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Ontario

2017 Diamond Drill Program
for the
Gullrock Property
Red Lake Mining Division
Northwestern Ontario

Alexandria Minerals Corp.

1952, 3e Ave.,
Val d'Or, Quebec J9P 7B2
Canada

Prepared by:
J. Garry Clark, P.Geo. and Brett Lapeare, MAusIMM
1000 Alloy Drive, Thunder Bay, ON, P7B 6A5
June, 2017

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1.0: Introduction

Alexandria Minerals Corporation (the Company) completed a limited diamond drill program (4 holes, totalling 1308 metres) to evaluate IP anomalies located on the Gullrock Property (Property). The program utilized a helicopter rig with the crews staying in Red Lake.

The Property is located in Willans Township (G-3237) in northwestern Ontario, in the Red Lake Mining Division, approximately 18 km east of Red Lake, Ontario (Figure 1). The Property consists of 9 claims totalling 10 units (1600 Ha).

The Property has seen minimal exploration over the years with limited diamond drilling being conducted on the current claim configuration. Notably, the Property hosts several untested I.P. anomalies which are overburden covered. These anomalies are characterised by moderate to high chargeability coincidental with areas of high resistivity. Alexandria believes that the I.P. signatures of these anomalies may represent mineralized porphyries or felsic intrusive units.

Alexandria consulted a geophysicist to determine exact drill hole locations and orientations for the drill program. Further exploration should include additional geophysical coverage and diamond drilling.

2.0: Property Description and Location

The Property is located in Willans Township in northwestern Ontario, in the Red Lake Mining Division, approximately 18 km east of Red Lake, Ontario (Figure 1). Access to the Property is via a series of logging roads that depart Ear falls to the northeast. The co-ordinates of the approximate centre of the Property are 51° 17' North latitude, 93° 33' west longitude, and in UTMs, 461438e and 5651463n, zone 15U.

The Property consists of 9 claims totalling 10 units (1600 Ha) as listed in Table 1, below (Figure 2). The claims are owned 100% by the Company.

Table 1. Gullrock Property Claims

PROPERTY	CLAIM	UNITS	DATE_REC	EXPIRY_DATE
GULLROCK	KRL4212692	4	2/5/2008	5/Feb/18
GULLROCK	KRL4212713	10	1/28/2008	28/Jan/18
GULLROCK	KRL4213349	12	2/12/2008	12/Feb/18
GULLROCK	KRL4214553	12	3/4/2009	4/Mar/18
GULLROCK	KRL4214554	15	3/4/2009	4/Mar/18
GULLROCK	KRL4229703	16	4/21/2008	21/Jul/17
GULLROCK	KRL4229704	6	4/21/2008	21/Jul/17
GULLROCK	KRL4241240	9	9/29/2008	29/Sep/17
GULLROCK	KRL4275848	16	9/5/2014	5/Sep/17
		100		

3.0: Accessibility, Climate, Local Resources, Infrastructure and Physiography

The Property is located in Willans Township in northwestern Ontario, in the Red Lake Mining Division, approximately 18 km east of Red Lake. The property can be accessed via a series of logging roads departing northeast from Ear Falls or alternatively by float plane or helicopter from Red Lake..

Red Lake is a long established gold mining town with a population of approximately 5,000, and full infrastructure consisting of road and air service, hydro, hospital services etc. It is also connected by highway to the Trans-Canada Highway at Vermillion Bay.

The climate in the region is described as mid latitude continental, with cold winters and warm summers. Temperatures can range from the -40°s Celsius in the winter to the +40°s in the summer, with snow cover between November and May. The best season for exploration is between June and October, although in lake covered or swampy areas exploration activities such as geophysical surveys and diamond drilling might best be conducted after winter freeze up.

The terrain in the area of the property is generally low to moderate relief, with the uplands consisting of rock hills and moraines and the lowlands being underlain by glaciofluvial deposits. The area lies in the boreal forest with typical tree species consisting of spruce, jack pine, balsam fir, white birch and local tamarack in low, wet areas.

Figure 1. Property Location Map

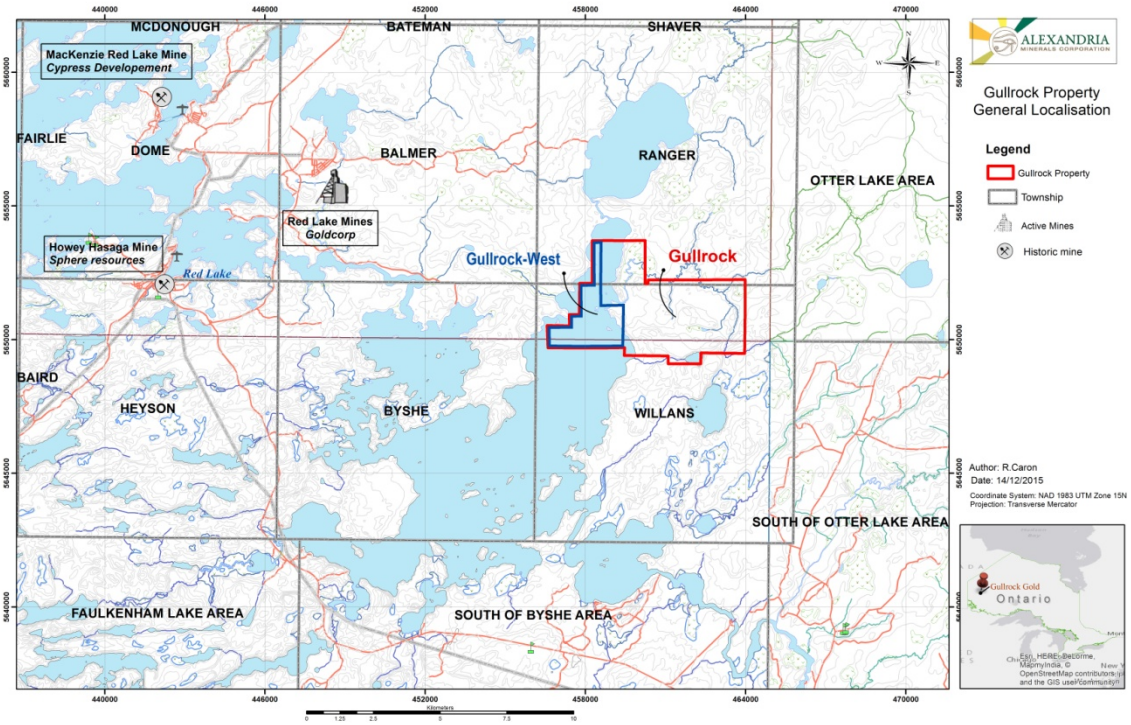
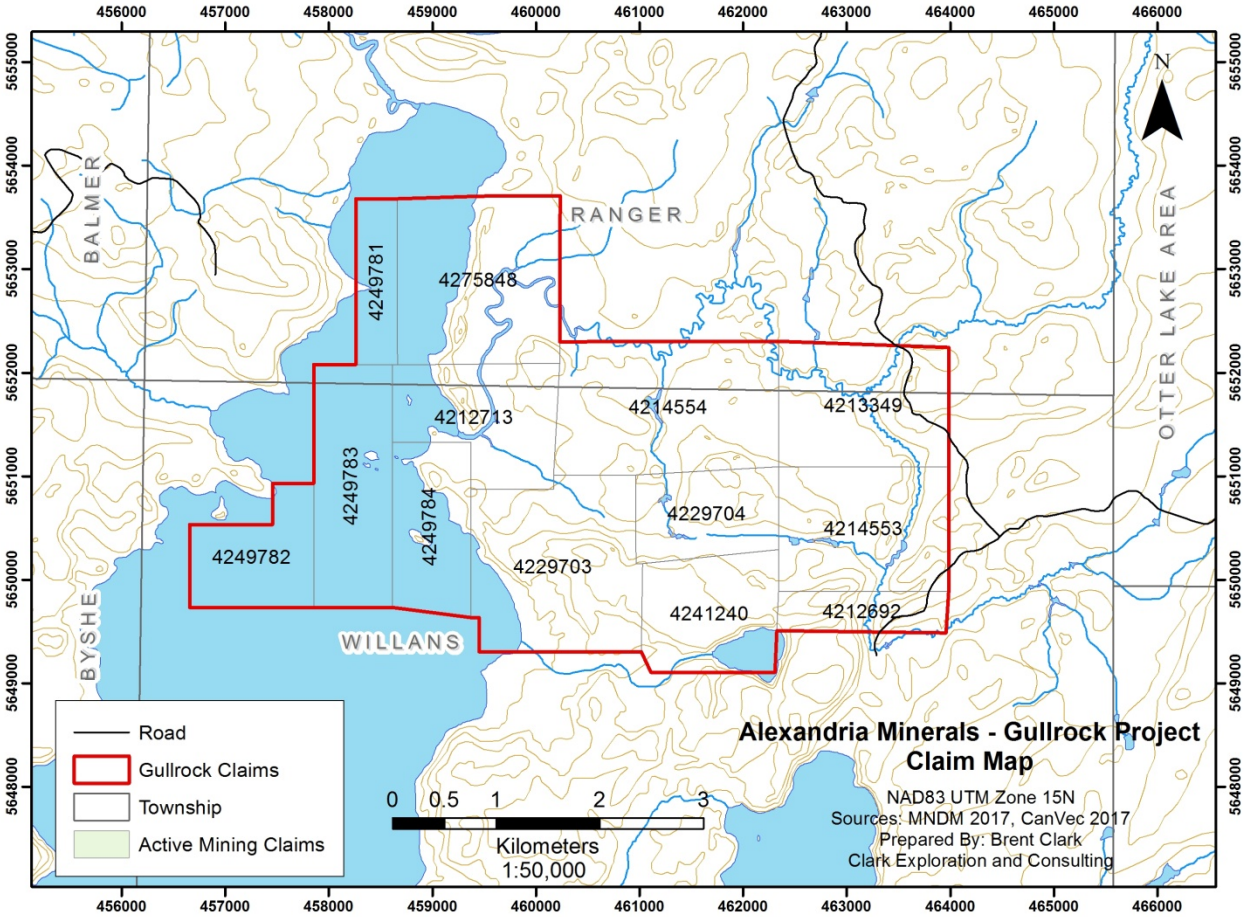


Figure 2. Property Claims



4.0: Property History

The Property has seen relatively little exploration over the years, with most of the work being geophysics, prospecting and drilling. Presumably the lack of work is due to the paucity of outcrop and previous poor access.

A summary of previous work on the present claim block is:

Dates	Work description	Results
1947-1997	▪ Airborne Electromag and Mag surveys ▪ Mag, EM and IP surveys ▪ Prospecting, line-cutting and sampling ▪ Soil sampling ▪ Drilling: 41 holes (4140 m)	
2000-2003	**Ansil Resources Ltd.** ▪ MMI soil geochemical survey	
2004	**Crossroads Explorations Inc.** ▪ Overburden drilling: 310 holes (1195 m)	
2004-2005	**Rupert Resources** ▪ Ground Mag survey ▪ Drilling: 2 holes (342 m)	
2010-2014	**Murgor** ▪ Airborne Mag and Electromag surveys ▪ IP survey, line-cutting, prospecting ▪ B-Horizon soil survey	▪ Geophysical anomalies matching soil sampling gold anomalous values.

5.0: Geological Setting

Regional and Property

The Property is situated in the northwestern portion of the Birch-Uchi greenstone belt of the western Wabigoon Subprovince of the Canadian Shield. The claim group is underlain by rocks of the Balmer Assemblage in the extreme southern portion of the property and the Narrow Lake Assemblage in the remaining portion of the property. The property consists predominantly of massive to pillowed, locally variolitic basaltic komatiite to basaltic flows. Minor interbedded clastic to possibly cherty sediments have also been noted as minor metre-scale to ten's of metre-scale banded units within the massive and pillowed flows. Locally these units are sulphidic and are associated with several AEM anomalies denoted by a government sponsored airborne magnetic/electromagnetic survey flown in 1991. These units have been extensively intruded by concordant to sub-concordant massive to weakly foliated, locally schistose gabbroic sills. Minor feldspar +/- quartz-phyric sills or dykes have also been noted in the central and southern portions of the property. All units are generally east-southeast to east trending with facing directions indicating tops to the north. Calkalkaline basaltic andesitic to rhyolitic fragmental units as well as minor tuffaceous siltstone and massive, fine to medium grained, locally moderately foliated and amphibolitized basaltic flows of the Balmer Assemblage have been noted in the extreme southern portion of the property.

Several south-southeast zones of high strain (shear zones) have been noted on the property. Weak to moderate carbonate, consisting of predominantly calcite and minor Fe-dolomite has been noted within the komatiitic, basaltic, and gabbroic rocks by drilling and mapping.

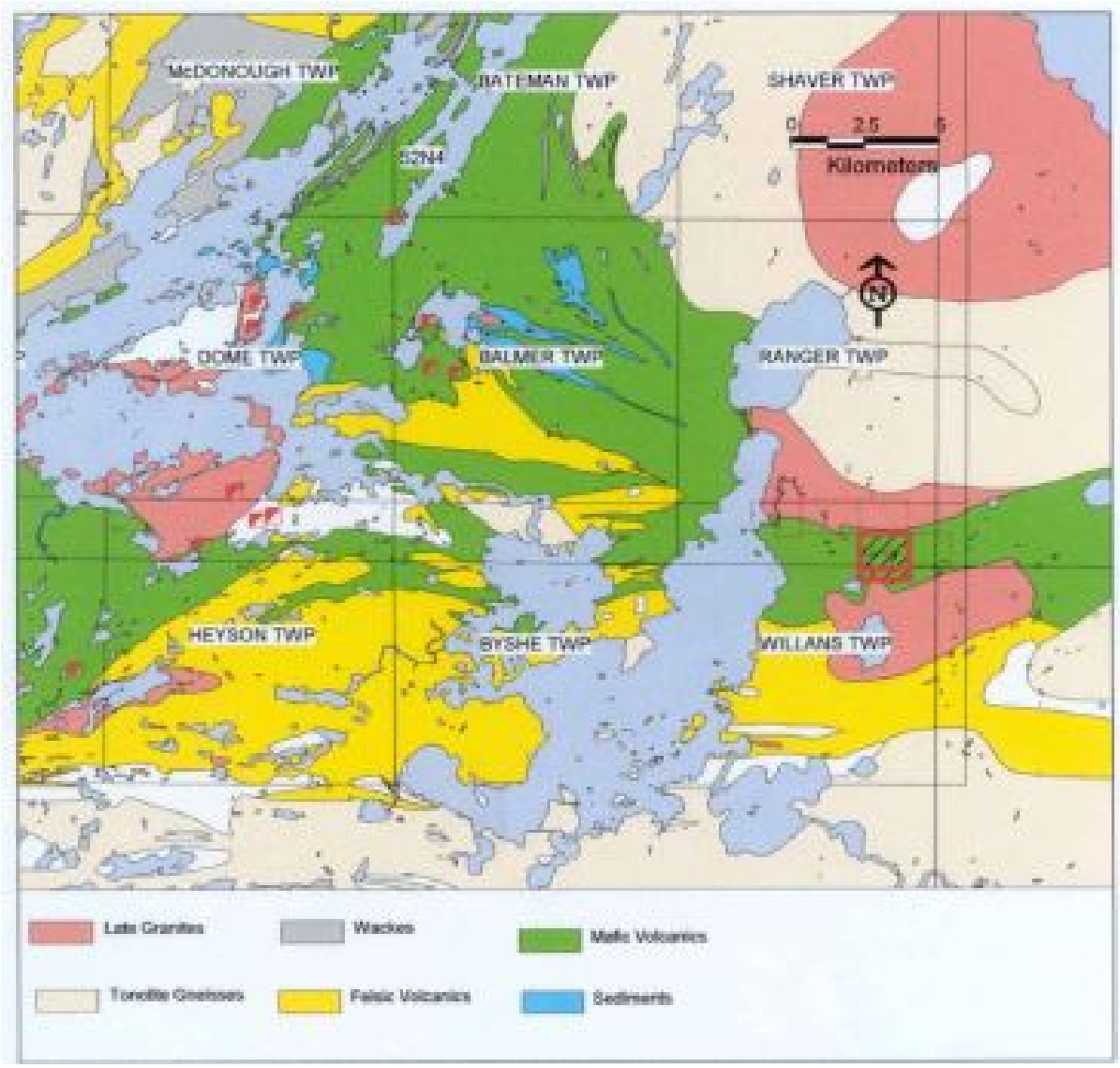
Project Target

Most of the known gold deposits in the red Lake camp are spatially related to the Balmer Assemblage rocks. The deposits occur in Archean ultramafic to metavolcanic rocks that are typically accompanied by metasedimentary rocks, quartz feldspar porphyries and ultramafic intrusive rocks. Almost all known deposits of this type are hosted within shear zones and are accompanied by quartz carbonate alteration.

The Gullrock Project has seen minimal exploration over the years with limited diamond drilling being conducted on the current claim configuration. Of particular interest, the Gullrock Property hosts several untested I.P. anomalies coincident to soil anomalies which are overburden covered. Each of these anomalies are characterised by moderate to high chargeability coincidental with areas of high

resistivity. The Company believes that the I.P. signatures of these anomalies may represent mineralized porphyries or felsic intrusive units.

Figure 3. Regional Geology
Modified from MRD 62, GSC, Open File D3751



6.0: 2017 Exploration Program

The Company completed a 4 hole 1308 metre diamond drill program. The program focused on targeting IP anomalies and arsenic-gold anomalies from soil sampling. The holes are illustrated the attached map (Figure 4)and sections with drill logs, samples and assay certificates. (Appendices).

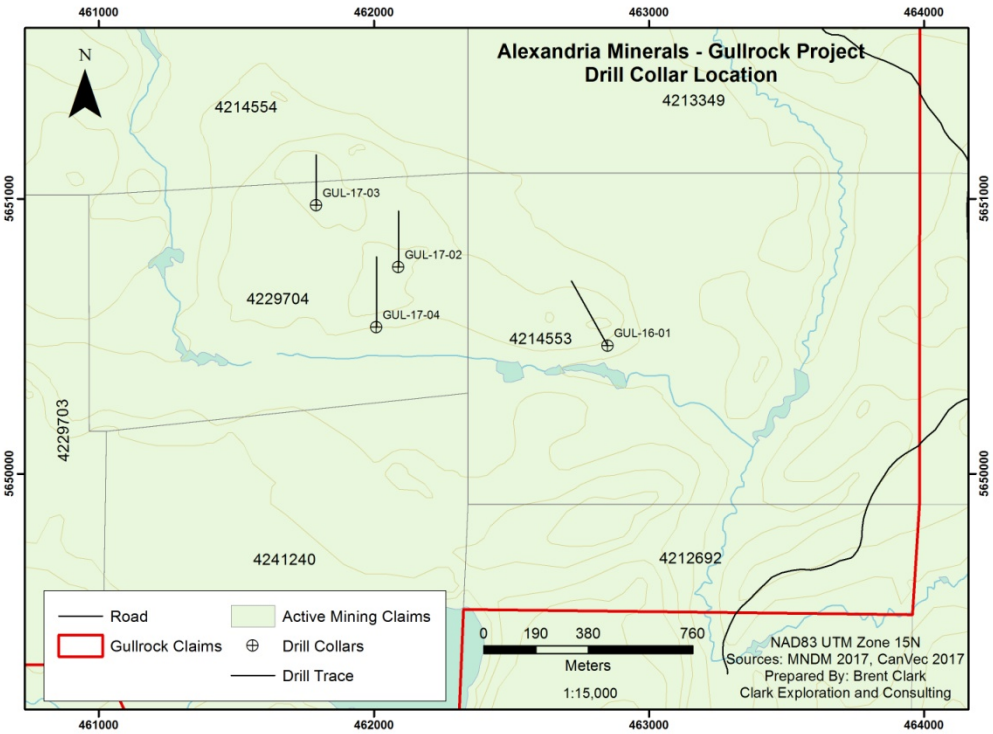


Figure 4. Drill Plan

The Program was executed from late March to late June 2017 with logging and sampling completed by Brett LaPeare MAusIMM and Craig Maitland. The core is presently stored at a secure facility in Thunder Bay.

Originally an aggressive sampling program was laid out in the field. A more cautious approach was executed and only parts of the holes were assayed for gold. A QA/QC program was applied to the drill samples and are presented in the drill logs. The lab QA/QC program was also relied on.

Gullrock Diamond Drillhole Summary

Hole Number	Location NAD 83-Zone 15	Azimuth / Dip	Depth (Metres)
GUL-17-01	462850E, 5650465N	300 / -45	381
GUL-17-02	462090E, 5650750N	0 / -45	291
GUL-17-03	461791E, 5650975N	0 / -45	261
GUL-17-04	462009E, 5650532N	0 / -45	375
Total			1308

7.0: Conclusions and Discussion

The diamond drilling failed to locate any economic mineralization but successfully defined interesting alteration and structure and did not test all the proposed targets.

8.0: Recommendations

The 2017 diamond drill program focused on one area that had indicated anomalous gold and arsenic in till associated to IP targets. A review of all the data needs to be completed using the information derived from this drill program.

Further exploration on the property should include compilation, geochemistry, detailed geological mapping and diamond drilling to evaluate the potential of gold mineralized structures.

9.0: References

Refer to assessment files archived with the Ontario Ministry of Northern Development and Mines on the MNDM website (www.geologyontario.mndm.gov.on.ca/).

Busch, D.J., 2004: Overburden Drilling, Gullrock Property, Red Lake Mining Division (Patricia Portion) for Crossroads Explorations Inc..

Cullen, D. and Clark, J.G. 2014: Technical Report on the Shabu River Property, Red Lake District, Northwestern ON., for Typhoon Resources Corp.

Parker, J.R. and Atkinson, B.T. 1992: Gold occurrences, prospects and past-producing mines of the Birch-Confederation Lakes area; Ontario Geological Survey, Open File Report 5835, 332p.

Pryslak, A.P., 1974: Shabameni River-Narrow Lake Area (North Western Part), District of Kenora (Patricia Portion); Ontario Div. Mines, Preliminary Map P-973. Geol. Ser. scale 1 inch to 1/4 mile. Geology 1972

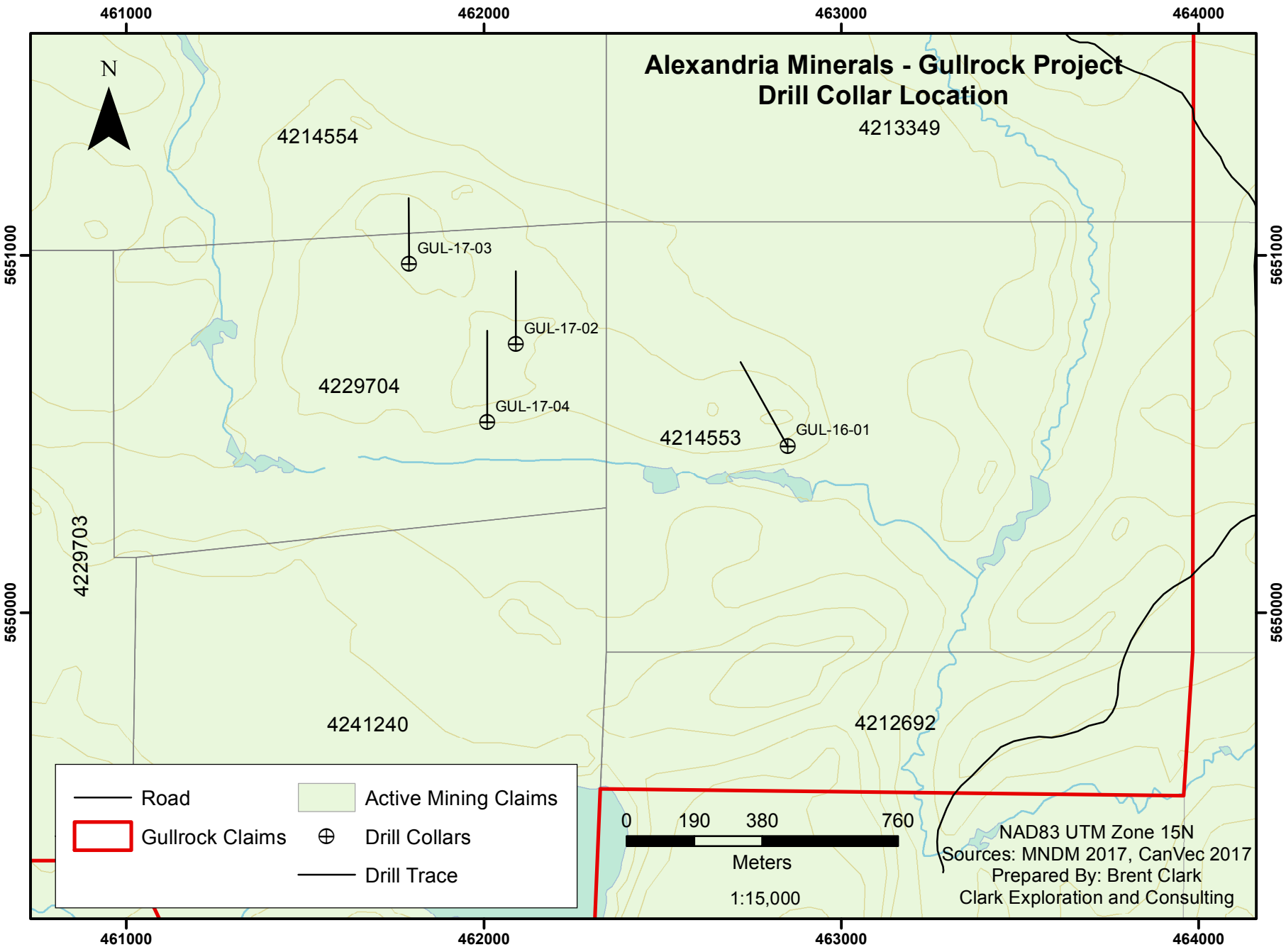
Pryslak, A.P., 1974: Shabameni River-Narrow Lake Area (North Western Part), District of Kenora (Patricia Portion); Ontario Div. Mines, Preliminary Map P-901. Geol. Ser. scale 1 inch to 1/4 mile. Geology 1972

Stott, G.M. and Corfu, F. 1992: Uchi Subprovince, Chapter 6 *in* Geology of Ontario, Special Volume 4, Part 1, pp. 145 – 238; Ontario Ministry of Northern Development and Mines.

Thurston, P.C. 1985: Physical Volcanology and Stratigraphy of the Confederation Lake Area, District of Kenora (Patricia Portion); Ontario Geological Survey, Report 236, 117p. Accompanied by Map 2498.

Wilton, D. 1998: Northern Miner – Geology 101 (various ore deposit models described on website www.northernminer.com).

Appendix I: Drill Logs


Alexandria Minerals - Gullrock Project
Drill Collar Location
N
461000
462000
463000
464000
5651000
5650000
4214554
4213349
4229704
4214553
4229703
4241240
4212692
GUL-17-03
GUL-17-02
GUL-17-04
GUL-16-01
Road
Gullrock Claims
Active Mining Claims
Drill Collars
Drill Trace
0
190
380
760
Meters
1:15,000
NAD83 UTM Zone 15N
Sources: MNDM 2017, CanVec 2017
Prepared By: Brent Clark
Clark Exploration and Consulting

DIAMOND DRILL CORE LOGGING SHEETS

CLARK EXPLORATION CONSULTING

PROPERTY: Gullrock	**LOCATION:**	**CLAIM NUMBER: 4214553**	**DOWNHOLE SURVEY: Reflex**
HOLE NO. GUL-17-01	**LENGTH:** 381m	**CORE SIZE:** NQ	
PROJECT NUMBER:	**NORTHING:**	**EASTING:**	
ELEVATION:	**UTM northing**: 5650465	**UTM easting:** 462850	
COLLAR ORIENTATION (AZIMUTH / DIP); PLANNED: (0, -45)		**SURVEYED:**	
EXPLORATION CO., OWNER OR OPTIONEE: Alexandria			
HOLE STARTED: 16-Mar-17	**HOLE FINISHED: 3/19/2017**	**DECLINATION:**	

DEPTH	DIP	DEPTH	DIP
15M		324M	333.2/-47.2
66M	324.2/-45.3	375M	335.2/-47.2
117M	327.7/-45.3		
171M	329.3/-45.5		
222M	332.0/-45.8		

DRILLING COMPANY: Chibougamou

REMARKS:

DATE LOGGED: 3/19/2017

LOGGED: Brett LaPeare **SIGNATURE:**

SHEET 1 **OF 5**

METERAGE FROM	METERAGE TO	ROCK TYPE	DESCRIPTION	SAMPLES No.	Alt No.	FROM	TO	LENGTH	ASSAYS Au ppm				
0.00	5.55	OB	Overburden										
5.55	81.40	Microgranite	Massive, fine to medium grained, dark pinkish brown Equigranular	36001		25.65	26.70	1.05					
			Trace disseminated pyrite locally										
			Strongly siliceous Apprx; 60% quartz + 30% kspar + 10% biotite	36002		36.95	38.00	1.05					
			Unit is x-cut by aplitic dykes (5cm - 1m) best developed at 27-38m with mod- high angle contacts										
			contacts										
81.40	115.85	Granodiorite	Massive, variable grain size: fine-med-coarse with coarse grained best developed in lower 4m										
			4 Metres	36003		87.40	88.40	1.00					
			Pervasive dark pink colour from kspar										
			Strongly siliceous	36004		100.25	101.25	1.00					
			Trace disseminated pyrite locally										
			One metased xenolith at 109.1-109.4m	36005		114.50	115.85	1.35					
115.85	135.00	Metaseds	Variable from massive to well bedded at 50-60 deg to C.A	36006		115.85	116.85	1.00					
			60% as dark grey/black, very fine grained agrillite	36007		116.85	118.35	1.50					
			40% as thinly bedded (<1-3cm) pale green silstone(?) beds hosted within agrillite	36008		118.35	119.85	1.50					
			At 131.7-133.6m; medium grained granodirite with pervasive kspar alt'n with high angle contacts	36011		121.25	122.80	1.55					
			At 119.7-119.9m; strongly deformed barren qtz stringers - no other veining is present	36012		122.80	124.20	1.40					
				36013		124.20	125.45	1.25					
				36014		125.45	127.00	1.55					
				36015		127.00	128.35	1.35					
				36016		128.35	129.85	1.50					
				36017		129.85	131.00	1.15					
				36018		131.00	131.70	0.70					
				36019		131.70	132.45	0.75					
				36021		132.45	133.60	1.15					
				36022		133.60	135.00	1.40					

DIAMOND DRILL CORE LOGGING SHEETS

CLARK EXPLORATION CONSULTING

PROPERTY GULLROCK **HOLE #** GUL-17-01

LOGGED BY: Brett LaPeare **SIGNATURE**

METERAGE FROM	METERAGE TO	ROCK TYPE	DESCRIPTION	SAMPLES No.	Alt No.	FROM	TO	LENGTH	ASSAYS Au ppm					
135.00	137.60	Granodiorite	Medium gr, massive, equigranular	36023		135.00	136.50	1.50						
			visible	36024		136.50	137.60	1.10						
			more visable											
137.60	157.25	Metaseds	Similar to 115.85-135.00m but well bedded throughout	36025	K017851	137.60	138.65	1.05	-0.005					
			below is 75-90 deg	36026	K017852	138.65	139.85	1.20	-0.005					
			60% of unit = very fine gr agrillite; 40% = pale green, sericitic siltstone	36027		139.85	139.85	1.45						
			At 138.00m; a 1cm wide bed with well developed po + cpy (no other sulphides	36028		141.30	142.45	1.15						
			sulfides observed)	36029		142.45	144.00	1.55						
			bedding planes	36031		144.00	145.00	1.00						
			with bedding planes	36032		145.00	152.30	1.25						
			kspar vein at 154.00m	36033		152.30	153.85	1.55						
			^ kspar	36034		153.85	154.35	0.50						
				36035		154.35	155.55	1.20						
157.25	163.20	Granodiorite	Massive, medium gr, equigranular - same as 81.40-115.85cm											
163.20	167.05	Metaseds	siltstone beds											
			no siltstone beds											
			Upper beds at 60 eg											
167.05	177.70	Granodiorite	Same as upper granodiorite units but locally x-cut/overprinted but aplitic dykes/alt'n	36036		174.90	176.00	1.10						
			Local thin widths of coarse qtz + kspar (same as at 154.00m)											
177.70	183.85	Metaseds	Local xenoliths of metaseds	36037		183.00	183.85	0.85						
			Similar to above units but pale green sercitic siltstone beds > agrillte											
			Bedding at 30-40deg throughout											
			At 178.60-179.20m: granitoid dyke											
			Locally the siltstone beds exhibit kspar alt'n along with sericite											
			At 181.50-181.80m; diorite dyke (NOT granodiorite - see description below)											
				36038		183.85	184.80	0.95						
183.85	185.25	Diorite	Med gr, massive, dark speckled grey from disseminted mafic grains	36039		184.80	185.45	0.65						
			15% of unit = <1mm anhedral disseminated plag											

log #

DIAMOND DRILL CORE LOGGING SHEETS

CLARK EXPLORATION CONSULTING

PROPERTY GULLROCK **HOLE #** GUL-17-01

LOGGED BY: Brett LaPeare **SIGNATURE**

METERAGE FROM	METERAGE TO	ROCK TYPE	DESCRIPTION	SAMPLES No.	Alt No.	FROM	TO	LENGTH	Au ppm					ASSAYS
185.25	189.70	Metaseds	Same as 177.70-183.85m including local kspar alt'n of siltstone beds	36041		188.60	189.70	1.10						
			Bedding at 35-45 deg											
189.70	190.50	Aplite (?)	Mostly aphanitic dull reddish pink	36042		189.70	190.50	0.80						
			locally in unit at 167.05-177.00)											
			locally in unit at 167.05-177.0											
190.50	194.60	Metaseds	Same/similar to upper units but bedding decreases to 20-30 deg	36043		190.50	193.50	1.15						
				36044		193.50	194.60	1.10						
194.60	195.20	Granodiorite	Massive, strongly selaceous	36045		194.60	195.20	0.60						
			NO kspar alt'n - plag readily visible											
195.20	201.00	Metaseds	Same as 190.50-194.60	36046		195.20	200.00	1.05						
				36047		200.00	201.00	1.00						
201.00	203.10	Diorite	to >/= 2mm	36048		201.00	202.00	1.00						
			subhedral/euhedral laths	36049		202.00	203.10	1.10						
			subhedral - euhedral laths											
			Kspar wallrock alt'n of local fractures +/- very fine gr py on fractures											
				36051		203.10	204.10	1.00						
203.10	222.00	Metaseds	lower 3m of unit											
			in lower 3 metres											
222.00	223.75	Granodiorite	Similar to above units; kspar alt'n pervasive thru out											
223.75	225.90	Metaseds	Very fine gr, dk grey/black argillite ~ 70%;											
			Pale green sericitic beds are sinuous/discontinuous from deformation; at 15-20 deg											
			to 20 deg. Minor qtz infill in local sericitic beds											
				36052		225.90	227.60	1.70						
225.90	231.15	Granodiorite	alt'n											
			sercitic alt'n											
			Alt'n is roughly banded parallel with bedding in upper metaseds											
			Plag slightly more evident in lower metre	36053		246.15	247.40	1.25						
231.15	281.35	Metaseds	Agrillite/siltstone roughly at 50:50											
			deg, increasing to 45 deg over lower 10m	36054		267.80	268.80	1.00						
			to 30 deg											
			226.10 - 231.15m)											
			Local kspar alt'd granodiorite between 268.00 - 276.00m											

DIAMOND DRILL CORE LOGGING SHEETS

CLARK EXPLORATION CONSULTING

PROPERTY GULLROCK **HOLE #** GUL-17-01

LOGGED BY: Brett LaPeare **SIGNATURE**

METERAGE FROM	METERAGE TO	ROCK TYPE	DESCRIPTION	SAMPLES No.	Alt No.	FROM	TO	LENGTH	ASSAYS Au ppm					
281.35	288.70	Granodiorite	Massive, med gr, equigranular											
			Basically same as 226.10 - 231.15m but weaker alt'n											
			Local metased at 284.00 - 285.30m											
288.70	299.85	Metaseds	As above metaseds											
			Planar bedding throughout at 40-50 deg											
299.85	302.65	Granodiorite	coarse qtz + kspar (see 167.00 - 177.00m)	36055		299.75	300.80	1.05						
				36056		300.80	301.65	0.85						
302.65	316.10	Metaseds	Agrillite dominant in upper 4m	36058		302.65	303.65	1.00						
			Bedding at 45-55 deg	36059		303.65	304.80	1.15						
			Thin granodiorite dyke x-cut unit locally	36061		312.85	313.50	0.65						
			veinlet x-cuts granodiorite	36062		313.50	314.60	1.10						
			coarse qtz And feldspar	36063		314.60	316.10	1.50						
316.10	322.25	Granodiorite	Mostly light pale grey	36064		316.10	317.30	1.20						
			fine grained (aplitic)	36065		317.30	318.30	1.00						
			partially fine grained	36066		318.30	319.75	1.45						
			With secondary kspar alt'n/overprinting	36067		319.75	321.25	1.50						
				36068		321.25	323.75	1.00						
322.25	346.60	Metaseds	339.00m with no sericitic (siltstone) beds	36069		323.75	324.90	1.15						
			at 334.50- 339.0 with no sericitic beds	36071		324.90	339.00	1.10						
			Where bedded = 50-60 deg	36072		339.00	340.25	1.25						
			Local coarse qtz + kspar (<30cm) intercepts with conatcts parallel with bedding	36073	K017853	340.25	341.25	1.00	-0.005					
			Rare qtz infill at 341.35-341.50m (15cm) w/ py+po+cpy	36074	K017854	341.25	341.75	0.50	-0.005					
				36075	K017855	341.75	342.60	0.85	-0.005					
				36076		342.60	343.75	1.15						
				36077		343.75	344.55	0.80						
				36078		344.55	345.60	1.05						
				36079		345.60	346.60	1.00						
346.60	348.80	Granodiorite (?)	Intrusive texture mostly destroyed; possibly microgranite	36081		346.60	347.80	1.20						
			Majority of unit is very fine grained/aphanitic, dull pink	36082		347.80	348.80	1.00						
			Locally distinctive coarse qtz (megacrystic?) with kspar alt'n at 348.55m											

DIAMOND DRILL CORE LOGGING SHEETS

CLARK EXPLORATION CONSULTING

PROPERTY GULLROCK **HOLE #** GUL-17-01

LOGGED BY: Brett LaPeare **SIGNATURE**

METERAGE FROM	METERAGE TO	ROCK TYPE	DESCRIPTION	SAMPLES No.	Alt No.	FROM	TO	LENGTH	ASSAYS Au ppm					
348.80	355.55	Metaseds	Consistent bedding thru out at 60 deg	36083		348.80	350.00	1.20						
			At 351.10-351.80m; med/fine gr intrusive - appaers to be diorite/qtz diorite w/ diffuse	36084	K017856	350.00	351.15	1.15	-0.005					
			At 353.00m; 1cm bed w/ po+py - also weakly disseminated over 25cm above and	36085	K017857	351.15	351.80	0.65	-0.005					
			and below bed	36086	K017858	351.80	352.80	1.00	-0.005					
			Rare barren qtz veinlets parallel w/ bedding, <1cm wide	36087	K017859	352.80	353.20	0.40	-0.005					
				36088	K017860	353.20	354.00	0.80	-0.005					
				36089		354.00	354.65	0.65						
				36091		354.65	355.55	0.90						
355.55	360.95	Microgranite	Massive, equigranular med/fine gr, reddish brown	36092		355.55	357.00	1.45						
			Similar/same to unit at 5.55-81.40m	36093		357.00	358.05	1.05						
			Rare aplite vein at 359.75m	36034		358.05	358.95	0.90						
			Locally moderately magnetic (359.75-360.45m) where unit is more dark brown - not	36095		358.95	359.80	0.85						
			probably fine magnetite	36096		359.80	360.50	0.70						
				36097		360.50	360.95	0.45						
360.95	363.00	Metaseds	Consistent bedding throughout at >70deg	36098		360.95	362.00	1.05						
				36099		362.00	363.00	1.00						
363.00	365.00	Granodiorite (?)	Same as 346.60-348.80m; possibly microgranite	36101		363.00	363.80	0.80						
				36102	K017861	363.80	365.00	1.20	-0.005					
365.00	368.75	Metaseds	Consistent bedding thru out at 60-70 deg	36103	K017862	365.00	365.75	0.75	-0.005					
			At 368.55m; pale green sericitic bed with kspar alt'n	36104	K017863	365.75	366.55	0.80	-0.005					
			Local qtz veinlets +/- trace py x-cut bedding	36105	K017864	366.55	367.55	1.00	-0.005					
			At 365.75-366.55m; up to 5% po +/- py within local sercitic beds	36106	K017865	367.55	368.75	1.20	-0.005					
			NOTE: magnetic response shows po only in sericitic beds and NOT argillic beds which											
			beds											
368.75	381.00	Microgranite	Similar/same to 5.55-81.40m	36107	K017866	368.75	369.95	1.20	-0.005					
				STAN	K017867				2.27					
			Locally x-cut by brownish pink aplite from 1 - 40cm; roughly 7% of unit	36108		369.95	371.15	1.20						
			Unit is moderately magnetic thru out (but not aplite); as noted at 359.75-360.45m	36109		371.15	372.60	1.45						
			360.45m neither magnetite and/or po observed with lens	36111		372.60	373.40	0.80						
			But most likely magnetite	36112		373.40	374.40	1.00						
	381.00			36113		374.40	375.80	1.40						
			EOH	36114		375.80	377.35	1.55						
				36115		377.35	378.80	1.45						
				36116		378.80	380.50	1.25						
				36117		380.05	381.00	0.95						

DIAMOND DRILL CORE LOGGING SHEETS

CLARK EXPLORATION CONSULTING

PROPERTY: Gullrock	**LOCATION:**	**CLAIM NUMBER: 4229704**	**DOWNHOLE SURVEY: Reflex**		**DRILLING COMPANY: Chibougamou**
HOLE NO. GUL-17-02	**LENGTH:** 291m	**CORE SIZE:** NQ	**DEPTH** **DIP**	**DEPTH** **DIP**	**REMARKS:**
PROJECT NUMBER:	**NORTHING:**	**EASTING:**	24M 357.5/-45.2	288M 0.8/-43.0	
ELEVATION:	**UTM northing**: 5650750	**UTM easting:** 462090	75M 0.7/-44.5		**DATE LOGGED: 3/23/2017**
COLLAR ORIENTATION (AZIMUTH / DIP); PLANNED: (0, -45)		**SURVEYED:**	126M 0.9/-43.7		**LOGGED: Brett LaPeare** **SIGNATURE:**
EXPLORATION CO., OWNER OR OPTIONEE: Alexandria			183M 1.8/-43.7		
HOLE STARTED: 20-Mar-17	**HOLE FINISHED: 3/22/2017**	**DECLINATION:**	234M 357.9/-42.8		**SHEET** 1 of 6

METERAGE		ROCK	DESCRIPTION	SAMPLES					ASSAYS				
FROM	TO	TYPE		No.	Alt No.	FROM	TO	LENGTH	Au ppm				
0.00	11.10	OB	Overburden	36118		13.30	14.45	1.15					
				36119		19.50	20.40	0.90					
11.10	25.95	Metaseds	70% as dk grey/black, very fine grained argillite; 30% as pale green, fine gr, sericitic (siltstone)	36121		20.40	21.55	1.15					
			thin (<1-3cm) beds at 70-80	36122		21.55	22.40	0.85					
			At 13.75m; a 10cm granodiorite(?) dyke - siliceous and no kspar	36123		22.40	23.35	0.95					
			At 19.95 and 23.15m; 2 qtz veinlets, 4cm wide w/ both x-cutting bedding at various angles	36124		23.35	24.40	1.05					
				36125		24.40	25.20	0.80					
				36126		25.20	25.95	0.75					
25.95	29.55	Diorite (?)	Massive, med gr, equigranular	36127		25.95	27.20	1.25					
			Speckled texture with mafic grains in lite grey moderately siliceous matrix	36128		27.20	28.40	1.20					
			Upper 50cm exhibits kspar alt'n/overprinting	36129	K017868	28.40	29.55	1.15	-0.005				
			20cm at lower contact is infilled with coarse qtz infill + kspar alt'n w/ 3% py										
29.50	39.40	Metaseds	Upper 5m is well bedded w/ sericitic beds within argillite	36131	K017869	29.55	30.00	0.45	0.066				
			Remaining 10m is argillite dominant with only very rare sericitic beds	36132	K017870	30.00	31.00	1.00	-0.005				
			At 29.85-30.00m; <= 7% disseminated pyrite and trace po in argillite	36133		31.00	31.95	0.95					
			At 32.60m; qtz infill w/ well developed sericitic alt'n	36134		31.95	33.00	1.05					
				36135		33.00	34.00	1.00					
				36136		34.00	35.00	1.00					
				36137		35.00	36.00	1.00					
				36138		36.00	36.95	0.95					
				36139		36.95	37.80	0.85					
				36141		37.80	38.55	0.75					
				36142		38.55	39.40	0.85					
39.40	41.45	Granodiorite	NOT the same as 26.00-29.50m	36143		39.40	40.40	1.00					
			Medium gr, massive, equigranular, strongly siliceous	36144		40.40	41.45	1.05					
			Weak but semi-pervasive kspar alt'n/overprinting										
			Irregular upper contact with coarse qtz infill around and argillite xenolith w/ 5% disseminated py										
			py										

log #

DIAMOND DRILL CORE LOGGING SHEETS

CLARK EXPLORATION CONSULTING

PROPERTY GULLROCK **HOLE #** GUL-17-02

LOGGED BY: Brett LaPeare **SIGNATURE**

METERAGE FROM	METERAGE TO	ROCK TYPE	DESCRIPTION	SAMPLES No.	Alt No.	FROM	TO	LENGTH	ASSAYS Au ppm					
41.45	47.95	Metaseds	Argillite dominant (~60%) but sericitic beds occur thru out at 60-70 deg;	36145		41.45	42.55	1.10						
			same/similar to 29.50-39.40m	36146	K017871	42.55	43.60	1.05	0.005					
			Local sericitic beds exhibit kspar alt'n +/- qtz infill	36147	K017872	43.60	44.50	0.90	0.013					
			At 43.60-44.50m; <5% py+po as wispy grains within and parallel to w/ bedding	36148	K017873	44.50	45.40	0.90	0.024					
			bedding	36149		45.40	46.40	1.00						
			At 44.15m; 3cm qtz veinlet	36151		46.40	47.95	1.55						
				36152		47.95	49.05	1.10						
48.00	54.70	Granodiorite	Same/similar to 39.40-41.50m	36153		49.05	50.25	1.20						
			Strongly siliceous in upper half - slightly less in lower half	36154		50.25	51.20	0.95						
			At 50.80m; one smoky grey, translucent 1cm qtz veinlet	36155		51.20	52.05	0.85						
				36156		52.05	53.15	1.10						
				36157		53.15	53.85	0.70						
				36158		53.85	54.70	0.85						
				36159		54.70	55.70	1.00						
54.70	59.20	Metaseds	Similar/same as above sed units but bedding decreases to 0-30 deg	36161	K017874	55.70	56.55	0.85	-0.005					
			At 56.55-57.70m; 3% py+po as wispy, fine gr within and parallel to bedding	36162	K017875	56.55	57.70	1.15	-0.005					
			planes	36163	K017876	57.70	58.30	0.60	-0.005					
				36164		58.30	59.20	0.90						
				36165		59.20	59.90	0.70						
59.20	72.15	Granodiorite	Massive, med gr, equigranular - homogeneous texture thru out	36166		70.90	72.15	1.25						
			|Variable weak/moderate kspar alt'n/overprinting											
				36167		72.15	73.05	0.90						
72.15	89.75	Metaseds	Argillite dominant but locally well bedded w/ thin (<2cm) sericitic beds	36168		73.05	73.65	0.60						
			3% disseminated, fine gr py within argillte dominant sections best developed	36169		73.65	74.60	0.95						
			at 76.80-77.40m	36171		74.60	75.40	0.80						
			Granodiorite AND aplite x-cuts locally in upper half of unit from <10-90cm wide;	36172	K017877	75.40	76.70	1.30	-0.005					
			at 82.35 m	36173	K017878	76.70	77.45	0.75	0.026					
				36174	K017879	77.45	78.35	0.90	0.007					
				STAN	K017880				2.21					
				36175		78.35	79.25	0.90						
				36176		79.25	80.15	0.90						
				36177		80.15	80.70	0.55						
				36178		80.70	81.85	1.15						
				36179		81.85	82.65	0.80						

log #

DIAMOND DRILL CORE LOGGING SHEETS

CLARK EXPLORATION CONSULTING

PROPERTY GULLROCK **HOLE #** GUL--17-02

LOGGED BY: Brett LaPeare **SIGNATURE**

METERAGE FROM	METERAGE TO	ROCK TYPE	DESCRIPTION	SAMPLES No.	Alt No.	FROM	TO	LENGTH	ASSAYS Au ppm					
				36181		82.65	83.60	0.95						
				36182		83.60	84.60	1.00						
				36189		84.60	85.55	0.95						
				36184		85.55	86.70	1.15						
				36185		86.70	87.60	0.90						
				36186		87.60	88.55	0.95						
				36187		88.55	89.75	1.20						
89.75	95.20	Intercalated Zone	Ganodiorite/diorite/metsaseds											
			Granodiorite; typical kspar alt'n	36188		89.75	90.70	0.95						
			Diorite; NO kspar alt'n but locally strongly silicified/qtz flooded (91.25-91.50m)	36189		90.70	91.60	0.90						
			Bedding within seds at 50-60 deg but beds (and local intrusive contacts) are	36191		91.60	92.65	1.05						
			commonly deformed w/ beds mostly discontinuous	36192		92.65	93.65	1.00						
			at 94.25 and 94.50m; two barren qtz veinlets	36193		93.65	94.35	0.70						
				36194		94.35	95.20	0.85						
94.90	99.00	Grandiorite	As above units but with patchy/weak kspar alt'n/overprinting decreasing dh and	36195		95.20	96.00	0.80						
			absent in lower metre	36196		96.00	97.00	1.00						
			Upper contact is very fine gr/aphanitic, pale pink and qtz rich	36197		97.00	98.10	1.10						
				36198		98.10	99.00	0.90						
99.00	101.70	Metaseds	Argillite dominant but weakly bedded thru out at 70-80 deg	36199		99.00	100.00	1.00						
			Rare qtz stringers <1cm and parallel with bedding	36201		100.00	101.10	1.10						
				36202		101.10	101.70	0.60						
101.70	103.10	Granodiorite	Same as 94.90-99.00m	36203		101.70	102.25	0.55						
			Lower contact is aplitic w/ sharp front at 102.85m	36204		102.25	103.10	0.85						
			Separate dyke OR alt'n front											
103.10	109.10	Metasediments	Argillite dominant but sercitic beds thru out at ~20% of unit at 70-80 deg	36205		103.10	104.00	0.90						
			Beds are mostly 1-3cm but locally up to 15cm (see 108.55m) w/ bands of	36206		104.00	105.00	1.00						
			kspar alt'n within and parallel w/ bedding	36207		105.00	105.90	0.90						
			At lower contact for 20cm exhibits carb+qtz veinlets w/ patchy hematite(?)	36208		105.90	106.75	0.85						
				36209		106.75	107.55	0.80						
				36211		107.55	108.45	0.90						
				36212		108.45	109.10	0.65						

DIAMOND DRILL CORE LOGGING SHEETS

CLARK EXPLORATION CONSULTING

PROPERTY GULLROCK **HOLE #** GUL-17-02

LOGGED BY: Brett LaPeare **SIGNATURE**

METERAGE FROM	METERAGE TO	ROCK TYPE	DESCRIPTION	SAMPLES No.	Alt No.	FROM	TO	LENGTH	Au ppm	ASSAYS				
109.10	117.85	Microgranite	This may be an strongly and prevasive kspar alt'd/overprinted granodiorite	36213		109.10	109.95	0.85						
			BUT slightly finer gr size, consistent texture, dark pinkish brown suggests it is	36214		109.95	111.00	1.05						
			more likely a microgranite as logged in GUL-16-01	36215		111.00	111.95	0.95						
			Also no plag visible as it is in granodiorites even where overprinted	36216		111.95	113.00	1.05						
			At 116.60m; local coarse qtz/kspar infill over 5cm w/ patchy py	36217	K017881	113.00	114.00	1.00	-0.005					
			At 114.30 and 117.10m; two qtz veinlets are very dark smoky translucent grey	36218	K017882	114.00	114.90	0.90	-0.005					
			grey with patchy py on selvage	36219	K017884	114.90	115.90	1.00	-0.005					
				36221	K017885	115.90	116.80	0.90	-0.005					
				36222	K017886	116.80	117.85	1.05	-0.005					
117.85	119.65	Metaseds	Mostly weakly bedded argllite but w/ sericitic beds (<3cm) in lower 40cm of unit;	36223		117.85	119.65	1.80						
			unit											
119.65	122.70	Microgranite	Upper 2/3 of unit same/similar to 108.90-117.80m	36224		119.65	120.65	1.00						
			Where x-cut by qtz stringers shows well developed kspar wallrock alt'n up to	36225		120.65	121.90	1.25						
			1cm wide	36226	K017887	121.90	122.70	0.80	-0.005					
			qtz+kspar especially proximal to lower contact											
			coarse qtz and kspar near lower contact	36227	K017888	122.70	123.90	1.20	-0.005					
122.70	127.20	Metasediments	mostly weakly bedded argillite w/ 15% as sericitic beds +/- kspar alt'n; bedding at 50	36228	K017889	123.90	124.65	0.75	-0.005					
			2% py +/- po occurs locally thru out as disseminated along bedding planes - very	36229	K017890	124.65	125.60	0.95	-0.005					
			intermittment	36231	K017891	125.60	126.30	0.70	-0.005					
				36232	K017892	126.30	127.20	0.90	-0.005					
127.20	131.60	Granodiorite	Majority of unit exhibits pale pink kspar alt'n/overprinting	36233	K017893	127.20	128.30	1.10	-0.005					
			One very sharp alt'n front at 130.20m extending to lower contact and	36234		128.30	129.60	1.30						
			masks/destroys protolith texture	36235		129.60	130.10	0.50						
			At 129.60-130.20m; dull grey - no kspar alt'n	36236		130.10	130.65	0.55						
				36237		130.65	131.60	0.95						
131.60	150.00	Metaseds	Highly argillite dominant; sercitic beds are <5% of unit at 70 deg	36238		131.60	132.65	1.05						
			At 146.70-150.00m; argillite interbedded w/ possible feldspathic wacke	36239		132.65	133.80	1.15						
			exhibiting 25% as anhedral disseminated plag <= 1mm	36241		133.80	134.85	1.05						
			not intrusive or tuffaceous	36242		134.85	135.60	0.75						
				36243		135.60	136.65	1.05						
				36244		136.65	137.70	1.05						
				36245		137.70	138.45	0.75						
				36246		138.45	139.40	0.95						
				36247		139.40	140.35	0.95						
				36248		140.35	141.30	0.95						

DIAMOND DRILL CORE LOGGING SHEETS

CLARK EXPLORATION CONSULTING

PROPERTY GULLROCK **HOLE #** GUL-17-02

LOGGED BY: Brett LaPeare **SIGNATURE**

METERAGE FROM	METERAGE TO	ROCK TYPE	DESCRIPTION	SAMPLES No.	Alt No.	FROM	TO	LENGTH	Au ppm	ASSAYS				
				36249		141.30	142.25	0.95						
				36251		142.25	143.30	1.05						
				36252		143.30	144.00	0.70						
				36253		144.00	145.05	1.05						
				36254		145.05	145.70	0.65						
				36255		145.70	146.75	1.05						
				36256		146.75	147.75	1.00						
				36257		147.75	148.70	0.95						
				36258		148.70	150.00	1.30						
150.00	167.90	Granodiorite	A somewhat confusing unit	36259		150.00	151.15	1.15						
			Mostly similar to upper granodiorite units - mostly exhibits pale reddish pink	36261		151.15	152.15	1.00						
			kspar alt'n/overprinting but locally absent	36262		152.15	153.00	0.85						
			revealing 'protolith' granodiorite texture	36263		153.00	153.70	0.70						
				36264		153.70	154.60	0.90						
				36265		154.60	155.10	0.50						
				36266		155.10	156.25	1.15						
				36267		156.25	157.10	0.85						
				36268		157.10	157.80	0.70						
				36269		157.80	158.20	0.40						
				36271		158.20	159.20	1.00						
				36272		159.20	160.40	1.20						
				36273		160.40	161.00	0.60						
				36274		161.00	162.00	1.00						
				36275		162.00	163.05	1.05						
				36276		163.05	164.00	0.95						
				36277		164.00	165.00	1.00						
				36278		165.00	165.85	0.85						
				36279		165.85	166.90	1.05						
				36281		166.90	167.90	1.00						
167.90	172.75	Metaseds	Increase in pale green thin sericitic beds - up to 40% overall and much more	36282		167.90	168.85	0.95						
			common than above metased units	36283		168.85	169.85	1.00						
			Bedding at 60 deg	36284		169.85	170.95	1.10						
			At 171.90m; thin aplite dyke but wih coarse qtz - normal to bedding	36285		170.95	171.65	0.70						
				36286		171.65	172.75	1.10						

DIAMOND DRILL CORE LOGGING SHEETS

CLARK EXPLORATION CONSULTING

PROPERTY GULLROCK **HOLE #** GUL-17-02

LOGGED BY: Brett LaPeare **SIGNATURE**

METERAGE		ROCK		SAMPLES						ASSAYS				
FROM	TO	TYPE	DESCRIPTION	No.	Alt No.	FROM	TO	LENGTH	Au ppm					
172.75	177.40	Granodiorite	Pervasive kspar alt'n/overprinting but locally unaltered (173.40-174.15m)	36287		172.75	193.50	1.00						
177.40	239.60	Microgranite	Fine/med gr, massive, equigranular, pinkish brown	36288		193.50	195.00	1.50						
			Similar to above units but almost exact same as logged in GUL-16-01 at 5.55-	36289		206.00	206.85	0.85						
			81.40m	36291		215.05	215.85	0.80						
			Aplite veins/dykes occur loally thru out at high angle	36292		238.60	239.60	1.00						
			Rare qtz stringers exhibit kspar wallrock alt'n (i.e. 208.00m)											
			Aplite and coarse qtz at lower contact											
239.60	242.80	Metaseds		36293		239.60	240.60	1.00						
			Well bedded thru out at 75-80 deg	36294		240.60	241.70	1.10						
			Local 'wacke' as described at 146.70-150.00m	36295		241.70	242.80	1.10						
242.80	273.15	Granodiorite		36296		242.80	243.90	1.10						
			Pale pink from pervasive and well developed kspar alt'n/overprinting	36297		243.90	245.30	1.40						
			Rare remnant plag	36298		245.30	271.40	1.20						
			One argiliite xenolith at 246.00-246.50m	36299		271.40	272.45	1.05						
			Lower contact is qtz rich and irregular	36301		272.45	273.15	0.70						
273.15	290.30	Metaseds	Well bedded thru out at 60-70 deg	36302		273.15	274.15	1.00						
			Very rare and thin (<1cm) py+po; disseminated along bedding - see 277.35m	36303		274.15	275.10	0.95						
			Two 1m intercepts of kspar alt'd granodiorite	36304		275.10	276.00	0.90						
			Local weak kspar alt'n of sericitic beds	36305	K017894	276.00	276.95	0.95	-0.005					
				36306	K017895	276.95	277.80	0.85	-0.005					
				36307	K0178969	277.80	279.00	1.20	-0.005					
				STAN	K017897				2.27					
				36308		279.00	280.15	1.15						
				36309		280.15	281.15	1.00						
				36311		281.15	282.10	0.95						
				36312		282.10	283.30	1.20						
				36313		283.30	284.20	0.90						
				36314		284.20	285.10	0.90						
				36315		285.10	286.10	1.00						
				36316		286.10	287.25	1.15						
				36317		287.25	288.15	0.90						
				36318		288.15	289.20	1.05						
				36319		289.20	290.30	1.10						
290.30	291.00	Tonalite (??)	Massive, lite grey, siliceous/qtz rich	36321		290.30	291.00	0.70						
			10-15% as disseminated mafic grains (biotite)											

DIAMOND DRILL CORE LOGGING SHEETS

CLARK EXPLORATION CONSULTING

PROPERTY: Gullrock	**LOCATION:**	**CLAIM NUMBER: 4229704**	**DOWNHOLE SURVEY: Reflex**		**DRILLING COMPANY:** Chibougamou
HOLE NO. GUL-17-03	**LENGTH:** 261m	**CORE SIZE:** NQ	**DEPTH** **DIP**	**DEPTH** **DIP**	**REMARKS:**
PROJECT NUMBER:	**NORTHING:**	**EASTING:**	21M 0.0/-45.5	261M 4.8/-44.0	
ELEVATION:	**UTM northing**: 5650975	**UTM easting:** 461791	81M 0.3/-44.8		**DATE LOGGED: 26/3/2017**
COLLAR ORIENTATION (AZIMUTH / DIP); PLANNED: (0, -45)		**SURVEYED:**	132M 3.6/-44.5		**LOGGED: Brett LaPeare** **SIGNATURE:**
EXPLORATION CO., OWNER OR OPTIONEE: Alexandria			183M 5.6/-44.4		
HOLE STARTED: 23/3/2017	**HOLE FINISHED: 25/3/2017**	**DECLINATION:**	234M 4.1/-44.3		**SHEET** 1 **OF** 3

METERAGE		ROCK	DESCRIPTION	SAMPLES					ASSAYS					
FROM	TO	TYPE		No.	Alt No.	FROM	TO	LENGTH	Au ppm					
0.00	6.00	CASE	Casing											
6.00	11.40	Metaseds	60% as dk grey/black, very fine grained argillite; 40% as pale green, fine gr, sericitic (siltstone)	36322		6.00	7.00	1.00						
			thin (<1-3cm) beds at 70-80 deg	36323		7.00	9.00	2.00						
			At 8.00m; 15cm aplitic dyke	36324		9.00	10.25	1.25						
			At 10.70m; 5cm intrusive dyke - siliceous (same as noted in top unit of GUL-17-02) - parallel	36325		10.25	11.40	1.15						
			with bedding	36326		11.40	12.45	1.05						
11.40	17.25	Granodiorite	Massive, med gr, equigranular	36327		12.45	13.30	0.85						
			Mostly pale brownish pink from kspar alt'n - but locally weak to absent	36328		13.30	14.85	1.55						
			good example of overprinting kspar	36329		14.85	16.40	1.55						
				36331		16.40	17.25	0.85						
17.25	75.55	Metasediments	Upper half is mostly black, very fine gr argillite w/ 10% as pale green sericitic(siltstone) ;	36332		17.25	18.00	0.75						
			except at 19.80-20.40m w/ sercitic beds at 70%	36333		18.00	19.50	1.50						
			At 35.00-37.00m; fine/med gr, black unit w/ moderately developed foliation at 80 deg, w/	36334		19.50	21.00	1.50						
			<1mm anhedral mafic grains along foliation	36335		21.00	22.50	1.50						
			Forming weakly developed pressure shadows - needs petrology	36336		22.50	24.00	1.50						
			Lower half of unit exhibits increase in sericitic alt'd beds to 35%; beds are also wider at up to	36337		24.00	25.50	1.50						
			25cm and commonly exhibit kspar alt'n	36338		25.50	27.00	1.50						
			Bedding consistent at 80 deg	36339		27.00	28.50	1.50						
			At 65.85 - 66.90m; irregular veining - intrusive core with milky white qtz infill on selvages	36341		28.50	30.00	1.50						
			Locally the unit is weakly/moderately magnetic BUT very intermittment;	36342		30.00	31.50	1.50						
			as noted from previous holes most likely due to very fine gr po	36343		31.50	33.00	1.50						
				36344		33.00	34.50	1.50						
				36345		34.50	36.00	1.50						
				36346		36.00	37.50	1.50						
				36347		37.50	39.00	1.50						
				36348		39.00	40.50	1.50						
				36349		40.50	42.00	1.50						
				36351		42.00	43.50	1.50						
				36352		43.50	45.00	1.50						

log #

DIAMOND DRILL CORE LOGGING SHEETS

CLARK EXPLORATION CONSULTING

PROPERTY GULLROCK **HOLE #** GUL-17-03

LOGGED BY: Brett LaPeare **SIGNATURE**

METERAGE FROM	METERAGE TO	ROCK TYPE	DESCRIPTION	SAMPLES No.	Alt No.	FROM	TO	LENGTH	ASSAYS Au ppm					
				36353		45.00	46.50	1.50						
				36354		46.50	48.00	1.50						
				36355		48.00	49.50	1.50						
				36356		49.50	51.00	1.50						
				36357		51.00	52.50	1.50						
				36358		52.50	54.00	1.50						
				36359		54.00	55.50	1.50						
				36361		55.50	57.00	1.50						
				36362		57.00	58.50	1.50						
				36363		58.50	60.00	1.50						
				36364		60.00	61.50	1.50						
				36365		61.50	63.00	1.50						
				36366	K017898	63.00	64.50	1.50	-0.005					
				36367	K017899	64.50	65.75	1.25	-0.005					
				36368	K017900	65.75	67.05	1.30	-0.005					
				36369	K017901	67.05	68.30	1.25	-0.005					
				36371	K017902	68.30	69.10	0.80	-0.005					
				36372	K017903	69.10	70.50	1.40	-0.005					
				36373		70.50	72.00	1.50						
				36374		72.00	73.50	1.50						
				36375		73.50	75.50	1.00						
				36376		75.50	75.55	1.05						
75.55	96.60	Granodiorite	Same as upper granodiorite unit w/ kspar alt'n increasing slightly dh											
			Remnant plag locally and small intercept at 75.85-76.30m w/ no kspar alt'n	36377		75.55	76.55	1.00						
			At 90.10m; 20cm coarse qtz vein	36378		76.55	89.40	1.45						
			Lower 3m shows a number of x-cutting dk brown, fine gr intercepts	36379		89.40	90.85	1.45						
			of microgranite											
96.60	159.00	Microgranite	Fine/med gr, massive, dk pinkish brown; same/similar to units from	36381		105.15	106.65	1.50						
			GUL-16-01 and GUL-17-02	36382		126.95	128.45	1.50						
			Lack of plag and no intercepts of weak or absent kspar alt'n suggests kspar is	36383		128.45	129.95	1.50						
			primary	36384		129.95	131.50	1.55						
			Locally x-cut by aplite dykes , </= 30cm wide and most common in lower 25m of unit	36385		131.50	132.90	1.40						

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DIAMOND DRILL CORE LOGGING SHEETS

CLARK EXPLORATION CONSULTING

PROPERTY GULLROCK **HOLE #** GUL-17-03

LOGGED BY: Brett LaPeare **SIGNATURE**

METERAGE FROM	METERAGE TO	ROCK TYPE	DESCRIPTION	SAMPLES No.	Alt No.	FROM	TO	LENGTH	ASSAYS Au ppm					
				36386		145.65	147.15	1.50						
				36387		157.55	159.00	1.45						
159.00	172.05	Metaseds/FP	Moderately foliated/bedded argillite interbedded w/ feldspar porphyry sills (?)	36388		159.00	159.95	0.95						
			Foliation/bedding very low at 10-20 deg	36389		159.95	161.30	1.35						
			Plag phenocrysts are <1-5mm, anhedral and ~30% overall of subunit - most	36391	K017904	161.30	162.10	0.80	-0.005					
			common at 162.00-165.80m	36392	K017905	162.10	163.10	1.00	-0.005					
			to x-cutting	36393	K017906	163.10	164.30	1.20	-0.005					
			w/ kspar alt'n	36394	K017907	164.30	165.50	1.20	-0.005					
			3 qtz veinlets (<5mm) in lower 1m of unit are parallel with foliation, weakly	36395	K017908	165.50	166.55	1.05	-0.005					
			boudined and w/ moderate kspar alt'n	36396	K017909	166.55	167.45	0.90	-0.005					
			<= 2% py overall as smeared on fracture planes - only in metased	36397	K017910	167.45	168.55	1.10	-0.005					
				36398	K017911	168.55	169.35	0.80	-0.005					
				36399		169.35	170.45	1.10						
				36401		170.45	171.10	0.65						
				36402		171.10	172.05	0.95						
172.05	261.00	Microgranite	Same as 96.60-159.00m;	36403		172.05	173.40	1.35						
			Locally the unit exhibits <= 1m well developed kspar alt'n/overprinting w/	36404		173.40	174.25	0.85						
			strong alt'n fronts - best developed at 235.00-240.00m	36405		202.70	204.20	1.50						
			Interp: kspar rich sections may be separate lith units possibly related to later	36406		213.70	214.95	1.25						
			stage magma from same event; thin dykelets (<10cm) w/ well defined x-cutting	36407		214.95	215.85	0.90						
				36408		232.85	233.65	0.80						
				36409		233.65	234.40	0.75						
				36411		234.40	235.15	0.75						
				36412		235.15	236.20	1.05						
				36413		236.20	237.25	1.05						
				36414		237.25	238.35	1.10						
				36415		238.35	239.30	0.95						
				36416		239.30	240.00	0.70						

DIAMOND DRILL CORE LOGGING SHEETS

CLARK EXPLORATION CONSULTING

PROPERTY: Gullrock	**LOCATION:**	**CLAIM NUMBER: 4229704**		**DOWNHOLE SURVEY: Reflex**			**DRILLING COMPANY:** Chibougamou
HOLE NO. GUL-17-04	**LENGTH:** 375m	**CORE SIZE:** NQ		**DEPTH**	**AZ / DIP**	**DEPTH** / **AZ / DIP**	**REMARKS:**
PROJECT NUMBER:	**NORTHING:**	**EASTING:**		24M	357.2/-45.6	282M 359.4/-42.4	
ELEVATION:	**UTM northing**: 5650532	**UTM easting:** 462009		75M	358.0/-45.3	333M 0.7/-43.1	**DATE LOGGED: 30/3/2017**
COLLAR ORIENTATION (AZIMUTH / DIP); PLANNED: (0, -45)		**SURVEYED:**		129M	0.0/-44.8	375M 359.7/-41.7	**LOGGED: Brett LaPeare** **SIGNATURE:**
EXPLORATION CO., OWNER OR OPTIONEE: Alexandria				180M	0.5/-43.8		
HOLE STARTED: 26/3/2017	**HOLE FINISHED: 29/3/2017**	**DECLINATION:**		231M	359.5/-43.2		**SHEET** 1 of 6

METERAGE FROM	METERAGE TO	ROCK TYPE	DESCRIPTION	SAMPLES No.	Alt No.	FROM	TO	LENGTH	ASSAYS Au ppm				
0.00	9.00	CASE	Casing - Bedrock @ 8.3m										
9.00	11.55	Microgranite	Fine/med gr, massive, dk pinkish brown; same/similar to units from GUL-16-01, GUL-17-02	36417		10.50	11.55	1.05					
			and GUL-17-03 Locally x-cut by thin (~1-2cm) aplite dykes										
			Lower contact very sharp										
11.55	72.25	Granodiorite	Massive, med gr, equigranular	36418		11.55	12.40	0.85					
			Mostly pale brownish pink from pervasive kspar alt'n - but locally weak to absent	36419		12.40	13.40	1.00					
			showing protolith Rare, local 'veins' of coarse qtz-kspar <10cm wide; see lower contact	36421		71.20	72.25	1.05					
72.25	104.45	Metaseds	Mostly black, very fine gr argillite w/ 30% as pale green sericitic(siltstone)	36422		72.25	73.40	1.15					
			Sericitic beds in upper 10m are variable at 10-40 deg w/ beds >/= 10cm generally at lower	36423		73.40	75.00	1.60					
			angles	36424		75.00	76.25	1.25					
			At 76.50m; 3cm wide serictic bed w/ centre as 1cm dk smoky grey qtz veinlet; dk grey qtz	36425		76.25	76.95	0.70					
			veinlet also x-cuts g'diorite at 83.50m	36426		76.95	78.00	1.05					
			At 87.50m; 15cm sericitic bed w/ lite smoky grey qtz infill	36427		78.00	78.90	0.90					
			texture best developed	36428		78.90	79.55	0.65					
			At 80.70-85.00m - shearing??	36429		79.55	80.15	0.60					
			Local granodiorite intercepts at 0.2-1.0m wide w/ variable kspar alt'n	36431		80.15	80.70	0.55					
			py +/- po occurs locally in lower of unit either as disseminated and/or as wispy grains	36432		80.70	81.45	0.75					
			parallel w/ bedding - see 103.50-103.90m	36433		81.45	82.45	1.00					
				36434		82.45	83.30	0.85					
				36435		83.30	83.90	0.60					
				36436		83.90	84.90	1.00					
				36437		84.90	86.15	1.25					
				36438		86.15	86.90	0.75					
				36439		86.90	87.95	1.05					
				36441		87.95	89.00	1.05					
				36442		89.00	90.25	1.25					
				36443		90.25	91.15	0.90					
				36444		91.15	92.15	1.00					

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DIAMOND DRILL CORE LOGGING SHEETS

CLARK EXPLORATION CONSULTING

PROPERTY GULLROCK **HOLE #** GUL-17-04

LOGGED BY: Brett LaPeare **SIGNATURE**

METERAGE FROM	METERAGE TO	ROCK TYPE	DESCRIPTION	SAMPLES No.	Alt No.	FROM	TO	LENGTH	ASSAYS Au ppb				
				36445		92.15	93.25	1.10					
				36446		93.25	94.30	1.05					
				36447		94.30	95.70	1.40					
				36448		95.70	96.75	1.05					
				36449		96.75	97.35	0.60					
				36451		97.35	98.60	1.25					
				36452		98.60	99.30	0.70					
				36453		99.30	100.40	1.10					
				36454		100.40	101.25	0.85					
				36455		101.25	102.00	0.75					
				36456	K107912	102.00	102.85	0.85	-0.005				
				36457	K107913	102.85	103.50	0.65	-0.005				
				36458	K107914	103.50	104.45	0.95	-0.005				
104.45	110.40	Granodiorite	Same as upper granodiorite w/ variable kspar alt'n	36459	K017915	104.45	105.60	1.15	-0.005				
				36461		105.60	106.55	0.95					
				36462		106.55	107.60	1.05					
				36463		107.60	108.75	1.15					
				36464		108.75	110.40	1.65					
110.40	113.00	Pegmatite (??)	Coarse qtz w/ kspar - same as described from previous holes but first time	36465		110.40	111.80	1.40					
		(for lack of a better name)	> 1m wide	36466		111.80	113.00	1.20					
			Variable between mostly smoky lite grey qtz and less common dk smoky grey										
			Pale pink colour from primary kspar(???)										
			Lower contact qtz rich over 15cm BUT not same as above										
				36467		113.00	114.40	1.40					
113.00	125.25	Granodiorite	Same as 104.25-110.40m	36468		114.40	115.05	0.65					
			Local argillite xenoliths at 113.70-115.50m	36469		115.05	115.75	0.70					
				36471	K017916	124.20	125.25	1.05	-0.005				

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DIAMOND DRILL CORE LOGGING SHEETS

CLARK EXPLORATION CONSULTING

PROPERTY GULLROCK **HOLE #** GUL-17-04

LOGGED BY: Brett LaPeare **SIGNATURE**

METERAGE FROM	METERAGE TO	ROCK TYPE	DESCRIPTION	SAMPLES No.	Alt No.	FROM	TO	LENGTH	ASSAYS Au ppm					
125.25	130.00	Metaseds	>95% as black, very fine gr argillite	36472	K017917	125.25	126.00	0.75	-0.005					
			Rare sericitic beds at 45 deg	36473	K017918	126.00	126.80	0.80	-0.005					
			<1% py as dissemianted on bedding planes	36474	K017919	126.80	127.95	1.15	-0.005					
				36475	K017920	127.95	129.00	1.05	-0.005					
				36476	K017921	129.00	130.00	1.00	-0.005					
130.00	152.15	Granodiorite	Pervasive kspar alt'n thru out except upper and lower metre where unit is more	36477	K017922	130.00	131.10	1.10	-0.005					
			qtz rich - qtz flooding?	36478		131.10	132.00	0.90						
			Unit is x-cut by rare dk smoky grey qtz veinlets (<5cm)	36479		132.00	132.85	0.85						
				36481		143.70	144.25	0.55						
				36482		151.00	152.15	1.15						
152.15	166.30	Metaseds	Well bedded thru out at 60-70 deg	36483		152.15	153.00	0.85						
			At 161.50m; 10cm of qtz flooding w/ 3% disseminated py	36484		153.00	154.50	1.50						
			At 165.85-166.10m; moderately magnetic from disseminated, very fine	36485		154.50	156.00	1.50						
			grained wispy po parallel w/ bedding-foliation	36486		156.00	157.50	1.50						
				36487		157.50	159.00	1.50						
				36488		159.00	160.50	1.58						
				36489	K017923	160.50	162.00	1.50	-0.005					
				36491	K017924	162.00	163.50	1.50	-0.005					
				36492	K017925	163.50	165.00	1.50	-0.005					
				36493	K017926	165.00	165.60	0.60	-0.005					
				36494	K017927	165.60	166.30	0.70	-0.005					
166.30	177.85	Granodiorite	Same as above units w/ pervasive kspar alt'n/overprinting except at 167.45	36495	K017928	166.30	167.45	1.15	-0.005					
			-167.70m	36496		167.45	168.00	0.55						
			Lower 2m is highly siliceous - qtz flooding? w/ intrusive texture destroyed	36497		168.00	168.90	0.90						
			At 177.45m; one low angle qtz veinlet	36498		174.00	175.15	1.15						
				36499		175.15	176.40	1.25						
				001		176.40	177.85	1.45						
177.85	182.40	Metaseds	Mostly argillite, weakly bedded at 40-45 deg	002		177.85	179.40	1.55						
			Locally weakly magnetic but rare	003		179.40	180.90	1.50						
			<1% disseminated py	004		180.90	182.40	1.50						

DIAMOND DRILL CORE LOGGING SHEETS

CLARK EXPLORATION CONSULTING

PROPERTY GULLROCK **HOLE #** GUL-17-04

LOGGED BY: Brett LaPeare **SIGNATURE**

METERAGE		ROCK		SAMPLES					ASSAYS					
FROM	TO	TYPE	DESCRIPTION	No.	Alt No.	FROM	TO	LENGTH	Au ppm					
182.40	189.00	Granodiorite	As above units w/ pervasive kspar alt'n/overprinting	005		182.40	183.50	1.10						
			At 183.30-184.90m; local patchy aplite +/- qtz flooding	006		183.50	187.80	4.30						
			At 187.30-187.80m; argillite xenolith	007		187.80	189.00	1.20						
189.00	190.80	Metaseds	100% argillite weakly bedded at 35 deg	008		189.00	189.90	0.90						
				009		189.90	190.80	0.90						
190.80	194.60	Granodiorite	Variable kspar alt'n w/ protolith best observed at top 60cm of unit	010		190.80	191.65	0.85						
			At 193.80m; 5cm wide coarse qtz with kspar alt'd rims	011		191.65	192.85	1.20						
				012		192.85	194.00	1.15						
				013		194.00	194.60	0.60						
194.60	199.55	Metaseds	197.50m to lower contact up to 30cm wide	014		194.60	195.30	0.70						
			Rare kspar alt'n of and within sercitic beds	015		195.30	196.05	0.75						
			Bedding in upper part at 70 deg but 35 deg above lower contact	016		196.05	197.15	1.50						
			At 198.90m; 3cm wide bedding parallel qtz veinlet w/ kspar alt'n	017		197.15	198.05	0.90						
				018		198.05	198.95	0.90						
				019		198.95	199.55	0.60						
199.55	203.70	Granodiorite	Kspar alt'n/overprinting highly variable from intense with intrusive texture	020		199.55	200.65	1.10						
			destroyed to weak to absent (see 203.45-203.70m	021		200.65	201.85	1.20						
			Upper contact w/ coarse qtz-kspar over 20cm	022		201.85	202.85	1.00						
				023		202.85	203.70	0.85						
203.70	208.10	Metaseds	>95% as argillite w/ rare sericitic beds at 50 deg	024		203.70	204.65	0.95						
			At 207.80m; kspar stringer at 15 deg	025		204.65	205.75	1.10						
				026		205.75	207.00	1.25						
				027		207.00	208.10	1.10						
208.10	218.45	Granodiorite	Same as 199.55-203.70m	028		208.10	209.30	1.20						
				029		217.20	218.45	1.25						
218.45	224.50	Metaseds	Argillite/serictic beds = 50/50, well bedded thru out at 40-50 deg	030		218.45	219.65	1.20						
				031		219.65	220.65	1.00						
				032		220.65	221.60	0.95						
				033		221.60	222.30	0.70						
				034		222.30	223.40	1.10						
				035		224.50	224.50	1.10						

DIAMOND DRILL CORE LOGGING SHEETS

CLARK EXPLORATION CONSULTING

PROPERTY GULLROCK **HOLE #** GUL-17-04

LOGGED BY: Brett LaPeare **SIGNATURE**

METERAGE FROM	METERAGE TO	ROCK TYPE	DESCRIPTION	SAMPLES No.	Alt No.	FROM	TO	LENGTH	ASSAYS Au ppm					
224.50	227.10	Pegamtite (??)	Same as 110.40-113.00m	036	K017929	224.50	225.20	0.70	0.009					
		(For lack of a better name)	*looks like a jigsaw puzzle gone wrong*	037	K017930	225.20	226.20	1.00	-0.005					
				038	K017931	226.20	227.10	0.90	-0.005					
227.10	257.65	Metaseds	Same as 218.45-224.50m but bedding decrease slightly to 30-40 deg	039		227.10	228.15	1.05						
			Highly variable widths of sercitic bedding from <1 to 25cm	040		228.15	229.20	1.05						
			Kspar alt'n of local sercitic beds - parallel and within bedding	041		229.20	230.20	1.00						
			Local intercepts of coarse qtz (peg) from 10-30cm wide	042		230.20	231.00	0.80						
			At 254.30-254.80m; possible 'wacke' bed	043		231.00	231.75	0.75						
			Very weakly magnetic - highly localized and rare	044		231.75	232.65	0.90						
				045		232.65	234.00	1.35						
				046		234.00	235.50	1.50						
				047		235.50	237.00	1.50						
				048		237.00	238.50	1.50						
				049		238.50	240.00	1.50						
				050		240.00	241.50	1.50						
				051		241.50	243.00	1.50						
				052		243.00	244.50	1.50						
				053		244.50	246.00	1.50						
				054		246.00	247.50	1.50						
				055		247.50	249.00	1.50						
				056		249.00	250.50	1.50						
				057		250.50	252.00	1.50						
				058		252.00	253.50	1.50						
				059		253.50	255.00	1.50						
				060		255.00	256.50	1.50						
				061		256.50	257.65	1.15						
257.65	271.60	Granodiorite	Strong pervasive kspar alt'n/overprinting except in lower 3m where it is weakly developed w/ intercalated metaseds	062		257.65	258.70	1.05						
				063		258.70	260.15	1.45						
				064		260.15	261.00	0.85						
				065		261.00	261.60	0.60						
				066		261.60	262.90	1.30						
				067		262.90	264.10	1.20						
				068		264.10	265.10	1.00						
				069		265.10	266.25	1.15						
				070		266.25	267.00	0.75						

DIAMOND DRILL CORE LOGGING SHEETS

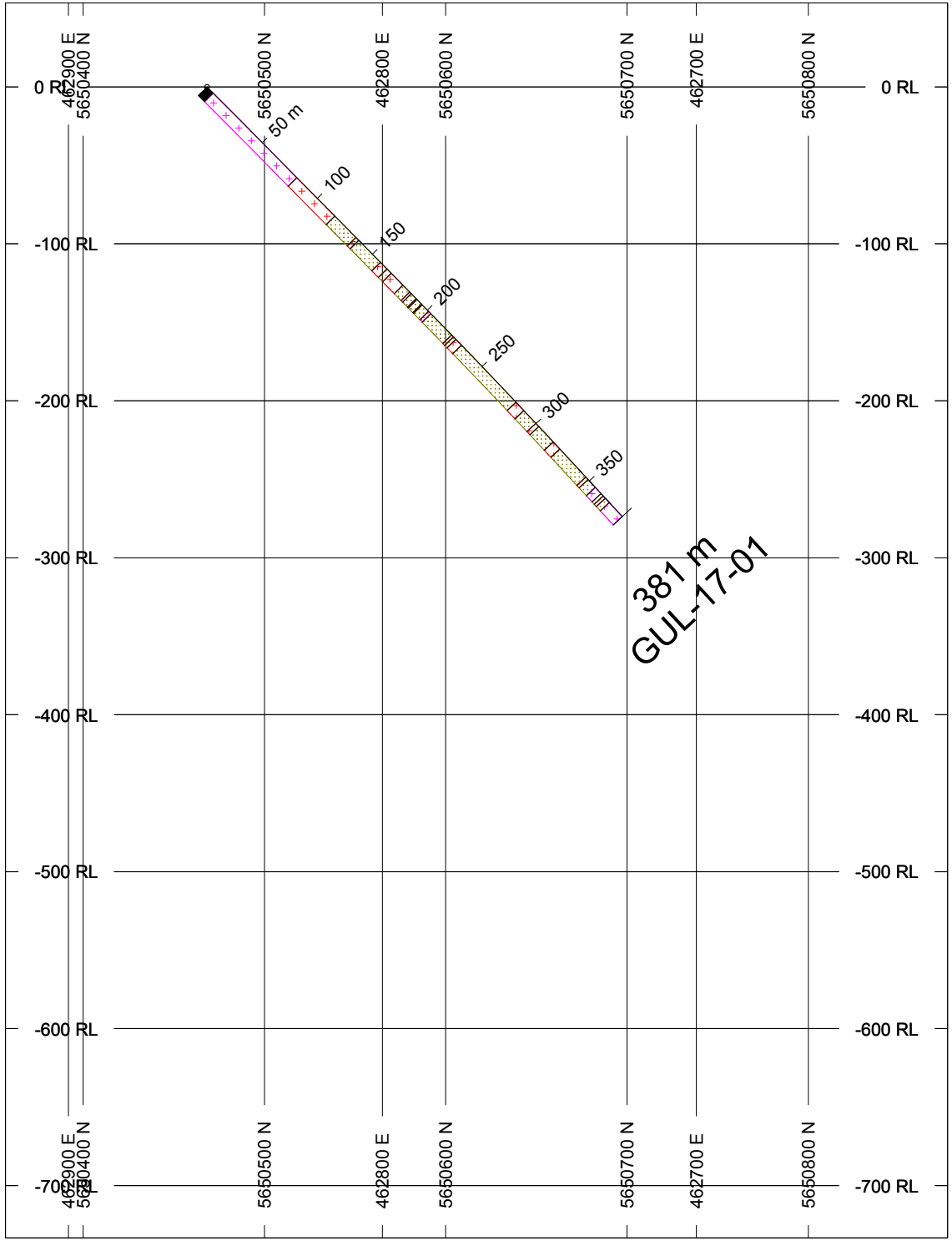
CLARK EXPLORATION CONSULTING

PROPERTY GULLROCK **HOLE #** GUL-17-04

LOGGED BY: Brett LaPeare **SIGNATURE**

METERAGE FROM	METERAGE TO	ROCK TYPE	DESCRIPTION	SAMPLES No.	Alt No.	FROM	TO	LENGTH	ASSAYS Au ppm					
				071		267.00	268.50	1.50						
				072		268.50	269.70	1.20						
				073		269.70	270.60	0.90						
				074		270.60	271.60	1.00						
271.60	307.45	Metaseds	70/30 - argillite/serictic beds, well bedded thru out at 70-80 deg	075		271.60	273.00	1.40						
			Rare qtz veinlets in lower 5m oblique to parallel w/ bedding	076		273.00	274.50	1.50						
			Local intercepts - 0.3-1m wide - of kspar alt'd granodiorite	077		274.50	276.00	1.50						
			Argillite is very weakly magnetic - highly localized - only in lower 5m of unit -	078		276.00	277.50	1.50						
			especially proximal to qtz veinlet at 304.15m	079		277.50	279.00	1.50						
				080		279.00	280.50	1.50						
				081		280.50	282.00	1.50						
				082		282.00	283.50	1.50						
				083		283.50	285.00	1.50						
				084		285.00	286.50	1.50						
				085		286.50	288.00	1.50						
				086		288.00	289.35	1.35						
				087		289.35	289.90	0.55						
				088		289.90	291.00	1.10						
				089		291.00	292.50	1.50						
				090		292.50	294.00	1.50						
				091		294.00	295.50	1.50						
				092		295.50	297.00	1.50						
				093		297.00	298.50	1.50						
				094		298.50	300.00	1.50						
				095		300.00	301.50	1.50						
				096		301.50	303.00	1.50						
				097		303.00	304.50	1.50						
				098		304.50	306.00	1.50						
				099		306.00	306.70	0.70						
				100		306.70	307.45	0.75						
307.45	375.00	Microgranite	Massive, med gr, equigranular, pinkish brown - homogeneous texture thru out	101		307.45	308.40	0.95						
			X-cut locally by aplite veinlets and/or overprinted - especially at 332.50-	102	K017932	308.40	309.65	1.25	-0.005					
			333.30m	103	K017933	332.40	333.40	1.00	-0.005					
			Consistently moderately magnetic thru out	STAN	K017934				2.26					
				104		372.50	373.25	0.75						

Appendix II: Drill Sections



HOLES PLOTTED

TOTAL 1

GUL-17-01

Claim: 4214553

BAR GRAPHS	L/R	COL	RANGE
Au_ppm	R		Min 1

ROCK CODES	PAT	LABEL	DESCRIPTION
Code		APL	aplite
		DRT	diorite
		GRD	granodiorite
		GRT	granite
		METS	metasediment
		Overburden	Overburden

SECTION SPECS:

REF. PT. E, N	462770 m	5650617 m
EXTENTS	600 m	786.7 m
SECTION TOP, BOT	53.48 m	-733.3 m
TOLERANCE +/-	17.5 m	

SCALE

(m)

-40 0 40 80 120 160

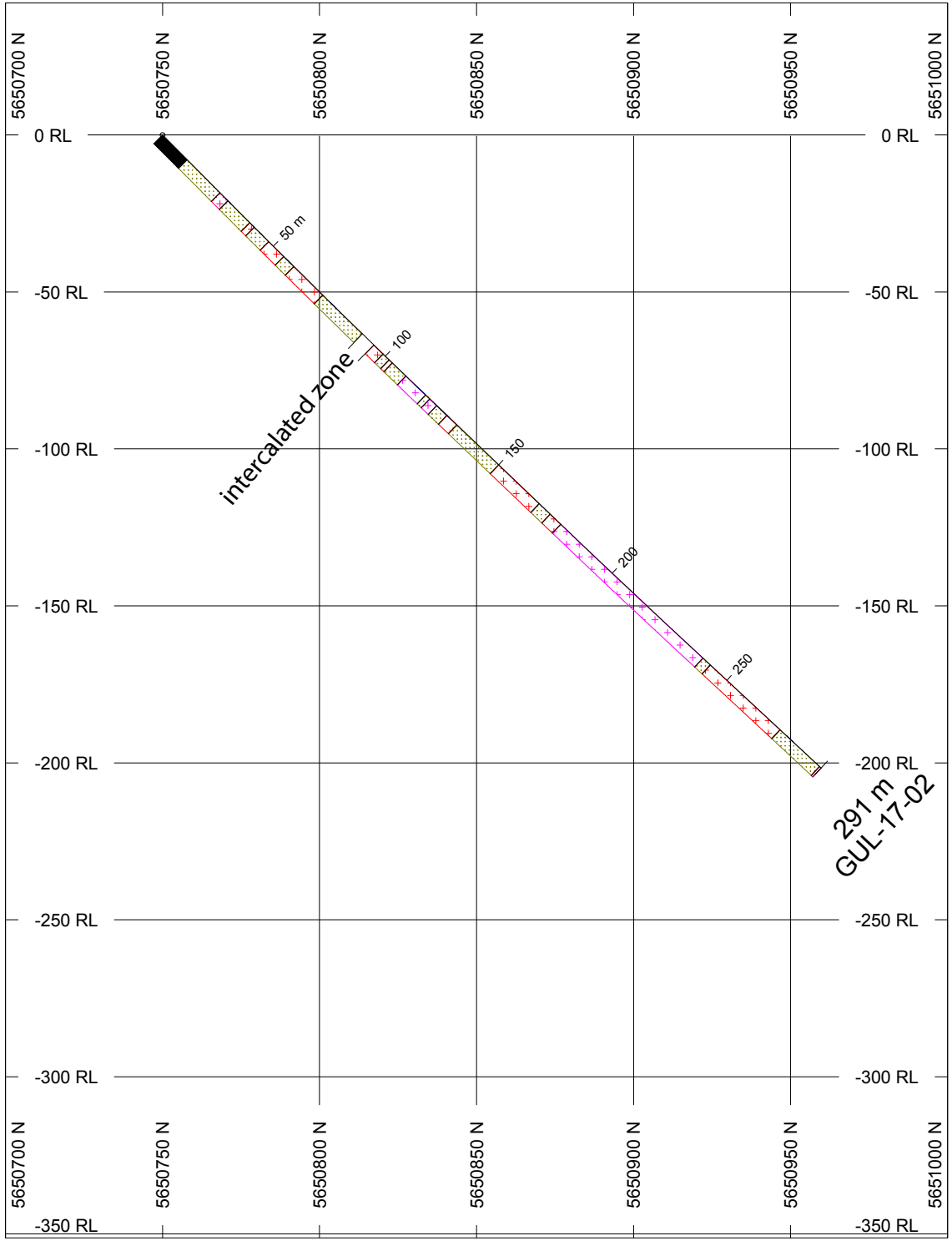
AZIMUTH = 330°

N W E S

Alexandria Minerals

Gullrock

Drill Section GUL-17-01



HOLES PLOTTED

TOTAL 1

GUL-17-02

Claim: 4229704

BAR GRAPHS	L/R	COL	RANGE
Au_ppm	R		Min 1

ROCK CODES Code	PAT	LABEL	DESCRIPTION
		DRT	diorite
		GRD	granodiorite
		GRT	granite
		METS	metasediment
		TNL	tonalite
		Overburden	Overburden

SECTION SPECS:

REF. PT. E, N	462091 m	5650850 m
EXTENTS	300 m	393.4 m
SECTION TOP, BOT	42.08 m	-351.3 m
TOLERANCE +/-	5 m	

SCALE

(m)

-20 0 20 40 60 80

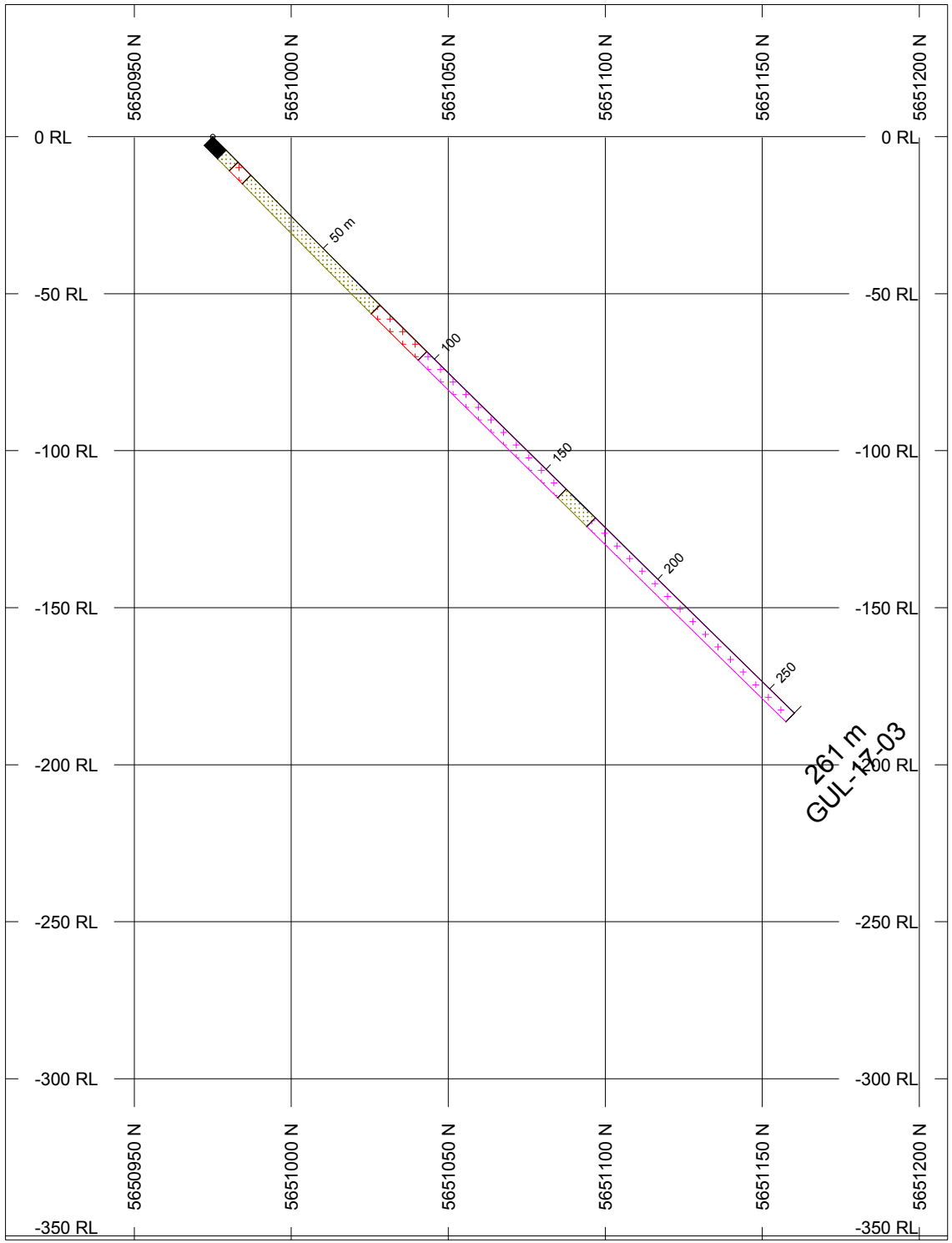
AZIMUTH = 0°

N W E S

Alexandria Minerals

Gullrock

Drill Section GUL-17-02



HOLES PLOTTED

TOTAL 1

GUL-17-03

Claim: 4229704

BAR GRAPHS	L/R	COL	RANGE
Au_ppm	R		Min 1

ROCK CODES	PAT	LABEL	DESCRIPTION
Code		GRD	granodiorite
		GRT	granite
		METS	metasediment
		Overburden	Overburden

SECTION SPECS:

REF. PT. E, N	461794 m	5651059 m
EXTENTS	300 m	393.4 m
SECTION TOP, BOT	42.08 m	-351.3 m
TOLERANCE +/-	7.5 m	

SCALE

(m)

-20 0 20 40 60 80

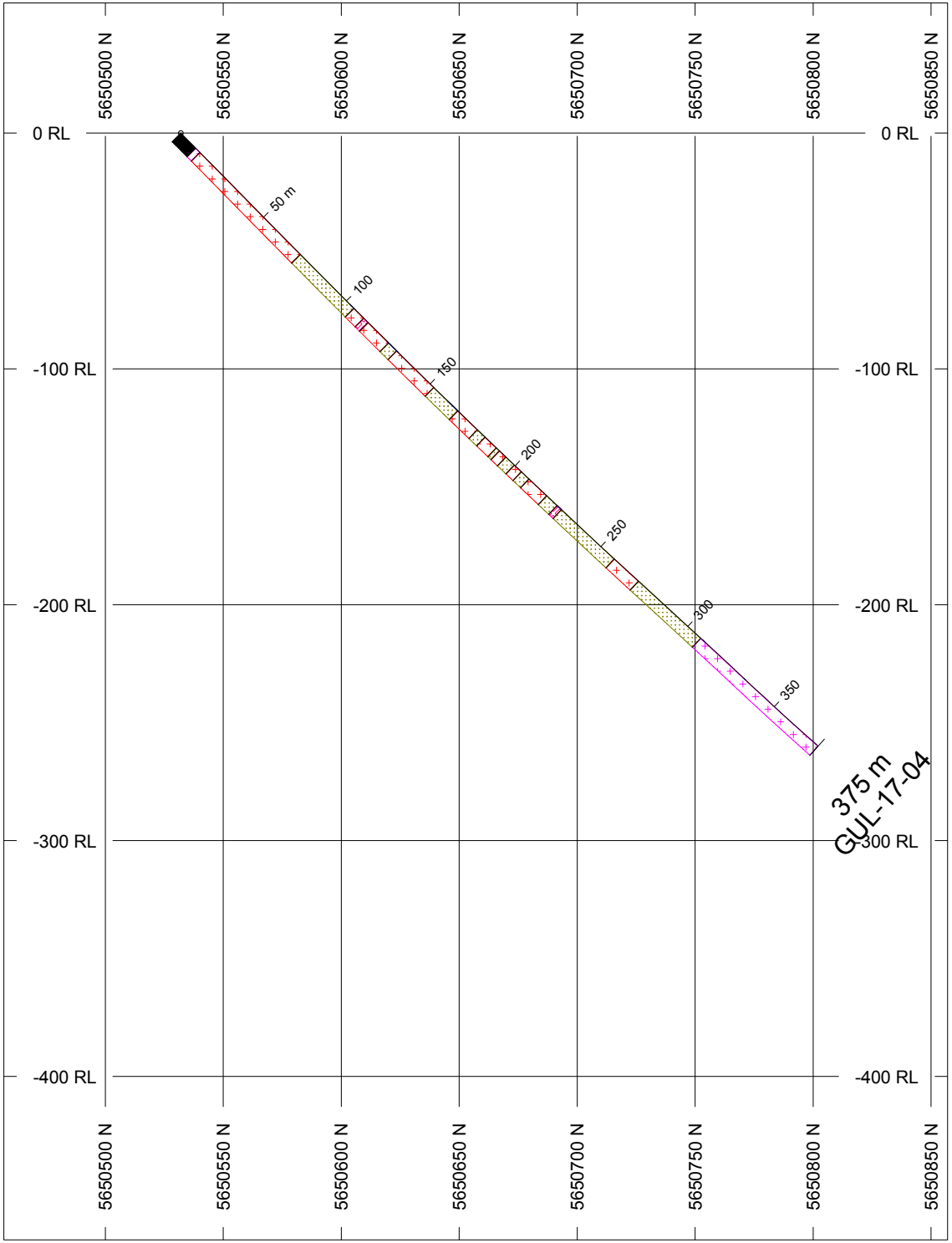
AZIMUTH = 0°

N W E S

Alexandria Minerals

Gullrock

Drill Section GUL-17-03



HOLES PLOTTED

TOTAL 1

GUL-17-04

Claim: 4229704

BAR GRAPHS	L/R	COL	RANGE
Au_ppm	R		Min 1

ROCK CODES	PAT	LABEL	DESCRIPTION
Code		GRD	granodiorite
		GRT	granite
		METS	metasediment
		PEG	pegmatite
		Overburden	Overburden

SECTION SPECS:

REF. PT. E, N	462009 m	5650657 m
EXTENTS	400 m	524.5 m
SECTION TOP, BOT	55.19 m	-469.3 m
TOLERANCE +/-	7.5 m	

SCALE

(m)

-20 0 20 40 60 80 100 120

AZIMUTH = 0°

N W E S

Alexandria Minerals

Gullrock

Drill Section GUL-17-04

Appendix III: Assay Certificates

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

To: ALEXANDRIA MINERALS CORP.
1 TORONTO ST., SUITE 201- BOX 10
TORONTO ON M5C 2V6

Finalized Date: 4- MAY- 2017
Account: ALEMIN

CERTIFICATE TB17073376

P.O. No.: Gullrock

This report is for 51 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 17-APR-2017.

The following have access to data associated with this certificate:

PHILIPPE BERTHELOT	GARRY CLARK	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: ALEXANDRIA MINERALS CORP.
ATTN: GARRY CLARK
1 TORONTO ST., SUITE 201- BOX 10
TORONTO ON M5C 2V6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

To: ALEXANDRIA MINERALS CORP.
1 TORONTO ST., SUITE 201- BOX 10
TORONTO ON M5C 2V6

Finalized Date: 4- MAY- 2017
Account: ALEMIN

CERTIFICATE OF ANALYSIS TB17073376

Sample Description	Method Analyte Units LOR	WEI-21Au-AA23 Recvd Wt.Au kgppm 0.020.005
K017884		2.13<0.005
K017885		2.20<0.005
K017886		2.44<0.005
K017887		1.77<0.005
K017888		2.93<0.005
K017889		1.78<0.005
K017890		2.55<0.005
K017891		1.69<0.005
K017892		2.05<0.005
K017893		2.58<0.005
K017894		2.48<0.005
K017895		2.30<0.005
K017896		2.97<0.005
K017897		0.052.27
K017898		3.95<0.005
K017899		3.43<0.005
K017900		3.39<0.005
K017901		3.28<0.005
K017902		2.10<0.005
K017903		3.83<0.005
K017904		2.02<0.005
K017905		2.35<0.005
K017906		2.74<0.005
K017907		2.85<0.005
K017908		2.55<0.005
K017909		2.24<0.005
K017910		2.64<0.005
K017911		1.96<0.005
K017912		2.20<0.005
K017913		1.37<0.005
K017914		1.93<0.005
K017915		2.73<0.005
K017916		2.59<0.005
K017917		1.95<0.005
K017918		2.12<0.005
K017919		2.84<0.005
K017920		2.93<0.005
K017921		2.57<0.005
K017922		2.40<0.005
K017923		3.75<0.005

***** See Appendix Page for comments regarding this certificate *****

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TORONTO ON M5C 2V6

Finalized Date: 4- MAY- 2017
Account: ALEMIN

CERTIFICATE OF ANALYSIS TB17073376

Sample Description	Method Analyte Units LOR	WEI-21Au-AA23 Recvd Wt.Au kgppm 0.020.005
K017924		3.72<0.005
K017925		3.98<0.005
K017926		1.56<0.005
K017927		1.73<0.005
K017928		2.47<0.005
K017929		1.640.009
K017930		2.16<0.005
K017931		2.22<0.005
K017932		2.95<0.005
K017933		2.18<0.005
K017934		0.062.26

***** See Appendix Page for comments regarding this certificate *****

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1 TORONTO ST., SUITE 201- BOX 10
TORONTO ON M5C 2V6

Finalized Date: 4- MAY- 2017
Account: ALEMIN

CERTIFICATE OF ANALYSIS TB17073376

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at645 Norah Crescent, Thunder Bay, ON, Canada
CRU-31 CRU-QCLOG-22LOG-24
PUL-31PUL-QCSPL-21WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-AA23

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

To: ALEXANDRIA MINERALS CORP.
1 TORONTO ST., SUITE 201- BOX 10
TORONTO ON M5C 2V6

Finalized Date: 4- MAY- 2017
Account: ALEMIN

CERTIFICATE TB17073377

P.O. No.: Gullrock

This report is for 32 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 17-APR-2017.

The following have access to data associated with this certificate:

PHILIPPE BERTHELOT	GARRY CLARK	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	AAS Au 30g FA-AA finish	

To: ALEXANDRIA MINERALS CORP.
ATTN: GARRY CLARK
1 TORONTO ST., SUITE 201- BOX 10
TORONTO ON M5C 2V6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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1 TORONTO ST., SUITE 201- BOX 10
TORONTO ON M5C 2V6

Finalized Date: 4- MAY- 2017
Account: ALEMIN

CERTIFICATE OF ANALYSIS TB17073377

Sample Description	Method Analyte Units LOR	WEI-21Au-AA23 Recvd Wt. kg 0.02	Au ppm 0.005
K017851		2.52	<0.005
K017852		3.09	<0.005
K017853		2.66	<0.005
K017854		1.32	<0.005
K017855		2.31	<0.005
K017856		2.96	<0.005
K017857		1.59	<0.005
K017858		2.44	<0.005
K017859		1.13	<0.005
K017860		2.19	<0.005
K017861		2.42	<0.005
K017862		2.01	<0.005
K017863		2.21	<0.005
K017864		2.74	<0.005
K017865		3.33	<0.005
K017866		2.60	<0.005
K017867		0.05	2.27
K017868		2.53	<0.005
K017869		1.56	0.066
K017870		2.34	<0.005
K017871		2.79	0.005
K017872		2.29	0.013
K017873		2.35	0.024
K017874		2.26	<0.005
K017875		2.77	<0.005
K017876		1.67	<0.005
K017877		3.00	<0.005
K017878		2.02	0.026
K017879		2.61	0.007
K017880		0.05	2.21
K017881		1.98	<0.005
K017882		1.95	<0.005

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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www.alsglobal.com

To: ALEXANDRIA MINERALS CORP.
1 TORONTO ST., SUITE 201- BOX 10
TORONTO ON M5C 2V6

Finalized Date: 4- MAY- 2017
Account: ALEMIN

CERTIFICATE OF ANALYSIS TB17073377

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at645 Norah Crescent, Thunder Bay, ON, Canada
CRU-31 CRU-QCLOG-22LOG-24
PUL-31PUL-QCSPL-21WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-AA23