638	carb zone + qtz/sphal/galena
		88.20	90.00	798075	0.080	carb zone
		90.00	91.60	798076	13.010	qtz/py/sphal/galena/sch eelite
		91.60	93.00	798077	60.690	heavy py/minor sphal
		93.00	94.50	798078	0.338	carb zone
		94.50	96.20	798079	0.152	carb zone
		96.20	98.20	798080	0.146	40% quartz vn
98.20	100.30	98.20	99.30	798081	0.060	qtz vn
		99.30	100.30	798082	0.045	qtz vn
100.30	105.00	100.30	102.20	798083	0.025	
		102.20	104.00	798085	0.026	
		104.00	105.00	798086	0.010	fuchsite
105.00	111.10	105.00	107.00	798087	0.019	felsic porph sericite
		107.00	109.00	798088	<0.005	felsic porph sericite
		109.00	111.00	798089	0.008	

Description		Assay - Sample					
		From	To	Sam...	Au (g / t)	Description	
111.10	118.70	Felsic Volcanics; Sericitic moderate; Fuchsite; Porphyritic pervasive yellowish green sericite/<fuchsite alteration; weak to moderate fabric 30-35 dtca; trace py minz as fine dissem; relatively soft 116.3-116.6 two 5cm dark grey bands containing host frags; fault breccias? At 35 dtca xcutting the fabric	111.00	113.00	798090	<0.005	seri/fuch
			113.00	115.00	798091	0.016	seri/fuch
			115.00	117.00	798092	0.044	seri/fuch
			117.00	118.70	798093	0.006	seri/fuch
118.70	120.60	Intrusive, Mafic med grey; pervasive weak calcification; weak 1cm zone of bleaching at both contacts; very weak fabric parallel contacts; 1-2% planar 1cm calcite strs at 20-30 dtca; some at <10 dtca	118.70	120.60	798094	0.019	dyke?
120.60	127.50	Felsic Volcanics; Sericitic moderate; Fuchsite; Porphyritic pervasive yellowish green sericite/fuchsite alteration; weak to moderate fabric 30-35 dtca; trace py minz as fine dissem; relatively soft as above; med to light grey sub-rounded fragments up to 1cm in size; weak internal fabric at 50 dtca; 1mm black slips of chlorite/<quartz/<<tourmaline at 42 dtca for 0.8m at lower contact; no minz noted	120.60	122.60	798095	<0.005	
			122.60	124.20	798096	0.007	seri/fuch clastics
			124.20	125.90	798097	<0.005	seri/fuch clastics
			125.90	127.50	798098	0.006	seri/fuch
127.50	130.90	Felsic Volcanics medium grey; fine grained felsic unit; very weak fabric 45-50dtca; <0.5% py dissem and 1mm cubes; two sets of 1mm calcite threads mutually xcutting with minor offsets at 20-30 dtca	127.50	128.90	798099	0.008	felsic
			128.90	129.50	798104	0.007	
			129.50	131.00	798101	0.012	felsic
130.90	132.40	Intrusive, Mafic sharp 60/23 degree contacts; med grey green; more chloritic; calcitic; 1-5% diffuse chloritic clots/patches (<2mm) along weak fabric at 45-50dtca	131.00	132.40	798102	0.008	
132.40	153.40	Felsic Volcanics medium grey to buff grey with wispy buff sericitic threads/bands; fine grained felsic unit; very weak fabric 45-50dtca; <0.5-2% py dissem and 1mm cubes scattered throughout; locally calcitic; dark green to black/<calcite threads at 45-65 dtca xcutting weak fabric; 132.4-133.0 bleached buff at contact; moderate pervasive calcite; 132.6 3cm black fault? with fragments; 132.9-133.0 narrow clastic band at 56 dtca 134.4-134.7 mafic dyke? similar looking to above 134.7-144.0 weak sericite altrn; calcitic 144.0-147.2 stronger sericite; loss of calcite; 2-5mm calcite strs at 25-30 dtca (<1%) 147.2-148.8 much stronger calcite; med grey patches often with very fine magnetite; tr py; weak shrz? 148.8-152.5 greyer; more uniform; up to 1% very fine py dissem; 150.8-151 weak shear zone at 15 dtca; sericite/calcite altrn	132.40	133.40	798103	0.010	
			134.90	136.00	798105	<0.005	
			136.00	137.50	798106	0.021	
			137.50	139.00	798107	0.045	
			139.00	141.00	798108	0.063	
			141.00	142.10	798109	0.052	
			142.10	143.50	798110	0.042	
			143.50	145.40	798111	0.402	
			145.40	147.20	798112	0.015	
			147.20	148.80	798113	0.008	
			148.80	150.70	798114	0.020	
150.70	152.30	798115	0.225				

Description		Assay - Sample					
		From	To	Sam...	Au (g / t)	Description	
153.40	159.00	Felsic Volcanics; Sericitic moderate; Porphyritic same but with up to 5% sub rounded quartz porphs (up to 1mm); 0.5-1.5% fine py disseminated throughout; green buff to buff where sericitic/fuchsite altered; 155.7-156.3 30% calcite carbonate vls/infill with minor quartz; 1-3% fine py disseminated; weak shear zone? (similar in RLG-18-60?) EQH	152.30	153.40	798116	0.037	altrd zove/shrz
			153.40	155.00	798118	0.047	
			155.00	156.30	798119	0.096	
			156.30	157.30	798120	<0.005	
			157.30	159.00	798121	0.006	

Surv... RLG-18-62

WEST RED LAKE GOLD MINES

East	421437.0
North	5656936.0
Elevation	380.0

Azimuth: 320.00°

Dip: -45.00°

Length: 219.00

Section:

Claims title:

Township:

Core storage Rowan Lake

Start date: 2018-11-26

End date: 2018-11-28

Description date: 2018-11-26

Author: Ken Guy/C.St.Louis

Contractor: Chibougamau

Down hole survey

Type	Depth	Azimuth	Dip	Invalid ...	Type	Depth	Azimuth	Dip	Invalid ...
Reflex EZ shot	17.00	320.10°	-44.80°	No					
Reflex EZ shot	68.00	321.60°	-43.90°	No					
Reflex EZ shot	119.00	322.70°	-42.60°	No					
Reflex EZ shot	170.00	324.50°	-41.50°	No					
Reflex EZ shot	215.00	326.10°	-40.40°	No					

Number of samples: 147

Total sampled length: 213.00

Number of QAQC samples: 9

NQ size core

From	To	Title	From	To	Title
0.00	6.00	CASING	60.40	62.10	Felsic Volcanics; Sericitic moderate; Fuchsite; Porphyritic
6.00	7.00	Felsic Volcanics			
7.00	8.20	Carbonate	62.10	66.20	Felsic Volcanics; Sericitic moderate
8.20	11.30	Quartz Vein System - strong	66.20	74.60	Felsic Volcanics
11.30	38.90	Quartz/Carbonate	74.60	82.20	Felsic Volcanics; Sericitic moderate
38.90	41.10	Quartz	82.20	86.30	Felsic Volcanics; Sericitic moderate
41.10	42.80	Felsic Volcanics; Sericitic moderate; Porphyritic	86.30	91.20	Felsic Volcanics; Sericitic moderate; Porphyritic
42.80	45.10	Felsic Volcanics	91.20	101.90	Felsic Volcanics; Sericitic weak
45.10	48.80	Felsic Volcanics; Sericitic moderate; Fuchsite; Porphyritic	101.90	107.40	Felsic Volcanics
			107.40	113.00	Felsic Volcanics; Sericitic moderate;
48.80	51.90	Felsic Volcanics	113.00	131.90	Felsic Volcanics
51.90	53.80	Felsic Volcanics; Sericitic moderate; Porphyritic	131.90	132.70	Felsic Volcanics; Sericitic moderate; Porphyritic
53.80	54.90	Felsic Volcanics	132.70	137.30	Felsic Volcanics; Sericitic moderate
54.90	57.60	Felsic Volcanics; Sericitic moderate; Porphyritic	137.30	142.30	Felsic Volcanics; Sericitic moderate; Porphyritic
57.60	58.60	Fault Zone-altered,sericite,calcite	142.30	149.00	Felsic Volcanics
58.60	60.40	Felsic Volcanics	.....	.....	.....

Description			Assay - Sample						
			From	To	Sam...	Au (g / t)	Description		
0.00	6.00	CASING ground core							
6.00	7.00	Felsic Volcanics medium grey green mafic unit; 75% recovery; blocky with some ground core	6.00	7.00	798122	0.009			
7.00	8.20	Carbonate pale cream to white to light grey carbonate; 85% carbonate; 10cm dark grey silicified zone with volcanics; weak disrupted banding at 55 dtca; tr py min	7.00	8.20	798123	0.006		carb zone	
8.20	11.30	Quartz Vein System - strong intensely silicified quartz flooded and quartz banded zone; predominantly white bull quartz bands a 45-55 dtca; tr py dissem in grey patches; 1-3% more translucent quartz stringers at 20-30 dca 8.4-8.7 more silicified carbonate; 3-8% irreg bands/threads of py	8.20	9.20	798124	0.058		quartz zone	
			9.20	10.40	798125	0.020		quartz zone	
			10.40	11.60	798126	0.029		quartz zone	
11.30	38.90	Quartz/Carbonate creamy white to medium to dark grey (silicified) and buff bands (sericitic); weak to moderately silicified; white to translucent qtz threads/strs at 20-30 dtca; internal banding in vein often at 50-55 dtca; locally with irreg semi-massive py bands/patches where silicified; 11.6-13.1 med grey carbonate with py patches 13.1-14.1 darker grey; more silicified; hairline to 1mm seams of blue grey galena at 45-55 dtca; trace threads of yellow sphalerite; 1-3% py patches/threads 14.1-14.8 blocky yellow buff sericitic band at 35 dtca (altered mafic band?); 14.8-24.0 moderately silicified medium to dark grey carbonate zone with 3-10% semi-massive irregular bands of dissem py; white shallow quartz veinlets at 10-20 dtca but barren looking; 17.2-17.5 patches of black magnetite grains and red hematite in dark grey silicified carbonate; 2-3% py minz 18.6m 1cm white to light grey quartz veinlet at 10 dtca with py and yellow sphalerite minz 24.0-24.7 buff grey to yellow buff sericite alteration; altered volcanic unit? 24.7-32.4 medium to darker grey carbonate; mod silicified; 1% py as fine dissem patches; weak internal banding at 55-60 dtca; minor quartz threads at 5-25 dtca 28.4-29.7 30-40% irregular white bull qtz vlt; barren looking 32.4-34.6 same but with 1-2% dissem bands of py up to 1cm wide; 34.6-38.9 quartz rich pervasive; strong silicification; internal banding at 55 dtca; 0.5-1% bands of dissem py; 38.5-38.9 brecciated zone	11.60	13.10	798127	0.022		carb zone	
			13.10	14.10	798128	9.852		carb zone+galena	
			14.10	15.40	798129	0.495		carb zone + py	
			15.40	16.80	798130	0.558		carb zone + py	
			16.80	18.00	798131	0.333		carb zone + py +mt/hem	
			18.00	19.30	798132	0.166		1cm qtz + sphal	
			19.30	20.40	798133	0.615		carb zone + py	
			20.40	22.00	798135	0.219			
			22.00	24.00	798136	0.201			
			24.00	25.10	798137	0.040			
			25.10	26.10	798138	0.064		carb zone	
			26.10	27.20	798139	0.030		carb zone	
			27.20	28.40	798140	0.092		carb zone	
			28.40	29.70	798141	0.025		carb zone	
			29.70	31.00	798142	0.027		carb zone	
			31.00	32.40	798143	0.022		carb zone	
			32.40	33.90	798144	0.046		carb zone	
			33.90	35.00	798145	0.062		carb zone + PY	
			35.00	36.40	798146	0.251		carb zone + PY	
			36.40	37.60	798147	0.108		qtz zone	
			37.60	38.90	798148	0.011		qtz zone	

Description			Assay - Sample				
			From	To	Sam...	Au (g / t)	Description
38.90	41.10	Quartz med grey quartz zone as in previous holes; trace very fine py dissem; patches look like possibly completely replaced felsic porph?; 39.8-40.3 buff grey sericitic felsic band; 0.5-1% py dissem	38.90	40.00	798149	0.078	grey qtz zone
			40.00	41.10	798151	0.050	grey qtz zone
41.10	42.80	Felsic Volcanics; Sericitic moderate; Porphyritic emerald green fuchsite alteration to buff sericitic bands; internal banding 45-60 dtca; very granular texture and quartz rich grains; dark grey to buff clasts over 10cm band at 42.1m; black non-magnetic grains;	41.10	42.10	798152	0.323	fuchsite
			42.10	43.30	798153	0.031	
42.80	45.10	Felsic Volcanics medium grey felsic unit; pervasive weak calcite; tr py	43.30	45.10	798154	0.030	
45.10	48.80	Felsic Volcanics; Sericitic moderate; Fuchsite; Porphyritic yellowish green with emerald green streaks/patches; pervasive sericite/<fuchsite alteration; 2-5mm rounded black clasts; other sericitic clasts with diffuse contacts; threads of very yellow sericite with fine 0.5mm black non-magnetic grains; internal fabric 50-55 dtca; thin black quartz/calcite threads at 35 dtca (<0.5mm)	45.10	47.10	798155	0.006	ser/fuch
			47.10	48.80	798156	<0.005	
48.80	51.90	Felsic Volcanics medium grey; fg; weak fabric at 50 dtca; very weak sericitic patches; up to 0.5% as 1mm disseminated specks	48.80	50.00	798157	0.006	
			50.00	51.90	798158	0.017	
51.90	53.80	Felsic Volcanics; Sericitic moderate; Porphyritic yellow green sericite/fuchsite alteration; light to medium grey 3-5mm sub rounded clasts/frags in a very granular looking siliceous unit; sharp contacts	51.90	53.20	798159	0.010	
			53.20	54.90	798160	0.006	
53.80	54.90	Felsic Volcanics 50% fine grey felsic unit with 50% fuchsitic green; local bedding/banding at 60 dtca over 30cm at lower contact with small offsets along 1-2mm calcite stringers at 20 dtca					
54.90	57.60	Felsic Volcanics; Sericitic moderate; Porphyritic medium buff grey to greenish yellow sericitic alteration; light grey to medium subrounded to rounded grey felsic clasts/frags in granular quartz porphyritic matrix; 45-50 deg fabric/banding; if one continuous unit possibly fining downhole?; trace py dissem	54.90	56.20	798161	<0.005	
			56.20	57.60	798162	0.005	
57.60	58.60	Fault Zone-altered,sericite,calcite distinct looking unit; light grey to buff grey; pervasive calcite alteration; 5-10% white carbonate strs at 25-35 dtca paralell overall fabric and offset by xcutting dark greenish black 1-5mm chloritic slips/faults at 55-65 dtca: fault zone?	57.60	58.60	798163	0.022	
58.60	60.40	Felsic Volcanics greyer; f.g.; sericitic 59.6-60.4 possibly dyke	58.60	59.60	798164	0.061	
			59.60	60.80	798165	0.017	
60.40	62.10	Felsic Volcanics; Sericitic moderate; Fuchsite; Porphyritic	60.80	62.10	798166	<0.005	

Description		Assay - Sample					
		From	To	Sam...	Au (g / t)	Description	
62.10	66.20	<p>same qtz porph granular felsic unit with some finer clasts; possibly fining downhole?; patches of py dissem roughly along internal fabric at 57 dtca</p> <p>Felsic Volcanics; Sericitic moderate</p> <p>medium grey felsic unit; weak sericitic patches; localized zones with 25 deg fabric (weak shearing?); fine dissem py throughout (<1%); some xcutting black chlorite/calcite 1-2mm strs at 52-5dtca 64.7-65.2 weak shear zone at 25 dtca? 65.2-69.3 up to 20% quartz/calcite carbonate veinlets with angular host frags and 1% 1-2mm py grains; flow breccias/infill ?; variable contacts 27-47 dtca; rare quartz vlt at 15 dtca with minor py; fine py dissem overall (0.5%)</p>	62.10	63.80	798168	0.019	
			63.80	65.60	798169	<0.005	
			65.60	66.80	798170	0.022	
66.20	74.60	<p>Felsic Volcanics</p> <p>grey felsic unit; relatively uniform with <0.5% carb vlts at 30 dtca containing fine py; 69.9-72.9 medium grey; slightly coarser; almost intrusive looking; mottled white diffuse plag;</p>	66.80	67.90	798171	0.336	
			67.90	69.30	798172	0.130	
			69.30	70.70	798173	0.026	
			70.70	72.60	798174	0.007	
			72.60	73.60	798175	0.008	
			73.60	75.00	798176	0.008	
74.60	82.20	<p>Felsic Volcanics; Sericitic moderate</p> <p>fine grained; yellow buff with pervasive sericite alteration; 1-3% 1-2mm grey to white quartz stringers with py and calcite at 15-25 dtca subparallel the fabric of 30-35dtca; rare black quartz/tourmaline stringer (2-4mm) at 45 dtca xcutting fabric; 0.5-1% py dissem to 1mm cubic grains in host 81.2-81.3m 2cm very light grey quartz veinlet at 40 dtca with minor tourmaline/py adjacent to carbonate veins with host frags at 25 dtca</p>	75.00	77.00	798177	0.044	sericite
			77.00	79.00	798178	0.033	
			79.00	81.00	798179	0.144	
			81.00	82.30	798180	0.180	sericite
82.20	86.30	<p>Felsic Volcanics; Sericitic moderate</p> <p>greyer; slightly coarser; very weak sericite alteration;</p>	82.30	84.20	798181	0.299	
			84.20	86.20	798182	0.448	
			86.20	87.30	798183	0.062	
86.30	91.20	<p>Felsic Volcanics; Sericitic moderate; Porphyritic</p> <p>as f.g. Sericitic above but with 1-5% sub-rounded 10.5-2mm quartz porphs; minor white carbonate strs parallel fabric at 30 dtca; blackish green acicular grains amphibole (?) as black specks on core but seen on fabric planes; tr py minz</p>	87.30	88.30	798185	0.025	
			88.30	89.70	798186	<0.005	
			89.70	91.20	798187	0.036	
91.20	101.90	<p>Felsic Volcanics; Sericitic weak</p> <p>grey to buff where sericitized; weak to mod sericitized bands at 30dtca; 1-2% white q/c strs along fabric +/-quartz and py; med grey quartz threads with py at 15-20 dtca sub-parallel to fabric; overall 0.5-1% py dissem throughout with coarser/cubic py associated with veinlets</p>	91.20	92.90	798188	0.049	
			92.90	93.80	798189	0.018	
			93.80	95.50	798190	0.171	
			95.50	97.20	798191	0.109	
			97.20	99.00	798192	0.024	

Description		Assay - Sample					
		From	To	Sam...	Au (g / t)	Description	
101.90	107.40	Felsic Volcanics medium grey; slightly coarser; more massive (almost intrusive looking); 1% dark greenish black quartz-chlorite+/- tourmaline threads (.5mm-3mm) at 50-55 dtca at times with minor offsets along hairline slips at 10-15 dtca; py present in 1mm qtz threads at 15-20 dtca; overall 0.5%py dissem; gradational contacts	99.00	100.00	798193	0.149	
			100.00	101.90	798194	0.103	
			101.90	103.80	798195	0.061	
			103.80	105.50	798196	0.008	
			105.50	107.40	798197	0.007	
107.40	113.00	Felsic Volcanics; Sericitic moderate; finer grained; weak to mod sericitic alteration along fabric at 25-30dtca; 1-3% white carbonate (ankerite) vlt along fabric +/-quartz/py; rare black qtz-chlr-<tourm str at 53 dtca; fine py dissem up to 1% in patches 108.3m 6cm qtz-carb veinlet with coarse py dissem (10% within vlt) and odd pale yellow mineral with py	107.40	108.40	798198	8.698	qtz vlt with py
			108.40	110.40	798199	0.138	
			110.40	111.50	798201	0.469	
			111.50	113.00	798202	0.129	
113.00	131.90	Felsic Volcanics med grey; weak fabric 30 dtca; 1% patches of weak sericite alteration; 121.4-124.9 15% white to pale green calcite/<quartz vlt with up to 1% cubic py in vlt at 27-37 dtca	113.00	115.00	798203	0.029	
			115.00	117.00	798204	0.013	
			117.00	119.00	798205	0.012	
			119.00	120.30	798206	0.022	
			120.30	121.40	798207	0.009	
			121.40	122.40	798208	0.147	veinlets
			122.40	123.50	798209	0.067	veinlets
			123.50	124.90	798210	0.114	veinlets
			124.90	126.70	798211	0.046	
			126.70	128.90	798212	0.043	
131.90	132.70	Felsic Volcanics; Sericitic moderate; Porphyritic yellowish buff sericitic quartz porph unit; weak fabric at 30 dtca; irreg upper contact; sharper lower contact at 63 dtca	128.90	130.90	798213	0.017	
			130.90	132.70	798214	0.016	seri porph
			132.70	133.80	798215	0.020	
			133.80	135.00	798216	0.069	
			135.00	136.00	798218	0.084	qtz vlt along core
132.70	137.30	Felsic Volcanics; Sericitic moderate light grey to buff with weak to moderate sericite alteration; <1% quartz/carb str at 27-33 dtca; also 1mm chlorite-calcite threads at 53 dtca with adjacent sericite alteration; tr py overall 135.4-135.9 shallow quartz vein caught on edge of core; minor offsets by hairline chlorite/qtz/toum threads a 55 dtca; minor py at 1mm cubic and dissem specks	135.00	136.00	798218	0.084	qtz vlt along core
			136.00	137.70	798219	1.135	
			137.70	139.50	798220	<0.005	
137.30	142.30	Felsic Volcanics; Sericitic moderate; Porphyritic					

Description		Assay - Sample					
		From	To	Sam...	Au (g / t)	Description	
142.30	149.00	Felsic Volcanics yellow buff with grey patches; mod sericite alteration; 1mm quartz porphs; weak fabric 35-40 dtca; chloritic-carb slips at 15-30 dtca; tr py dissem	139.50	141.00	798221	<0.005	20% carb/qtz/py vlts
			141.00	142.30	798222	0.014	
			142.30	143.60	798223	0.009	
			143.60	145.50	798224	<0.005	
			145.50	147.30	798225	0.010	
149.00	154.40	Felsic Volcanics; Sericitic moderate; Porphyritic med grey to light grey buff; weak sericite alteration; quartz porphs up to 1mm; trace py noted; gradational contacts	147.30	149.00	798226	0.016	
			149.00	150.20	798227	0.005	
			150.20	151.40	798228	0.009	
			151.40	153.00	798229	0.005	
154.40	158.00	Felsic Volcanics light grey felsic unit; trace calcite threads at 15-20 dtca; 1% white carb vlts/strs at 20-35 dtca with trace py; alteration contact 37 dtca	153.00	155.00	798230	0.005	
			155.00	156.50	798231	0.009	
			156.50	158.00	798232	0.018	
158.00	176.50	Felsic Volcanics; Sericitic moderate; Porphyritic yellow buff with grey patches; mod sericite alteration; 1mm quartz porphs; weak fabric 35-40 dtca; weak chloritic patches; 0.5% py dissem 162.5-162.8m 30cm quartz/calcite/chlorite vein; 25/35 deg contacts; 1-2% py dissem; tan specks possibly scheelite 163.7-164.8m 30% ankerite/<calcite veined zones with chloritic host frags; tr fine py in carb; weak shear zone? 170.1-170.5 50% sub-angular host fragments with chloritic rims in creamy white ankerite/<calcite matrix; tr fine py; flow breccia?; upper contact at 35 dtca 172.4-172.5 distinct 10 cm breccia zone at 35-40 dtca; angular host frags with chloritic rims or completely chloritized if <1cm; barren looking	158.00	160.00	798233	0.021	
			160.00	162.00	798235	0.014	
			162.00	162.80	798236	0.262	
			162.80	163.80	798237	0.150	
			163.80	164.80	798238	0.014	
			164.80	165.90	798239	0.008	
			165.90	167.30	798240	0.022	
			167.30	168.70	798241	0.060	
			168.70	169.90	798242	0.021	
			169.90	170.90	798243	<0.005	
			170.90	171.90	798244	<0.005	
176.50	183.40	Felsic Volcanics; Sericitic moderate same unit and alteration but lack of quartz porphs; py dissem along carb/chlorite threads at 25-40 dtca along weak fabric; 15% med grey unaltered harder bands; 183.0-183.4 darker; more chloritic; possible dyke?; indistinct upper contact; sharp lower contact at 63 dtca	171.90	173.10	798245	0.008	
			173.10	174.50	798246	<0.005	
			174.50	176.00	798247	0.019	
			176.00	177.40	798248	0.012	
			177.40	179.00	798249	0.054	
			179.00	180.50	798251	0.007	
			180.50	182.00	798252	0.005	
182.00	183.40	798253	0.152				

Description		Assay - Sample					
		From	To	Sam...	Au (g / t)	Description	
183.40	196.60	Felsic Volcanics; Sericitic moderate; Porphyritic yellow buff; pervasive sericite alteration; softer; 5% 1mm quartz porphs; weak fabric at 25-30 dtca with thin chlorite/carb threads and rare quartz strs +/- cubic py or 1mm blebs; 190.6-191.8 2-3% quartz/calcite/chlorite 1mm strs at 55-60 dtca +/- py grains; rare 1cm quartz vein at 85 dtca 195.5-196.6 another zone quartz/calcite/chlorite strs at 55-60 dtca with minor py	183.40	185.10	798254	<0.005	
			185.10	187.00	798255	<0.005	
			187.00	189.00	798256	0.321	
			189.00	190.60	798257	<0.005	
			190.60	191.80	798258	0.010	
			191.80	193.00	798259	<0.005	
			193.00	194.30	798260	<0.005	
			194.30	195.50	798261	<0.005	
			195.50	196.60	798262	<0.005	
			196.60	198.90	Felsic Volcanics; Sericitic moderate pervasive sericite alteration; mottled texture to core when dry; trace py	196.60	197.80	798263	<0.005
197.80	198.90	798264				<0.005	
198.90	219.00	Felsic Volcanics; Sericitic moderate; Porphyritic grading back into quartz porph unit; 3-8% subrounded quartz porphs up to 2mm in pervasive sericitic altered felsic unit; weak fabric at 30 dtca with minor chloritic slips; trace 1cm white to light grey quartz/minor calcite veinlets at 30 dtca; grey to dark blackish green chlorite/calcite/quartz threads (0.5-3mm) at 45-65 dtca xcutting the fabric; tr py in proximity to the veinlets 205.5m 5cm quartz/chlorite/<calcite veinlet; at 37 dtca; barren looking EOH	198.90	200.40	798265	<0.005	
			200.40	202.00	798266	<0.005	
			202.00	203.00	798268	0.014	
			203.00	204.60	798269	0.006	
			204.60	205.80	798270	0.030	
			205.80	207.00	798271	<0.005	
			207.00	209.00	798272	<0.005	
			209.00	211.00	798273	<0.005	
			211.00	213.00	798274	<0.005	
			213.00	215.00	798275	0.009	
215.00	217.00	798276	<0.005				
217.00	219.00	798277	<0.005				

Assay - QAQC

Sample number	Type	Reference	Duplicate type	Au Final (g/t)
798134	(Std)	2K low		1.813
798150	(Dbl)	798149	1/4 split	0.023
798167	(Blk)	BLK3		0.032
798184	(Std)	7E		7.600
798200	(Dbl)	798199	1/4 split	0.084
798217	(Blk)	BLK3		0.000
798234	(Std)	2K low		1.345
798250	(Dbl)	798249	1/4 split	0.022
798267	(Blk)	BLK3		0.000

Surv... RLG-18-63

WEST RED LAKE GOLD MINES

East	421456.0
North	5656907.0
Elevation	378.0

Azimuth: 320.00°

Dip: -60.00°

Length: 180.00

Section:

Claims title:

Township:

Core storage Rowan Lake

Start date: 2018-11-28

End date: 2018-11-29

Description date: 2018-11-28

Author: Ken Guy/C.St.Louis

Contractor: Chibougamau

Down hole survey

Type	Depth	Azimuth	Dip	Invalid ...
Reflex EZ shot	14.00	317.50°	-59.00°	No
Reflex EZ shot	65.00	318.30°	-58.70°	No
Reflex EZ shot	125.00	320.60°	-57.40°	No
Reflex EZ shot	176.00	322.30°	-57.40°	No

Type	Depth	Azimuth	Dip	Invalid ...

Number of samples: 126

Total sampled length: 177.40

Number of QAQC samples: 8

NQ size core

From	To	Title	From	To	Title
0.00	2.60	CASING	76.70	77.80	Quartz/Carbonate
2.60	9.60	Sediments, Undifferentiated Clastics; Carbonate	77.80	80.10	Felsic Volcanics
9.60	36.10	Quartz/Carbonate	80.10	86.70	Quartz/Carbonate
36.10	39.80	Felsic Volcanics	86.70	87.90	Felsic Volcanics
39.80	43.70	Quartz/Carbonate	87.90	90.20	Quartz/Carbonate
43.70	44.60	Felsic Volcanics	90.20	94.70	Felsic Volcanics
44.60	50.70	Quartz/Carbonate	94.70	98.80	Quartz/Carbonate
50.70	52.00	Felsic Volcanics	98.80	105.00	Felsic Volcanics; Sericitic moderate
52.00	54.00	Quartz/Carbonate	105.00	110.30	Felsic Volcanics
54.00	56.80	Felsic Volcanics	110.30	118.50	Felsic Volcanics
56.80	59.80	Quartz/Carbonate	118.50	122.50	Felsic Volcanics; Sericitic moderate; Fuchsite
59.80	62.40	Felsic Volcanics; Sericitic moderate	122.50	127.60	Felsic Volcanics
62.40	65.70	Quartz/Carbonate	127.60	132.20	Felsic Volcanics; Sericitic moderate; Fuchsite
65.70	66.50	Felsic Volcanics; Sericitic moderate	132.20	138.20	Felsic Volcanics; Sericitic weak
66.50	75.00	Quartz/Carbonate	138.20	140.00	Felsic Volcanics
75.00	76.70	Felsic Volcanics	.....	.....	.....

Description			Assay - Sample					
			From	To	Sam...	Au (g / t)	Description	
0.00	2.60	CASING 3m total						
2.60	9.60	Sediments, Undifferentiated Clastics; Carbonate medium to dark matrix with sub-angular buff felsic to grey carb clasts; fragments up to 10cm; rust coating on some fractures; 3-5 % 1-2mm py generally in grey green matrix; carbonate fragments have a chloritic rim 2.6-5.5 coarser clasts; 1% py 5.5-9.6 3-5% coarse py dissem (up to 2mm) and cubic grains	2.60	3.80	798278	0.483		
			3.80	5.10	798279	0.273		
			5.10	6.60	798280	0.122		
			6.60	8.10	798281	0.040		
			8.10	9.60	798282	0.139		
9.60	36.10	Quartz/Carbonate light greyish white to medium grey; mottled texture; weak to moderately silicified with weak calcitic patches; internal banding in sections at 45-50 dtca locally xcut by white bull quartz veinlets at 30-40 dtca up to 4cm wide (<1% overall); fine 1-2 mm irregular/wispy threads of finely disseminated py; up to 5% in darker grey silicified patches; 9.6-10.9 moderately silicified carbonate; 1% fine py 10.9-11.4 grey buff sericitic band of fine felsic volcanic; contacts at 50/40 dtca 11.4-14.8 trace fine py 14.8-18.6 2-3% py (5% in patches); moderately silicified 18.6-20.8 increas in white quartz veinlets; pervasive silicification 20.8-26.6 grey; moderately to strongly silicified; more banded looking with up to 3% py 26.6-28.6 medium buff sericitic band of fine grained felsic tuff; contacts at 35/25 dtca 28.6-32.7 creamy white to light grey silicified carbonate; fine internal banding at 35-50 dtca and locally irreg; barren looking 32.7-36.1 medium grey more 'disrupted' looking; lack of good internal fabric/banding; more silicified; 1mm-3mm quartz threads at 37 dtca xcutting apparent fabric; 1-3% py dissem as wispy dissem threads and locally as shallow angle (10 dtca) bands	9.60	10.90	798283	0.056	carb zone	
			10.90	12.10	798285	0.031	carb zone	
			12.10	13.40	798286	0.012	carb zone	
			13.40	14.80	798287	0.033	carb zone	
			14.80	16.00	798288	0.148	carb zone	
			16.00	17.00	798289	0.187	carb zone + py	
			17.00	18.00	798290	0.028	carb zone + py	
			18.00	19.00	798291	0.121	carb zone + py	
			19.00	20.80	798292	0.058	carb + qtz vlt	
			20.80	21.80	798293	0.136	carb zone + py	
			21.80	23.20	798294	0.087	carb zone + py	
			23.20	24.50	798295	0.101	carb zone + py	
			24.50	25.50	798296	0.563	carb zone + py	
			25.50	26.60	798297	0.076	carb zone + py	
			26.60	27.60	798298	0.376	carb zone + py	
			27.60	28.70	798299	0.779	felsic	
			28.70	30.30	798301	0.048	carb zone	
			30.30	31.70	798302	0.008	carb zone	
			31.70	32.70	798303	0.015	carb zone	
			32.70	33.70	798304	0.110	carb zone	
			33.70	34.70	798305	5.626	carb zone + py	
			34.70	36.10	798306	0.115	carb zone	
36.10	39.80	Felsic Volcanics grey buff to buff sericitic fine grained felsic volcanic; weak internal fabric 40-45 dtca; sharp upper contact at 55 dtca; more irregular lower contact at 10 dtca; 1%	36.10	38.00	798307	1.178	felsic	
			38.00	39.80	798308	0.302	felsic	

		Description	Assay - Sample				
			From	To	Sam...	Au (g / t)	Description
39.80	43.70	fine py dissem and in quartz threads Quartz/Carbonate very light grey to light greenish grey carbonate; moderately silicified; weak internal banding at 45 dtca xcut by 0.5-2mm quartz threads/stringers; trace py dissem; up to 1% in meter before lower contact where more silicified	39.80	40.90	798309	0.055	carb zone
			40.90	42.40	798310	0.024	carb zone
			42.40	43.70	798311	0.048	carb zone + py
43.70	44.60	Felsic Volcanics grey buff to buff sericitic fine grained felsic volcanic; weak internal fabric 40-45 dtca; 1% fine py dissem and along irregular carbonate threads; shar contacts at 27/40 dtca	43.70	44.70	798312	0.043	felsic
44.60	50.70	Quartz/Carbonate light grey to med grey moderately silicified carbonate (ankerite) zone; white carb rims around irregular light grey quartz infill; 5% white bull quartz vlts up to 7cm wide at 30-55 dtca; trace py mineralization associated with dark grey silicified patches 45.7-46.7 30% white quartz vlts (30-35 dtca) and infill; barren looking 49.4-50.7 5% distinct white 1cm quartz vlts at 47-55 dtca; med grey silicified carb zone; weak brecciated looking	44.70	45.70	798313	0.038	carb zone
			45.70	46.70	798314	0.095	qtz vlts
			46.70	48.00	798315	0.064	carb zone + py
			48.00	49.40	798316	0.043	carb zone
			49.40	50.70	798318	0.202	qtz vlts
50.70	52.00	Felsic Volcanics medium grey to buff grey carbonate/sericite altered felsic unit; weak fabric 40 dtca; 0.5% py assoc with 3% carbonate veinlets along fabric	50.70	52.00	798319	5.140	felsic
52.00	54.00	Quartz/Carbonate light grey silicified carbonate; med grey and more silicified over 30cm at both contact with up to 2% fine py threads	52.00	54.00	798320	0.236	carb zone
54.00	56.80	Felsic Volcanics med grey to buff grey; weak sericite alteration; moderate alteration over 30cm at contact; weak py minz 55.6-56.0 weak brecciated carb vein; contacts at 17/40 dtca	54.00	55.60	798321	0.122	felsic
			55.60	56.80	798322	0.020	felsic
56.80	59.80	Quartz/Carbonate light greyish white to medium grey; mottled texture; weak to moderately silicified; 1-2% irregular wispy bands of fine py disseminations	56.80	58.30	798323	0.024	carb zone + py
			58.30	59.80	798324	0.017	carb zone
59.80	62.40	Felsic Volcanics; Sericitic moderate buff to greyish buff moderately sericitized felsic unit; lower contact truncates shallow quartz veins of carbonate unit below (poss. Felsic intrusive? Or fine faulted contacts?) 61.3-62.0 medium grey carb band with <1% irreg py bands	59.80	61.30	798325	0.014	felsic
			61.30	62.40	798326	0.053	carb zone
62.40	65.70	Quartz/Carbonate light greyish white to medium grey; mottled texture; weak to moderately silicified; 1-2% irregular wispy bands of fine py disseminations; local weak internal banding at 55 dtca xcut by 0.5-1cm white quartz veinlets at 10 dtca (barren vlts)	62.40	63.90	798327	0.098	carb zone
			63.90	65.50	798328	0.054	carb zone + py
			65.50	66.50	798329	0.016	carb zone
65.70	66.50	Felsic Volcanics; Sericitic moderate					

Description		Assay - Sample					
		From	To	Sam...	Au (g / t)	Description	
66.50	75.00	light buff sericitic band of felsics; trace patches of disseminated py	66.50	67.70	798330	0.065	carb zone
		Quartz/Carbonate	67.70	69.00	798331	0.019	carb zone
		creamy white finely laminated silicified zones with med to dark banded zones with up to 1! 2mm-10mm threads/bands of dissem py; moderately silicified; 1% xcutting quartz vlt (<1cm) at 10-32 dtca and barren looking 66.5-70.5 light to med grey with py threads/bands 70.5-72.1 creamy white laminated silicified carbonate; banding at 30 dtca; barren 72.1-75 medium grey moderately silicified with steeper laminations at 55 dtca; still 1% shallow quartz str; 2-3% bands/threads of dissem py generally parallel banding	69.00	70.50	798332	0.009	carb zone
			70.50	72.10	798333	<0.005	laminated carb
			72.10	73.50	798335	0.076	carb weak py
			73.50	75.00	798336	0.016	carb weak py
75.00	76.70	Felsic Volcanics	75.00	76.70	798337	0.042	felsic
		medium grey uniform felsic; 10-15 cm buff sericite altered contact zones; 1% finely dissem py throughout					
76.70	77.80	Quartz/Carbonate	76.70	77.80	798338	0.126	carb zone + py
		medium grey moderate to strongly silicified; light to med grey banding at 50dtca; 15% carbonate; 5-8% discontinuous bands of disseminated py that often xcut the banding;					
77.80	80.10	Felsic Volcanics	77.80	79.00	798339	0.035	felsic
		medium buff grey weakly sericitic uniform felsic; 20-40 cm buff sericite altered contact zones; 1% finely dissem py throughout; weak fabric 40-45 dtca	79.00	80.10	798340	0.069	felsic
80.10	86.70	Quartz/Carbonate	80.10	81.20	798341	<0.005	carb zone
		creamy white to pale green (calcite) to med grey strongly silicified carbonate zone; silicification increase down hole as well as py mineralization; internal banding at 40-50 dtca xcut by white quartz str (15mm) at both 60 deg and 30 dtca; minor offsets of banding along hairline slips at <10 dtca; irregular contact at 30 dtca 88.1-83.9 lighter more carbonate zone; 3-8% bands of dissem py generally parallel banding 83.9-86.7 medium grey strongly silicified zone; more 'disrupted' or weakly brecciated looking; 10-15% irregular bands/seams of py to semi-massive (iron formation?); non magnetic	81.20	82.50	798342	0.028	carb zone + py
			82.50	83.90	798343	0.132	carb zone + py
			83.90	85.40	798344	0.529	heavy py
			85.40	86.70	798345	0.249	heavy py
86.70	87.90	Felsic Volcanics	86.70	87.90	798346	0.089	felsic
		pale yellow buff; fine grained; moderate pervasive sericite alteration; weak fabric 40-45 dtca; 1-3 % planar carbonate/<py str; 1-2% fine py dissem throughout up to 2mm dissem grains					
87.90	90.20	Quartz/Carbonate	87.90	89.10	798347	0.060	carb zone + py
		med grey moderately silicified; weak brecciated looking; up to 1% py as patches an irregular threads	89.10	90.20	798348	0.026	carb zone
90.20	94.70	Felsic Volcanics	90.20	91.50	798349	0.077	felsic
		med grey with weak sericite alteration; 10-15cm sericitic alteration at contacts; hairline chloritic slips at 20 dtca; 1% fine py dissem 92.6-94.7 slightly different	91.50	92.60	798351	0.202	
			92.60	94.70	798352	0.069	

Description		Assay - Sample					
		From	To	Sam...	Au (g / t)	Description	
94.70	98.80	texture; possible altered ultramafic? Quartz/Carbonate creamy white to pale green (calcite); to light grey; moderate to strong silicification; 0.5% as diffuse dark grey py disseminations and as irregular threads along the core.	94.70	95.80	798353	0.027	carb zone
			95.80	97.10	798354	0.045	
			97.10	98.50	798355	0.009	
98.80	105.00	Felsic Volcanics; Sericitic moderate buff grey to yellow buff; weak to moderate sericite alteration; slightly different texture again possibly an ultramafic/ ultramafic tuff?; weak fabric at 30-40 dtca; 1-2% py disseminations throughout and up to 1mm cubic grains;	98.50	100.10	798356	1.109	
			100.10	101.70	798357	0.077	
			101.70	103.40	798358	0.010	
105.00	110.30	Felsic Volcanics med grey; 1-3% chloritic looking clots; weak pervasive calcite; possibly ultramafic?; very weak fabric 25-35 dtca; dark greenish black quartz/chlorite/calcite/trace tourmaline 1mm str at 55 dtca xcutting the fabric; gradational lower contact; 0.5% py disseminations 105.0-106.4 weakly silicified with quartz/chlorite stringer; tr py disseminations; still with minor calcite	103.40	105.00	798359	0.062	
			105.00	106.40	798360	0.076	
			106.40	107.90	798361	0.016	
110.30	118.50	Felsic Volcanics med grey with 1% irregular chloritic clots along very weak fabric at 25-30 dtca; weak pervasive calcite; <1% irregular calcite threads; 115.1 m apparent alteration contact at 22dtca xcutting fabric 115.3-115.5m calcite/<quartz veinlet zone/shear zone with up to 15% host frags/bands parallel vein contact at 25 dtca; up to 1% py disseminations 116.3-117.1 carbonate veinlets at 30 dtca with offsets/truncated by slips and quartz/carb vlt at 10 dtca; minor coarse py grains; shear zone?	107.90	109.20	798362	<0.005	20% vlt
			109.20	111.20	798363	0.067	
			111.20	113.20	798364	0.011	
118.50	122.50	Felsic Volcanics; Sericitic moderate; Fuchsite med grey with 1% irregular chloritic clots along very weak fabric at 25-30 dtca; weak pervasive calcite; <1% irregular calcite threads; 115.1 m apparent alteration contact at 22dtca xcutting fabric 115.3-115.5m calcite/<quartz veinlet zone/shear zone with up to 15% host frags/bands parallel vein contact at 25 dtca; up to 1% py disseminations 116.3-117.1 carbonate veinlets at 30 dtca with offsets/truncated by slips and quartz/carb vlt at 10 dtca; minor coarse py grains; shear zone?	113.20	115.10	798365	<0.005	vlt
			115.10	116.20	798366	0.081	
			116.20	117.30	798368	0.295	
122.50	127.60	Felsic Volcanics yellow buff to emerald green with sericite and fuchsite alteration; weak to moderate fabric/banding at 25-30 dtca; 1mm chloritic slips/fault upper contact; 30 degree alteration at lower contact xcutting fabric and with minor offsets by shallow 10 degree calcite stringer 118.5-120.0 buff grey to yellow buff with sericite alteration; minor fuchsite fragments/clots along fabric; trace py 120.0-121.4 pervasive emerald green fuchsite alteration; trace py 121.4-122.4 yellowish grey with sericite alteration and minor fuchsite patches; barren looking	117.30	118.50	798369	<0.005	sericite
			118.50	120.00	798370	<0.005	
			120.00	121.40	798371	<0.005	
122.50	127.60	Felsic Volcanics yellow buff to emerald green with sericite and fuchsite alteration; weak to moderate fabric/banding at 25-30 dtca; 1mm chloritic slips/fault upper contact; 30 degree alteration at lower contact xcutting fabric and with minor offsets by shallow 10 degree calcite stringer 118.5-120.0 buff grey to yellow buff with sericite alteration; minor fuchsite fragments/clots along fabric; trace py 120.0-121.4 pervasive emerald green fuchsite alteration; trace py 121.4-122.4 yellowish grey with sericite alteration and minor fuchsite patches; barren looking	121.40	122.40	798372	<0.005	fuchsite
			122.40	123.30	798373	<0.005	
			123.30	124.40	798374	0.024	
122.50	127.60	Felsic Volcanics medium grey; fine grained; weak fabric 25-30 dtca; weak pervasive calcite; weak sericite alteration and minor chlorite; looking; irregular alteration contact; 123.3-124.0 calcite/<quartz veinlet zone with host fragments parallel contacts; shallow 10-15 degree veinlets with offsets/truncations by fabric parallel slips; contacts at 25/32 dtca; <1% py disseminations	124.40	126.00	798375	0.005	vlt
			126.00	127.60	798376	<0.005	

Description		Assay - Sample					
		From	To	Sam...	Au (g / t)	Description	
127.60	132.20	Felsic Volcanics; Sericitic moderate; Fuchsite yellowish grey to pervasive yellowish buff with pervasive sericite alteration; 2-5% emerald green fuchsite clots/fragments; clastic looking with pale grey siliceous fragments and some buff sericitic fragments along 25-30 degree fabric;	127.60	129.00	798377	0.012	seri/fuch
			129.00	130.50	798378	<0.005	seri/<fuch
			130.50	132.20	798379	<0.005	seri/<fuch
132.20	138.20	Felsic Volcanics; Sericitic weak grey to buff grey where sericitic; 1-2% ankeritic vlt at 15-20 dtca up to 5mm thick sub-parallel along weak fabric at 25-30 dtca; calcitic patches; weak shear zone at lower contact at 10 dtca with increased sericite alteration; 0.5-1% fine py dissemin in patches 133.8-134.3 narrow band of increase sericite/weak fuchsite alteration with carb/chlorite vlt at 15-20 dtca 137.0-138.2 weak shear zone at 10-15 dtca;	132.20	133.50	798380	0.006	
			133.50	134.70	798381	0.007	sericite
			134.70	135.80	798382	0.006	
			135.80	137.00	798383		not received by lab
			137.00	138.20	798385	0.006	shallow shr
138.20	140.00	Felsic Volcanics slightly coarser; mod silicified; steeper hairline calcite threads at 60-65 dtca; almost intrusive looking but with gradational contacts	138.20	139.70	798386	0.029	
			139.70	141.00	798387	0.018	
140.00	146.00	Felsic Volcanics; Sericitic moderate weak to moderate sericite alteration primarily adjacent to quartz/carbonate vlt at 25 dtca and shallower; up to 1% fine p in patches; 142.3-143.5 1-2% py dissemin associated with increased alteration and carbonate/<quartz str at 25 dtca 144.7-146 mod sericite alteration; 5cm quartz vein at 25 dtca with irregular 2-5mm quartz/carb str along the core; up to 1% slightly coarser py dissemin	141.00	142.30	798388	0.010	
			142.30	143.50	798389	0.599	
			143.50	144.70	798390	0.599	
			144.70	146.00	798391	0.631	5cm qtz vlt + sericite
146.00	163.50	Felsic Volcanics medium grey; weak sericite/chlorite seen on fracture planes; pervasive weak calcite; 0.5% py 155.0-158.8 slight increase in sericite along the core adjacent to calcite stringers at <10 dtca with py dissemin 158.8-163.5 more massive; greyer; harder; 1% steeper calcite threads at 60 dtca; tr py	146.00	148.00	798392	0.018	
			148.00	150.00	798393	0.012	
			150.00	152.00	798394	0.012	
			152.00	153.50	798395	0.006	
			153.50	155.00	798396	0.014	
			155.00	157.00	798397	0.029	
			157.00	158.80	798398	0.016	
			158.80	160.40	798399	0.008	
			160.40	162.00	798401	0.011	
			162.00	163.50	798402	0.031	
163.50	171.00	Felsic Volcanics; Sericitic moderate light buff grey to buff; weak to moderated sericite alteration of felsic unit; increase in number of dark blackish green chlorite/calcite/<quartz threads at 65 dtca ; indistinct contacts 165.0-168.2 more pervasive fabric at 30-35 dtca; minor calcite stringers at 35-40 dtca; up to 1% py dissemin to 1mm cubed grains 168.2-171.0 more massive but increase in the chloritic/calcite threads at 65	163.50	165.50	798403	0.014	
			165.50	167.00	798404	0.017	
			167.00	169.00	798405	0.006	
			169.00	171.00	798406	0.018	

Description		Assay - Sample				
		From	To	Sam...	Au (g / t)	Description
171.00	180.00	dtca; 3-20cm spacing along core; rare 3mm quartz stringer at 15 dtca; 0.5%dissem py Felsic Volcanics medium grey to weak buff grey; weak sericite/chlorite alteration; pervasive weak calcite; chloritic slips at 65 dtca; weak fabric with minor calcite threads at 23-30 dtca xcut by hairline slips/carbonate threads at <10 dtca; trace cubic py along some chloritic planes EOH				
		171.00	173.00	798407	0.006	
		173.00	175.00	798408	0.018	
		175.00	177.00	798409	0.051	
		177.00	178.50	798410	0.020	
		178.50	180.00	798411	0.018	

Assay - QAQC

Sample number	Type	Reference	Duplicate type	Au Final (g/t)
798284	(Std)	7E		7.303
798300	(Dbl)	798299	1/4 split	0.972
798317	(Blk)	BLK3		0.000
798334	(Std)	2K low		2.001
798350	(Dbl)	798349	1/4 split	0.072
798367	(Blk)	BLK3		0.000
798384	(Std)	7E		7.766
798400	(Dbl)	798399	1/4 split	0.014

APPENDIX III

Assay Certificates



Certificate of Analysis

Work Order : RL1800841

[Report File No.: 000027139]

To: **WEST RED LAKE GOLD MINES INC**
82 RICHMOND ST EAST
SUITE 200
TORONTO ON M5C 1P1

Date: Mar 31, 2018

P.O. No. : West Red Lake Gold Mines Inc-Rowan Lake
Project No. : -
No. Of Samples : 101
Date Submitted : Mar 20, 2018
Report Comprises : Pages 1 to 4
(Inclusive of Cover Sheet)

Certified By : _____

Susan Isaac
Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Report File No.: 0000027139

Element Method Det.Lim. Units	Au@ GE_FAA515 0.005 g/t	Au@ GE_FAA515 5 ppb	WtKg G_WGH79 0.01 kg
	9551	1.220	1220	4.58
9552	0.967	967	2.48
9553	0.868	868	3.29
9554	0.245	245	3.25
9555	0.075	75	3.44
9556	0.503	503	4.06
9557	0.285	285	3.29
9558	0.043	43	4.41
9559	0.024	24	3.44
9560	0.022	22	3.30
9561	0.007	7	4.14
9562	0.008	8	3.75
9563	0.006	6	4.44
9564	0.013	13	4.41
9565	0.006	6	4.54
9566	0.029	29	3.44
9567	0.074	74	3.69
9568	0.017	17	2.51
9569	0.031	31	2.06
9570	<0.005	<5	2.49
9571	0.033	33	3.34
9572	0.026	26	3.25
9573	0.025	25	4.25
9574	0.056	56	4.70
9575	0.197	197	5.89
9576	<0.005	<5	3.49
9577	<0.005	<5	3.43
9578	0.006	6	4.55
9579	<0.005	<5	4.90
9580	0.008	8	3.28
9581	0.036	36	4.47
9582	<0.005	<5	4.46
9583	<0.005	<5	4.60
9584	0.006	6	4.75
9585	<0.005	<5	4.66
9586	0.027	27	4.18
9587	0.009	9	5.13
9588	0.007	7	4.58
9589	<0.005	<5	4.56
9590	<0.005	<5	3.33

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Report File No.: 0000027139

Element Method Det.Lim. Units	Au@ GE_FAA515 0.005 g/t	Au@ GE_FAA515 5 ppb	WtKg G_WGH79 0.01 kg
	9591	0.061	61	3.34
9592	0.008	8	4.56
9593	0.011	11	4.59
9594	0.009	9	4.72
9595	0.005	5	4.44
9596	0.049	49	4.94
9597	0.020	20	4.44
9598	0.016	16	4.11
9599	0.021	21	4.31
9600	0.006	6	0.52
9601	0.078	78	4.38
9602	0.069	69	3.40
9603	0.033	33	4.22
9604	<0.005	<5	4.56
9605	<0.005	<5	4.48
9606	<0.005	<5	4.43
9607	<0.005	<5	4.54
9608	<0.005	<5	4.81
9609	<0.005	<5	4.84
9610	<0.005	<5	4.73
9611	<0.005	<5	4.57
9612	0.029	29	4.68
9613	<0.005	<5	4.77
9614	0.010	10	4.47
9615	0.007	7	4.74
9616	<0.005	<5	4.46
9617	8.510	8510	0.07
9618	0.072	72	4.83
9619	<0.005	<5	4.72
9620	<0.005	<5	4.48
9621	<0.005	<5	4.27
9622	<0.005	<5	4.14
9623	0.072	72	4.28
9624	<0.005	<5	4.32
9625	<0.005	<5	4.36
9626	<0.005	<5	4.59
9627	<0.005	<5	4.20
9628	<0.005	<5	4.57
9629	<0.005	<5	4.62
9630	0.007	7	4.36

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Report File No.: 0000027139

Element Method Det.Lim. Units	Au@	Au@	WtKg
	GE_FAA515	GE_FAA515	G_WGH79
	0.005	5	0.01
	g/t	ppb	kg
9631	0.014	14	4.37
9632	0.012	12	3.00
9633	0.037	37	2.91
9634	0.017	17	0.34
9635	0.027	27	2.33
9636	0.033	33	4.66
9637	0.026	26	4.43
9638	0.033	33	4.22
9639	0.032	32	4.14
9640	0.077	77	4.73
9641	0.031	31	4.56
9642	0.045	45	3.39
9643	0.028	28	3.48
9644	0.035	35	4.31
9645	0.013	13	3.55
9646	0.010	10	4.35
9647	0.020	20	4.61
9648	0.274	274	3.56
9649	0.049	49	4.44
9650	<0.005	<5	0.09
9651	2.021	2021	4.91
*Dup 9585	<0.005	<5	--
*Dup 9620	<0.005	<5	--
*Rep 9571	0.031	31	
*Rep 9610	<0.005	<5	
*Rep 9629	0.014	14	

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Certificate of Analysis

Work Order : RL1800878

[Report File No.: 000027225]

To: **WEST RED LAKE GOLD MINES INC**
82 RICHMOND ST EAST
SUITE 200
TORONTO ON M5C 1P1

Date: Apr 05, 2018

P.O. No. : West Red Lake Gold Mines Inc-Rowan Lake
Project No. : -
No. Of Samples : 87
Date Submitted : Mar 23, 2018
Report Comprises : Pages 1 to 4
(Inclusive of Cover Sheet)

Certified By : _____

Susan Isaac
Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Final : RL1800878 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000027225

Element Method Det.Lim. Units	Au@ GE_FAA515 0.005 g/t	Au@ GE_FAA515 5 ppb	WtKg G_WGH79 0.01 kg
	9652	0.020	20	4.28
9653	<0.005	<5	4.64
9654	0.006	6	4.49
9655	<0.005	<5	4.85
9656	<0.005	<5	4.42
9657	<0.005	<5	4.65
9658	0.010	10	4.54
9659	0.005	5	4.52
9660	0.094	94	3.27
9661	0.007	7	4.63
9662	<0.005	<5	2.27
9663	<0.005	<5	4.23
9664	0.049	49	4.42
9665	<0.005	<5	4.57
9666	<0.005	<5	3.31
9667	<0.005	<5	0.37
9668	<0.005	<5	3.58
9669	0.013	13	3.67
9670	<0.005	<5	3.49
9671	0.060	60	4.98
9672	<0.005	<5	4.68
9673	<0.005	<5	4.68
9674	<0.005	<5	4.81
9675	<0.005	<5	4.03
9676	0.047	47	4.43
9677	<0.005	<5	4.66
9678	<0.005	<5	4.72
9679	0.006	6	4.02
9680	0.009	9	4.09
9681	0.006	6	3.41
9682	<0.005	<5	4.86
9683	<0.005	<5	4.92
9684	7.522	7522	0.06
9685	<0.005	<5	5.07
9686	<0.005	<5	5.18
9687	<0.005	<5	4.61
9688	<0.005	<5	4.46
9689	0.109	109	4.64
9690	0.022	22	4.35
9691	0.117	117	4.56

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Final : RL1800878 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000027225

Element Method Det.Lim. Units	Au@ GE_FAA515 0.005 g/t	Au@ GE_FAA515 5 ppb	WtKg G_WGH79 0.01 kg
9692	0.031	31	4.64
9693	<0.005	<5	4.63
9694	0.015	15	3.52
9695	0.020	20	4.88
9696	0.009	9	4.87
9697	0.021	21	3.59
9698	0.008	8	4.57
9699	0.015	15	5.15
9700	<0.005	<5	0.54
9701	0.017	17	4.97
9702	0.012	12	4.49
9703	0.036	36	4.93
9704	0.018	18	4.46
9705	0.037	37	5.18
9706	0.016	16	3.44
9707	0.056	56	3.59
9708	0.048	48	4.75
9709	0.035	35	3.60
9710	0.009	9	2.96
9711	0.076	76	4.41
9712	0.018	18	4.18
9713	0.147	147	4.84
9714	0.023	23	4.75
9715	0.012	12	5.12
9716	0.048	48	2.74
9717	1.932	1932	0.06
9718	0.007	7	3.32
9719	0.008	8	3.50
9720	0.036	36	4.53
9721	0.012	12	4.38
9722	<0.005	<5	3.63
9723	0.077	77	3.49
9724	<0.005	<5	4.57
9725	<0.005	<5	5.00
9726	0.005	5	4.11
9727	<0.005	<5	4.14
9728	<0.005	<5	4.57
9729	0.015	15	4.35
9730	0.009	9	4.71
9731	0.012	12	4.70

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Final : RL1800878 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000027225

Element Method Det.Lim. Units	Au@ GE_FAA515 0.005 g/t	Au@ GE_FAA515 5 ppb	WtKg G_WGH79 0.01 kg
9732	<0.005	<5	4.46
9733	0.029	29	3.45
9734	<0.005	<5	0.46
9735	<0.005	<5	4.71
9736	<0.005	<5	4.21
9737	0.024	24	2.61
9738	0.026	26	4.52
*Dup 9686	<0.005	<5	--
*Dup 9721	0.020	20	--
*Rep 9689	0.118	118	
*Rep 9710	0.007	7	
*Rep 9731	<0.005	<5	

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Certificate of Analysis

Work Order : RL1801364

[Report File No.: 000027949]

To: **WEST RED LAKE GOLD MINES INC**
82 RICHMOND ST EAST
SUITE 200
TORONTO ON M5C 1P1

Date: May 16, 2018

P.O. No. : West Red Lake Gold Mines Inc-Rowan Lake
Project No. : -
No. Of Samples : 47
Date Submitted : May 08, 2018
Report Comprises : Pages 1 to 3
(Inclusive of Cover Sheet)

Certified By : _____

Susan Isaac
Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Final : RL1801364 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000027949

Element Method Det.Lim. Units	Au@ GE_FAA515 0.005 g/t	Au@ GE_FAA515 5 ppb	WtKg G_WGH79 0.01 kg
9931	0.180	180	3.28
9932	0.027	27	3.37
9933	0.089	89	1.86
9934	0.070	70	2.14
9935	0.087	87	6.24
9936	0.013	13	3.35
9937	0.015	15	4.47
9938	0.010	10	3.37
9939	0.008	8	3.50
9940	0.028	28	3.54
9941	0.011	11	3.54
9942	0.016	16	3.59
9943	0.028	28	3.62
9944	0.011	11	4.51
9945	0.009	9	3.26
9946	0.556	556	3.47
9947	0.016	16	3.77
9948	0.013	13	3.40
9949	0.012	12	3.44
9950	7.627	7627	0.04
9951	0.007	7	3.22
9952	0.009	9	3.37
9953	0.015	15	3.32
9954	0.015	15	3.60
9955	0.006	6	3.36
9956	0.028	28	3.69
9957	0.028	28	3.72
9958	0.018	18	3.47
9959	0.021	21	3.60
9960	0.043	43	3.40
9961	0.042	42	3.61
9962	0.019	19	3.69
9963	0.051	51	3.75
9964	0.020	20	3.90
9965	0.016	16	3.58
9966	0.018	18	3.56
9967	0.009	9	0.36
9968	0.032	32	3.41
9969	0.029	29	3.38
9970	0.030	30	3.45

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Final : RL1801364 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000027949

Element Method Det.Lim. Units	Au@ GE_FAA515 0.005 g/t	Au@ GE_FAA515 5 ppb	WtKg G_WGH79 0.01 kg
9971	0.017	17	3.24
9972	0.017	17	3.42
9973	0.110	110	3.39
9974	0.035	35	3.47
9975	0.252	252	3.46
9976	0.033	33	3.17
9977	0.530	530	3.38
*Dup 9965	0.032	32	--
*Rep 9949	0.013	13	
*Rep 9965	0.015	15	

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Certificate of Analysis

Work Order : RL1802808

[Report File No.: 000030032]

To: **WEST RED LAKE GOLD MINES INC**
82 RICHMOND ST EAST
SUITE 200
TORONTO ON M5C 1P1

Date: Nov 28, 2018

P.O. No. : West Red Lake Gold Mines Inc-Rowan Lake
Project No. : -
No. Of Samples : 144
Date Submitted : Nov 20, 2018
Report Comprises : Pages 1 to 5
(Inclusive of Cover Sheet)

Certified By : _____

Susan Isaac
Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Final : RL1802808 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000030032

Element Method Det.Lim. Units	WtKg	Au@	Au@	Au	Au
	G_WGH79	GE_FAA515	GE_FAA515	GO_FAG505	GO_FAG505
	0.01	0.005	5	1	1,000
	kg	g/t	ppb	g/t	ppb
796528	4.50	0.146	146	--	--
796529	4.55	0.010	10	--	--
796530	4.72	0.010	10	--	--
796531	4.32	0.011	11	--	--
796532	4.76	<0.005	<5	--	--
796533	3.27	0.014	14	--	--
796534	4.82	<0.005	<5	--	--
796535	4.37	0.016	16	--	--
796536	4.85	<0.005	<5	--	--
796537	3.20	0.014	14	--	--
796538	3.91	0.152	152	--	--
796539	5.18	0.007	7	--	--
796540	3.63	0.033	33	--	--
796541	3.81	0.091	91	--	--
796542	1.97	0.074	74	--	--
796543	2.85	0.011	11	--	--
796544	4.55	<0.005	<5	--	--
796545	3.32	0.015	15	--	--
796546	4.19	0.344	344	--	--
796547	4.98	0.137	137	--	--
796548	6.09	0.023	23	--	--
796549	4.46	0.015	15	--	--
796550	0.07	1.964	1964	--	--
796551	4.49	0.036	36	--	--
796552	2.51	0.019	19	--	--
796553	7.24	0.064	64	--	--
796554	4.80	0.006	6	--	--
796555	5.39	0.030	30	--	--
796556	5.33	0.022	22	--	--
796557	5.12	0.042	42	--	--
796558	5.47	1.699	1699	--	--
796559	5.64	0.031	31	--	--
796560	2.41	0.022	22	--	--
796561	2.75	1.804	1804	--	--
796562	3.53	0.026	26	--	--
796563	3.83	0.032	32	--	--
796564	5.31	0.008	8	--	--
796565	5.68	0.034	34	--	--
796566	3.53	0.220	220	--	--
796567	0.33	<0.005	<5	--	--

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Report File No.: 0000030032

Element Method Det.Lim. Units	WtKg	Au@	Au@	Au	Au
	G_WGH79	GE_FAA515	GE_FAA515	GO_FAG505	GO_FAG505
	0.01	0.005	5	1	1,000
	kg	g/t	ppb	g/t	ppb
796568	2.44	0.115	115	--	--
796569	2.81	0.115	115	--	--
796570	4.50	0.628	628	--	--
796571	4.51	>10.000	>10000	13.81	13812
796572	3.62	0.371	371	--	--
796573	3.54	0.020	20	--	--
796574	4.78	0.009	9	--	--
796575	4.62	0.014	14	--	--
796576	4.78	0.008	8	--	--
796577	2.55	0.011	11	--	--
796578	4.83	0.195	195	--	--
796579	5.00	0.022	22	--	--
796580	4.57	0.575	575	--	--
796581	5.08	0.105	105	--	--
796582	4.92	0.299	299	--	--
796583	4.94	0.028	28	--	--
796584	0.07	6.258	6258	--	--
796585	5.20	0.010	10	--	--
796586	5.02	<0.005	<5	--	--
796587	5.68	<0.005	<5	--	--
796588	4.91	<0.005	<5	--	--
796589	4.87	0.019	19	--	--
796590	5.02	0.104	104	--	--
796591	3.02	<0.005	<5	--	--
796592	5.28	0.037	37	--	--
796593	4.64	0.009	9	--	--
796594	4.84	0.008	8	--	--
796595	4.65	0.033	33	--	--
796596	4.81	0.028	28	--	--
796597	4.80	0.016	16	--	--
796598	4.24	0.086	86	--	--
796599	4.93	0.034	34	--	--
796600	2.10	0.059	59	--	--
796601	2.44	0.099	99	--	--
796602	4.88	0.100	100	--	--
796603	4.80	0.219	219	--	--
796604	4.97	0.032	32	--	--
796605	5.04	0.017	17	--	--
796606	4.90	<0.005	<5	--	--
796607	2.52	0.782	782	--	--

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Final : RL1802808 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000030032

Element Method Det.Lim. Units	WtKg	Au@	Au@	Au	Au
	G_WGH79	GE_FAA515	GE_FAA515	GO_FAG505	GO_FAG505
	0.01	0.005	5	1	1,000
	kg	g/t	ppb	g/t	ppb
796608	4.72	0.052	52	--	--
796609	5.15	0.218	218	--	--
796610	3.92	0.842	842	--	--
796611	4.68	0.029	29	--	--
796612	5.57	0.024	24	--	--
796613	4.46	0.365	365	--	--
796614	4.02	0.876	876	--	--
796615	5.33	0.054	54	--	--
796616	4.26	0.018	18	--	--
796617	0.55	<0.005	<5	--	--
796618	3.57	0.129	129	--	--
796619	4.42	0.268	268	--	--
796620	5.05	0.021	21	--	--
796621	3.07	0.012	12	--	--
796622	5.90	0.221	221	--	--
796623	3.89	1.213	1213	--	--
796624	4.45	0.802	802	--	--
796625	4.03	3.192	3192	--	--
796626	2.07	0.370	370	--	--
796627	3.08	0.809	809	--	--
796628	3.23	0.066	66	--	--
796629	3.46	0.036	36	--	--
796630	3.88	1.136	1136	--	--
796631	4.98	0.066	66	--	--
796632	4.85	0.049	49	--	--
796633	4.92	0.015	15	--	--
796634	1.98	0.044	44	--	--
796635	4.68	0.172	172	--	--
796636	5.05	0.043	43	--	--
796637	5.25	0.064	64	--	--
796638	4.44	<0.005	<5	--	--
796639	3.63	<0.005	<5	--	--
796640	3.35	0.006	6	--	--
796641	3.97	0.366	366	--	--
796642	3.10	0.601	601	--	--
796643	5.34	0.078	78	--	--
796644	4.79	0.058	58	--	--
796645	5.23	0.035	35	--	--
796646	5.04	0.016	16	--	--
796647	4.66	0.007	7	--	--

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Report File No.: 0000030032

Element Method Det.Lim. Units	WtKg	Au@	Au@	Au	Au
	G_WGH79	GE_FAA515	GE_FAA515	GO_FAG505	GO_FAG505
	0.01	0.005	5	1	1,000
	kg	g/t	ppb	g/t	ppb
796648	3.82	0.006	6	--	--
796649	3.16	0.020	20	--	--
796650	0.07	1.721	1721	--	--
796651	3.79	0.122	122	--	--
796652	4.91	0.089	89	--	--
796653	5.14	0.012	12	--	--
796654	5.29	0.010	10	--	--
796655	4.81	0.006	6	--	--
796656	4.13	2.670	2670	--	--
796657	4.94	0.329	329	--	--
796658	5.03	0.054	54	--	--
796659	5.18	0.094	94	--	--
796660	4.85	0.014	14	--	--
796661	6.20	0.061	61	--	--
796662	4.62	0.199	199	--	--
796663	2.81	0.098	98	--	--
796664	4.55	0.205	205	--	--
796665	3.03	0.436	436	--	--
796666	4.47	0.042	42	--	--
796667	0.79	<0.005	<5	--	--
796668	5.49	0.022	22	--	--
796669	4.99	0.182	182	--	--
796670	3.72	0.024	24	--	--
796671	4.16	0.142	142	--	--
*Dup 796562	N.A.	0.024	24	--	--
*Dup 796597	N.A.	0.008	8	--	--
*Dup 796632	N.A.	0.038	38	--	--
*Dup 796667	N.A.	<0.005	<5	--	--
*Rep 796545		0.014	14		
*Rep 796574		0.013	13		
*Rep 796614		0.701	701		
*Rep 796667		<0.005	<5		

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Certificate of Analysis

Work Order : RL1802817

[Report File No.: 000030046]

To: **WEST RED LAKE GOLD MINES INC**
82 RICHMOND ST EAST
SUITE 200
TORONTO ON M5C 1P1

Date: Nov 30, 2018

P.O. No. : West Red Lake Gold Mines Inc-Rowan Lake
Project No. : -
No. Of Samples : 74
Date Submitted : Nov 26, 2018
Report Comprises : Pages 1 to 3
(Inclusive of Cover Sheet)

Certified By : _____

Susan Isaac
Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Final : RL1802817 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000030046

Element Method Det.Lim. Units	WtKg	Au@	Au@
	G_WGH79	GE_FAA515	GE_FAA515
	0.01	0.005	5
	kg	g/t	ppb
796672	2.84	<0.005	<5
796673	4.98	0.019	19
796674	5.34	0.104	104
796675	5.06	0.014	14
796676	4.15	0.005	5
796677	4.94	0.217	217
796678	5.36	0.005	5
796679	5.41	0.006	6
796680	3.49	0.021	21
796681	4.83	0.329	329
796682	5.19	0.027	27
796683	5.38	0.077	77
796684	0.07	7.689	7689
796685	4.99	0.008	8
796686	5.53	0.033	33
796687	5.02	0.413	413
796688	5.25	0.049	49
796689	5.05	0.047	47
796690	5.88	0.088	88
796691	3.17	0.144	144
796692	3.54	0.117	117
796693	5.86	0.616	616
796694	4.89	0.147	147
796695	3.69	0.048	48
796696	3.67	0.177	177
796697	4.43	0.030	30
796698	6.38	0.150	150
796699	6.48	0.038	38
796700	2.57	0.052	52
796701	5.15	0.085	85
796702	3.05	0.204	204
796703	4.30	0.154	154
796704	3.97	0.028	28
796705	4.86	1.442	1442
796706	4.07	0.037	37
796707	5.03	0.046	46
796708	4.64	0.475	475
796709	5.28	0.357	357
796710	5.28	0.125	125
796711	4.71	0.012	12

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Final : RL1802817 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000030046

Element Method Det.Lim. Units	WtKg	Au@	Au@
	G_WGH79	GE_FAA515	GE_FAA515
	0.01	0.005	5
	kg	g/t	ppb
796712	5.36	0.054	54
796713	5.23	0.073	73
796714	7.57	0.070	70
796715	2.42	0.109	109
796716	2.73	<0.005	<5
796717	0.60	<0.005	<5
796718	6.52	0.061	61
796719	5.17	0.033	33
796720	4.40	0.026	26
796721	4.09	0.200	200
796722	3.82	0.026	26
796723	5.24	0.023	23
796724	4.78	0.102	102
796725	7.31	0.016	16
796726	4.10	0.005	5
796727	3.57	0.167	167
796728	4.34	0.049	49
796729	6.12	0.046	46
796730	4.92	0.035	35
796731	6.35	0.030	30
796732	2.45	0.057	57
796733	3.76	0.130	130
796734	3.66	0.012	12
796735	0.07	1.851	1851
796736	4.74	0.051	51
796737	4.32	0.204	204
796738	4.66	<0.005	<5
796739	5.02	0.024	24
796740	5.24	<0.005	<5
796741	3.70	<0.005	<5
796742	3.02	<0.005	<5
796743	2.71	<0.005	<5
796744	2.99	0.006	6
796745	4.97	0.084	84
*Dup 796706	N.A.	0.047	47
*Dup 796741	N.A.	<0.005	<5
*Rep 796679		<0.005	<5
*Rep 796745		0.085	85

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Certificate of Analysis

Work Order : RL1802818

[Report File No.: 000030048]

To: **WEST RED LAKE GOLD MINES INC**
82 RICHMOND ST EAST
SUITE 200
TORONTO ON M5C 1P1

Date: Dec 03, 2018

P.O. No. : West Red Lake Gold Mines Inc-Rowan Lake
Project No. : -
No. Of Samples : 74
Date Submitted : Nov 26, 2018
Report Comprises : Pages 1 to 3
(Inclusive of Cover Sheet)

Certified By : _____

Susan Isaac
Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Final : RL1802818 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000030048

Element Method Det.Lim. Units	WtKg	Au@	Au@
	G_WGH79	GE_FAA515	GE_FAA515
	0.01	0.005	5
	kg	g/t	ppb
796746	4.50	0.044	44
796747	5.57	0.023	23
796748	2.79	0.028	28
796749	5.47	0.014	14
796750	2.36	0.015	15
796751	4.89	0.006	6
796752	5.23	0.020	20
796753	5.07	<0.005	<5
796754	5.29	0.012	12
796755	3.41	<0.005	<5
796756	4.29	0.040	40
796757	4.90	0.008	8
796758	5.31	0.011	11
796759	5.13	<0.005	<5
796760	4.51	<0.005	<5
796761	4.76	<0.005	<5
796762	4.97	<0.005	<5
796763	4.48	0.006	6
796764	4.59	<0.005	<5
796765	4.79	0.072	72
796766	4.87	0.005	5
796767	0.80	<0.005	<5
796768	4.80	0.011	11
796769	3.08	0.143	143
796770	5.23	0.056	56
796771	5.73	0.012	12
796772	5.58	0.241	241
796773	5.31	0.016	16
796774	5.62	0.186	186
796775	3.65	0.052	52
796776	6.26	<0.005	<5
796777	5.28	0.007	7
796778	4.46	0.177	177
796779	5.69	0.015	15
796780	5.08	0.113	113
796781	5.15	0.091	91
796782	5.23	0.900	900
796783	4.91	0.099	99
796784	0.08	7.217	7217
796785	5.80	0.049	49

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Final : RL1802818 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000030048

Element Method Det.Lim. Units	WtKg	Au@	Au@
	G_WGH79	GE_FAA515	GE_FAA515
	0.01	0.005	5
	kg	g/t	ppb
796786	4.67	0.211	211
796787	3.70	0.096	96
796788	5.77	0.119	119
796789	3.11	0.132	132
796790	4.20	0.442	442
796791	5.31	0.074	74
796792	4.81	0.115	115
796793	6.10	0.055	55
796794	4.26	0.083	83
796795	5.01	0.077	77
796796	4.95	0.265	265
796797	4.58	0.013	13
796798	4.97	1.060	1060
796799	2.97	2.826	2826
796800	1.24	3.233	3233
796801	4.03	0.173	173
796802	5.03	1.378	1378
796803	5.40	0.282	282
796804	4.82	0.506	506
796805	3.61	0.126	126
796806	4.05	0.257	257
796807	4.53	0.252	252
796808	4.19	2.159	2159
796809	1.69	0.032	32
796810	5.65	0.167	167
796811	4.43	0.466	466
796812	5.49	0.295	295
796813	3.78	0.029	29
796814	3.06	0.013	13
796815	4.71	0.089	89
796816	4.40	0.030	30
796817	0.54	<0.005	<5
796818	2.74	0.373	373
796819	4.13	0.060	60
*Dup 796780	N.A.	0.099	99
*Dup 796815	N.A.	0.090	90
*Rep 796747		0.023	23
*Rep 796795		0.084	84

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Certificate of Analysis

Work Order : RL1802819

[Report File No.: 000030055]

To: **WEST RED LAKE GOLD MINES INC**
82 RICHMOND ST EAST
SUITE 200
TORONTO ON M5C 1P1

Date: Dec 05, 2018

P.O. No. : West Red Lake Gold Mines Inc-Rowan Lake
Project No. : -
No. Of Samples : 74
Date Submitted : Nov 26, 2018
Report Comprises : Pages 1 to 3
(Inclusive of Cover Sheet)

Certified By : _____

Susan Isaac
Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Final : RL1802819 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000030055

Element Method Det.Lim. Units	WtKg	Au@	Au@
	G_WGH79	GE_FAA515	GE_FAA515
	0.01	0.005	5
	kg	g/t	ppb
796820	3.69	0.061	61
796821	5.23	0.362	362
796822	2.12	0.080	80
796823	1.99	0.082	82
796824	2.43	0.006	6
796825	3.36	0.055	55
796826	1.65	0.027	27
796827	3.13	0.304	304
796828	2.88	0.080	80
796829	3.23	0.007	7
796830	3.72	0.109	109
796831	2.37	0.042	42
796832	2.51	0.009	9
796833	3.60	0.348	348
796834	0.08	1.786	1786
796835	5.34	0.023	23
796836	2.76	0.049	49
796837	2.13	0.034	34
796838	3.04	0.517	517
796839	2.54	0.597	597
796840	2.00	0.330	330
796841	2.83	0.499	499
796842	3.66	0.030	30
796843	2.18	0.032	32
796844	3.99	0.414	414
796845	2.90	0.039	39
796846	5.01	0.030	30
796847	2.78	0.006	6
796848	3.39	0.033	33
796849	3.67	0.051	51
796850	1.52	0.055	55
796851	3.81	0.031	31
796852	1.55	0.016	16
796853	3.24	0.010	10
796854	2.92	<0.005	<5
796855	3.73	0.009	9
796856	3.45	<0.005	<5
796857	3.40	<0.005	<5
796858	3.30	<0.005	<5
796859	3.36	<0.005	<5

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Final : RL1802819 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000030055

Element Method Det.Lim. Units	WtKg	Au@	Au@
	G_WGH79	GE_FAA515	GE_FAA515
	0.01	0.005	5
	kg	g/t	ppb
796860	2.94	0.016	16
796861	2.80	<0.005	<5
796862	3.38	<0.005	<5
796863	2.90	<0.005	<5
796864	2.50	<0.005	<5
796865	2.61	0.005	5
796866	3.91	<0.005	<5
796867	0.82	<0.005	<5
796868	3.38	0.005	5
796869	4.64	<0.005	<5
796870	2.75	0.008	8
796871	3.88	0.006	6
796872	3.71	0.006	6
796873	2.98	0.007	7
796874	4.93	0.007	7
796875	3.93	0.006	6
796876	2.84	0.015	15
796877	2.37	0.011	11
796878	3.14	0.011	11
796879	3.52	0.012	12
796880	3.52	0.041	41
796881	2.69	0.006	6
796882	4.02	<0.005	<5
796883	2.44	<0.005	<5
796884	0.08	7.867	7867
796885	3.39	<0.005	<5
796886	4.78	<0.005	<5
796887	3.60	0.007	7
796888	2.99	<0.005	<5
796889	3.54	0.005	5
796890	3.50	0.007	7
796891	2.94	0.005	5
796892	3.40	0.006	6
796893	3.25	0.006	6
*Dup 796854	N.A.	0.006	6
*Dup 796889	N.A.	0.007	7
*Rep 796832		0.007	7
*Rep 796879		0.013	13

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Certificate of Analysis

Work Order : RL1802820

[Report File No.: 000030052]

To: **WEST RED LAKE GOLD MINES INC**
82 RICHMOND ST EAST
SUITE 200
TORONTO ON M5C 1P1

Date: Dec 05, 2018

P.O. No. : West Red Lake Gold Mines Inc-Rowan Lake
Project No. : -
No. Of Samples : 64
Date Submitted : Nov 26, 2018
Report Comprises : Pages 1 to 3
(Inclusive of Cover Sheet)

Certified By : _____

Susan Isaac
Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Final : RL1802820 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000030052

Element Method Det.Lim. Units	WtKg	Au@	Au@
	G_WGH79	GE_FAA515	GE_FAA515
	0.01	0.005	5
	kg	g/t	ppb
796894	3.41	0.008	8
796895	4.51	<0.005	<5
796896	4.06	<0.005	<5
796897	3.63	0.009	9
796898	3.44	<0.005	<5
796899	4.07	<0.005	<5
796900	1.79	<0.005	<5
796901	3.75	0.005	5
796902	3.17	0.095	95
796903	2.96	0.344	344
796904	2.78	0.165	165
796905	3.13	0.218	218
796906	2.80	0.829	829
796907	3.60	1.016	1016
796908	2.40	0.861	861
796909	3.02	0.174	174
796910	2.52	0.143	143
796911	3.97	0.116	116
796912	2.68	0.010	10
796913	3.43	0.007	7
796914	3.77	<0.005	<5
796915	2.89	0.006	6
796916	3.50	0.005	5
796917	1.07	<0.005	<5
796918	4.94	0.006	6
796919	1.75	0.009	9
796920	3.01	<0.005	<5
796921	2.56	<0.005	<5
796922	2.99	0.058	58
796923	2.86	0.027	27
796924	3.67	6.652	6652
796925	3.71	1.204	1204
796926	2.09	0.213	213
796927	3.06	0.170	170
796928	3.61	0.218	218
796929	4.67	0.606	606
796930	3.12	7.445	7445
796931	3.71	0.859	859
796932	3.38	8.875	8875
796933	3.57	1.480	1480

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Final : RL1802820 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000030052

Element Method Det.Lim. Units	WtKg	Au@	Au@
	G_WGH79	GE_FAA515	GE_FAA515
	0.01	0.005	5
	kg	g/t	ppb
796934	0.07	1.696	1696
796935	2.96	0.453	453
796936	3.56	3.908	3908
796937	2.41	0.012	12
796938	2.82	0.044	44
796939	3.86	0.370	370
796940	3.62	0.808	808
796941	3.74	1.502	1502
796942	3.70	0.341	341
796943	2.98	0.536	536
796944	2.74	0.201	201
796945	2.86	0.700	700
796946	2.72	0.060	60
796947	3.25	0.014	14
796948	2.46	0.270	270
796949	3.69	0.030	30
796950	1.79	0.024	24
796951	2.07	0.030	30
796952	3.02	0.088	88
796953	3.78	1.622	1622
796954	2.49	0.332	332
796955	3.19	<0.005	<5
796956	3.35	<0.005	<5
796957	5.06	<0.005	<5
*Dup 796928	N.A.	0.244	244
*Rep 796913		0.009	9
*Rep 796938		0.040	40

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Certificate of Analysis

Work Order : RL1802858

[Report File No.: 000030131]

To: **WEST RED LAKE GOLD MINES INC**
82 RICHMOND ST EAST
SUITE 200
TORONTO ON M5C 1P1

Date: Dec 19, 2018

P.O. No. : West Red Lake Gold Mines Inc-Rowan Lake
Project No. : -
No. Of Samples : 74
Date Submitted : Dec 03, 2018
Report Comprises : Pages 1 to 3
(Inclusive of Cover Sheet)

Certified By :



Dennis Dykin

Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Final : RL1802858 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000030131

Element Method Det.Lim. Units	WtKg	Au@	Au@
	G_WGH79	GE_FAA515	GE_FAA515
	0.01	0.005	5
	kg	g/t	ppb
798140	3.00	0.092	92
798141	3.09	0.025	25
798142	3.22	0.027	27
798143	2.23	0.022	22
798144	4.57	0.046	46
798145	2.57	0.062	62
798146	3.71	0.251	251
798147	3.39	0.108	108
798148	2.54	0.011	11
798149	2.93	0.078	78
798150	1.05	0.023	23
798151	2.80	0.050	50
798152	2.89	0.323	323
798153	2.78	0.031	31
798154	4.20	0.030	30
798155	5.31	0.006	6
798156	4.48	<0.005	<5
798157	2.93	0.006	6
798158	5.48	0.017	17
798159	3.62	0.010	10
798160	4.16	0.006	6
798161	3.40	<0.005	<5
798162	3.37	0.005	5
798163	3.13	0.022	22
798164	2.45	0.061	61
798165	3.27	0.017	17
798166	3.55	<0.005	<5
798167	1.16	0.032	32
798168	4.14	0.019	19
798169	4.80	<0.005	<5
798170	3.02	0.022	22
798171	3.20	0.336	336
798172	3.61	0.130	130
798173	3.73	0.026	26
798174	4.31	0.007	7
798175	2.17	0.008	8
798176	3.18	0.008	8
798177	4.46	0.044	44
798178	5.71	0.033	33
798179	5.47	0.144	144

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Final : RL1802858 Order: West Red Lake Gold Mines Inc-Rowan Lake

Page 3 of 3

Report File No.: 0000030131

Element Method Det.Lim. Units	WtKg	Au@	Au@
	G_WGH79	GE_FAA515	GE_FAA515
	0.01	0.005	5
	kg	g/t	ppb
798180	4.73	0.180	180
798181	3.32	0.299	299
798182	6.25	0.448	448
798183	2.11	0.062	62
798184	0.08	7.600	7600
798185	2.73	0.025	25
798186	3.82	<0.005	<5
798187	3.29	0.036	36
798188	4.41	0.049	49
798189	2.42	0.018	18
798190	4.59	0.171	171
798191	5.55	0.109	109
798192	4.58	0.024	24
798193	3.48	0.149	149
798194	4.86	0.103	103
798195	5.00	0.061	61
798196	4.39	0.008	8
798197	4.93	0.007	7
798198	2.66	8.698	8698
798199	5.11	0.138	138
798200	1.88	0.084	84
798201	3.06	0.469	469
798202	3.48	0.129	129
798203	5.73	0.029	29
798204	5.12	0.013	13
798205	5.37	0.012	12
798206	3.47	0.022	22
798207	3.24	0.009	9
798208	2.85	0.147	147
798209	2.45	0.067	67
798210	3.14	0.114	114
798211	5.02	0.046	46
798212	4.76	0.043	43
798213	4.93	0.017	17
*Dup 798174	N.A.	0.005	5
*Dup 798209	N.A.	0.039	39
*Rep 798144		0.047	47
*Rep 798198		7.481	7481

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Certificate of Analysis

Work Order : RL1802843

[Report File No.: 000030109]

To: **WEST RED LAKE GOLD MINES INC**
82 RICHMOND ST EAST
SUITE 200
TORONTO ON M5C 1P1

Date: Dec 14, 2018

P.O. No. : West Red Lake Gold Mines Inc-Rowan Lake
Project No. : -
No. Of Samples : 74
Date Submitted : Nov 29, 2018
Report Comprises : Pages 1 to 3
(Inclusive of Cover Sheet)

Certified By :



Dennis Dykin

Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Final : RL1802843 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000030109

Element Method Det.Lim. Units	WtKg	Au@	Au@
	G_WGH79	GE_FAA515	GE_FAA515
	0.01	0.005	5
	kg	g/t	ppb
798001	2.35	0.005	5
798002	3.83	0.009	9
798003	4.89	<0.005	<5
798004	4.14	0.010	10
798005	2.18	0.068	68
798006	3.55	<0.005	<5
798007	3.95	0.007	7
798008	3.58	0.077	77
798009	4.32	<0.005	<5
798010	3.11	<0.005	<5
798011	4.02	0.006	6
798012	4.11	<0.005	<5
798013	3.19	<0.005	<5
798014	2.26	<0.005	<5
798015	2.84	0.006	6
798016	3.11	<0.005	<5
798017	1.09	<0.005	<5
798018	3.77	<0.005	<5
798019	3.33	0.008	8
798020	2.99	<0.005	<5
798021	3.56	<0.005	<5
798022	3.82	<0.005	<5
798023	4.89	<0.005	<5
798024	4.77	<0.005	<5
798025	3.40	<0.005	<5
798026	3.94	<0.005	<5
798027	5.40	<0.005	<5
798028	2.01	0.027	27
798029	2.37	2.158	2158
798030	3.05	0.331	331
798031	3.97	0.125	125
798032	3.87	1.927	1927
798033	3.70	0.089	89
798034	0.08	1.945	1945
798035	3.84	0.116	116
798036	3.92	0.009	9
798037	2.86	0.032	32
798038	2.66	0.045	45
798039	2.99	0.679	679
798040	4.69	0.006	6

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Final : RL1802843 Order: West Red Lake Gold Mines Inc-Rowan Lake

Page 3 of 3

Report File No.: 0000030109

Element Method Det.Lim. Units	WtKg	Au@	Au@
	G_WGH79	GE_FAA515	GE_FAA515
	0.01	0.005	5
	kg	g/t	ppb
798041	4.34	<0.005	<5
798042	3.30	0.032	32
798043	2.74	0.018	18
798044	3.06	0.019	19
798045	2.49	0.018	18
798046	5.40	<0.005	<5
798047	5.29	0.007	7
798048	4.73	0.039	39
798049	5.37	0.087	87
798050	2.08	0.098	98
798051	5.71	0.323	323
798052	2.73	5.486	5486
798053	3.77	1.118	1118
798054	2.74	0.960	960
798055	4.63	0.230	230
798056	3.88	0.835	835
798057	3.43	3.498	3498
798058	2.99	9.522	9522
798059	4.49	0.311	311
798060	3.10	0.052	52
798061	2.79	0.021	21
798062	3.93	1.035	1035
798063	3.16	0.117	117
798064	3.30	0.091	91
798065	4.08	0.034	34
798066	3.15	0.412	412
798067	0.74	<0.005	<5
798068	4.43	0.027	27
798069	2.82	0.018	18
798070	2.85	0.049	49
798071	3.97	0.149	149
798072	2.41	3.539	3539
798073	2.57	0.502	502
798074	2.39	0.638	638
*Dup 798035	N.A.	0.113	113
*Dup 798070	N.A.	0.009	9
*Rep 798003		<0.005	<5
*Rep 798069		0.015	15

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Certificate of Analysis

Work Order : RL1802844

[Report File No.: 000030118]

To: **WEST RED LAKE GOLD MINES INC**
82 RICHMOND ST EAST
SUITE 200
TORONTO ON M5C 1P1

Date: Dec 17, 2018

P.O. No. : West Red Lake Gold Mines Inc-Rowan Lake
Project No. : -
No. Of Samples : 65
Date Submitted : Nov 29, 2018
Report Comprises : Pages 1 to 3
(Inclusive of Cover Sheet)

Certified By :



Dennis Dykin

Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Final : RL1802844 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000030118

Element Method Det.Lim. Units	WtKg G_WGH79 kg	Au@ GE_FAA515 g/t	Au@ GE_FAA515 ppb	Au GO_FAG505 oz/t	Au GO_FAG505 g/t	Au GO_FAG505 ppm	Au GO_FAG505 ppb
798075	5.07	0.080	80	N.A.	N.A.	N.A.	N.A.
798076	3.95	>10.000	>10000	0.379	13.01	13.01	13008
798077	3.70	>10.000	>10000	1.770	60.69	60.69	60691
798078	4.10	0.338	338	N.A.	N.A.	N.A.	N.A.
798079	4.28	0.152	152	N.A.	N.A.	N.A.	N.A.
798080	5.21	0.146	146	N.A.	N.A.	N.A.	N.A.
798081	2.44	0.060	60	N.A.	N.A.	N.A.	N.A.
798082	2.75	0.045	45	N.A.	N.A.	N.A.	N.A.
798083	4.55	0.025	25	N.A.	N.A.	N.A.	N.A.
798084	0.08	8.088	8088	N.A.	N.A.	N.A.	N.A.
798085	4.06	0.026	26	N.A.	N.A.	N.A.	N.A.
798086	2.50	0.010	10	N.A.	N.A.	N.A.	N.A.
798087	4.92	0.019	19	N.A.	N.A.	N.A.	N.A.
798088	4.82	<0.005	<5	N.A.	N.A.	N.A.	N.A.
798089	4.96	0.008	8	N.A.	N.A.	N.A.	N.A.
798090	6.90	<0.005	<5	N.A.	N.A.	N.A.	N.A.
798091	3.67	0.016	16	N.A.	N.A.	N.A.	N.A.
798092	4.38	0.044	44	N.A.	N.A.	N.A.	N.A.
798093	3.83	0.006	6	N.A.	N.A.	N.A.	N.A.
798094	4.10	0.019	19	N.A.	N.A.	N.A.	N.A.
798095	5.01	<0.005	<5	N.A.	N.A.	N.A.	N.A.
798096	4.07	0.007	7	N.A.	N.A.	N.A.	N.A.
798097	3.40	<0.005	<5	N.A.	N.A.	N.A.	N.A.
798098	3.45	0.006	6	N.A.	N.A.	N.A.	N.A.
798099	4.82	0.008	8	N.A.	N.A.	N.A.	N.A.
798100	2.18	0.008	8	N.A.	N.A.	N.A.	N.A.
798101	3.17	0.012	12	N.A.	N.A.	N.A.	N.A.
798102	3.40	0.008	8	N.A.	N.A.	N.A.	N.A.
798103	2.48	0.010	10	N.A.	N.A.	N.A.	N.A.
798104	3.28	0.007	7	N.A.	N.A.	N.A.	N.A.
798105	2.66	<0.005	<5	N.A.	N.A.	N.A.	N.A.
798106	4.43	0.021	21	N.A.	N.A.	N.A.	N.A.
798107	3.18	0.045	45	N.A.	N.A.	N.A.	N.A.
798108	4.65	0.063	63	N.A.	N.A.	N.A.	N.A.
798109	2.73	0.052	52	N.A.	N.A.	N.A.	N.A.
798110	3.40	0.042	42	N.A.	N.A.	N.A.	N.A.
798111	4.31	0.402	402	N.A.	N.A.	N.A.	N.A.
798112	4.49	0.015	15	N.A.	N.A.	N.A.	N.A.
798113	3.63	0.008	8	N.A.	N.A.	N.A.	N.A.
798114	5.07	0.020	20	N.A.	N.A.	N.A.	N.A.

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Report File No.: 0000030118

Element Method Det.Lim. Units	WtKg G_WGH79 kg	Au@ GE_FAA515 g/t	Au@ GE_FAA515 ppb	Au GO_FAG505 oz/t	Au GO_FAG505 g/t	Au GO_FAG505 ppm	Au GO_FAG505 ppb
798115	3.23	0.225	225	N.A.	N.A.	N.A.	N.A.
798116	2.10	0.037	37	N.A.	N.A.	N.A.	N.A.
798117	0.83	0.010	10	N.A.	N.A.	N.A.	N.A.
798118	3.30	0.047	47	N.A.	N.A.	N.A.	N.A.
798119	3.63	0.096	96	N.A.	N.A.	N.A.	N.A.
798120	2.71	<0.005	<5	N.A.	N.A.	N.A.	N.A.
798121	3.86	0.006	6	N.A.	N.A.	N.A.	N.A.
798122	1.42	0.009	9	N.A.	N.A.	N.A.	N.A.
798123	1.99	0.006	6	N.A.	N.A.	N.A.	N.A.
798124	2.23	0.058	58	N.A.	N.A.	N.A.	N.A.
798125	3.03	0.020	20	N.A.	N.A.	N.A.	N.A.
798126	2.69	0.029	29	N.A.	N.A.	N.A.	N.A.
798127	3.34	0.022	22	N.A.	N.A.	N.A.	N.A.
798128	2.74	9.852	9852	N.A.	N.A.	N.A.	N.A.
798129	2.51	0.495	495	N.A.	N.A.	N.A.	N.A.
798130	3.64	0.558	558	N.A.	N.A.	N.A.	N.A.
798131	3.07	0.333	333	N.A.	N.A.	N.A.	N.A.
798132	2.82	0.166	166	N.A.	N.A.	N.A.	N.A.
798133	3.37	0.615	615	N.A.	N.A.	N.A.	N.A.
798134	0.06	1.813	1813	N.A.	N.A.	N.A.	N.A.
798135	3.78	0.219	219	N.A.	N.A.	N.A.	N.A.
798136	4.03	0.201	201	N.A.	N.A.	N.A.	N.A.
798137	3.72	0.040	40	N.A.	N.A.	N.A.	N.A.
798138	2.75	0.064	64	N.A.	N.A.	N.A.	N.A.
798139	2.91	0.030	30	N.A.	N.A.	N.A.	N.A.
*Dup 798109	N.A.	0.048	48	N.A.	N.A.	N.A.	N.A.
*Rep 798090		<0.005	<5				
*Rep 798121		<0.005	<5				
*Rep 798093				N.A.	N.A.	N.A.	N.A.
*Rep 798132				N.A.	N.A.	N.A.	N.A.

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Certificate of Analysis

Work Order : RL1802859

[Report File No.: 000030134]

To: **WEST RED LAKE GOLD MINES INC**
82 RICHMOND ST EAST
SUITE 200
TORONTO ON M5C 1P1

Date: Dec 20, 2018

P.O. No. : West Red Lake Gold Mines Inc-Rowan Lake
Project No. : -
No. Of Samples : 74
Date Submitted : Dec 03, 2018
Report Comprises : Pages 1 to 4
(Inclusive of Cover Sheet)

Certified By :



Dennis Dykin

Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Final : RL1802859 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000030134

Element Method Det.Lim. Units	WtKg	Au@	Au@
	G_WGH79	GE_FAA515	GE_FAA515
	0.01	0.005	5
	kg	g/t	ppb
798214	3.93	0.016	16
798215	3.82	0.020	20
798216	2.81	0.069	69
798217	0.73	<0.005	<5
798218	2.47	0.084	84
798219	4.57	1.135	1135
798220	4.76	<0.005	<5
798221	3.96	<0.005	<5
798222	3.59	0.014	14
798223	3.59	0.009	9
798224	5.09	<0.005	<5
798225	5.16	0.010	10
798226	3.62	0.016	16
798227	3.66	0.005	5
798228	4.10	0.009	9
798229	4.62	0.005	5
798230	4.65	0.005	5
798231	4.38	0.009	9
798232	5.84	0.016	16
798233	4.73	0.021	21
798234	0.07	1.345	1345
798235	4.69	0.014	14
798236	1.87	0.262	262
798237	2.67	0.150	150
798238	2.48	0.014	14
798239	2.45	0.008	8
798240	3.66	0.022	22
798241	3.49	0.060	60
798242	2.91	0.021	21
798243	2.71	<0.005	<5
798244	2.55	<0.005	<5
798245	3.14	0.008	8
798246	3.66	<0.005	<5
798247	3.99	0.019	19
798248	3.32	0.012	12
798249	3.87	0.054	54
798250	1.44	0.022	22
798251	4.19	0.007	7
798252	4.40	0.005	5
798253	3.46	0.152	152

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Final : RL1802859 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000030134

Element Method Det.Lim. Units	WtKg	Au@	Au@
	G_WGH79	GE_FAA515	GE_FAA515
	0.01	0.005	5
	kg	g/t	ppb
798254	5.71	<0.005	<5
798255	3.46	<0.005	<5
798256	5.07	0.321	321
798257	4.11	<0.005	<5
798258	3.26	0.010	10
798259	2.81	<0.005	<5
798260	2.73	<0.005	<5
798261	3.95	<0.005	<5
798262	2.82	<0.005	<5
798263	3.04	<0.005	<5
798264	2.62	<0.005	<5
798265	3.58	<0.005	<5
798266	4.19	<0.005	<5
798267	0.81	<0.005	<5
798268	2.00	0.014	14
798269	4.31	0.006	6
798270	2.75	0.030	30
798271	2.98	<0.005	<5
798272	3.31	<0.005	<5
798273	4.79	<0.005	<5
798274	4.99	<0.005	<5
798275	4.83	0.009	9
798276	6.38	<0.005	<5
798277	4.79	<0.005	<5
798278	3.53	0.483	483
798279	2.77	0.273	273
798280	3.60	0.122	122
798281	3.58	0.040	40
798282	3.82	0.139	139
798283	3.26	0.056	56
798284	0.07	7.303	7303
798285	3.20	0.031	31
798286	3.27	0.012	12
798287	3.52	0.033	33
*Dup 798248	N.A.	0.014	14
*Dup 798283	N.A.	0.045	45

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Final : RL1802859 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000030134

Element	Au@	Au@
Method	GE_FAA515	GE_FAA515
Det.Lim.	0.005	5
Units	g/t	ppb
*Rep 798240	0.019	19
*Rep 798269	0.006	6

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Certificate of Analysis

Work Order : RL1802860

[Report File No.: 000030122]

To: **WEST RED LAKE GOLD MINES INC**
82 RICHMOND ST EAST
SUITE 200
TORONTO ON M5C 1P1

Date: Dec 18, 2018

P.O. No. : West Red Lake Gold Mines Inc-Rowan Lake
Project No. : -
No. Of Samples : 74
Date Submitted : Dec 03, 2018
Report Comprises : Pages 1 to 3
(Inclusive of Cover Sheet)

Certified By :



Dennis Dykin

Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Final : RL1802860 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000030122

Element Method Det.Lim. Units	WtKg	Au@	Au@
	G_WGH79	GE_FAA515	GE_FAA515
	0.01	0.005	5
	kg	g/t	ppb
798288	3.29	0.148	148
798289	2.70	0.187	187
798290	1.86	0.028	28
798291	2.43	0.121	121
798292	4.52	0.058	58
798293	1.97	0.136	136
798294	3.82	0.087	87
798295	2.82	0.101	101
798296	2.55	0.563	563
798297	3.16	0.076	76
798298	2.84	0.376	376
798299	3.02	0.779	779
798300	1.22	0.972	972
798301	2.93	0.048	48
798302	3.12	0.008	8
798303	2.74	0.015	15
798304	3.04	0.110	110
798305	2.34	5.626	5626
798306	3.56	0.115	115
798307	4.79	1.178	1178
798308	4.52	0.302	302
798309	2.46	0.055	55
798310	4.03	0.024	24
798311	3.34	0.048	48
798312	2.37	0.043	43
798313	2.16	0.038	38
798314	2.61	0.095	95
798315	3.29	0.064	64
798316	4.89	0.043	43
798317	0.90	<0.005	<5
798318	2.45	0.202	202
798319	3.76	5.140	5140
798320	5.25	0.236	236
798321	3.59	0.122	122
798322	3.50	0.020	20
798323	4.43	0.024	24
798324	3.30	0.017	17
798325	3.80	0.014	14
798326	2.85	0.053	53
798327	4.06	0.098	98

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Final : RL1802860 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000030122

Element Method Det.Lim. Units	WtKg	Au@	Au@
	G_WGH79	GE_FAA515	GE_FAA515
	0.01	0.005	5
	kg	g/t	ppb
798328	3.86	0.054	54
798329	2.93	0.016	16
798330	3.03	0.065	65
798331	2.84	0.019	19
798332	3.24	0.009	9
798333	4.73	<0.005	<5
798334	0.06	2.001	2001
798335	3.12	0.076	76
798336	3.77	0.016	16
798337	4.36	0.042	42
798338	3.93	0.126	126
798339	2.99	0.035	35
798340	3.12	0.069	69
798341	2.56	<0.005	<5
798342	3.64	0.028	28
798343	3.71	0.132	132
798344	4.35	0.529	529
798345	3.82	0.249	249
798346	3.13	0.089	89
798347	3.17	0.060	60
798348	2.98	0.026	26
798349	2.81	0.077	77
798350	1.70	0.072	72
798351	2.74	0.202	202
798352	5.04	0.069	69
798353	2.68	0.027	27
798354	3.52	0.045	45
798355	3.10	0.009	9
798356	4.73	1.109	1109
798357	3.39	0.077	77
798358	4.10	0.010	10
798359	3.20	0.062	62
798360	3.17	0.076	76
798361	3.22	0.016	16
*Dup 798322	N.A.	0.007	7
*Dup 798357	N.A.	0.068	68
*Rep 798289		0.172	172
*Rep 798338		0.113	113

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Certificate of Analysis

Work Order : RL1802861

[Report File No.: 000030129]

To: **WEST RED LAKE GOLD MINES INC**
82 RICHMOND ST EAST
SUITE 200
TORONTO ON M5C 1P1

Date: Dec 19, 2018

P.O. No. : West Red Lake Gold Mines Inc-Rowan Lake
Project No. : -
No. Of Samples : 50
Date Submitted : Dec 03, 2018
Report Comprises : Pages 1 to 3
(Inclusive of Cover Sheet)

Certified By :



Dennis Dykin

Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Final : RL1802861 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000030129

Element Method Det.Lim. Units	WtKg	Au@	Au@
	G_WGH79	GE_FAA515	GE_FAA515
	0.01	0.005	5
	kg	g/t	ppb
798362	2.71	<0.005	<5
798363	4.13	0.067	67
798364	4.98	0.011	11
798365	5.69	<0.005	<5
798366	2.59	0.081	81
798367	0.77	<0.005	<5
798368	2.40	0.295	295
798369	2.49	<0.005	<5
798370	2.99	<0.005	<5
798371	3.44	<0.005	<5
798372	2.58	<0.005	<5
798373	1.57	<0.005	<5
798374	2.41	0.024	24
798375	3.58	0.005	5
798376	3.74	<0.005	<5
798377	3.08	0.012	12
798378	3.50	<0.005	<5
798379	3.71	<0.005	<5
798380	3.40	0.006	6
798381	3.12	0.007	7
798382	5.50	0.006	6
798383	L.N.R.	L.N.R.	L.N.R.
798384	0.08	7.766	7766
798385	3.02	0.006	6
798386	4.18	0.029	29
798387	2.87	0.018	18
798388	3.37	0.010	10
798389	2.72	0.599	599
798390	4.92	0.599	599
798391	2.14	0.631	631
798392	5.17	0.018	18
798393	5.29	0.012	12
798394	5.33	0.012	12
798395	4.18	0.006	6
798396	4.04	0.014	14
798397	4.63	0.029	29
798398	4.94	0.016	16
798399	3.24	0.008	8
798400	1.16	0.014	14
798401	5.06	0.011	11

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Final : RL1802861 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000030129

Element Method	WtKg	Au@	Au@
Det.Lim.	G_WGH79	GE_FAA515	GE_FAA515
Units	0.01	0.005	5
	kg	g/t	ppb
798402	4.45	0.031	31
798403	5.10	0.014	14
798404	3.97	0.017	17
798405	4.93	0.006	6
798406	5.05	0.018	18
798407	5.19	0.006	6
798408	5.44	0.018	18
798409	5.78	0.051	51
798410	4.88	0.020	20
798411	3.40	0.018	18
*Dup 798396	N.A.	0.011	11
*Rep 798376		0.013	13
*Rep 798402		0.034	34

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Certificate of Analysis

Work Order : RL1800947

[Report File No.: 000027383]

To: **WEST RED LAKE GOLD MINES INC**
82 RICHMOND ST EAST
SUITE 200
TORONTO ON M5C 1P1

Date: Apr 13, 2018

P.O. No. : West Red Lake Gold Mines Inc-Rowan Lake
Project No. : -
No. Of Samples : 78
Date Submitted : Mar 28, 2018
Report Comprises : Pages 1 to 4
(Inclusive of Cover Sheet)

Certified By : _____

Susan Isaac
Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Report File No.: 0000027383

Element Method Det.Lim. Units	Au@ GE_FAA515 0.005 g/t	Au@ GE_FAA515 5 ppb	WtKg G_WGH79 0.01 kg
	9739	0.013	13	4.49
9740	0.005	5	4.54
9741	<0.005	<5	3.96
9742	<0.005	<5	4.01
9743	0.037	37	5.79
9744	0.046	46	4.42
9745	0.011	11	5.18
9746	0.025	25	4.90
9747	0.030	30	5.05
9748	0.034	34	4.73
9749	0.045	45	4.49
9750	7.434	7434	0.11
9751	0.036	36	5.00
9752	0.041	41	4.36
9753	0.687	687	4.87
9754	0.087	87	4.66
9755	0.034	34	4.62
9756	0.044	44	4.70
9757	0.012	12	5.15
9758	0.026	26	4.89
9759	0.141	141	4.58
9760	0.033	33	4.35
9761	0.029	29	4.63
9762	0.019	19	4.41
9763	0.026	26	3.32
9764	0.047	47	3.12
9765	<0.005	<5	4.56
9766	<0.005	<5	4.36
9767	<0.005	<5	0.53
9768	0.274	274	4.57
9769	0.020	20	4.55
9770	0.027	27	4.28
9771	0.009	9	3.23
9772	0.042	42	5.67
9773	0.032	32	4.61
9774	0.019	19	4.58
9775	0.015	15	5.08
9776	0.026	26	4.84
9777	0.010	10	4.67
9778	0.156	156	4.46

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Final : RL1800947 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000027383

Element Method Det.Lim. Units	Au@ GE_FAA515 0.005 g/t	Au@ GE_FAA515 5 ppb	WtKg G_WGH79 0.01 kg
9779	0.209	209	4.47
9780	0.021	21	4.17
9781	0.041	41	4.27
9782	0.040	40	4.41
9783	0.027	27	4.67
9784	2.068	2068	0.11
9785	0.038	38	2.35
9786	0.042	42	4.61
9787	0.055	55	4.17
9788	0.073	73	4.73
9789	0.038	38	4.44
9790	0.073	73	4.28
9791	0.059	59	4.23
9792	0.082	82	4.86
9793	0.048	48	4.58
9794	0.027	27	4.65
9795	0.017	17	4.71
9796	0.014	14	4.31
9797	0.006	6	4.95
9798	<0.005	<5	5.17
9799	<0.005	<5	4.73
9800	<0.005	<5	0.55
9801	<0.005	<5	4.30
9802	<0.005	<5	4.70
9803	0.016	16	5.31
9804	<0.005	<5	4.15
9805	<0.005	<5	3.29
9806	0.037	37	3.67
9807	<0.005	<5	4.20
9808	0.042	42	3.83
9809	0.057	57	4.40
9810	0.046	46	4.91
9811	0.051	51	4.02
9812	0.015	15	4.38
9813	0.025	25	4.33
9814	0.071	71	4.21
9815	0.374	374	4.48
9816	<0.005	<5	4.63
*Dup 9773	0.046	46	--
*Dup 9808	0.032	32	--

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Report File No.: 0000027383

Element	Au@	Au@
Method	GE_FAA515	GE_FAA515
Det.Lim.	0.005	5
Units	g/t	ppb
*Rep 9740	0.008	8
*Rep 9798	<0.005	<5
*Rep 9773	0.044	44

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Certificate of Analysis

Work Order : RL1801040

[Report File No.: 000027446]

To: **WEST RED LAKE GOLD MINES INC**
82 RICHMOND ST EAST
SUITE 200
TORONTO ON M5C 1P1

Date: Apr 16, 2018

P.O. No. : West Red Lake Gold Mines Inc-Rowan Lake
Project No. : -
No. Of Samples : 84
Date Submitted : Apr 04, 2018
Report Comprises : Pages 1 to 4
(Inclusive of Cover Sheet)

Certified By : _____

Susan Isaac
Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

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Final : RL1801040 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000027446

Element Method Det.Lim. Units	Au@ GE_FAA515 0.005 g/t	Au@ GE_FAA515 5 ppb	WtKg G_WGH79 0.01 kg
	9817	0.037	37	4.17
9818	0.011	11	4.54
9819	<0.005	<5	4.85
9820	0.010	10	4.72
9821	0.018	18	4.97
9822	0.063	63	4.73
9823	0.033	33	4.37
9824	0.020	20	4.49
9825	<0.005	<5	4.78
9826	0.017	17	4.38
9827	0.013	13	4.68
9828	0.011	11	3.75
9829	0.009	9	3.46
9830	0.029	29	3.78
9831	0.009	9	3.60
9832	0.407	407	3.85
9833	0.030	30	3.70
9834	1.809	1809	0.08
9835	0.029	29	4.57
9836	0.038	38	3.45
9837	0.024	24	3.53
9838	0.029	29	3.50
9839	0.144	144	4.94
9840	0.035	35	4.66
9841	<0.005	<5	3.46
9842	0.016	16	4.37
9843	<0.005	<5	4.26
9844	<0.005	<5	4.36
9845	0.025	25	5.27
9846	<0.005	<5	4.09
9847	<0.005	<5	4.49
9848	0.022	22	4.51
9849	0.006	6	4.72
9850	7.757	7757	0.08
9851	0.017	17	4.40
9852	0.007	7	4.43
9853	<0.005	<5	4.73
9854	<0.005	<5	3.37
9855	0.009	9	3.58
9856	0.009	9	5.12

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Final : RL1801040 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000027446

Element Method Det.Lim. Units	Au@ GE_FAA515 0.005 g/t	Au@ GE_FAA515 5 ppb	WtKg G_WGH79 0.01 kg
	9857	0.013	13	3.47
9858	0.008	8	3.63
9859	0.020	20	5.00
9860	0.006	6	5.31
9861	0.010	10	4.53
9862	0.021	21	4.29
9863	0.018	18	4.92
9864	0.022	22	4.95
9865	0.011	11	4.95
9866	0.014	14	2.19
9867	0.060	60	2.23
9868	0.010	10	4.69
9869	0.007	7	4.80
9870	<0.005	<5	4.68
9871	<0.005	<5	1.69
9872	0.009	9	4.68
9873	0.017	17	4.46
9874	0.011	11	4.62
9875	0.020	20	4.66
9876	0.029	29	4.96
9877	0.018	18	5.39
9878	0.013	13	4.29
9879	0.012	12	4.56
9880	0.028	28	4.22
9881	0.014	14	3.88
9882	0.011	11	5.16
9883	0.074	74	4.69
9884	1.721	1721	0.08
9885	0.075	75	4.43
9886	0.015	15	4.61
9887	0.011	11	4.70
9888	0.009	9	4.72
9889	0.012	12	4.82
9890	0.023	23	5.16
9891	0.010	10	4.75
9892	0.008	8	5.28
9893	0.010	10	4.52
9894	0.015	15	4.55
9895	0.018	18	4.78
9896	0.009	9	4.79

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Final : RL1801040 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000027446

Element Method Det.Lim. Units	Au@ GE_FAA515 0.005 g/t	Au@ GE_FAA515 5 ppb	WtKg G_WGH79 0.01 kg
9897	0.029	29	4.78
9898	0.018	18	4.51
9899	0.018	18	4.81
9900	0.056	56	0.74
*Dup 9851	0.011	11	--
*Dup 9886	0.019	19	--
*Rep 9841	0.029	29	
*Rep 9860	0.009	9	
*Rep 9895	0.030	30	

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Certificate of Analysis

Work Order : RL1801233

[Report File No.: 000027788]

To: **WEST RED LAKE GOLD MINES INC**
82 RICHMOND ST EAST
SUITE 200
TORONTO ON M5C 1P1

Date: May 07, 2018

P.O. No. : West Red Lake Gold Mines Inc-Rowan Lake
Project No. : -
No. Of Samples : 30
Date Submitted : Apr 22, 2018
Report Comprises : Pages 1 to 2
(Inclusive of Cover Sheet)

Certified By : _____

Susan Isaac
Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

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Final : RL1801233 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000027788

Element Method Det.Lim. Units	Au@ GE_FAA515 0.005 g/t	Au@ GE_FAA515 5 ppb	WtKg G_WGH79 0.01 kg
9901	0.027	27	4.83
9902	0.030	30	5.13
9903	0.025	25	4.14
9904	<0.005	<5	3.26
9905	<0.005	<5	3.19
9906	0.013	13	3.17
9907	0.025	25	3.63
9908	<0.005	<5	3.65
9909	<0.005	<5	3.61
9910	<0.005	<5	3.34
9911	0.015	15	3.42
9912	<0.005	<5	3.32
9913	0.008	8	3.67
9914	0.021	21	3.42
9915	0.034	34	3.70
9916	<0.005	<5	3.78
9917	1.902	1902	0.09
9918	<0.005	<5	3.15
9919	0.007	7	3.69
9920	<0.005	<5	3.58
9921	0.006	6	3.67
9922	0.009	9	3.41
9923	<0.005	<5	3.30
9924	0.017	17	3.81
9925	0.051	51	3.67
9926	0.068	68	3.19
9927	0.030	30	3.43
9928	<0.005	<5	3.18
9929	0.022	22	3.44
9930	0.018	18	3.32
*Rep 9908	0.011	11	

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Certificate of Analysis

Work Order : RL1801404

[Report File No.: 000027965]

To: **WEST RED LAKE GOLD MINES INC**
82 RICHMOND ST EAST
SUITE 200
TORONTO ON M5C 1P1

Date: May 17, 2018

P.O. No. : West Red Lake Gold Mines Inc-Rowan Lake
Project No. : -
No. Of Samples : 50
Date Submitted : May 12, 2018
Report Comprises : Pages 1 to 3
(Inclusive of Cover Sheet)

Certified By : _____

Susan Isaac
Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Final : RL1801404 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000027965

Element Method Det.Lim. Units	Au@ GE_FAA515 0.005 g/t	Au@ GE_FAA515 5 ppb	WtKg G_WGH79 0.01 kg
9978	0.091	91	3.49
9979	0.021	21	3.46
9980	0.017	17	3.37
9981	0.019	19	3.38
9982	0.625	625	3.01
9983	0.010	10	3.76
9984	1.827	1827	0.08
9985	0.011	11	4.25
9986	0.338	338	3.36
9987	0.105	105	4.55
9988	<0.005	<5	3.56
9989	0.014	14	5.10
9990	0.009	9	3.44
9991	0.013	13	3.28
9992	0.007	7	3.43
9993	4.390	4390	3.35
9994	0.028	28	3.53
9995	<0.005	<5	3.01
9996	<0.005	<5	3.55
9997	<0.005	<5	3.42
9998	0.009	9	3.11
9999	0.009	9	3.22
10000	0.014	14	1.51
796501	0.038	38	4.61
796502	0.049	49	3.29
796503	0.038	38	4.55
796504	0.027	27	3.54
796505	0.054	54	3.50
796506	0.031	31	3.56
796507	0.016	16	3.51
796508	0.009	9	3.52
796509	0.007	7	3.52
796510	0.005	5	3.57
796511	<0.005	<5	3.43
796512	0.008	8	3.53
796513	0.005	5	3.55
796514	0.012	12	3.55
796515	0.022	22	3.82
796516	0.006	6	3.63
796517	<0.005	<5	0.44

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Final : RL1801404 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000027965

Element Method Det.Lim. Units	Au@ GE_FAA515 0.005 g/t	Au@ GE_FAA515 5 ppb	WtKg G_WGH79 0.01 kg
796518	0.006	6	3.67
796519	0.010	10	3.30
796520	0.006	6	3.46
796521	0.014	14	3.59
796522	0.099	99	3.58
796523	0.046	46	3.58
796524	0.083	83	3.59
796525	0.075	75	3.45
796526	0.007	7	3.58
796527	0.119	119	3.56
*Dup 796512	0.012	12	--
*Rep 9997	0.008	8	
*Rep 796525	0.107	107	

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Certificate of Analysis

Work Order : RL1802845

[Report File No.: 000030056]

To: **WEST RED LAKE GOLD MINES INC**
82 RICHMOND ST EAST
SUITE 200
TORONTO ON M5C 1P1

Date: Dec 05, 2018

P.O. No. : West Red Lake Gold Mines Inc-Rowan Lake
Project No. : -
No. Of Samples : 43
Date Submitted : Nov 29, 2018
Report Comprises : Pages 1 to 3
(Inclusive of Cover Sheet)

Certified By : _____

Susan Isaac
Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Final : RL1802845 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000030056

Element Method Det.Lim. Units	WtKg	Au@	Au@
	G_WGH79	GE_FAA515	GE_FAA515
	0.01	0.005	5
	kg	g/t	ppb
796958	4.80	<0.005	<5
796959	3.22	0.006	6
796960	3.76	0.021	21
796961	2.99	0.009	9
796962	5.35	<0.005	<5
796963	4.38	<0.005	<5
796964	5.76	<0.005	<5
796965	3.92	<0.005	<5
796966	3.99	<0.005	<5
796967	0.80	<0.005	<5
796968	5.46	0.024	24
796969	4.05	0.026	26
796970	3.72	0.112	112
796971	3.23	0.036	36
796972	2.50	0.021	21
796973	3.65	0.017	17
796974	2.91	0.009	9
796975	3.00	0.033	33
796976	2.85	0.531	531
796977	3.16	0.065	65
796978	4.30	0.016	16
796979	4.82	0.082	82
796980	4.08	0.136	136
796981	3.71	0.249	249
796982	3.74	0.262	262
796983	3.43	0.333	333
796984	0.07	7.840	7840
796985	4.06	0.231	231
796986	3.59	0.161	161
796987	3.97	0.029	29
796988	2.55	0.066	66
796989	2.90	0.049	49
796990	3.69	0.024	24
796991	3.45	0.014	14
796992	3.70	0.027	27
796993	3.96	<0.005	<5
796994	3.49	0.053	53
796995	3.32	0.023	23
796996	3.29	0.012	12
796997	3.17	<0.005	<5

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Final : RL1802845 Order: West Red Lake Gold Mines Inc-Rowan Lake

Report File No.: 0000030056

Element	WtKg	Au@	Au@
Method	G_WGH79	GE_FAA515	GE_FAA515
Det.Lim.	0.01	0.005	5
Units	kg	g/t	ppb
796998	3.68	<0.005	<5
796999	3.38	0.091	91
797000	1.42	<0.005	<5
*Dup 796992	N.A.	0.020	20
*Rep 796978		0.015	15
*Rep 797000		<0.005	<5

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Certificate of Analysis

Work Order : RL1802858

[Report File No.: 000030131]

To: **WEST RED LAKE GOLD MINES INC**
82 RICHMOND ST EAST
SUITE 200
TORONTO ON M5C 1P1

Date: Dec 19, 2018

P.O. No. : West Red Lake Gold Mines Inc-Rowan Lake
Project No. : -
No. Of Samples : 74
Date Submitted : Dec 03, 2018
Report Comprises : Pages 1 to 3
(Inclusive of Cover Sheet)

Certified By :



Dennis Dykin

Acting Operations Manager

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Report File No.: 0000030131

Element Method Det.Lim. Units	WtKg	Au@	Au@
	G_WGH79	GE_FAA515	GE_FAA515
	0.01	0.005	5
	kg	g/t	ppb
798140	3.00	0.092	92
798141	3.09	0.025	25
798142	3.22	0.027	27
798143	2.23	0.022	22
798144	4.57	0.046	46
798145	2.57	0.062	62
798146	3.71	0.251	251
798147	3.39	0.108	108
798148	2.54	0.011	11
798149	2.93	0.078	78
798150	1.05	0.023	23
798151	2.80	0.050	50
798152	2.89	0.323	323
798153	2.78	0.031	31
798154	4.20	0.030	30
798155	5.31	0.006	6
798156	4.48	<0.005	<5
798157	2.93	0.006	6
798158	5.48	0.017	17
798159	3.62	0.010	10
798160	4.16	0.006	6
798161	3.40	<0.005	<5
798162	3.37	0.005	5
798163	3.13	0.022	22
798164	2.45	0.061	61
798165	3.27	0.017	17
798166	3.55	<0.005	<5
798167	1.16	0.032	32
798168	4.14	0.019	19
798169	4.80	<0.005	<5
798170	3.02	0.022	22
798171	3.20	0.336	336
798172	3.61	0.130	130
798173	3.73	0.026	26
798174	4.31	0.007	7
798175	2.17	0.008	8
798176	3.18	0.008	8
798177	4.46	0.044	44
798178	5.71	0.033	33
798179	5.47	0.144	144

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Report File No.: 0000030131

Element Method Det.Lim. Units	WtKg	Au@	Au@
	G_WGH79	GE_FAA515	GE_FAA515
	0.01	0.005	5
	kg	g/t	ppb
798180	4.73	0.180	180
798181	3.32	0.299	299
798182	6.25	0.448	448
798183	2.11	0.062	62
798184	0.08	7.600	7600
798185	2.73	0.025	25
798186	3.82	<0.005	<5
798187	3.29	0.036	36
798188	4.41	0.049	49
798189	2.42	0.018	18
798190	4.59	0.171	171
798191	5.55	0.109	109
798192	4.58	0.024	24
798193	3.48	0.149	149
798194	4.86	0.103	103
798195	5.00	0.061	61
798196	4.39	0.008	8
798197	4.93	0.007	7
798198	2.66	8.698	8698
798199	5.11	0.138	138
798200	1.88	0.084	84
798201	3.06	0.469	469
798202	3.48	0.129	129
798203	5.73	0.029	29
798204	5.12	0.013	13
798205	5.37	0.012	12
798206	3.47	0.022	22
798207	3.24	0.009	9
798208	2.85	0.147	147
798209	2.45	0.067	67
798210	3.14	0.114	114
798211	5.02	0.046	46
798212	4.76	0.043	43
798213	4.93	0.017	17
*Dup 798174	N.A.	0.005	5
*Dup 798209	N.A.	0.039	39
*Rep 798144		0.047	47
*Rep 798198		7.481	7481

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APPENDIX IV

Expenditure Summary

	Date	Num	Name	Memo	Debit
1500 · Assays and Sampling	04-26-2018	Inv#11146585	SGS Canada Inc	SGS Order No:976563 April 26,2018 Inv#11146585	4,871.80
	04-26-2018	Inv#11146610	SGS Canada Inc	SGS Order No:976584 April 26,2018 Inv#11146610	4,565.09
	05-31-2018	Inv#11154150	SGS Canada Inc	sgs Lab May 31,2018 John Kontak's expense report	3,254.70
	12-15-2018	Inv#11208310	SGS Canada Inc	Dec 2018 SGS invoices	22,800.00
Total 1500 · Assays and Sampling					35,491.59
1525 · Consulting	05-11-2018	18-01	John C. Archibald, P. Geo.	services for West Red Lake Gold Mines for consulting services on the Geolo	1,250.00
	01-31-2018	INV#WRLGM2018-01	Kenneth Guy	Geological services;	7,000.00
	03-31-2018	INV#WRLGM2018-02	Kenneth Guy	Geological services;	15,400.00
	04-30-2018	INV#WRLGM2018-03	Kenneth Guy	Geological services; April 01-30,2018. INV#WRLGM2018-03	10,500.00
	05-31-2018	INV#WRLGM2018-04	Kenneth Guy	Geological services; May 01-31,2018. INV#WRLGM2018-04	4,200.00
	11-15-2018	INV#WRLGM2018-05	Kenneth Guy	Geological services; Nov 01-15,2018. INV#WRLGM2018-05	5,600.00
	11-30-2018	INV#WRLGM2018-06	Kenneth Guy	Geological services; Nov 16-30, 2018;prepare and manage exploration drill p	9,100.00
	12-15-2018	INV#WRLGM2018-07	Kenneth Guy	Geological services; inv#WRLGM2018-07; Dec 01-15, 2018;prepare and ma	4,200.00
	04-15-2018	2018-03	Ron Fenlon GeoAnalytics Inc.	Geological services,Expences and Vehicle Usage April 2018	14,439.04
	04-30-2018	2018-04	Ron Fenlon GeoAnalytics Inc.	Geological services and Expences April 16-30, 2018	6,975.00
	05-31-2018	2018-04	Ron Fenlon GeoAnalytics Inc.	Geological services and Expences May 01-31, 2018	8,017.50
	07-31-2018	2018-04	Ron Fenlon GeoAnalytics Inc.	Geological services and Expences July 01-31, 2018	4,200.00
	12-16-2018	2018-07	Ron Fenlon GeoAnalytics Inc.	Geological services period ending Dec 15, 2018; INV#2018-07	3,400.00
Total 1525 · Consulting					94,281.54
1530 · Drilling	03-31-2018	23497	Chibougamau Diamond Drilling Ltd.	March 31, 2018	5,148.00
	03-31-2018	23498	Chibougamau Diamond Drilling Ltd.	March 31, 2018	7,363.71
	03-31-2018	23498	Chibougamau Diamond Drilling Ltd.	March 31, 2018	15,397.20
	03-31-2018	23496	Chibougamau Diamond Drilling Ltd.	March 31, 2018	102,853.05
	04-15-2018	23572	Chibougamau Diamond Drilling Ltd.	inv#23572. Company Time:For Core Orintation	10,315.25
	04-15-2018	23581	Chibougamau Diamond Drilling Ltd.	inv#23581.Hole# RL-18-55B & Hole#RL-18-55W1	33,527.70
	04-30-2018	23643	Chibougamau Diamond Drilling Ltd.	inv#23643 .Equipment Rental:reflex core orientation system	4,368.64
	04-30-2018	23642	Chibougamau Diamond Drilling Ltd.	inv#23642 Hole#RL-18-55W1	17,614.95
	05-15-2018	23691	Chibougamau Diamond Drilling Ltd.	inv#23691 Hole#RL-18-55W1	54,771.46
	05-15-2018	23692	Chibougamau Diamond Drilling Ltd.	inv#23692 working on the access road.	4,809.75
	05-15-2018	23693	Chibougamau Diamond Drilling Ltd.	inv#23693 Company Time:	7,538.42
	07-02-2018	23397	Chibougamau Diamond Drilling Ltd.	inv#23397 Mobilization of crew only Mar 15, 2018	18,260.90
	11-30-2018	24341	Chibougamau Diamond Drilling Ltd.	inv#24341Company Time, Hole#RLG-18-56 Nov 12-16, 2018	20,966.50
	11-30-2018	24342	Chibougamau Diamond Drilling Ltd.	inv#24342 Hole#RLG 18-56 and Hole#RLG 18-57 Nov 16-18, 2018	17,672.50
	11-30-2018	24343	Chibougamau Diamond Drilling Ltd.	inv#24343Company Time and Hole# RGL 18-58 Nov 18-21, 2018	18,107.90
	11-30-2018	24344	Chibougamau Diamond Drilling Ltd.	inv#24344 Hole \$# RLG 18-59 and Hole # RLG 18-60 Nov 22-23, 2018	29,949.80
	11-30-2018	24345	Chibougamau Diamond Drilling Ltd.	inv#24345 Hole # RLG 18-60,Hole # RLG 18-61 Nov 24-26, 2018	15,207.10

Transactions by Account

	Date	Num	Name	Memo	Debit
	11-30-2018	24346	Chibougamau Diamond Drilling Ltd.	inv#24346 Company Time and Hole # RLG 18-62 Nov 26-28, 2018	18,293.60
	11-30-2018	24347	Chibougamau Diamond Drilling Ltd.	inv#24347 Hole # RLG 18-63 Nov 29-Dec 02, 2018	22,823.66
Total 1530 - Drilling					424,990.09
1555 - Core Cutting/	04-01-2018	162372	BARRENS NORTHERN TRANS	BARRENS NORTHERN TRANS RED LAKE ON	1,680.00
Camp Costs/Supplie	10-29-2018	163246	BARRENS NORTHERN TRANS	BARRENS NORTHERN TRANS RED LAKE ON	1,920.00
	11-30-2018	Nov 23-30, 2018	Carole St. Louis	Geological services Nov 23-30, 2018	4,950.00
	12-03-2018	2	Carole St. Louis	Geological 3 Days@\$550.00/day=\$1650.00	1,650.00
	11-15-2018	4404	Douglas Ireland	core tech. Nov 13-15, 2018 daily rate @220.00	660.00
	11-30-2018	4444	Douglas Ireland	inv#4444 Core cutter Nov 16-30, 2018	3,300.00
	12-04-2018	4444-1	Douglas Ireland	Core Cutting Dec 01-4, 2018	880.00
	03-31-2018	Jan 13-Mar 15, 2018	Gerald Winterton	March 15; Mar 31, 2018	3,475.00
	03-31-2018	Mar 31, 2018	Gerald Winterton	March 15; Mar 31, 2018	5,600.00
	04-15-2018	Apr 15, 2018	Gerald Winterton	Services for April 1-15,2018	5,250.00
	04-30-2018	Apr 30, 2018	Gerald Winterton	Services for April 16-30,2018	5,250.00
	05-15-2018	May 15, 2018	Gerald Winterton	Services for May 1-15,2018	5,250.00
	06-04-2018	Jun 4, 2018	Gerald Winterton	Services for May 31 & Jun 04,2018	630.00
	08-07-2018	Aug 6, 2018	Gerald Winterton	Services for July 22,30 and August 06,2018	1,155.98
	11-30-2018	Nov 30, 2018	Gerald Winterton	Water Buffalo; Used refrigerator for camp; Truck registration	471.00
	11-30-2018	Nov 30, 2018	Gerald Winterton	Services for Nov 4-30, 2018	7,595.00
	12-05-2018	Dec 4, 2018	Gerald Winterton	Services for Dec 01-04, 2018	1,400.00
	03-15-2018	Mar 15, 2018	Helena C Strilchuk	Mar 2018	1,050.00
	03-31-2018	Mar 31, 2018	Helena C Strilchuk	Mar 2018	5,600.00
	04-15-2018	Apr 15, 2018	Helena C Strilchuk	cook and cleaner Apr 1-15,2018	5,250.00
	04-30-2018	Apr 30, 2018	Helena C Strilchuk	cook and clean April 30,2018	5,250.00
	05-11-2018	May 12, 2018	Helena C Strilchuk	cook and clean May 12,2018	4,200.00
	11-15-2018	Nov 15, 2018	Helena C Strilchuk	Cook, baker, cleaner, groceries 3@\$350.00	1,050.00
	11-30-2018	Nov 30, 2018	Helena C Strilchuk	Cook, breakfast, lunch, Nov 16-30, 2018	5,250.00
	12-03-2018	Dec 3, 2018	Helena C Strilchuk	Cook, breakfast, lunch, Dec supper, clean, 3days@\$350.00/day	1,050.00
	03-31-2018	Mar 01-31,2018 exp	Kenneth Guy	Mar 01-31,2018 exp	923.25
	04-30-2018	April 01-30,2018	Kenneth Guy	April 01-30,20 mileage 2275.00km@\$0.55/km=\$1251.25	1,251.25
	11-12-2018	Nov 01-15, 2018 exp	Kenneth Guy	Nov 01-15, 2018 exp ; Field and travel	1,385.89
	12-01-2018	Nov 15-30, 2018 exp	Kenneth Guy	Travel	1,355.75
	12-15-2018	Dec 01-15, 18 exp	Kenneth Guy	Dec 01-15, 2018 exp; Dec 01, 2018 field	1,182.50
	03-31-2018	105684	Red Lake Home Hardware	March 2018	166.43
	03-31-2018	105788	Red Lake Home Hardware	March 2018	372.86
	03-31-2018	105813	Red Lake Home Hardware	March 2018	71.78
	04-04-2018	106148	Red Lake Home Hardware	INV#106148	61.78

Transactions by Account

	Date	Num	Name	Memo	Debit
	04-16-2018	106295	Red Lake Home Hardware	INV#106295	371.87
	04-21-2018	106404	Red Lake Home Hardware	inv#106404	32.94
	04-27-2018	106530	Red Lake Home Hardware	inv#106530	255.21
	05-03-2018	106632	Red Lake Home Hardware	credit memo. inv#106632	-17.50
	05-03-2018	106630	Red Lake Home Hardware	inv#106630	265.67
	05-03-2018	106631	Red Lake Home Hardware	credit memo. inv#106631	-62.97
	05-08-2018	106721	Red Lake Home Hardware	inv#106721	32.97
	05-28-2018	ZY036	Red Lake Home Hardware	RED LAKE HOME HARDWARE RED LAKE ON	721.80
	07-23-2018	36800	Red Lake Home Hardware	inv#36800	55.11
	11-05-2018	38694	Red Lake Home Hardware	Inv#38694	513.88
	11-07-2018	38742	Red Lake Home Hardware	Inv#38742	105.97
	11-20-2018	38949	Red Lake Home Hardware	Inv#38949	55.83
	11-29-2018	39134	Red Lake Home Hardware	Inv#39134	40.95
	03-15-2018	March 2018	John Janovick	Mar 2018	1,610.00
	03-31-2018	March 31, 2018	John Janovick	Mar 2018	3,680.00
	04-15-2018	April 15, 2018	John Janovick	core-teching; Apr 1-15, 2018	3,450.00
	04-30-2018	April 30, 2018	John Janovick	core-teching;April 16,2018 @230.00 per day -April 30,2018 15days	3,450.00
	05-13-2018	May 13, 2018	John Janovick	Core-teching; May 1-13, 2018	2,990.00
	03-31-2018	ZY	John Kontak	Northern Gas	5,363.04
	02-01-2018	20756260	XploreNet	XPLORNET MARKHAM ON	94.98
	04-27-2018	21147086	XploreNet	XPLORNET MARKHAM ON	100.16
	05-28-2018	21515830	XploreNet	XPLORNET MARKHAM ON	114.20
	06-27-2018	21853872	XploreNet	XPLORNET MARKHAM ON	190.69
	07-27-2018	22228924	XploreNet	XPLORNET MARKHAM ON	105.26
	08-27-2018	22686107	XploreNet	XPLORNET MARKHAM ON	99.98
	09-28-2018	23068907	XploreNet	XPLORNET MARKHAM ON	99.98
	10-29-2018	23440380	XploreNet	XPLORNET MARKHAM ON	99.98
	12-27-2018	24220195	XploreNet	XPLORNET MARKHAM ON	99.98
	04-01-2018		TJ's Kwik Stop Inc.	ESSO HIGHWAY #105 & YONGERED LAKE ON	109.27
	04-27-2018		TJ's Kwik Stop Inc.	ESSO HIGHWAY #105 & YONGERED LAKE ON	576.46
	05-28-2018		TJ's Kwik Stop Inc.	ESSO HIGHWAY #105 & YONGERED LAKE ON	410.97
	06-27-2018		TJ's Kwik Stop Inc.	ESSO HIGHWAY #105 & YONGERED LAKE ON	325.18
	07-27-2018		TJ's Kwik Stop Inc.	ESSO HIGHWAY #105 & YONGERED LAKE ON	108.59
	08-27-2018		TJ's Kwik Stop Inc.	ESSO HIGHWAY #105 & YONGERED LAKE ON	88.04
	09-28-2018		TJ's Kwik Stop Inc.	ESSO HIGHWAY #105 & YONGERED LAKE ON	117.27
	12-21-2018		TJ's Kwik Stop Inc.	TJ's Kwik Stop Inc. Nov 2018 invoices	1,643.25
	04-27-2018		Red Lake IGA	IGA #5060 RED LAKE ON	5,167.84
	04-27-2018		Red Lake IGA	IGA #5060 RED LAKE ON	5,969.00

Transactions by Account

	Date	Num	Name	Memo	Debit
	05-28-2018		Red Lake IGA	IGA #5060 RED LAKE ON	3,864.14
	12-21-2018		Red Lake IGA	IGA Nov 03-20, 2018 invoices	4,337.97
	12-27-2018		Red Lake IGA	IGA	788.62
	04-01-2018		TRUNORTH PARTS AND SER	TRUNORTH PARTS AND SER BALMERTOWN ON	6,937.03
	04-27-2018		TRUNORTH PARTS AND SER	TRUNORTH PARTS AND SER BALMERTOWN ON	40.50
	04-27-2018		TRUNORTH PARTS AND SER	TRUNORTH PARTS AND SER BALMERTOWN ON	37.64
	04-27-2018		TRUNORTH PARTS AND SER	TRUNORTH PARTS AND SER BALMERTOWN ON	2,253.43
	04-27-2018		TRUNORTH PARTS AND SER	TRUNORTH PARTS AND SER BALMERTOWN ON	566.50
	03-12-2018		The Water Buffalo	THE WATER BUFFALO RED LAKE ON	57.36
	03-20-2018		The Water Buffalo	THE WATER BUFFALO RED LAKE ON	45.50
	04-27-2018		The Water Buffalo	THE WATER BUFFALO RED LAKE ON	39.00
	04-27-2018		The Water Buffalo	THE WATER BUFFALO RED LAKE ON	45.50
	04-16-2018		The Water Buffalo	THE WATER BUFFALO RED LAKE ON	19.50
	04-27-2018		The Water Buffalo	THE WATER BUFFALO RED LAKE ON	19.50
	05-28-2018		The Water Buffalo	THE WATER BUFFALO RED LAKE ON	56.50
	05-28-2018		The Water Buffalo	THE WATER BUFFALO RED LAKE ON	32.50
	11-27-2018		The Water Buffalo	THE WATER BUFFALO RED LAKE ON	45.50
	12-21-2018		The Water Buffalo	water buffalo	32.50
	03-31-2018		RBC VISA# 0150	Homehard ware; TJ Shop; IGA	5,469.42
	03-13-2018	180545	Morgan Fuels	MORGAN FUELS RED LAKE ON	4,227.43
	04-27-2018		Morgan Fuels	MORGAN FUELS RED LAKE ON	4,238.13
	04-27-2018		North Timber Mart	NORTHWEST TIM-BR MART RED LAKE ON	68.44
	05-28-2018	405I027374	Fountain Tire	FTN TIRE F405 RED LAKE ON	616.90
	12-21-2018		Cummins Western Canada	Cummis	498.92
	04-01-2018		Red Lake Marine Products Ltd.	RED LAKE MARINE PRODUCT RED LAKE ON	1,500.00
	04-27-2018		Red Lake Marine Products Ltd.	RED LAKE MARINE PRODUCT RED LAKE ON	39.98
	11-27-2018		Red Lake Marine Products Ltd.	RED LAKE MARINE PRODUCT RED LAKE ON	53.49
	08-27-2018		Red Lake Marine Products Ltd.	RED LAKE MARINE PRODUCT RED LAKE ON	464.49
	12-21-2018		Red Lake Marine Products Ltd.	red lake marine	479.70
Total 1555 - Core Cutting/					161,900.41
Camp Costs/Supplie					
TOTAL					716,663.63

APPENDIX V

Invoices

*** Withheld for confidentiality.***