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DIAMOND DRILL LOG



PROPERTY: Sidas Lake	LOCATION: Red Lake	CATION: Red Lake CLAIM NUME: 1210049 DOWNHOLE SURVEY: Acid tests			DRILLING COMPANY: Chibougmau Diamond Drilling Inc.							
HOLE NO.: RL-02-06 LENGTH: 174.0m		CORE SIZE: NO	DEPTH	DIP	DEPTH DIP	REMARKS: Core Storage: Red Lake						
PROJECT NUMBER:	NORTHING: 50+60N	EASTING: 4400E	21m	-45°								
ELEVATION:	UTM northing: 5681577	UTM easting: 0462558	124m	-44°		DATE LOGGED: June 28, 2002 - July 2, 2002						
COLLAR ORIENTATION (AZIMUTH	/ DIP); PLANNED: 140°/-45°	SURVEY P.		· · ·		LOGGED: Ike Osmani						
EXPLORATION CO., OWNER OR O	PTIONEE: Planet Exploration Inc.					SIGNATURE: B						
HOLE STARTED: June 25, 2002	HOLE FINISHED: June 27, 2002	DECLINATION: 1°E				SHEET 1 OF 7						

METE	RAGE		DESCRIPTION (colour grain size texture minerale alteration ate.)		SAM	PLES	1	ASSAYS	
FROM	то	NOCKTIFE	DESCRIPTION (COlour, grain size, texture, minerals, alteration, etc.)	No.	FROM	TO	LENGTH	Au ppb	Au ppb
0	7.4	Overburden							
7.4	36.0	Fragmental Mafic	Interval primarily comprised of heterolithic fragmental mafic metavolcanic rock. It consists of lapilli to bomb	65026	7.40	8.00	0.60	65	
		Volcanic (Debris	size, angular to flattened, fine- grained to aphanitic felsic, intermediate to felsic, mafic and locally cherty	65027	8.00	9.50	1.50	30	
		Flow)	clasts set within dark- green, fine- grained, locally garnetiferous, mafic matrix. Rare fragments of gabbroic-	65028	9.50	10.80	1.30	15	
			looking material or possibly coarse mafic flow, are also noted locally. This fragmental unit is interpreted here	65029	10.80	12.00	1.20	8	
			to be debris flow (volcanic conglomerate). The unit is unsorted and locally magnetic.						
			The rock unit is highly deformed. Tectonic planar fabric (foliation) is generally at 60° to core axis. However,	65030	17.50	19.00	1.50	11	
			locally it shallows (<10° - 20° to core axis) and then steepens back to 55°- 60°. This variability in dip	65031	19.00	20.50	1.50	23	
			over short distances suggests that unit is probably folded. Other evidence of folding was also observed	65032	20.50	22.00	1.50	6	
			(e.g drag folds, interference fold pattern, and highly contorted nature of foliation and ripped- up	65033	22.00	23.50	1.50	11	10
			cherty clasts).	65034	23.50	25.00	1.50	50	
_		FILED	Locally unit is banded/ bedded? (mm to cm scale), displaying alternating feldspathic and mafic bands. The	65035	25.00	26.50	1.50	13	
	RF()	EVEV	feldspathic bands are commonly brownish (staurolitic alteration?).	65036	26.50	28.00	1.50	15	
			Sulphides (pyrite- pyrrhotite) generally occur as blebs, and as millimetre to centimetre wide bands. The unit	65037	28.00	29.50	1.50	24	
\	TTO	2 2 2002	in the upper half (7.4m - 22.0m) is weakly mineralized (~1% disseminated pyrite- pyrrhotite) but the lower	65038	29.50	31.00	1.50	30	
	ULI		half consists of up to 5% pyrite - pyrrhotite as mm to cm scale bands and fractures fillings. The lower	65039	31.00	32.50	1.50	13	
		OF ASSESSMENT	contact is gradational into intermediate volcaniclastic (reworked tuff to lapilli tuff) rock.	65040	32.50	34.00	1.50	16	
14	GEOSCIEN	OFFICE		65041	34.00	35.00	1.00	16	
ų		UTTUE	8.5m - 10.82m: Feldspar porphyry. Medium to dark grey and massive to weakly foliated. The feldspar grains	65042	35.00	36.00	1.00	33	29
			(2-3mm), which are highly recrystalized and broken- up, make up 5-8% of the rock. The matrix is very fine-						
			grained and hard. The unit is non- magnetic to locally weakly magnetic. Upper and lower contacts are highly						
			irregular and chilled.						
1			Sulphides (less than 0.5% pyrite and pyrrhotite?) occur as fine disseminations and is less that 0.5%.						



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METE	RAGE		DESCRIPTION (colour grain size texture minerals alteration atc.)		SAM	PLES		ASSAYS		
FROM	то	ROCKTIFE	DESCRIPTION (COODI, grain Size, texture, ininerals, alteration, etc.)	No.	FROM	ТО	LENGTH	Au ppb	Au ppb	
			core axis, upper and lower contacts are gradational (bedded) with wacke- siltstone,							
			finely disseminated sulphides (<1%) along foliation.							
			72.8 - 74.2m: Strongly altered lamprophyre/ aplite dike carbonatized epidotized and hematized;							
			2-3% disseminated and blebby sulphides, quartz- carbonate stringers / veins, upper							
			and lower contacts broken.							
					<u> </u>					
		77.6 - 78.0m: Ultramafic to mafic dike. Dark green to pale green, fine- grained and massive to						. <u>.</u>		
		foliated, 5-10% pyrrhotite ±pyrite occur as blebs, disseminations and along fractures, upper contact		L						
			sharp but irregular and the lower contact broken along foliation/ fracture @ 50° to core axis.							
			196.3 - 96.7 m: Matic to intermediate dike. Dark grey to black, fine- grained, siliceous but highly							
			proken and altered in middle of the section due to intense fracturing @ 50°-55° to core axis,							
			carbonate stringers in the zone of fracturing.							
			105.1 105.2m; Intermediate to folgia dika (foldener pernhur)?)							
			Modium grey and massive, you fine, grained disseminated sulphides throughout, upper and lower							
			contacts @ 60° and 20° respectively to core axis	· · · ·						
			115.7 - 116.0m; Matic to intermediate dike. Grevish- green to green fine- grained massive to			······		·		
			Ifoliated near the contact with sediments, upper contact broken- up and lower contact diffuse							
			(chilled) and irregular							
			119.0 - 119.1m: Mafic dike. Dark green, very fine- grained, upper contact diffuse and irregular.			· · · · · · · · · · · · · · · · · · ·				
			and the lower contact broken @ 60° to core axis.							
119.1	135.8	Plagioclase- Phyric	Interval primarily comprised of non-porphyric and plagioclase- phyric gabbro to leucogabbro	65081	119.10	120.50	1.40	<5		
		Gabbro to	with minor gradational sections of plagioclase- phyric melagabbro. The plagioclase-	65082	120.50	123.50	3.00	14		
		Leucogabbro	phyric texture is the most dominant gabbroic phase within the upper 2/3rds of the	65083	123.50	125.00	1.50	<5		
			interval and the lower 1/3rd mainly comprised of non-porphyric gabbro to leucocratic gabbro.	65084	125.00	126.50	1.50	<5		

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METE	RAGE		DESCRIPTION (colour grain size texture minerals alteration etc.)		SAM	PLES		ASS	AYS
FROM	ТО			No.	FROM	то	LENGTH	Au ppb	Au ppb
			The gabbros are dark green to greenish- black, massive to foliated and metamorphased to	65085	126.50	128.00	1.50	16	
			amphilbolite grade facies. Occasional narrow 1-2cm wide shears cut the gabbro @ 25°- 40° to	65086	128.00	129.70	1.70	22	
			the core axis.	65087	129.70	131.00	1.30	11	14
			The non-porphyritic gabbro is medium- grained. In the plagioclase- phyric phase, plagioclase	6508 8	131.00	132.40	1.40	14	
			crystals comprise 20-25% of the rock, and are set within fine grained mafic matrix. The matrix	65089	132.40	133.50	1.10	18	
			consists of amphibole, biotite and plagioclase.	65090	133.50	135.00	1.50	6	
			The melagabbroic phase is characterized by 10-15% plagioclase phenocrysts set within amphibole-	65091	135.00	135.80	0.80	10	
1		1	rich matrix. Locally, the plagioclase is weakly epidotized in all gabbroic phases. Trace to <1%,			······································			
			fine- grained sulphides (pyrrhotite - pyrite) occur as disseminations and locally as medium- to						
			fine- grained blebs. Foliation is defined locally by the alignment of plagioclase aggregates.						
			It is generally 60°- 65° to core axis.						
1									
			129.7 - 132.4m: Plagioclase- phyric melagabbro to gabbro.				-		
			132.4 - 135.8m: Gabbro to leucogabbro. The core is fractured sub- parallel to core axis. Calcite						
			coating occurs on fracture planes. Approximately 2cm wide shear orientd at 35° to core axis						
			occurs at 134.3m						
135.8	157.8	Gabbro to Mela-	Interval mainly comprised of medium to fine- grained, altered gabbro to melagabbro. The gabbros	65092	135.80	137.00	1.20	<5	
		gabbro	in this interval are different from the previous interval in terms of texture and colour index. In this	65093	137.00	138.00	1.00	19	
			interval it is predominantly equigranular and ranges in composition from gabbro to melagabbro with	65094	138.00	139.50	1.50	20	
			occasional narrow sections of ultramafic. The upper portion of the interval (135.8-142.5m) is	65095	139.50	141.30	1.80	153	
			strongly altered (silica flooding in the form of quartz veining, patchy epidote alteration) and	65096	141.30	141.70	. 0.40	20	22
			fractured. The gabbro is intruded by felsic dikes (quartz feldspar porphyry?) and contains	65097	141.70	142.70	1.00	28	
			mafic volcanic inclusions and a sedimentary raft.	65098	142.70	142.90	0.20	19	
			The middle and lower portion of the interval is inclusion-free gabbro to melagabbro. The gradation	6509 9	142.90	144.00	1.10	9	
			from melagabbro to ultramafic (hormblendite) is very subtle and often uncertain due to alteration	65100	144.00	145.00	1.50	<5	
			(sausseritization).	65101	145.00	146.00	1.70	<5	



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MET	ERAGE		DESCRIPTION (colour grain size texture minorals alteration etc.)		SAM	PLES		ASSAYS		
FROM	ТО	ROOKTITE		No.	FROM	то	LENGTH	Au ppb	Au ppb	
	1		The gabbro is moderately to strongly foliated @ 55° - 60° to core axis. The sulphide (pyrite ±	65102	146.00	147.50	1.50	12		
			chalcopyrite) content is slightly higher than in the preceding interval. The upper contact is	65103	147.50	149.00	1.50	15		
			marked by a narrow shear at 70° to core axis.	65104	149.00	150.50	1.50	5		
]				150.50	152.00	1.50	10	11	
			135.8 - 140.0m: Moderately broken core and zone of quartz flooding in the form of	65106	152.00	153.50	1.50	<5		
			veins / pods (possible fault zone).	65107	153.50	155.00	1.50	24		
				65108	155.00	156.50	1.50	33		
			136.2 - 136.5m: Off-white quartz vein. Non-mineralized, upper and lower contacts at 70° and 40° to core axis respectively.	65109	156.50	157.80	1.30	14		
			138.0 - 141.3m; Altered intermediate dike (feldspar porphyry?) Greenish- grey, massive and							
			altered (locally epidotized/ chloritized), <1% fine grained, disseminated sulphides.							
1										
			141.7 - 141.8m: Feldspar porphyry. Light grey, weakly foliated; upper contact broken at 60° to core							
			axis, and lower contact sharp at 55° to core axis.							
			141.8 - 142.9m: Metasediments within narrow gabbroic dike.							
			1 142.7 - 142.9m; Ultramafic phase (homblendeite/ pyroxenite), Dark green, medium grained, 1-1.5%							
			pyrite- chalcopyrite? interstitial to crystals upper contact broken strong foliation							
			(gradational contact?) and the lower contact is sharp but diffuse and irregular.							
			145.2 - 146.0m: Moderately broken core.		1		· · · · · · · · · · · · · · · · · · ·			
			·							
157.8	174.0	Plagiociase- Phyric	Interval primarily comprised of plagioclase- phyric to non-porphyric gabbro. It is similar to	65110	157.80	159.00	1.20	<5		
	End of	Gabbro to non-phyric	119.1m - 135.8m except gabbro in this interval has no leucocratic phase. Ubiquitous narrow	65111	159.00	160.50	1.50	8		
	Hole	Gabbro	shears, at 40° to core axis, cut the gabbro. Trace to <1% sulphides occur as disseminations.	65112	160.50	162.00	1.50	7		
			Strongly foliated @ 50° - 40° to core axis in the upper half of the interval. The lower	65113	162.00	163.50	1.50	24		
			half is generally massive with local strongly foliated sections.	65114	163.50	165.00	1.50	11	12	
				65115	165.00	166.50	1.50	21		



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METE	ERAGE	DESCRIPTION (colour grain size texture minerale alteration etc.)		SAMF	PLES		ASS	AYS
FROM	ТО	DESCRIPTION (colour, grain size, texture, initierals, alteration, etc.)	No.	FROM	то	LENGTH	Au ppb	Au ppb
		Upper contact is irregular and marked by patchy epidote alteration.	65116	166.50	168.00	1.50	31	
	1		65117	168.00	169.50	1.50	22	
			65118	169.50	171.00	1.50	17	
			65119	171.00	172.50	1.50	9	
	1		65120	172.50	174.00	1.50	11	
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ROPERTY: Sidace Lake	LOCATION: Red Lake	CLAIM NUMBER: 1210049	DOWNHOLE SURVEY: Acid Tests			DRILLING COMPANY: Chibougamau Diamond Drilling Ltd.							
HOLE NO.: RL-02-07	LENGTH: 111.0m	CORE SIZE: NQ	DEPTH	DIP	DEPTH DIP	REMARKS: Core Storage: Red Lake							
PROJECT NUMBER:	NORTHING: 49+50N	EASTING: 44+00E	24m	-47°		Hole drilled down-dip							
ELEVATION:	UTM northing: 5681484	UTM easting: 0462623	96m	-45°		DATE LOGGED: July 3 - July 5, 2002							
COLLAR ORIENTATION (AZIMUTI	H / DIP); PLANNED: 320°/-45°	SURVEYED:				LOGGED: Brian Nelson							
EXPLORATION CO., OWNER OR	OPTIONEE: Planet Exploration Inc.					SIGNATURE:							
HOLE STARTED: June 27, 2002	HOLE FINISHED: June 28, 2002	DECLINATION: 1°E				SHEET 1 OF 3							

METERAGE		ROCK TYPE	DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.)		SAM	PLES		ASSAYS		
FROM	то	ROCKITPE	DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.)	No.	FROM	TO	LENGTH	Au ppb	Au ppb	
0.0	15.3	Overburden	Sand, boulders, gravel - moraine							
15.3	28.3	Mafic Volcanic Flow /	Dark grey-green, fine- grained, moderately soft to hard, non-magnetic and locally foliated to weakly banded at	71158	19.00	19.50	0.50	6		
		Tuff	20° to sub-parallel to core axis, banding on a mm to cm scale defined by alternate mafic and intermediate							
			bands, overall section is moderate to locally strongly fractured, local chlorite coating low angle fracture	71159	25.20	25.70	0.50	<5		
			surfaces, occasionally slickensides on these chloritic fractures, tiny mm scale garnets observed.							
			Transitional contact at 28.3 over ~ 1 metre.							
			Note: No observed texture that defines either flow or tuffaceous rock, mafic in composition.]	
			19.1m to 19.35m - White bull quartz vein plus 5 cm scale fine-grained felsic dykelet, no sulphides.	L						
			Sharp wavy contacts.							
									[]	
			24.0m to 24.25m - Blocky broken core. Chlorite and slickensides coating fracture surfaces.	L		 				
			Possibly narrow shear, no gouge.	ļ						
				ļ						
		1	At 25.5m - 5cm wide grey quartz vein oriented at 20° to core axis, minor medium grained disseminated pyrite		<u> </u>					
			26.7m to 29.2m. Strongly fractured fractures at law angle to percille to care axis, commany oblarite							
			20.711 to 20.511 - Strongly fractured, fractured and the angle to parallel to core axis, commonly chlorite							
			locating inacture surfaces.							
28.3	50.0	Mafic to Intermediate	Interlayered matic to intermediate tuff, layers/ beds on a 5cm to 2 metre scale, intermediate layers are grey	71160	34 75	36.25	1.50	175		
20.0	00.0	Tuff	fine- to medium- grained, relatively hard, non-magnetic, well foliated to bauded at 10° to 20° to core axis and	71161	36.25	37.50	1.25	<5		
			contain more quartz veining than mafic layers, quartz veins parallel foliation and banding, mafic layers are dark	71162	37.50	39.00	1.50	19		
			green to green-grey, commonly massive to foliated at 20° to core axis, fine- to finer medium grained, non-	71163	39.00	40.00	1.00	<5		
			magnetic and contain 5 to 20% mm to cm scale garnets.	71164	40.00	41.10	1.10	41		
			Overall, section is composed of 50% mafic and 50% intermediate tuff.							
			Nil to trace sulphide mineralization in host rock.							
			Minor fine- to medium- grained pyrite associated with grey quartz veining.							
			Transitional contact at 50.0 over one metre							
			36.25m to 41.1m - 10% grey, fractured 1cm to 10cm scale quartz veins oriented at 10° to 20° to core axis.							
			Host rock is strongly foliated intermediate tuff. Minor medium grained pyrite associated with quartz veins.							
50.0	58.6	Intermediate to Felsic	Medium to light green- grey, fine- to finer medium- grained, locally hard to soft, very locally moderately	71165	50.00	51.50	1.50	<5		
		Tuff	magnetic exhibiting a moderate to strong foliation at 20° to core axis, section dominated by well foliated to	71166	51.50	53.00	1.50	<5		
			banded intermediate and felsic tuff plus lesser foliated mafic tuff. Overall, appears to be a transition zone	71167	53.00	54.50	1.50	<5	<5	
			between the more matic tuffaceous rocks uphole and the felsic unit below, no quartz veining; minor	/1168	54.50	56.00	1.50			
			disseminated to blebby pyrite often as 3mm bands with foliation plane, local intense	/1169	55.00	57.50	1.50	- 0		
1			IDIOCKY TRACTURE ON A 3U CM SCALE	1 71170	1 57 50 1	20.00	1 110 1	/ /	, j	



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METE	RAGE				SAN	APLES		AS	SAYS
FROM	ТО	ROCKTIPE	DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.)	No.	FROM	TO	LENGTH	Au ppb	Au ppb
			Contact at 58.6 at 20° to core axis.						1
						1			1
	-	1	51.55m to 51.9m: Blocky, crumbly core, narrow fault.		1	1			1
									T
			53.0m to 53.3m: Blocky, fractured core, local gouge, narrow fault.						1
					1	1			
58.6	73.2	Quartz - Sericite	Green-grey, fine- to finer- medium grained, moderately hard, equigranular, non-magnetic and well	71171	58.60	60.00	1.40	<5	1
		Schist	foliated at 0° to 15° to core axis, intensely altered felsic volcanic composed of 10 to 15% 1 to	71172	60.00	61.50	1.50	<5	1
		·	3mm scale dark green-black amphibole crystals set in a fine grained sericite and guartz matrix.	71173	61.50	63.00	1.50	<5	
			Intense sericite alteration, intense sericite plus slickensides on moderate to low angle fractures.	71174	63.00	64.50	1.50	<5	
			Contact at 73.2m at 30° to core axis.	71175	64.50	66.00	1.50	<5	
				71176	66.00	67.50	1.50	<5	<5
			61.2m to 61.45m: Mafic volcanic- irregular contorted contacts	71177	67.50	69.00	1.50	<5	
				71178	69.00	70.50	1.50	<5	
		ļ	72.1m to 73.2m; Moderate to strongly broken/ fractured sub- parallel to 20° to core axis.	71179	70.50	72.00	1.50	<5	
				71180	72.00	73.20	1.20	<5	
73.2	95.2	Mafic Volcaniclastic	Dark green- grey to grey, fine- to finer- medium grained, moderately soft, non magnetic and well	·	1				
		(Tuff)	foliated to banded at 10° to 20° to core axis, locally 5 to 20% 1mm to 1/2 cm scale garnets, local	71181	73.20	74.50	1.30	11	
			chlorite coating low angle fracture surfaces, local minor contorted to poddy grey- white guartz	71182	74.50	76.00	1.50	6	
			veinlets, moderate to strong biotite ± garnet, trace to minor fine- to medium grained disseminated	71183	76.00	77.20	1.20	14	
			pyrite, section is strongly to intensely fractured, fractures oriented at various angles to core axis,	71184	77.20	78.30	1.10	15	
(local hint of remnant fragments, possibly local lapilli tuff/ flow breccia.	71185	78.30	79.80	1.50	28	22
		,	Sheared contact at 95.2 at 60° to core axis.	71186	79.80	81.00	1.20	11	i
			Note: As approach lower contact (93.0 to 95.2) blocky fractures plus chlorite and	71187	81.00	82.50	1.50	9	
	1		carbonate alteration - the result of proximity to downhole fault.	71188	82.50	84.00	1.50	14	
				71189	84.00	85.00	1.00	241	
			78.3m to 85.0; 5% very irregular contorted 1 to 3cm scale grey guartz veining. Locally intensely	71190	85.00	86.50	1.50	16	
1			fractured. Trace to minor fine grained disseminated pyrite.	71191	86.50	88.00	1.50	729	·
				71192	88.00	89.50	1.50	40	
1			90.0m to 93.0m; Strong to intensely fractured core at various angles to core axis. Locally strong	71193	89.50	91.00	1.50	7	
			chlorite plus slickensides on fracture surfaces. Local minor blue-orev quartz stringers and veinlets.	71194	91.00	92.00	1.00	<5	<5
			Local minor fine- to medium- grained disseminated to blebby pyrite.	71195	92.00	93.00	1.00	7	
				71196	93.00	93.75	0.75	<5	
1			91.0m to 91.2m; 40% grey to blue- grey contorted to brecciated poddy guartz, minor fine grained	71197	93,75	95.20	1.45	<5	
-			disseminated to blebby pyrite.						
	1		93.0m to 93.75m; 10% irregular quartz veins and pods. Minor fine grained disseminated	[]					
			pyrite within quartz veins						
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METE	RAGE	ROCK TYPE	DESCRIPTION (colour grain size texture minerals alteration etc.)		SAM	PLES		ASSAYS		
FROM	TO			No.	FROM	то	LENGTH	Au ppb	Au ppb	
95.2	111.0	Fault Zone	Fault zone dominated by intense green epidote alteration and deformed medium grey to dark grey	71198	95.20	96.85	1.65	40		
	End of		quartz veinlets and veins predominantly oriented at 20° to parallel to core axis, strong shear fabric	71199	96.85	97.65	0.80	13		
	Hole		sub-parallel to parallel to core axis and locally, as approach bottom of section, rock	71200	97.65	99.00	1.35	9		
			exhibits a brecciated texture, texture and alteration variable thru zone.	71201	99.00	100.50	1.50	7		
				71202	100.50	102.00	1.50	6		
			95.2m to 95.35m: Orangey- red, light green at upper contact, strongly foliated at 40° to 60° at		102.00	103.50	1.50	<5	7	
			upper contact, locally weakly to moderately brecciated, local minor quartz stringers and veinlets,	71204	103.50	105.00	1.50	20		
			10% erratic 1 to 2mm scale white stockwork stringers, moderate to strong carbonate, strong	71205	105.00	106.50	1.50	46		
]			hematite, moderate to strong epidote, minor fine grained disseminated pyrite.	71206	106.50	108.00	1.50	12		
			Contact at 96.85 at 45° to core axis.	71207	108.00	109.50	1.50	95		
1				71208	109.50	109.75	0.25	33		
			95.35m to 96.35m: Altered dyke/ host rock? Green, very fine- grained, very hard, not magnetic	71209	109.75	111.00	1.25	35		
			cut by 15% erratic pale green epidote stringers, no sulphides. Sharp contact at 96.35 at 70° to							
			core axis marked by strong epidote?							
			96.35m to 96.65m: Altered dyke? Green, fine- to medium- grained, moderately soft, non-							
			magnetic, moderate to strong epidote, no sulphides, Sharp contact at 96.65 at 45° to core axis.							
	-		96.65m to 109.05m: Epidote green, very fine grained, very hard and non- magnetic composed of							
			25% 1mm to 3cm scale medium grey to dark grey boudinaged quartz veins/ bands							
			oriented at 20° to parallel to core axis within an intensely epidotized host rock, minor to		_					
			locally 1% fine- to finer- medium grained disseminated pyrite within quartz veins and host rock.							
1			Contact at 109.05 at 30° to core axis.						<u></u>	
			109.05m to 109.3m: Sheared country rock containing 10% 2mm scale garnets. Foliated contact		-					
	1		at 109.3 at 30° to core axis.		_					
			109.3m to 111.0m: Intermediate dyke, grey very fine- grained, very hard, locally brecciated with				·			
			associated strong epidote. One 10cm scale host rock xenolith at 109.8. Local trace				1			
			fine- grained disseminated pyrite.							

CLARK EXPLORATION GONSULTING

PROPERTY: Sidace Lake	LOCATION: Red Lake	CLAIM NUMBER: 1210049	DOWNHOLE SURVE	EY: Acid Tests		DRILLING COMPANY: Chibouamau Diamond Drilling Ltd.						
HOLE NO.: RL-02-08	LENGTH: 108 metres	CORE SIZE: NQ	DEPTH	Dip	DEPTH DIP	REMARKS: Core Storage: Red Lake						
PROJECT NUMBER:	NORTHING: 49+75N	EASTING: 43+57E	30m	-45°		Hole Drilled Down-Dip						
ELEVATION:	UTM northing: 5681477	UTM easting: 0462579	93m	-45°		DATE LOGGED: July 5 - July 6, 2002						
COLLAR ORIENTATION (AZIMUT	H / DIP); PLANNED: 320°/-45°	SURVEYED:				LOGGED: Brian Nelson						
EXPLORATION CO., OWNER OR	OPTIONEE: Planet Exploration Inc.					SIGNATURE:						
HOLE STARTED: June 28, 2002	HOLE FINISHED: June 29, 2002	DECLINATION: 1°E				SHEET 1 OF 4						

METE	RAGE		DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.)		SAM	PLES		ASSAYS		
FROM	TO			No.	FROM	TO	LENGTH	Au ppb	Au ppb	
0.0	18.5	Overburden	Sand, boulders, gravel - moraine							
									[]	
18.5	36.0	Interbedded	Interbedded intermediate and mafic tuff on a 10cm to 3 metre scale, strong foliation/ banding at 20° to core	71210	18.50	19 50	1.00	<5		
		Intermediate - Mafic	axis, compositionally very heterogeneous unit. Intermediate tuffaceous layers are medium to light grey, fine-	71211	19.50	21.00	1.50	<5		
		Volcaniclastic	grained, hard, non-magnetic and intensely foliated/ banded at 20° to core axis defined by alternate light and	71212	21.00	21.80	0.80	17	12	
			darker grey bands, composed of plagioclase, biotite and quartz, trace to minor fine grained	71213	21.80	23.25	1.45	5		
			disseminated to stringer pyrite, moderate to locally strong silicification, local strong carbonate	71214	23.25	24.50	1.25	<5		
			± chlorite coating fracture surfaces, local weak matrix carbonate; local strong sericite.	71215	24.50	25.50	1.00	<5		
				71216	25.50	26.50	1.00	19		
			Mafic tuffaceous layers are dark green grey, fine- grained, hard to moderately hard, non- magnetic and well	71217	26.50	27.50	1.00	20		
			foliated / banded at 20° to core axis, composed of biotite, garnet, plagioclase ± quartz. Garnets concentrated	71218	27.50	28.50	1.00	24		
			within mafic tuff layers vary in size from 2mm to 1cm, local strong silicification, local	71219	28.50	29.25	0.75	27		
			carbonate and chlorite on fractures surface, local moderate to strong epidote, trace disseminated pyrite.	71220	29.25	30.00	0.75	24		
				71221	30.00	30.95	0.95	27	28	
			21.8m to 23.25m: Intermediate- felsic layer, light grey, fine grained, moderately hard, strong sericite, local	71222	30.95	32.00	1.05	31		
			epidote?	71223	32.00	33.10	1.10	8		
				71224	33.10	34.00	0.90	5		
			27.5m to 29.25m: 30% grey 1/2cm to 3cm scale quartz veins/ bands oriented at 20° to core axis, commonly	71225	34.00	35.00	1.00	20		
			veins are discontinuous and fragmented.	71226	35.00	36.00	1.00	44		
			29.25m to 29.9m: Intensely fractured- blocky core, local clayey gouge seam at 20° to core axis,							
			strong chlorite and carbonate in fractures.							





Sheet 2 OF 4

METE	ERAGE		DESCRIPTION (colour grain size texture minerals alteration ate)		SAM	PLES		ASS	AYS
FROM	ТО			No.	FROM	TO	LENGTH	Au ppb	Au ppb
			30.95m to 32.0m: Quartz veining- 80% grey to white quartz as large quartz vein containing						
			20% host rock inclusions. 1% sulphide mineralization as fine grained disseminated to large 1cm						
			X 3cm bleb of pyrite. Contact at 30.95 at 20° to core axis. Contact at 32.0 at 20° to core axis.						
1									
			32.0m to 32.25m: Intensely fractured/ broken core, strongly sericite.						
			32.25m to 33.1m. 20% 1/2cm to 5cm scale quartz veins/ bands paralleling foliation at 20° to core						
1			axis. Local 2 to 3mm scale pyrite stringers trend parallel and normal to foliation.			<u> </u>		·····	
1						<u> </u>			
			33.1 to 36.0m: Intermediate tuff, strong sericite, foliated at 10 to 20° to core axis. <10% fine grained						
			aisseminated to medium grained blebby pyrite.	ļ. <u> </u>					
36.0	20.2	Cornetiferous Mofie	Dark grow almost block find grained way hard new magnetic and meaning (net faliated)	71007	28.00	27.70	1 70	200	
50.0	39.3	Volganielostie Rod	Dark grey, amost black, the graned, very hard, non-magnetic and massive (not rollated).	71227	30.00	37.70	1.70	300	
			biotite rich groupdmass, no visible sulphide minoralization. Diffuse sheared contact at 26.0 at	11220	31.70	39.30	1.00	15	
			low angle to core axis. Brecciated contact at 30.3	J					
			Note: Possibly matic dyka/ sill?						
39.3	59.4	Mafic Pyroclastic	Dark green-grey, fine grained, locally hard to soft, non magnetic and locally well foliated/ banded	71229	39.30	40.10	0.80	15	
			at 0 to 20° to core axis, moderate to strong fine grained biotite, 10 to locally 20% tiny 1 to 2 mm	71230	40.10	40.90	0.80	25	24
			scale garnets throughout, very local large cm scale garnets, commonly strong chlorite plus	71231	40.90	42.00	1.10	20	
			carbonate coating fracture surfaces. Overall trace to locally minor disseminated to stringer	71232	42.00	43.50	1.50	109	
			pyrite. Transitioned contact at 59.4m.	71233	43.50	45.00	1.50	23	
				71234	45.00	46.50	1.50	34	
			39.3m to 40.9m: 60% brecciated quartz veining, 1 to 10cm scale sub-rounded quartz fragments	71235	46.50	48.00	1.50	751	
			flattened within the foliation plane at 10 to 20° to core axis. Minor disseminated to blebby pyrite.	71236	48.00	49.50	1.50	88	
			Diffuse upper and lower contacts.	71237	49.50	51.00	1.50	1092	
				71238	51.00	52.50	1.50	599	
			48.25m to 48.45m: Narrow fault zone - brecciated texture, strong carbonate, cm wide massive	71239	52.50	54.00	1.50	14	15
			pyrite vein. Sharp irregular contact at 48.25m at 45° to core axis.	71240	54.00	55.20	1.20	14	

CLARK EXPLORATION CONSULTING

Sheet 3 OF 4

METE	RAGE		DESCRIPTION (colour grain size texture minerals alteration atc.)		SAM	PLES		ASS	AYS
FROM	TO			No.	FROM	то	LENGTH	Au ppb	Au ppb
			55.2m to 57.15m: 40% brecciated quartz veining, 1 to 5cm scale sub- rounded grey quartz fragments	71241	55.20	56.20	1.00	11	
			alignment within foliation plane at 20° to core axis.	71242	56.20	57.15	0.95	10	
				71243	57.15	58.40	1.25	6	
			57.15m to 59.4m: Mafic volcaniclastic bed- 20% tiny garnets in biotite rich groundmass - same as	71244	58.40	59.40	1.00	5	
			section 36.0 to 39.3.					5 6 8 10 <5	
59.4	84.65	Intermediate	Altered, silicified mineralized intermediate tuff. Light to medium grey, very fine- to fine- grained,	71245	59.40	61.00	1.60	6	
		Volcaniclastic	hard to very hard to locally moderately soft, very locally moderately magnetic and well foliated at	71246	61.00	62.00	1.00	8	
			0 to 20° to core axis, most commonly fabric at 20° to core axis, alteration of host rock to sericite	71247	62.00	62.50	0.50	10	
			± biotite, local strong sericite ± chlorite coating fracture planes, strong to intense silicification as	71248	62.50	63.50	1.00	<5	
			pervasive matrix flooding and discontinuous brecciated sub- rounded elongated white to grey	71249	63.50	64.50	1.00	<5	
			quartz veins flattened within foliation plane, local moderate patchy epidote, overall 2 to 3% sulphide	71250	64.50	65.40	0.90	<5	
			mineralization, locally up to 5% sulphides over one metre, sulphides occur as fine- to medium-	71251	65.40	66.00	0.60	<5	
			grained disseminated to blebby stringer and banded pyrite plus very minor associated pyrrhotite,	71252	66.00	67.00	1.00	12	
			majority of pyrite occurs in host rock, not within quartz veins. Locally section exhibits	71253	67.00	68.00	1.00	15	
1			a brecciated texture. Overall moderate to strong blocky fracture, locally intensely fractured.	71254	68.00	69.00	1.00	<5	<5
			Transitional contact at 84.65m over ~ one metre.	71255	69.00	70.00	1.00	_12	
í				71256	70.00	71.00	1.00	15	
			At 62.25m: Parallel quartz veining over 30cm at 25° to core axis, 3% associated medium-	71257	71.00	72.00	1.00	9	
} }			to coarse-grained blebby pyrite.	71258	72.00	73.50	1.50	6	
				71259	73.50	75.00	1.50	13	
			65.2m to 66.0m: Intensely fractured. Strong chlorite, 1% pyrite.	71260	75.00	76.50	1.50	24	
				71261	76.50	77.50	1.00	41	
			66.0m to 67.5m: 50% grey quartz veining at 20° to core axis, 5% stringer to disseminated pyrite.	71262	77.50	79.00	1.50	21	
				71263	79.00	80.50	1.50	38	24
			67.8m to 76.0m: Strong to intensely fractured core, strong chlorite coating fracture surfaces.	71264	80.50	82.00	1.50	47	
				71265	82.00	83.50	1.50	_37	
			69.0m to 70.5m: 20% Brecciated quartz veining and 5% disseminated to stringer pyrite.	71266	83.50	84.65	1.15	27	
			Strongly foliated 0° to core axis.						



Sheet 4 OF 4

METE	RAGE		DESCRIPTION (colour grain cize texture minerale alteration ate)		SAM	PLES		ASS	AYS
FROM	TO		DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.)	No.	FROM	то	LENGTH	Au ppb	Au ppb
			71.0m to 71.8m: 25% brecciated quartz veining and 5% blebby to discontinuous stringer pyrite.						
			71.9m to 72.2m: Intense pervasive silicification, browny - buff. No visible sulphides.						
			73.5m to 75.0m: Brecciated section, 50% sub- rounded to angular white to grey quartz fragments/ brecciated veins and 2 to 3% blebby to discontinuous stringer pyrite, contorted / disrupted sub- section. Transitioned upper and lower contacts.						
			75.0m to 77.5m: Pervasive silicification of foliated to brecciated host tuff, local veiny to patchy carbonate, overall 1 to 2% pyrite.						
			76.5m to 77.5m: 5% blebby to fracture- filling pyrite.						
			77.5m to 84.65m: Strong to intense pervasive silicification, 1% disseminated to blebby pyrite.	71267	84.65	86.00	1.35	<5	
				71268	86.00	87.50	1.50	<5	
84.65	108.0	Garnetiferous Mafic	Dark grey, fine- grained, hard, non- magnetic and weakly foliated at 15° to core axis, composed	71269	87.50	88.50	1.00	<5	
ľ	End of	Volcaniclastic (Tuff)	of 10 to 30% small 1 to 2mm pinky white sub- hedral to anhedral garnets set in a very fine	71270	88.50	89.60	1 10	<5	
	Hole		grained matrix composed of 10% biotite and 60% plagioclase. 5 to 10% brecciated white bullish	71271	89.60	91.00	1.40	9	
			quartz veins flattened within foliation plane, trace fine grained pyrite in host rock and quartz veins.	71272	91.00	92.00	1.00	<5	<5
ĺ				71273	92.00	93.50	1.50	<5	
			89.6m to 92.0m: 25% 5mm to 3cm wide flattened, boudinaged white quartz veins oriented at 20°	71274	93.50	94.50	1.00	8	
			to parallel to core axis.	/12/5	94.50	97.00	2.50	<5	
1				/12/6	97.00	98.50	1.50		
1			98.6m to 99.7m. Well foliated sub-section foliated at 25° to core axis, contains 25%	/12//	98.50	99.70	1.20	<5	
1			fragmented quartz veins.	71278	99.70	101.00	1.30	<5	
				71279	101.00	102.50	1.50	<5	
				71280	102.50	104.00	1.50	<5	
				71201	104.00	105.50	1.50	< <u>-</u>	<u>c></u>
				71202	105.00	107.00	1.00	<0	
				11203	107.00	100.00	1.00	<0	



PROPERTY: Sidace Lake	CLAIM NUMBER:	1210390	DOWNHOLE SURV	VEY: Acid Tests		DRILLING COMPANY: Chibougamau Diamond Drilling Inc.						
HOLE NO.: RL-02-09	LENGTH: 150 metres	CORE SIZE: NQ		DEPTH	DIP	DEPTH DIP	REMARKS: Core Storage: Red lake					
PROJECT NUMBER:	NORTHING: 49+25N	EASTING: 39+50E		30m	-46°							
ELEVATION:	UTM northing: 5681198	UTM easting: 0462289		111m	-44°		DATE LOGGED: July 3 to 6, 2002					
COLLAR ORIENTATION (AZIMUTH)	/ DIP); PLANNED: 140° / -45°	SURVEYED:					LOGGED: Ike Osmani					
EXPLORATION CO., OWNER OR OI	PTIONEE: Planet Exploration Inc.						SIGNATURE:					
HOLE STARTED: June 29, 2002	HOLE FINISHED: June 30, 2002	DECLINATION:	1°E				SHEET 1 OF 6					

METE	RAGE		DESCRIPTION (colour grain cize texture minarely alteration etc.)]	SAM	PLES		ASS	AYS
FROM	TO	ROCKTIFE	DESCRIPTION (Colour, grain size, texture, minerals, alteration, etc.)	No.	FROM	то	LENGTH	Au ppb	Au ppb
0	30.5	Overburden	Sand / clay and boulders						
30.5	51.3	Mafic to Intermediate	Interval primarily composed of garnetiferous mafic to intermediate metavolcanic rocks with minor	65234	30.50	32.50	2.00	34	
	:	Volcanics	garnetiferous sections of altered intermediate tuffaceous rock of uncertain protolith.	65235	32.50	34.00	1.50	11	
			The mafic metavolcanic is greyish- green to green and generally foliated (where unaffected by alteration).	65236	37.50	39.00	1.50	20	
			Generally, chlorite and sericite alteration affected the rock most. However, within the fault zone, patchy but	65237	39.00	40.50	1.50	45	
			intense hematite alteration is the dominant alteration product. The unit is also locally silicified. Garnet	65238	40.50	42.90	2.40	13	
			porphyroblasts ranging from <2mm to 8mm across, are widely distributed, and locally make up 40-50% of	65239	42.90	45.00	2.10	31	
ĺ			the rock.	65240	45.00	46.00	1.00	58	
				65241	50.00	51.30	1.30	45	
			The mafic to intermediate metavolcanic is fine- to medium- grained. Locally medium- grained, gabbroic looking						
1									
		Foliation at 50° to core axis.							
		32.2m - 32.8m: Greyish- white quartz vein with host rock inclusions.							
		Trace amount of sulphides, upper contact sharp but irregular, lower contact brecciated and broken.							
		38.0m - 49.8m: Highly broken to rubbly core (locally only 70% core recovery) possibly representing a							
	fault zone. Intense hermatite alteration between 42.9 - 45.0m, schistosity at 50° to 55° to core axis.								



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Sheet OF 2 6

METE	RAGE		DESCRIPTION (colour grain size texture minorals alteration etc.)		SAM	PLES		ASS	AYS
FROM	то	ROOKTIL	DESONT HON (COOM, grain size, texture, initialis, atteration, etc.)	No.	FROM	ТО	LENGTH	Au ppb	Au ppb
51.3	70.3	Mixed Intermediate-	Interval consists of predominantly intermediate (andesitic- dacitic) tuffaceous metavolcanics with	652 42	51.30	52.60	1.30	22	
		Mafic Volcanic	minor intercalations of garnetiferous mafic metavolcanics and sericite schist of felsic to	65243	52.60	54.00	1.40	15	13
		Rocks	intermediate composition. The intermediate volcanic locally appears to be silicified mafic	65244	54.00	55.50	1.50	<5	
			metavolcanic. The intermediate tuffaceous unit is grey to greenish-grey, fine grained and	65245	55.50	56.90	1.40	8	
			moderately to strongly foliated. Less than 1% sulphides (pyrite ± pyrrhotite) occur as	65246	56.90	57.30	0.40	7	
			disseminations or as stringers. Foliation varies from 35° - 50° to core axis. Low angle foliations	65247	57.30	57.70	0.40	12	
			are generally noted adjacent to the fault zone within the upper part of the interval.	65248	57.70	59.00	1.30	13	
				65249	59.00	59.80	0.80	159	
[52.6m to 55.5m: Intermediate to felsic metavolcanics are strongly altered (silicified and sericitized) and	65250	59.80	60.00	0.20	<5	
			foliated to schistose, trace to <1% sulphides.	65251	60.00	61.20	1.20	6	
				65252	61.20	62.50	1.30	<5	<5
			55.5m to 56.3m: Garnetiferous mafic metavolcanic.	65253	62.50	64.00	1.50	<5	
				65254	64.00	65.00	1.00	<5	
			56.9m to 57.7m: White quartz vein with minor host rock inclusions, fractured and brecciated in						
			the lower half of the section, blebby pyrite (~1%) in brecciated part of the vein.	65255	69.20	69.70	0.50	45	
				65256	69.70	70.30	0.60	34	
			57.3m to 57.7m: Garnetiferous mafic metavolcanic.						
			59.5m to 59.8m: Garnetiferous mafic metavolcanic.						
			59.8m to 60.0m: Schistose felsic metavolcanic (sericite schist?)						
			 61.2m to 65.0m: Pervasively silicified intermediate or mafic metavolcanic, trace sulphides, 8cm - 10cm wide white quartz vein at 61.7m, foliation at 50° to core axis. 67.05m to 69.2m: Strong to intense silicification of intermediate or mafic metavolcanic. 69.2m to 70.3m: Predominantly garnetiferous mafic metavolcanic with minor sericite schist, locally blebby pyrite (5-10%) in fractures. 						



Sheet 3 OF 6

METE	RAGE		DESCRIPTION (colour grain size texture minerals alteration etc.)		SAM	PLES		ASS	SAYS
FROM	то		DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.) Interval primarily comprised of well mineralized zone of biotite- sericite ± chlorite - quartz schist of uncertain protolith. The biotite- sericite schist (greyish- brown) is the predominant constituent with he zone followed by chlorite- sericite (grey- green) dominanted schist. Quartz occurs in both typ of schists. Overall composition of the zone appears to be of intermediate composition. 3-5%, ocally 10-12%, fine- grained pyrite- pyrrhotite occurs along foliation planes. Foliation at 50° to core axis. Sulphide content tends to be higher within the biotite-quartz schist compared to he chlorite-sericite ± quartz schist. '0.3m - 72.0m: Sericite ± biotite schist, greyish-brown colour, strongly foliated and crenulated. Strongly mineralized (10-20% pyrite - pyrrhotite) Interval is characterized by zone of highly to moderately altered diking and local fracturing. Weal o highly altered feldspar porphyry comprises the majority of the interval. Other types of dikes gabbro and fine- grained, mafic to intermediate dikes) are also common within the zone. These dikes intruded the volcaniclastics and contain host rock nclusions / rafts. Trace to locally massive blebs of sulphides occur along fractures. 44.0m - 84.3m: Amphibole phyric, mafic to intermediate dike. 44.3m - 87.4m: Garnetiferous mafic to intermediate volcanic (volcaniclastics?). Quartz vein with host rock at 86.7m- 87.15m	No.	FROM	то	LENGTH	Au ppb	Au ppb
70.3	84.0	Mineralized Alteration	Interval primarily comprised of well mineralized zone of biotite- sericite ± chlorite - quartz schist of	65257	70.30	72.00	1.70	34	
1		Zone	uncertain protolith. The biotite- sericite schist (greyish- brown) is the predominant constituent within	65258	72.00	73.00	1.00	<5	
			the zone followed by chlorite- sericite (grey- green) dominanted schist. Quartz occurs in both types	65259	73.00	74.50	1.50	8	
	ľ		of schists. Overall composition of the zone appears to be of intermediate composition. 3-5%,	65260	74.50	76.00	1.50	6	
			locally 10-12%, fine- grained pyrite- pyrrhotite occurs along foliation planes. Foliation at 50° to	65261	76.00	77.50	1.50	7	5
			core axis. Sulphide content tends to be higher within the biotite-quartz schist compared to	65262	77.50	79.00	1.50	<5	
			the chlorite-sericite ± quartz schist.	65263	79.00	80.50	1.50	<5	
				65264	80.50	82.00	1.50	<5	
			70.3m - 72.0m: Sericite ± biotite schist, greyish-brown colour, strongly foliated and crenulated.	65265	82.00	83.00	1.00	6	
			Strongly mineralized (10-20% pyrite - pyrrhotite)	65266	83.00	84.00	1.00	5	
		}							
84.0	107.0	Dyke Zone/	Interval is characterized by zone of highly to moderately altered diking and local fracturing. Weakly	65267	84.00	84.30	0.30	<5	
	-	Structural Zone	to highly altered feldspar porphyry comprises the majority of the interval. Other types of dikes	65268	84.30	86.00	1.70	32	
			(gabbro and fine- grained, mafic to intermediate dikes) are also common within the zone.	65269	86.00	86.70	0.70	9	
			These dikes intruded the volcaniclastics and contain host rock	65270	86.70	87.12	0.42	<5	<5
			inclusions / rafts.	65271	87.12	88.50	1.38	249	
			Trace to locally massive blebs of sulphides occur along fractures.	65272	88.50	89.50	1.00	7	
				65273	89.50	91.10	1.60	6	
			84.0m - 84.3m: Amphibole phyric, mailic to intermediate dike.	65274	91.10	91.24	0.14	<5	
				65275	91.24	92.80	1.56	9	
			84.3m - 87.4m: Garnetiferous mafic to intermediate volcanic (volcaniclastics?). Quartz vein with	65276	92.80	94.00	1.20	7	
			host rock at 86.7m- 87.15m	65277	94.00	95.50	1.50	14	
				65278	95.50	97.00	1.50	51	
			91.1m - 91.3m: Strongly foliated ± silicified volcaniclastic rock of intermediate composition.	65279	97.00	98.70	1.70	22	18
				65280	98.70	100.00	1.30	8	
			91.3m - 92.8m: Amphibole- phyric intermediate dike, blebby pyrite in fractures.	65281	100.00	101.50	1.50	16	
]			96.0m - 96.25m: Mafic dike. Fine grained, massive / non-foliated and green colour, upper						
			and lower contacts broken.						



Sheet 4 OF 6

METE	RAGE		DESCRIPTION (actour grain cize texture minerals alteration etc.)		SAM	PLES		ASS	AYS
FROM	TO		DESCRIPTION (COlour, grain size, texture, initierals, alteration, etc.)	No.	FROM	то	LENGTH	Au ppb	Au ppb
			96.25m - 97.8m: Sericite schist, locally silicified, upper contact marked by silicification and the						
			lower contact is sharp but irregular, no visible sulphides.						
	ſ	[
			97.8m - 98.7m: Fine- grained mafic dike or mafic metavolcanic?						
	-					112.80 1.80 404 114.30 1.50 75 115.90 1.60 14 117.50 1.60 10 119.00 1.50 378			
			98.7m - 101.5m: Cherty (silicified) volcaniclastic, no visible sulphide mineralization, foliation /						
			bedding @ 60° to core axis.	nineralization, tollation / nyritic, upper and lower e sulphides. akly foliated, contains 2 -5 mm egularly broken. 65282 111.00 112.80 1.80 404 65283 112.80 1.80 404 65283 112.80 1.60 404 65283 112.90 1.60 14					
			105.25m - 105.6m; Mafic dike. Fine grained, green and weakly porphyritic, upper and lower	Fine grained, green and weakly porphyritic, upper and lower * to core axis, respectively, no visible sulphides. > oro, medium grained, massive to weakly foliated, contains 2 -5 mm > io visible sulphides, lower contact irregularly broken.					
			contacts fractured @ 50° and 60° to core axis, respectively, no visible sulphides.						
		ĺ	n - 107.0m: Diorite to gabbro, medium grained, massive to weakly foliated, contains 2 -5 mm mphibole needles/ laths, no visible sulphides, lower contact irregularly broken. 65283 112.80 114.30 1.50 75						
			the fractured @ 50° and 60° to core axis, respectively, no visible sulphides. n - 107.0m: Diorite to gabbro, medium grained, massive to weakly foliated, contains 2 -5 mm mphibole needles/ laths, no visible sulphides, lower contact irregularly broken. al primarily composed of finely bedded to laminated volcaniclastic rocks of intermediate to composition. The beds / laminations are of variable composition, ranging from intermediate to composition. The beds of intermediate composition dominate the unit. Mafic beds are ally narrow, magnetic and gametiferous. The volcaniclastics generally contain trace						
				e needles/ laths, no visible sulphides, lower contact irregularly broken.65282111.00112.801.80404rily composed of finely bedded to laminated volcaniclastic rocks of intermediate to ition. The beds / laminations are of variable composition, ranging from intermediate to65282111.00112.801.8040465283112.80114.301.507565284114.30115.901.6014					
107.0	150.0	Intermediate to	Interval primarily composed of finely bedded to laminated volcaniclastic rocks of intermediate to	65284	114.30	115.90	1.60	14	
	End of	Felsic Volcaniclastics	felsic composition. The beds / laminations are of variable composition, ranging from intermediate to	65285	115.90	117.50	1.60	10	
	Hole		mafic composition. The beds of intermediate composition dominate the unit. Mafic beds are	65286	117.50	119.00	1.50	378	
			generally narrow, magnetic and gametiferous. The volcaniclastics generally contain trace						
			amount of sulphides, locally mm scale blebby, pyrite stringers occur parallel to the bedding and	65287	119.00	119.90	0.90	152	
			foliation. Foliation is sub-parallel to bedding @ 50° to core axis, locally shallows to 30°	65288	124.40	125.70	1.30	92	89
		1	(@ 118.5m) to core axis. Metre scale sections of sericite schist and silicified (cherty) zones occur	65289	125.70	127.00	1.30	174	
ľ			locally. The silification is generally pervasive silica flooding in the form of	65290	127.00	128.00	1.00	88	
			quartz vein/ pods. The volcaniclastics are strongly foliated and locally crenulated within	65291	128.00	129.40	1.40	132	
			and adjacent to faults. The faults are generally characterized by highly fractured/ broken core and	65292	129.40	131.00	1.60	56	
			quartz veining / silica- flooding.	65293	131.00	132.20	1.20	305	
				65294	132.20	134.00	1.80	20	
1			With the exception of a few local sulphide stringers paralleling bedding/ foliation, the	65295	134.00	135.80	1.80	41	
			unit contains only trace to <1% of sulphides. The sulphide stringers are most common in the	65296	135.80	136.90	1.10	110	
			sericite schist of intermediate to felsic composition, and on fractured surfaces.	65297	136.90	138.00	1.10	44	34
				65298	138.00	138.70	0.70	35	

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OF Sheet 5 6

METE	RAGE		DESCRIPTION (colour grain size texture minorals alteration atc.)		SAM	PLES		ASS	AYS
FROM	ТО	NOOKTIFE		No.	FROM	TO	LENGTH	Au ppb	Au ppb
			111.0m - 115.9m: Sericite ± chlorite ± biotite schist, trace sulphides, foliation @ 50° to core axis.						
				65299	138.70	140.00	1.30	47	
			125.7m - 128.0m: Quartz vein and silica flooded host rock fractures (hair-thin to few mm	65300	140.00	141.50	1.50	208	
1			wide) fractures are filled with blebby sulphides (3-5% pyrite)	65301	141.50	143.00	1.50	24	
				65302	143.00	144.10	1.10	29	
			128.0m - 129.4m: Highly sericitized and moderately to strongly silicified section (sericite schist)	65303	144.10	144.60	0.50	36	
			silvery grey colour, no visible sulphides.	65304	144.60	146.40	1.80	25	
				65305	146.40	148.00	1.60	22	
			132.2m - 135.8m: Sericite schist. Similar to 128.0m - 129.4m except it is relatively more biotitic	65306	148.00	148.70	0.70	24	20
			than in the preceding section.	65307	148.70	149.60	0.90	5	
				65308	149.60	150.00	0.40	64	
			135.8m - 136.9m: Moderate to strong silica- flooding, 1-2% medium grained blebby pyrite.						
[[
			136.9m - 138.0m: Intermediate to felsic crowded feldspar porphyry whitish- grey, massive to						
			foliated, 40-50% anhedral to sub- hedral feldspar crystals, trace amount cf sulphides,						
			upper contact 20° to core axis, lower contact irregularly broken,						
			138.0m - 138.7m: Host rock (tuff?) with feldspar porphyry inclusions. Brecciated/ fractured,						
			massive blebby pyrite filling the fractures in the centre of the section.						
			141.5m - 144.1m: Strongly foliated and crenulated volcaniclastic rock, crenulation cleavages at						
			right angles to the core axis, locally, massive pyrite stingers occur sub- parallel to core axis.						
			144.1m - 144.6m: Strongly silicified zone. Approx. 1% fine- to medium- grained blebby pyrite.					·	



OF Sheet 6 6

FROM TO KOCK (1)-2 Description (color), grain size, extruer, milerals, iteration, etc.) No. FROM TO LENGTH Au pp Id4.8m - 146.4m 146.4m 146.4m. Moderately to strongly schilsches volcanic/dastic (serindle schilst), no visible <th>SAYS</th>	SAYS
144 6m. 146 4m. Moderately to strongly schistose volcaniclastic (sericite schist), no visible	Au ppb
sulphides, sharp contact @ 30° to core axis, foliation @ 45° to core axis. 146.4m - 148.7m: Intermediate to felsic crowded feldspar porphyry. Similar to 136.9m - 138.0m. Upper contact altered and sharp to diffuse, lower contact sharp @ 20° to core axis. 149.9m - 150 0m: Altered intermediate to felsic volcaniclastic rock.	
146.4m - 148.7m: Intermediate to felsic crowded feldspar porphyry. Similar to 136.9m - 138.0m. 146.9m - 149.9m: Intermediate to felsic crowded feldspar porphyry similar to 136.9m - 138.0m. Upper contact altered and sharp to diffuse, lower contact sharp @ 20° to core axis. 149.9m - 150.0m: Altered intermediate to felsic volcaniclastic rock.	
146.4m - 148.7m: Intermediate to felsic crowded feldspar porphyry. Similar to 136.9m - 138.0m. 146.9m - 149.9m: Intermediate to felsic crowded feldspar porphyry similar to 136.9m - 138.0m. Upper contact altered and sharp to diffuse, lower contact sharp @ 20* to core axis. 149.9m - 150.0m: Altered intermediate to felsic volcaniclastic rock.	
146.4m 149.9m: Intermediate to tesise crowded feldspar porphyry similar to 136.9m - 138.0m. Upper contact altered and sharp to diffuse, lower contact sharp @ 20* to core axis. 149.9m - 150.0m: Altered intermediate to felsic volcaniclastic rock.	<u> </u>
148.9m - 149.9m: Intermediate to felsic crowded feldspar porphyry similar to 136.9m - 138.0m.	L
146.9m - 149.9m: Intermediate to felsic crowded feldspar porphyry similar to 136.9m - 138.0m.	
Upper contact altered and sharp to diffuse, lower contact sharp @ 20* to core axis.	
149.9m - 150.0m: Altered intermediate to felsic volcaniclastic rock.	
149.9m - 150.0m: Altered intermediate to felsic volcaniclastic rock.	
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PROPERTY: Sidace Lake	LOCATION: Red Lake	CLAIM NUMBER: 1210390	DOWNHOLE SUR	VEY: Acid Tests		DRILLING COMPANY: Chibougmau Diamond Drilling Inc.					
HOLE NO.: RL-02-10	LENGTH: 219.0 metres	CORE SIZE: NQ	DEPTH	DIP	DEPTH DIP	REMARKS: Core Storage: Red Lake					
PROJECT NUMBER:	NORTHING: 49+75N	EASTING: 37+00E	9m	-46°							
ELEVATION:	UTM northing: 5681105	UTM easting: 0462041	195m	-43°		DATE LOGGED: July 7, 2002 - July 9, 2002					
COLLAR ORIENTATION (AZIMUTH /	DIP); PLANNED: 140°/-45°	SURVEYED:				LOGGED: Brian Nelson					
EXPLORATION CO., OWNER OR OP	TIONEE: Planet Exploration Inc.					SIGNATURE:					
HOLE STARTED: June 25, 2002	HOLE FINISHED: July 3, 2002	DECLINATION: 1°E				SHEET 1 OF 6					

METE	RAGE		DESCRIPTION (colour grain size texture minerals alteration etc.)		SAM	PLES		ASS	AYS
FROM	ТО	KOCKTIFE	DESCRIPTION (COlour, grain size, texture, minerals, alteration, etc.)	No.	FROM	TO	LENGTH	Au ppb	Au ppb
0.0	8.0	Overburden	Sand, gravel, boulders- moraine						
8.0	51.3	Sediments (Pelitic- Siltstone Sediment)	Light grey to medium green-grey, fine- grained, hard, non-magnetic and well bedded/ laminated on a mm to metre scale; most commonly bedding on a mm to cm scale defined by alternating light grey and dark green grey beds oriented @ 50 to 70° to core axis; yery local, yery minor cross cutting cm scale white to grey	71285	12.00	12.50	0.50	<5	
		quartz veinlets, very locally beds are contorted/ folded, very local minor garnets, local minor to moderate stockwork- like feldspathic stringers, essentially non-magnetic- very local trace fine grained disseminated pyrite. Note: Appears to be inter-bedded pelite and siltstone (feldspathic bands) Bedding @ 60-90° to core axis as approach lower contact. Sharp irregular intrusive contact @ 51.3		71286	22.00	23.00	1.00	<5	
				71287	29.00	30.00	1.00	56	
			29.3 - 29.9m: 50% fine stockwork of feldspathic stringers- possibly healed brittle fault?	71288	42.50	43.50	1.00	<5	
			49.8 - 51.05m: Quartz Diorite Dykelet. Contact at 49.8 @ 90° to core axis. Contact at 51.05 @ 40° to core axis.						
51.3	62.6	Quartz Diorite Dyke	Slightly greenish- grey, medium- grained, very hard, equigranular, non- magnetic and very weakly foliated at 70° to core axis, composed of 30% dark green- black mafic crystals (amphibole) 60% white plag and 10%	71289	51.30	53.00	1.70	<5	
			grey quartz, 5% 3mm to 3cm scale erratic grey quartz veining, minor erratic narrow dark- green- black mafic stringers, local patchy feldspathic flooding / alteration over 10cm to 1 metre, 0.5% fine-grained disseminated	71290	56.50	57.50	1.00	<5	
		pyrite throughout, local medium- to coarse- grained blebby pyrite. Sharp contact at 62.6 @ 60° to core axis.	71291	61.10	62.60	1.50	<5	<5	
			51.4 - 54.5m: Patchy creamy- buff to slightly pinky- buff feldspathic alteration - 5% grey 1 to 5cm scale quartz veins.						



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CLARK EXPLORATION CONSULTING

Sheet 2 OF 6

METE	RAGE	POCK TYPE	DESCRIPTION (colour grain size texture minerals alteration etc.)		SAM	PLES		ASS	AYS
FROM	TO	RUCKTIFE	DESCRIPTION (COOUR, grain size, texture, ininerals, alteration, etc.)	No.	FROM	TO	LENGTH	Au ppb	Au ppb
			56.5 - 57.5m: Brecciated texture, strong white feldspathic alteration. 3% fine- to medium- grained						
	:		disseminated to blebby pyrite.						
62.6	86.0	Mafic Volcaniclastic	Dark grey- green, fine grained, hard, very locally weakly magnetic and moderately well foliated at	71292	62.60	63.60	1.00	<5	
			70° to core axis, minor narrow discontinuous quartz veinlets in foliation planes to locally cross-	71293	63.60	65.00	1.40	6	
			cutting foliation, overall moderately fractured, commonly chlorite coating fractures paralleling	71294	67.85	69.30	1.45	<5	
			foliation, weakly mineralized unit contains trace fine grained disseminated pyrite with local pyrite	71295	69.30	70.30	1.00	<5	
			smeared on fracture surfaces.	71296	70.30	72.00	1.70	<5	
				71297	72.00	73.50	1.50	<5	
			At 63.65 - 10cm wide diorite dyke clipping core @ 15° to core axis.	71298	73.50	75.00	1.50	<5	
			63.9 - 64.25m: 5% Fine- grained disseminated pyrite plus 10cm wide light green- grey intermediate						
			layer exhibiting parallel bedding contacts @ 60° to core axis.						
			64.25 - 64.55m: Diorite Dykelet, contains minor 1 to 3cm scale flattened mafic xenoliths. Sharp						
			contact at 64.25 @ 70° to core axis. Sharp contact at 64.55 @ 35° to core axis.						
ł			66.9 - 67.85m: Mafic dike- amphibole phyric - 25% 1 to 3mm dark green black amphibole crystals	L					
			set in a fine-grained plagioclase rich groundmass. No sulphides. Sharp contact at 66.9 @ 45°						
			to core axis. Sharp, wavy contact at 67.85 @ ~40° to core axis.						
			81.0 - 82.6m: Feldspar Porphyry Dyke. Medium- grained, green- grey, hard, non- magnetic, and						
			weakly foliated at 80° to core axis. Composed of 35% 1mm to 4mm scale creamy white anhedral						
1			plagioclase crystals set in a fine- grained grey groundmass, local minor white- grey quartz						
1			veining, minor fine grained disseminated pyrite. Sharp contact at 81.0 @ 80° to core axis.						
			Sharp contact at 82.6 @ 80° to core axis.						
86.0	104.5	Fragmented Mafic	Medium to dark green- grey, hard to soft, moderately magnetic and well foliated @ 60° to core axis	71299	87.00	88.50	1.50	<5	<5
		Volcaniclastic	composed of 80% fine- grained mafic ash, 10% 3mm to 3cm scale light grey felsic ash bands,						
			10% flattened fragments - either flattened felsic lapilli oriented within foliation plane or	71300	96.00	97.50	1.50	<5	

CLARK EXPLORATION CONSULTING

Sheet 3 OF 6

METE	RAGE	ROCK TYPE	DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.)		SAM	PLES		ASSAYS		
FROM	то			No.	FROM	TO	LENGTH	Au ppb	Au ppb	
			flattened- boudinaged felsic ash beds- not sure if fragments are volcanic of tectonic. Local patchy							
			mm size garnets, local minor to moderate chlorite coating fractures, very minor white quartz	71301	102.00	103.50	1.50	<5		
		·	veining. Minor sulphide mineralization as fine grained disseminated pyrite plus mm scale pyrite							
			and pyrrhotite stringers within foliation plane. Transitional upper and lower contacts.	71302	103.50	104.50	1.00	<5		
			97.0 - 97.25m: Quartz vein, grey-white, bullish, no sulphides, contains 5% mafic inclusions.							
			103.5 - 104.0m: Contorted and deformed, 1% coarse- grained blebby pyrrhotite.							
1045	400.0	Main and the state	Determined of the state of the state of the fact will be determined as a state of the state of t	74000	404.50	400.00	4.50			
104.5	122.9	Mineralized	Dark green- grey, fine grained, hard and strongly magnetic, texturally and compositionally same as	/1303	104.50	106.00	1.50	<5		
		Fragmented Matic	previous uphole section from 86.0 to 104.5 except this section is well mineralized containing 5%	71304	106.00	107.50	1.50	<5		
		Volcanic	sulphide mineralization over the section as medium grained disseminated to coarse grained	71305	107.50	109.00	1.50			
			blebby to stringer pyrite and pyrrhotite (~1:1 ratio), occasional medium- grained intermediate lapilli	/1306	109.00	110.50	1.50	<5		
			sized fragments. Very gradational decrease in sulphide mineralization to 122.9.	71307	110.50	112.00	1.50	17		
				71308	112.00	113.50	1.50	14		
ł			113.95 - 114.95m: Gabbroic Dyke, medium grained, grey-green, hard, non- magnetic and	71309	113.50	115.00	1.50	9	5	
			moderately foliated at 70° to core axis. Minor fine grained disseminated pyrite. Contact at 113.95	71310	115.00	116.50	1.50	<5		
			at 80° to core axis. Contact at 114.95 @ 60° to core axis.	71311	116.50	117.45	0.95	<5		
				71312	117.45	118.35	0.90	<5		
			117.45 - 118.35m: Matic Dyke, amphibole phyric, 25% 1 to 5mm flattened matic crystals set in	71313	118.35	120.00	1.65	<5		
			fine grained groundmass. Well foliated @ 60° to core axis. Upper and lower contacts @ 75° to	71314	120.00	121.50	1.50	<5		
			core axis.	71315	121.50	122.90	1.40	<5		
100.0	100 5									
122.9	129.5	iviatic voicaniciastic	Dark green- grey, fine- grained, nard, locally moderately magnetic and well foliated/ banded at 70°							
			to core axis defined by 20% parallel mm to cm scale feisic bands and fragments?, minor to 0.25%		·				[
			suipnide mineralization as fine- grained disseminated pyrite and mm stringer pyrrhotite and pyrite.							
			Transitioned contact over 25cm at 120 5 defined by increase in cylphide mineralization							
			i ransitioned contact over 25cm at 129.5 defined by increase in sulphide mineralization.							
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CLARK EXPLORATION CONSULTING

Sheet 4 OF 6

METERAGE			DESCRIPTION (colour grain size texture minerals alteration etc.)		SAM	PLES		ASSAYS		
FROM	то			No.	FROM	то	LENGTH	Au ppb	Au ppb	
129.5	139.7	Mineralized	Composed of alternate 3cm to 1 metre sub- sections of finer medium grained dark green, hard and	71316	129.50	131.00	1.50	10		
		Fragmental Mafic	locally magnetic mafic volcanic and grey, fine grained, very hard, strongly magnetic and intensely	71317	131.00	132.50	1.50	<5		
		Volcanic	silicified fragmented volcanic, overall section 50:50 silicified and non-silicified mafic volcanic. Non-	71318	132.50	134.00	1.50	22	16	
			silicified sub-sections contain minor to 0.25% disseminated pyrite to pyrrhotite, silicified sections	71319	134.00	135.20	1.20	15		
			contain 1 to 3% disseminated to stringer pyrrhotite and pyrite. Contact at 139.7 @ 75° to core axis.	71320	135.20	136.70	1.50	<5		
				71321	136.70	137.55	0.85	<5		
			137.55 - 138.5m: Mafic Dyke - amphibole phyric, composed of 25% 1 to 3mm scale dark green-	71322	137.55	138.50	0.95	<5		
			black amphiboles plus local minor white plagioclase phenocrysts set in a fine grained intermediate -	71323	138.50	139.70	1.20	6		
			mafic groundmass. Sharp upper and lower contacts @ 80- 90° to core axis.	71324	139.70	141.00	1.30	<5		
				71325	141.00	142.50	1.50	<5		
139.7	156.35	Intermediate	Medium grey to brownish- grey, fine- to finer- medium grained, hard, locally moderately	71326	142.50	144.00	1.50	<5		
		Volcaniclastic	magnetic and foliated @ 80° to core axis, local appearance of lapilli fragments define sub-sections/	71327	144.00	144.30	0.30	19	20	
			layers of lapilli tuff and ash tuff, gradational increase in mafic content downhole thru section to	71328	144.30	145.40	1.10	<5		
			intermediate - mafic tuff in lower half of unit, local large > 1cm scale garnets as approach lower	71329	145.40	146.60	1.20	10		
			contact, local brown matrix alteration-iron carbonate Trace to locally 0.25% disseminated	71330	146.60	148.00	1.40	16		
			to blebby pyrite and pyrrhotite. Contact at 156.35 @ 75° to core axis.	71331	148.00	149.50	1.50	21		
				71332	149.50	151.45	1.95	89		
			At 144.25 - 3cm quartz vein plus 3cm wide massive pyrrhotite band, contacts at 80 to 90° to core axis.	71333	151.45	152.35	0.90	1578		
				71334	152.35	153.50	1.15	430		
			145.0 - 146.5m: Lapilli tuff- 40% mafic to felsic fragments.	71335	153.50	155.00	1.50	3608		
				71336	155.00	155.90	0.90	512	506	
			151.45 - 152.35m: Quartz vein- white, fractured, quartz containing 30% irregular host rock inclusions	71337	155.90	156.35	0.45	266		
			and stringers, 2-3% medium- to coarse- grained disseminated to blebby pyrite. Irregular							
			upper and lower contacts at 70° to 80° to core axis.							
			152.75 - 153.1m: Felsic bed / dykelet. Finer medium grained, buff grey, broken irregular contacts,							
			no sulphides.							
			At 155.0 - 10% medium- grained blebby pyrrhotite over 10cm.							

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OF Sheet 5 6

METE	RAGE		DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.)		SAM	ASSAYS			
FROM	то		DESCRIPTION (COlour, grain size, texture, initieralis, alteration, etc.)	No.	FROM	TO	LENGTH	Au ppb	Au ppb
			155.9 - 156.2m: Quartz vein- grey, fractured containing 25% mafic inclusions and veinlets, minor						
			disseminated to stringer pyrite. Sharp irregular contact at 155.9 at low angle to core axis.						
			Sharp irregular contact at 156.2 at high angle to core axis.						
		•							l
156.35	188.3	Felsic Tuff	Light to medium grey, fine- grained, very hard, non- magnetic and generally foliated @ 70° to core	71338	156.35	157.20	0.85	24	
] [axis. Composed of moderately altered plagioclase and quartz, locally 5 to 10% fine grained mafic	71339	157.20	158.20	1.00	1165	L
			crystals, local fine grained brown alteration of plagioclase, minor white to grey quartz stringers,	71340	158.20	158.75	0.55	91	I
			veinlets and veins. Overall trace to minor very fine grained disseminated pyrite within matrix and	71341	158.75	159.30	0.55	13	
			associated narrow quartz stringers. Transitioned upper contact. Gradational contact at 188.3.	71342	159.30	160.50	1.20	13	
				71343	160.50	162.00	1.50	<5	L
			158.2 - 158.75m: 50% white contorted quartz vein crudely paralleling core axis, local	71344	162.00	163.50	1.50	<5	L
			coarse grained pyrrhotite and pyrite.	71345	163.50	165.00	1.50	<5	<5
1				71346	165.00	166.50	1.50	<5	
1	i		158.95 - 159.3m: 50% quartz vein, plus 50% coarse grained altered host rock- strong tormaline	71347	166.50	168.00	1.50	<5	
			and epidote, trace fine grained disseminated pyrite.	71348	168.00	169.50	1.50	<5	
				71349	169.50	171.00	1.50	<5	
			164.9 - 165.0m: Fractured grey- white quartz vein containing 3 to 5mm scale epidote stringers,	71350	171.00	172.50	1.50	<5	
			no sulphides.	71351	172.50	174.00	1.50	<5	
				71352	174.00	175.50	1.50	5	
			At 175.1 - 5cm wide quartz vein containing minor coarse- grained pyrite, vein oriented	71353	175.50	177.00	1.50	<5	
			at 30° to core axis.	71354	177.00	178.50	1.50	6	7
				71355	178.50	180.20	1.70	<5	
			180.2 - 180.85m: Quartz vein, white, bullish vein containing 10% host rock inclusions, no sulphides	71356	180.20	181.30	1.10	9	
			Vein oriented at 15° to core axis.	71357	181.30	182.80	1.50	11	
				71358	182.80	184.00	1.20	7	
			At 181.25 - 5cm wide quartz vein- white, bullish, no sulphides, oriented @ 20° to core axis.	71359	184.00	185.00	1.00	6	
				71360	185.00	185.40	0.40	6	
			185.15 - 185.35m: 10 cm wide grey- white quartz vein containing 5% host rock inclusions and	71361	185.40	186.80	1.40	6	
			minor medium- grained pyrite. Vein oriented at 20° to core axis.	71362	186.80	188.30	1.50	11	

CLARK EXPLORATION CONSULTING

Sheet 6 OF 6

METE	RAGE		DESCRIPTION (colour grain size texture minerals alteration atc.)		SAM	PLES		ASS	AYS
FROM	TO			No.	FROM	то	LENGTH	Au ppb	Au ppb
188.3	197.4	Silicified Mineralized	Unit exhibits strong patchy silicification and moderate to semi-massive sulphide mineralization.	71363	188.30	190.15	1.85	42	57
		Intermediate Tuff	Colour ranges from dark grey to light grey to green-buff, fine- grained, hard and non- magnetic to	71364	190.15	191.00	0.85	53	
			strongly magnetic in sulphide rich subsections, well foliated @ 60 to 90° to core axis. Intense	71365	191.00	192.00	1.00	19	
1			silification as 5 cm to 25cm scale grey to light green- grey bands semi-conformable to	71366	192.00	193.00	1.00	30	
			foliation banding. Overall, 5% sulphide mineralization as pyrite plus pyrrhotite patches and	71367	193.00	193.70	0.70	32	
			stringers, ratio of pyrite:pyrrhotite (1:1), stringers crudely parallel foliation plane.	71368	193.70	194.90	1.20	60	
			Diffuse, silicified contact at 194.9.	71369	194.90	195.90	1.00	59	
				71370	195.90	196.35	0.45	57	
1			190.15 - 191.0m: Intense green- grey silicification.	71371	196.35	197.40	1.05	33	
ł									
1			193.7 - 194.9m: 25% patchy to veiny to pseudo- net textured pyrite and pyrrhotite.						
			195.35 - 195.55m and 195.75 to 195.9: Intense green- buff silicification.						
			196.35 - 197.4m: Intense white to grey silicification.						
197.4	200.3	Quartz Vein	White to grey banded quartz vein, locally appears to be pervasive silicification, no actual veining,	71372	197.40	198.40	1.00	12	18
		(Silicification)	possibly, this is early quartz vein with later tectonic overprint defined by banding on a 3mm to 40cm	71373	198.40	199.40	1.00	15	
			scale @ 70 to 80° to core axis, white to light grey with darker grey bands, fine- grained,	71374	199.40	200.30	0.90	19	
			very hard, non- magnetic and strongly to intensely fractured at various degrees to core axis.						
			Minor to 0.25% sulphide mineralization as fine- to medium- grained disseminated to stringer						
			pyrite. Irregular contact at 197.4. Broken- fractured core at 200.3 contact.						
			Note: Sections from 188.3 to 200.3 define a mineralized silicified contact zone between uphole						_
			hangwall - felsic tuff and the downhole footwall - mafic volcaniclastic.						
200.3	219.0	Garniferous Mafic	Dark green, fine- to- finer medium- grained, hard, non- magnetic, and weakly to moderately foliated @						
	End of	Volcaniclastic	70 to 80° to core axis. Composed of 10 to 50% 2mm to 1.5cm scale pinky subhedral to anhedral						
	Hole		garnets set in a fine- grained plagioclase and biotite matrix, garnets gradationally appear to	71375	200.30	201.80	1.50	19	
			increase in size downhole thru section, trace fine grained disseminated pyrite, no quartz veining.	71376	213.00	214.50	1.50	51	

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PROPERTY: Sidace Lake	LOCATION: Red Lake	CLAIM NUMBER: 1210390	DOWNHOLE SUR	VEY: Acid Tests		DRILLING COMPANY: Chibougmau Diamond Drilling Ltd.
HOLE NO.: RL-02-11	LENGTH: 153.0 metres	CORE SIZE: NQ	DEPTH	DIP	DEPTH DIP	REMARKS: Core Storage: Red Lske
PROJECT NUMBER:	NORTHING: 49+65N	EASTING: 39+00E	144m	-43°		
ELEVATION:	UTM northing: 5681207	UTM easting: 0462211				DATE LOGGED: July 7 to 9, 2002
COLLAR ORIENTATION (AZIMUT	H / DIP); PLANNED:	SURVEYED:				LOGGED: Ike Osmani
EXPLORATION CO., OWNER OR	OPTIONEE: Planet Exploration Inc.					SIGNATURE: B
HOLE STARTED: July 3, 2002	HOLE FINISHED: July 4, 2002	DECLINATION: 1° E				SHEET 1 OF 5

METE	RAGE		DESCRIPTION (colour grain size texture minerale alteration etc.)		SAM	PLES		ASSAYS	
FROM	TO			No.	FROM	TO	LENGTH	Au ppb	Au ppb
0.0	6.0	Overburden		65309	10.30	11.50	1.20	17	
				65310	11.50	13.00	1.50	12	
6.0	77.0	Fragmental Mafic	Interval primarily composed of heterolithic fragmental mafic metavolcanic rock. It is green to greyish- green,	65311	20.20	21.80	1.60	9	
		Metavolcanic Rock	strongly foliated and weakly to strongly magnetic. The unit consists of flattened to ovoid, locally sub- angular,	65312	21.80	22.80	1.00	<5	
			lapilli to rare bomb size fragments of fine grained felsic metavolcanic rock. Medium grained, mafic and	65313	22.90	24.00	1.10	<5	
			aphanitic cherty (quartz?) clasts are also not uncommon. These fragments comprise 20-25% of the rock are	65314	26.00	26.70	0.70	<5	
			set within fine grained foliated, garnetiferous, mafic matrix. Locally, fragments are ripped-up or hook-shaped	65315	26.70	28.00	1.30	9	17
			likely due to strong deformation. The matrix is locally garnetiferous. The fragmental rock is	65316	28.00	29.50	1.50	17	
			non- to weakly mineralized (0-<1%) from top of the hole to 26.7m and then is followed down-hole with strong	65317	29.50	31.00	1.50	18	
			pyrite- pyrrhotite mineralization, from 26.7m - 42.0m foliation ranges from 40°- 50° to core axis.	65318	31.00	32.50	1.50	24	
				65319	32.50	34.00	1.50	10	
			14.0 - 19.5m: Pelitic wacke interbedded with minor mafic volcaniclastic rock. Wacke is light grey to brownish	65320	34.00	34.70	0.70	5	
			grey, foliated, contains <2mm feldspar ± garnet (5-10%) set with within sandy matrix.	65321	34.70	35.50	0.80	<5	
				65322	35.50	37.00	1.50	13	
			19.5 - 21.10m: Mafic fragmental interbedded with minor, narrow beds of pelitic wacke.	65323	37.00	38.50	1.50	<5	
				65324	38.50	40.00	1.50	<5	<5
			21.8 - 22.8m: Quartz vein with wacke inclusion, 50% vein and 50% wacke comprise the section, vein cuts	65325	40.00	41.00	1.00	<5	
		i i i i i i i i i i i i i i i i i i i	the wacke sub- parallel to core axis, no visible sulphide noted, upper contact is diffuse and the lower	65326	41.00	42.00	1.00	<5	
			contact is diffuse to sharp @ 55° to core axis.	65327	42.00	43.00	1.00	7	
				65328	43.00	45.50	2.50	7	
			26.7 - 42.0m: Well mineralized fragmental mafic metavolcanic 5%-15% sulphides (pyrite ± pyrrhotite?)	65329	47.60	48.50	0.90	29	
			occurring as stringers to patches over the entire length of the section. The stringers are of variable orientation	65330	48.50	49.60	1.10	<5	
			(with respect to core axis), majority of the stringers are sub parallel to schistosity, occasionally sulphides	65331	49.60	50.10	0.50	<5	
		are semi-massive over 10-15cm core length, ubiquitous quartz fragments/ pods, generally, core is		65332	50.10	51.00	0.90	<5	
			moderately fractured sub-parallel to foliation.	65333	71.00	72.50	1.50	<5	<5
				65334	72.50	74.00	1.50	<5	



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METE	METERAGE		DESCRIPTION (aclour rusin size touture minorale alteration ata)	1	SAM	PLES		ASSAYS		
FROM	TO		DESCRIPTION (Colour, grain size, texture, minerals, alteration, etc.)	No.	FROM	ТО	LENGTH	Au ppb	Au ppb	
			34.7 - 35.5m: Amphibole- phyric mafic dike, non-foliated, greyish- green, no visible sulphides, upper	65335	74.00	75.50	1.50	19		
1			and lower contact broken along fractures.	65336	75.50	77.00	1.50	5		
			48.5 - 49.0m: Intermediate to felsic dike. Lighter grey to greenish- grey, foliated, fine grained,							
			trace to 0.5% fine- grained disseminated pyrite. Upper contact sharp @ 30° to core axis, lower							
		contact sharp but irregular.								
	49.6 - 50.1r									
			49.6 - 50.1m: Intermediate to felsic dike. Similar to 48.5 - 49.0m. Upper and lower contacts are							
	ļ		40° and 30°, respectively, to core axis.							
				L						
			71.0 - 77.0m: Fragmental mafic metavolcanic strongly foliated @ 40° to core axis 1-2% massive							
			pyrite stringers oriented sub- parallel to foliation, lower contact with intermediate to felsic tuff							
			to lapilli tuff is sharp at 30° to core axis.							
77.0										
77.0	110.0	Intermediate to	Interval primarily comprised of intermediate to felsic (dacitic) lapilli tuff to tuff. The unit is light grey	65337	77.00	78.50	1.50	10		
		Felsic Lapilli Tuff	to medium grey, strongly foliated and locally schistose. It consists of highly flattened to sub-	65338	78.50	80.00	1.50	24		
		to luft	angular lapilli clasts set within a fine grained, strongly foliated to schistose matrix of intermediate	65339	80.00	80.80	0.80	30		
			composition. The lapilli fragments display sharp to diffuse contacts. In addition to felsic meta-	65340	80.80	81.20	0.40	11		
			volcanic, highly tectonized quartz fragments are also abundant adjacent to quartz veins/ pods and	65341	81.20	82.40	1.20	16		
			silica-flood zones.	65342	82.40	83.30	0.90	9	<5	
			The Tapilli tuff is predominantly matrix- supported but locally, clast- supported sections are also	65343	83.30	84.20	0.90	5		
			noted.	65344	84.20	86.00	1.80			
			The upper part of the interval (~77.0 - 104.0m) predominantly comprised of lapilli tuff that subtly	65345	86.00	87.50	1.50	<5		
			grades downhole into the tuff.	65346	87.50	89.00	1.50	<5		
				65347	89.00	90.50	1.50	<5		
			Predominant alteration is silicification followed by sericitization. The alteration varies from	65348	90.50	92.00	1.50	<5		
			moderate to strong with local intense zone of silicification / silica- flooding. Quartz veining/ pods/	65349	92.00	93.50	1.50	6		
		•	breccias occur locally.	65350	93.50	95.00	1.50	<5		
[Pyrite is the dominant sulphide and commonly occurs as stringers and fracture- fillings. With the	65351	95.00	96.50	1.50	<5	6	
			exception of alteration zones, the pyrite generally occurs from trace amount to 1%. The silica-	65352	96.50	98.00	1.50	<5		





Sheet 3 OF 5

METERAGE			DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.)		SAM	PLES		ASSAYS		
FROM	то		DESORT FION (COIOU, grain size, texture, initeratis, alteration, etc.)	No.	FROM	ТО	LENGTH	Au ppb	Au ppb	
			flood zone/ quartz vein is relatively well mineralized (2 to 5% pyrite as stringers and massive	65353	98.00	99.30	1.30	<5		
			fracture fillings).	65354	99.30	100.40	1.10	<5		
			Foliation is generally at 40° to core axis.	65355	100.40	102.00	1.60	17		
				65356	102.00	103.50	1.50	<5		
			77.0 - 80.8m: Intense silica- flooding. Abundant pyrite stringers, sub-parallel to foliation, comprise	65357	103.50	105.00	1.50	10		
			3-5% of the rock.	65358	105.00	106.50	1.50	<5		
				65359	106.50	107.30	0.80	<5		
			80.8 - 81.2m: Quartz vein. Off-white, trace disseminated pyrite.	65360	107.30	108.50	1.20	<5	<5	
				65361	108.50	110.00	1.50	<5		
			81.2 - 82.4m: Intense silica flooding 3 to 15% pyrite occurs as fine disseminations, stringers, locally							
			as semi-massive patches (overall sulphide content ~ 10%).							
			82.4 - 84.2m: Quartz breccia. Pebble to cobble size, angular to ovoid greyish blue quartz							
			ments occur within sericitized matrix containing 2 to 5% disseminated pyrite,							
			84.2 - 99.3m: Moderately to weakly mineralized lapilli tuff to tuff. Moderate to strongly silicified,					_		
			ubiquitous quartz veinlets, occasional broken-up sulphide (pyrite) bands occur as 1 to 5% fine-							
			grained disseminations and hai-line stringers.							
1	ĺ		3							
			99.3- 100.4m; Quartz breccia. Similar to 82.4 - 84.2m except less mineralized (<1%) in this							
			section, fine grained non-foliated mafic dike from 99.5m to 99.6m.							
[102.0 - 103.5m: Sericite schist (tuff) containing few quartz fragments, crenulated schistosity, no	[·		f		
		1	visible sulphides							
1										
ļ			103.5 - 110m; Intermediate to felsic tuff. Strongly foliated to locally schistose, medium- grey, trace				t	·		
			amount of very fine-grained sulphides.							
								t		
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METE	RAGE	ROCK TYPE	DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.)		SAM	ASSAYS			
FROM	ТО			No.	FROM	ТО	LENGTH	Au ppb	Au ppb
110.0	127.8	Felsic Intermediate -	Interval primarily comprised of moderately to strongly silicified felsic to intermediate tuff. It is light	65362	110.00	111.10	1.10	8306	
		Tuff	grey, fine grained and foliated (observed in lenses- altered areas). The moderately altered	65363	111.10	112.00	0.90	<5	
			(siliceous) sections are generally massive and non-mineralized or contain trace amount of	65364	112.00	113.50	1.50	<5	
			sulphides. Strongly silicified / quartz-flooded sections are generally well mineralized containing	65365	113.50	115.00	1.50	<5	
			up to 15% pyrite as stringers and semi-massive zones.	65366	115.00	116.50	1.50	<5	
			Foliation/ lamination is @ 40° to core axis.	65367	116.50	118.00	1.50	<5	
]			65368	118.00	120.00	2.00	<5	
			110 - 111.1m: Quartz vein ± intensely silicified tuff, quartz vein is off-white, locally light- grey patch,	65369	120.00	121.74	1.74	<5	<5
			2-3% pyrite occurs as blebs and stringers.	65370	121.74	122.20	0.46	<5	
	1			65371	122.20	123.60	1.40	<5	
			111.1 - 112.0m: Intensely silicified tuff with minor off-white quartz veins, up to 1.5% sulphides as	65372	123.60	125.00	1.40	<5	
			stringers, and blebs within and adjacent to fractures.	65373	125.00	125.70	0.70	<5	
				65374	125.70	126.70	1.00	11	
			117.3 - 125.7m: Strongly silicified tuff up to 0.5% pyrite as stringers (mm - 1cm wide)	65375	126.70	127.80	1.10	<5	
			125.7 - 126.7m: Intensely silicified tuff with semi- massive pyrrhotite- pyrite.						
			126.7 - 127.8m: Mafic dike, grey- green, massive, weakly amphibole- phyric, upper and lower						
			contacts are broken along fracture @ 70° to core axis, moderately silicified, no visible sulphide						
]]			mineralization.						
127.8	147.5	Silicified Zone	Interval primarily comprised of intensely silicified and mineralized zone. The silicification is both	65376	127.80	129.20	1.40	15	
			pervasive and in the form of quartz veins and pods. The pervasively silicified zone is generally	65377	129.20	131.00	1.80	16	
			massive, locally fractured @ 20°-30° to core axis, and rarely displays remanent foliated sections.	65378	131.00	132.00	1.00	<5	<5
			It ranges from light grey to dark grey strongly magnetic and well mineralized (semi- massive and	65379	132.00	133.50	1.50	<5	
			stringers of pyrite ± pyrrhotite). A quartz vein / pod with minor silicified rock sections occurs in	65380	133.50	135.00	1.50	27	
			the lower half of the interval (137.9 - 147.5m) and is highly fractured and locally rubbly. Sulphides	65381	135.00	137.90	2.90	24	
			(pyrite ± pyrrhotite) mainly occur as stringers or in hair-line fractures.	65382	137.90	139.00	1.10	28	
· •				65383	139.00	140.00	1.00	26	
			127.8 - 131.0m: Well mineralized and pervasively silicified host rock (intermediate to felsic	65384	140.00	141.00	1.00	13	



Sheet 5 OF 5

METERAGE			EXPE DESCRIPTION (colour grain size texture minerals alteration etc.)		SAM	PLES		ASSAYS		
FROM	TO	KOOKTIL		No.	FROM	то	LENGTH	Au ppb	Ag ppb	
			volcanic?), 10-15%, locally semi-massive, pyrite - pyrrhotite occur as stringers and replacement	65385	141.00	142.50	1.50	89		
			patches (25° to 30° to core axis).	65386	142.50	144.00	1.50	21		
				65387	144.00	145.50	1.50	8	9	
			131.0 - 132.0m: Massive, light grey rock, possibly intermediate to felsic tuff or felsite intrusion, non-	65388	145.50	147.00	1.50	<5		
			magnetic to weakly magnetic, trace sulphides, upper and lower contacts are ~10° and 25°,	65389	147.00	147.50	0.50	<5		
			respectively to core axis.							
			132 - 137 9m; Dark grey intensely silicified/ cherty zone, massive and strongly magnetic, ghosty							
			planar fabric noted locally, 2 to 5% pyrite and pyrrhotite stringers and <1% very fine grained							
			disseminated sulphides, lower contact sharp and broken irregularly.							
			137.9 - 147.5m; Quartz vein with intensely silicified cherty bost rock, highly fractured (locally rubbley)							
			strongly magnetic 2 to 3% fine grained pyrite and pyrrhotite occur as disseminations, and along							
			hair-line fractures, local semi-massive replacement patches (5-8 cm long).							
4475	452.0			05000	4 47 50		1.50	1001		
147.5	153.U		interval composed of green to grey-green, foliated, weakly to strongly magnetic (disseminated	65390	147.50	149.00	1.50	1291		
			pinnead magnetite) and gametherous malic metavoicanic rock. The gamet porphyrobiasts	65391	149.00	150.50	1.50			
	поје		range from $211m$ to $> 1cm$ across, and are founded to sub-founded. Opper contact is sensionsed	65202	150.50	152.00	1.50			
			ω so to core axis. The unit locally displays sinched bands (of quarz verifiets). Trace to < 1% subbides (disseminated and blebby pyrite + pyrhotite). Foliation @ 30° to core axis.	00090	152.00	153.00	1.00			
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PROPERTY: Sidace Lake LOCATION: Red Lake		CLAIM NUMBER: 1210388	DOWNHOLE SUR	VEY: Acid Tests		DRILLING COMPANY: Chibougmau Diamond Drilling Inc.						
HOLE NO.: RL-02-12	LENGTH: 207.0 metres	CORE SIZE: NQ	DEPTH	DIP	DEPTH DIP	REMARKS: Core Storage: Red Lake						
PROJECT NUMBER:	NORTHING: 49+00N	EASTING: 19+50E	36m	-48°								
ELEVATION:	UTM northing: 5680065	UTM easting: 0460638	171m	-46°		DATE LOGGED: July 10 - July 11, 2002						
COLLAR ORIENTATION (AZIMUT	H / DIP); PLANNED: 140°/-50°	SURVEYED:				LOGGED: Brian Nelson and Ike Osmani						
EXPLORATION CO., OWNER OR	OPTIONEE: Planet Exploration Inc					SIGNATURE:						
HOLE STARTED: July 5, 2002	HOLE FINISHED: July 7, 2002	DECLINATION: 1°E				SHEET 1 OF 5						

METERAGE			DESCRIPTION (colour grain size texture minerals alteration atc.)		SAMPLES				ASSAYS	
FROM	TO	ROCKTIPE	DESCRIPTION (COIOUI, grain size, texture, initierals, alteration, etc.)		FROM	TO	LENGTH	Au ppb	Au ppb	
0.0	34.0	Overburden	Sand, gravel, boulders - moraine	71377	34.00	35.00	1.00	25		
				71378	35.00	36.00	1.00	<5		
34.0	49.7	Ultramafic	Dark green to black, fine- grained, hard, moderately to strongly magnetic to locally non-magnetic and locally	71379	36.00	37.50	1.50	15		
		(Pyroxenite)	moderately foliated @ 50° to core axis. Appears to be a moderately altered fine- to finer medium- grained	71380	37.50	39.00	1.50	5		
			pyroxenite with very local 10 to 25cm scale gabbroic patches, moderate to strongly fractured and broken core,	71381	39.00	40.50	1.50	25	20	
			fractures at various degrees to core axis. Overall, 0.5% sulphide mineralization predominantly as	71382	40.50	42.00	1.50	20		
:			fine- to medium- grained pyrite to local coarse grained blebby pyrite, locally up to 3% pyrite over 50cm,	71383	42.00	43.50	1.50	<5		
			no primary flow features observed i.e.: pillows, spinifex texture. Therefore best guest is ultramafic	71384	43.50	45.00	1.50	20		
			intrusive, not ultramafic flow. Quite sharp contact at 49.7 @ 70° to core axis defined by dramatic change	71385	45.00	46.50	1.50	15		
4			in hardness of rock from hard to extremely soft.	71386	46.50	48.00	1.50	13		
				71387	48.00	49.70	1.70	14		
			36.0 - 36.5m: Mafic medium grained, 50% plagioclase, possibly medium grained gabbro.							
			38.6 - 39.0m: Ultramafic altered peidotite, fine grained, green, very soft, magnetic.							
			42.35 - 42.75m: Ultramafic- green, very soft, strongly magnetic, folded with local crenulated foliation							
			Appear to be an altered olivine rich ultramafic- altered peidotite. Contact @ 42.35 @ 45° to core axis. Broken							
			contact at 42.25@ ~ 60° to core axis.				•			
49.7	57.2	Altered Ultramafic	Fine- grained, medium green, very soft, strongly magnetic and locally foliated @ 60° to contorted deformed	71388	49.70	51.00	1.30	<5		
		(Peridotite)	foliation, strong talcy feel to core, intensely altered to talc plus 5% small magnetite crystals, trace very fine-	71389	51.00	52.50	1.50	8		
			grained disseminated pyrite, no primary flow textures observed therefore, best guess is ultramafic intrusive.	71390	52.50	53.60	1.10	<5	<5	
	,		Contact at 49.7 @ 70° to core axis. Very irregular contact at 57.2 with underlying quartz vein.	71391	53.60	55.00	1.40	<5		
				71392	55.00	56.20	1.20	<5		
				7139 3	56.20	57.20	1.00	<5		



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METERAGE			DESCRIPTION (colour grain size touture minorale elevation etc.)	SAMPLES				ASSAYS	
FROM	то	DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.)		No.	FROM	ТО	LENGTH	Au ppb	Au ppb
			53.6 - 55.0m: 30% contorted white carbonate stringers most commonly oriented @ 60° to core axis.						
57.2	58.2	Quartz Vein	White- grey, fine- grained, hard and bullish containing 10% 5mm to 5cm scale dark green host rock inclusions and local minor cm scale plagioclase crystals, no visible sulphide mineralization. Sharp very irregular intrusive upper and lower contacts.	71394	57.20	58.20	1.00	<5	
58.2	71.25	Intermediate to Mafic Volcaniclastic	Medium to dark green- grey, fine grained, hard, non- magnetic and moderately foliated @ 55° to core axis, very local minor 1 to 5cm scale barren quartz veining, alternating intermediate and mafic ash layers on a 10cm to 3 metre scale, trace fine grained disseminated to mm stringer pyrite, local faint hint of lapilli. Sharp contact at 71.25 @ 50° to core axis, contact marked by colour change from dark green-grey to medium green and change from hard to very soft rock. 62.7 - 62.9m: Crumbly- broken core- gouge. Mini- fault zone.	71395 71396 71397 71398 71399 71400 71400 71401 71402 71403	58.20 59.50 61.10 62.20 63.10 64.50 66.00 67.50 69.00	59.50 61.10 62.20 63.10 64.50 66.00 67.50 69.00 70.50	1.30 1.60 1.10 0.90 1.40 1.50 1.50 1.50 1.50	<5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <	<5
71.25	78.5	Altered Ultramafic (Peridotite)	Light- medium green, fine- grained, very soft, strongly magnetic and foliated @ 60° to core axis, 5% tiny magnetite crystals, intense talc alteration, 10% weakly to moderately contorted carbonate stringers predominantly aligned within foliation plane, locally strongly fractured along foliation planes, trace fine grained disseminated to stringer pyrite. Sharp contact at 78.5 @ 65° to core axis. 71.25 - 71.5m: Intensely fractured to almost gouge- contact shear?	71403 71404 71405 71406	70.50	75.00	1.50 0.75 1.50	<5 <5 6	
78.5	109.4	Mafic Volcaniclastic	At 74.65- 5cm wide fault gouge- mini- fault. Dark green, fine- to very fine- grained, hard, non- magnetic and moderately to well foliated @ 60° to core axis, very local minor intermediate layers, minor mm scale quartz stringers within foliation planes, trace fine- grained disseminated pyrite, not well banded - could be foliated	71407 71408 71409	83.60 84.80 92.00	84.80 86.00 93.00	1.20 1.20 1.00	21 118 10	82

CLARK EXPLORATION CONSULTING

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FROM TO ROCK FFPE Descriptional contact at 109.4. As approach lower contact unit gradually No. FROM TO LENGTH Au ppb Au gabbro? 0r flow? gabbro? 0r flow? Transitional contact at 109.4. As approach lower contact unit gradually 71410 96.00 96.80 0.80 6 78.25 - 78.5m: Crumbly- fractured core- fault zone. 74.11 99.80 1.20 18 79.2 - 80.2m: Intensely broken and fractured core. 73.65 - 84.8m: Feldspar Porphyry Dyke. Grey, fine grained, very hard, massive and non-magnetic composed of 20% 1 to 3mm scale creamy-white plagioclase phenocrysts set in a fine- grained grey groundmass containing 25% mm scale black amphibole crystals. Broken contact at 83.6. 71413 108.00 1.00 1.00 -5 96.0 - 96.8m: Feldspar Porphyry Dyke. Same as section 83.6 to 84.8. 1.80 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -	METERAGE BOCK			DESCRIPTION (colour grain size texture minerals alteration etc.)		SAMPLES				ASSAYS	
109.4 122.8 Intermediate to Mafci Intermediate to Mafci Interval primarily comprised of thinly bedded laminators range for < 1/2 metre and the lower contact is transition over 1/2 metre and the lower contact is transition over 1/2 metre and the lower contact is transition over 1/2 metre and the lower contact is transition over 1/2 metre and the lower contact is transition over 1/2 metre and the lower contact is gradational but sharp @ 50° to core axis. 71410 99.00 98.80 0.80 6 109.4 122.8 Intermediate to Mafci Interval primarily comprised of thinly bedded laminators range form < Imm to a few contact is transition over 1/2 metre and the lower contact is transition over 1/2 metre and the lower contact is gradational but sharp @ 50° to core axis. 71416 122.80 124.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 122.00 <td< th=""><th>FROM</th><th>TO</th><th>RUCKITPE</th><th colspan="2">DESCRIPTION (colour, grain size, lexture, initierals, alteration, etc.)</th><th>FROM</th><th>TO</th><th>LENGTH</th><th>Au ppb</th><th>Au ppb</th></td<>	FROM	TO	RUCKITPE	DESCRIPTION (colour, grain size, lexture, initierals, alteration, etc.)		FROM	TO	LENGTH	Au ppb	Au ppb	
109.4 122.8 Intermediate to Mafic Volcaniclastics Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate to greenish-grey mafic beds. Individual beds / laminations. The intermediate beds are altered to biolite - sericite and the mafic beds appear to be amphibole- rich (hornblend ± actinolite ± cholite), locally contain garnets. 1122.8 1122.8 1122.8 1122.8 1122.8 1122.8 1122.8 1122.8 1122.8 1122.8 1122.80 122.80 122.80 122.80 122.80 122.80 122.80 122.80 122.80 122.80 122.80 122.80 122.80 122.80 122.80 122.80 122.80 122.80 122.80 122.80 122.80 122.80 122.80 122.80 122.80 122.80 122.80 122.80 122.80 122.80 122.80 122.80 122.80 122.80 122.80 124.00 122.80 124.00 122.80 124.00 122.80 124.00 122.80 124.00 122.80 124.00 122.80 124.00 122.80 124.00 120.80 124.00 120.80 124.00 120.80 124.00 120.80 124.00 120.80 124.00 120.80 124.00 </td <td></td> <td></td> <td></td> <td>gabbro? Or flow? Transitional contact at 109.4. As approach lower contact unit gradually</td> <td>71410</td> <td>96.00</td> <td>96.80</td> <td>0.80</td> <td>6</td> <td></td>				gabbro? Or flow? Transitional contact at 109.4. As approach lower contact unit gradually	71410	96.00	96.80	0.80	6		
109.4 122.8 Intermediate to Mafic Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate beds predominate over mafics. The upper contact is gradational but sharp @ 50° to core exis. 71412 102.00 103.00 1.00 15 109.4 122.8 Intermediate to Mafic Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate beds predominate over mafics. The upper contact is transition over 1/2 metre and the lower contact is gradational but sharp @ 50° to core exis. 71415 122.80 122.80 122.80 122.80 122.00 122.80 122.00 1.20 8		ļ		becomes compositionally banded similar to mafic volcaniclastics described in previous holes.	71411	96.80	98.00	1.20	18		
109.4 122.8 Intermediate to Mafic Volcaniclastics Intermediate to Mafic Composition. The unit displays alterating greenish- white (intermediate to mafic beds, include at actionite ±		1									
109.4 122.8 Intermediate to Mafic Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate 109.4 122.8 Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate 109.4 122.8 Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate 109.4 122.8 Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate 109.4 122.8 Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate 109.4 122.8 Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate 109.4 122.80 1.80 (23 (28 (28 (28 (28 (28 (28 (28 (28 (28 (28				78.25 - 78.5m; Crumbly- fractured core- fault zone.	71412	102.00	103.00	1.00	15		
109.4 122.8 Intermediate to Mafic Intervel primarily comprised of thinly bedded lamination very hard, massive and non-magnetic composed of 20% 1 to 3mm scale creamy-white plagioclase phenocrysts set in a fine-grained grey groundmass containing 25% mm scale black amphibole crystals. Broken contact at 83.6. Contact at 84.8 @ 60° to core axis. 71413 108.00 109.00 1.00 10 109.4 122.8 Intermediate to Mafic Intervel primarily comprised of thinly bedded lamination very 1/2 metre and the lower contact is gradational but sharp @ 50° to core axis. 96.0 - 96.8m: Feldspar Porphyry Dyke. Same as section 83.6 to 84.8. 71415 121.00 122.80 1.80 23 109.4 122.8 Interwediate to Mafic Interval primarily comprised of thinly bedded laminations range from <1mm to a few centimetres thick, locally rarely reach to <1/2 metre in thickness. The intermediate beds predominate over mafics. The upper contact is transition over 1/2 metre and the lower contact is gradational but sharp @ 50° to core axis. The foliation is strong and parallel to beding / laminations. The intermediate beds are attered to biotite- sericite and the mafic beds appear to be amphibole-rich (hornblende ± actinolite ± chlorite), locally contain garnets. No visible sulphide mineralization.											
109.4 122.8 Intermediate to Mafic Intermediate to Mafic Interval primarily composed of 20% 1 to 3mm scale creamy-white plagicolase phenocrysts set in a fine-grained grey groundmass containing 25% mm scale black amphibole crystals. Broken contact at 83.6. Contact at 84.8 @ 60° to core axis. 96.0 - 96.8m; Feldspar Porphyry Dyke. Same as section 83.6 to 84.8. Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate to mafic composition. The unit displays alternating greenish- white (intermediate) and green to greenish-grey mafic beds. Individual beds / laminations range from <1mm to a few centimeters thick, locally rarely reach to <1/2 metre in thickness. The intermediate beds are altered to biotite- sericite and the mafic beds appear to be amphibole-rich (hormblende ± actinolite ± chlorite), locally contain garnets. No visible sulphide mineralization.				79.2 - 80.2m; Intensely broken and fractured core.	71413	108.00	109.00	1.00	10		
109.4 122.8 Intermediate to Mafic Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate					71414	109.00	110.00	1.00	<5		
109.4 122.8 Intermediate to Mafic Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate 109.4 122.8 Intermediate to Mafic Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate 109.4 122.8 Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate Interval primarily comprised of thinly bedded laminations range from <1mm to a few centimetres thick, locally rarely reach to <1/2 metre in thickness. The intermediate				83.6 - 84.8m; Feldspar Porphyry Dyke, Grey, fine grained, very hard, massive and non-magnetic							
109.4 122.8 Intermediate to Mafic Volcaniclastics Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate to mafic composition. The unit displays alternating greenish- white (intermediate) and green to greenish-grey mafic beds. Individual beds / laminations range from <1/td> 71415 121.00 122.80 1.80 23 109.4 122.8 Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate to greenish-grey mafic beds. Individual beds / laminations range from <1/td> 1115 121.00 122.80 1.80 23 109.4 122.8 Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate to mafic composition. The unit displays alternating greenish- white (intermediate) beds predominate over mafics. The upper contact is transition over 1/2 metre and the lower contact is gradational but sharp @ 50° to core axis. The foliation is strong and parallel to bedding / laminations. The intermediate beds are altered to biotite- sericite and the mafic beds appear to be amphibole- rich (hornblende ± actinolite ± chlorite), locally contain garnets. No visible sulphide mineralization. 71416 122.80 124.00 1.20 8				composed of 20% 1 to 3mm scale creamy-white plagioclase phenocrysts set in a fine- grained							
109.4 122.8 Intermediate to Mafic Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate to mafic composition. The unit displays alternating greenish- while (intermediate) and green to greenish-grey mafic beds. Individual beds / laminations range from <1mm to a few centimetres thick, locally rarely reach to <1/2 metre in thickness. The intermediate beds predominate over mafics. The upper contact is transition over 1/2 metre and the lower contact is gradational but sharp @ 50° to core axis. The foliation is strong and parallel to bedding / laminations. The intermediate beds are altered to biotite- sericite and the mafic beds appear to be amphibole-rich (hornblende ± actinolite ± chlorite), locally contain garnets. No visible sulphide mineralization.				arey groundmass containing 25% mm scale black amphibole crystals. Broken contact at 83.6.							
109.4 122.8 Intermediate to Mafic Volcaniclastics Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate to mafic composition. The unit displays alternating greenish- white (intermediate) and green to greenish-grey mafic beds. Individual beds / laminations range from <1mm to a few centimetres thick, locally rarely reach to <1/2 metre in thickness. The intermediate beds predominate over mafics. The upper contact is transition over 1/2 metre and the lower contact is gradational but sharp @ 50° to core axis. The foliation is strong and parallel to bedding / laminations. The intermediate beds are altered to biotite- sericite and the mafic beds appear to be amphibole-rich (hornblend ± actinolite ± chlorite), locally contain garnets. No visible sulphide mineralization.	•			Contact at 84.8 \emptyset 60° to core axis.							
109.4 122.8 Intermediate to Mafic 96.0 - 96.8m: Feldspar Porphyry Dyke. Same as section 83.6 to 84.8. 109.4 122.8 Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate to mafic composition. The unit displays alternating greenish- white (intermediate) and green to greenish-grey mafic beds. Individual beds / laminations range from <1mm to a few centimeters thick, locally rarely reach to <1/2 metre in thickness. The intermediate beds predominate over mafics. The upper contact is transition over 1/2 metre and the lower contact is gradational but sharp @ 50° to core axis. The foliation is strong and parallel to bedding / laminations. The intermediate beds are altered to biotite- sericite and the mafic beds appear to be amphibole-rich (hornblend ± actinolite ± chlorite), locally contain garnets. No visible sulphide mineralization.											
109.4 122.8 Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate to mafic composition. The unit displays alternating greenish- white (intermediate) and green to greenish-grey mafic beds. Individual beds / laminations range from <1mm to a few centimetres thick, locally rarely reach to <1/2 metre in thickness. The intermediate beds predominate over mafics. The upper contact is transition over 1/2 metre and the lower contact is gradational but sharp @ 50° to core axis. The foliation is strong and parallel to bedding / laminations. The intermediate beds are altered to biotite- sericite and the mafic beds appear to be amphibole- rich (hornblende ± actinolite ± chlorite), locally contain garnets. No visible sulphide mineralization. 71416 122.80 124.00 1.20 8				96.0 - 96.8m ⁻ Feldspar Porphyry Dyke. Same as section 83.6 to 84.8.							
109.4 122.8 Intermediate to Mafic Volcaniclastics Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate to mafic composition. The unit displays alternating greenish- white (intermediate) and green to greenish-grey mafic beds. Individual beds / laminations range from <1mm to a few centimetres thick, locally rarely reach to <1/2 metre in thickness. The intermediate beds predominate over mafics. The upper contact is transition over 1/2 metre and the lower contact is gradational but sharp @ 50° to core axis. The foliation is strong and parallel to bedding / laminations. The intermediate beds are altered to biotite- sericite and the mafic beds appear to be amphibole-rich (hornblende ± actinolite ± chlorite), locally contain garnets. No visible sulphide mineralization.											
Volcaniclastics to mafic composition. The unit displays alternating greenish- white (intermediate) and green to greenish-grey mafic beds. Individual beds / laminations range from <1mm to a few	109.4	122.8	Intermediate to Mafic	Interval primarily comprised of thinly bedded laminated volcaniclastic rocks of intermediate	71415	121.00	122.80	1.80	23		
to greenish-grey mafic beds. Individual beds / laminations range from <1mm to a few centimetres thick, locally rarely reach to <1/2 metre in thickness. The intermediate beds predominate over mafics. The upper contact is transition over 1/2 metre and the lower contact is gradational but sharp @ 50° to core axis. The foliation is strong and parallel to bedding / laminations. The intermediate beds are altered to biotite- sericite and the mafic beds appear to be amphibole- rich (hornblende ± actinolite ± chlorite), locally contain garnets. No visible sulphide mineralization.			Volcaniclastics	to matic composition. The unit displays alternating greenish- white (intermediate) and green						·····	
122.8 135.7 Matic Eragmental Interval primarily composed of highly deformed, beterolithic matic fragmental rock (applomerate?)			v oloumoidenoo	to greenish-grey matic beds. Individual beds / laminations range from <1mm to a few							
beds predominate over mafics. The upper contact is transition over 1/2 metre and the lower contact is gradational but sharp @ 50° to core axis. The foliation is strong and parallel to bedding / laminations. The intermediate beds are altered to biotite- sericite and the mafic beds appear to be amphibole- rich (hornblende ± actinolite ± chlorite), locally contain garnets. No visible sulphide mineralization. 122.8 135.7 Mafic Eragmental Interval primarily composed of highly deformed, beterolithic mafic fragmental rock (agglomerate?)				centimetres thick locally rarely reach to <1/2 metre in thickness. The intermediate							
122.8 135.7 Matic Eragmental Interval primarily composed of highly deformed, beterolithic matic fragmental rock (apploaction is strong and parallel to interval primarily composed of highly deformed, beterolithic matic fragmental rock (apploaction).				beds predominate over matics. The upper contact is transition over 1/2 metre and the lower							
122.8 135.7 Matic Eragmental Interval primarily composed of highly deformed, beterolithic matic fragmental rock (applomerate?)				contact is gradational but sharp @ 50° to core axis. The foliation is strong and parallel to							
122.8 135.7 Matic Eragmental Interval primarily composed of highly deformed, beterolithic matic fragmental rock (applomerate?)				bedding / laminations							
rich (hornblende ± actinolite ± chlorite), locally contain garnets. No visible sulphide mineralization. 122.8 135.7 Matic Eragmental Interval primarily composed of highly deformed, beterolithic matic fragmental rock (anglomerate?)				The intermediate beds are altered to biotite- sericite and the mafic beds appear to be amphibole-							
122.8 135.7 Matic Eragmental Interval primarily composed of highly deformed beterolithic matic fragmental rock (applomerate?)				rich (homblende + actinolite + chlorite), locally contain garnets. No visible subbide mineralization							
122.8 135.7 Mafic Eragmental Interval primarily composed of highly deformed heterolithic mafic fragmental rock (applomerate?)					71416	122 80	124.00	120	8		
	122.8	135.7	Mafic Fragmental	Interval primarily composed of highly deformed, heterolithic mafic fragmental rock (applomerate?)							
The fragmental unit consists of highly flattened, nedretating indication and matic and	122.0	100.7	mano i ragmontal	The fragmental unit consists of highly flattened, people to cobble size felsic and matic	71417	128.00	129 50	1 50	23	<5	
metavolcanic gabbroic and possibly granitic clasts. The fragmental rock is matrix to clast-				metavolcanic, gabbroic and possibly granitic clasts. The fragmental rock is matrix to clast-	71418	129.50	131.00	1 50	<5		
supported. The clasts are generally highly flattened and tectonized. Locally, foliation is variably 71419 135.00 135.70 0.70 <5				supported. The clasts are generally highly flattened and tectonized. Locally foliation is variably	71419	135.00	135 70	0.70	<5		
supported. The clasts are generally highly hattened and testomized. Eccarly, foliation is variably				supported. The clasts are generally highly flattened and testonized. Locally, follation is variably		100.00	100.10				

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METE	RAGE		DESCRIPTION (colour grain size texture minerals alteration etc.)	SAMPLES				ASSAYS	
FROM	TO				FROM	ТО	LENGTH	Au ppb	Au ppb
			Foliation is 50° to 60° to core axis. The crenulation cleavage is oblique to foliation, and @ 70°						
			to 80° to core axis. Locally, foliation shallows to 35° to 40° to core axis (e.g. 131.1m-132.0m)						
			and returns to steeper dips. This dip variability is suggestive of folding.						
			With the exception of few stringers and chunks of pyrite, the unit contains virtually no sulphides.						
105 7									
135.7	142.6	Structural Zone	The structural zone is characterized by highly broken core displaying strong schistosity and	71420	135.70	137.00	1.30	8	
			moderate to strong silicitication / quartz veinlets.	71421	137.00	138.00	1.00	<5	
			The rocks within the structural zone are predominantly intermediate to felsic volcaniclastics.	71422	138.00	139.00	1.00	<5	
			Locally, the unit is interbanded with quartz.	71423	139.00	140.00	1.00	<5	
			Three to 5% pyrite occurs as stringers and in vugs.	71424	140.00	141.00	1.00	<5	
			Foliation ranges from 40° to 60° to core axis.	71425	141.00	142.60	1.60	<5	
142.6	477 7	Falaia ta Interna diata							
142.0	177.7	Feisic to intermediate	Interval composed of laminated to finely bedded and massive felsic to intermediate volcaniclastics.	71426	142.60	144.00	1.40		<5
		voicaniciastic Tuff	The volcaniciastic tuff is locally interbedded with cherty (or silicified) beds, ranging from	/1427	144.00	144.80	0.80	<5	
i i			a few mm to 1/2m in widths. Occasional narrow, matic beds (5-10cm wide), both garnetiferous and	/1428	144.80	146.00	1.20	<5	
1			non-garnetiferous, are also interbedded with the volcaniclastic and cherty rocks. Massive sections	/1429	146.00	147.25	1.25	<5	
			occurring locally may be either flows or subvolcanic sills. Quartz veinlets/ bands	/1430	147.25	148.00	0.75	29	
			occur near structural zone within the upper portion of the interval. Sulphides (pyrite ± pyrrhotite)	/1431	148.00	149.50	1.50	8	
			mineralization also occurs in relative abundance adjacent to the structural zone. It occurs as fine	/1432	149.50	151.00	1.50		
			disseminations and mm to 1/2 cm thick massive bands locally as semi-massive replacements.	71433	151.00	152.50	1.50	8	
			The sulphide bands are generally sub-parallel to the foliation.	/1434	152.50	153.30	0.80	8	
1			Foliation @ 60° to 65° to core axis. Where the rock is intensely silicitied, foliation is	71435	153.30	154.30	1.00	29	35
			completely masked by the alteration.	/1436	154.30	156.00	1.70	20	
				/1437	156.00	157.50	1.50	19	{
			142.6 - 147.25m: Feisic to intermediate volcaniclastics/ feisite, trace amount of sulphides.	/1438	157.50	159.00	1.50	<5	
				71439	159.00	160.00	1.00		
			147.25 - 152.5m. Mixed volcaniclastics and cherty rock, 1-2% sulphides occur as stringers (mm -	71440	160.00	161.00	1.00	<5	
			1/2cm wide) and in vugs.	/1441	161.00	162.50	1.50	<5	
	-			71442	162.50	164.00	1.50	<5	
			152.5 - 154.0m: Cherty/ silicitied rock. Locally cherty rock is banded with hair-line to cm wide	/1443	164.00	165.00	1.00	6	
·	1		volcaniciastics and quartz veins, overall sulphide (pyrite) content ~2% and occurs as stringers and	/1444	165.00	166.00	1.00	<5	<5
			a semi-massive replacement patches @ 154.0m.	/1445	166.00	167.50	1.50	138	
	1		100.0 101.0mm Chartersch (stigting dass bestigten). Destander sind and in stigt	/1446	167.50	169.00	1.50	<5	
			100.0 - 101.0m: Onerty rock (silicitied volcaniclastic?) Dark grey, massive and magnetic, numerous	/144/	169.00	1/0.50	1.50	<5	
			quartz bands parallel to foliation, <1% sulphides.	71448	170.50	1/2.10	1.60	<5	

CLARKER EXPLORATION CONSULTING

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METERAGE		BOCK TYPE DESCRIPTION (colour grain size texture minerals alteration etc.)		DESCRIPTION (colour grain size texture minerals alteration etc.)				ASSAYS		
FROM	TO				FROM	TO	LENGTH	Au ppb	Au ppb	
			166.0 - 172.1m: Strongly bleached volcaniclastic rock, no visible sulphides.	71449	172.10	172.50	0.40	12		
				71450	172.50	174.20	1.70	<5		
			172.5 - 174.2m: Garnetiferous mafic volcanic/ volcaniclastic.	71451	174.20	176.00	1.80	5		
				71452	176.00	177.00	1.00	5		
177.7	195.1	Mafic Volcanic	Interval composed of dark green, fine grained, weakly foliated mafic metavolcanic rock (massive	71453	177.00	177.70	0.70	<5	8	
			flow). Upper and lower contacts are sharp at 50° and ~ 90°, respectively to core axis. At both ends							
			of the contacts, the mafic volcanic are biotitized. The upper contact, it is also	71454	177.70	179.00	1.30	22		
			garnetiferous. The garnets are 2mm to 4mm across. No visible sulphide mineralization.	71455	194.00	195.10	1.10	12		
			The rock is weakly foliated at 65° to 70° to core axis.							
195.1	207.0	Quartz Diorite to	Interval primarily comprised of grey, massive, non-foliated quartz diorite (<20% quartz).	71456	195.10	195.60	0.50	27		
	End of	Diorite	The rock is composed of 15 to 20% clotty equigranular amphibole (hornblende?)	71457	195.60	197.00	1.40	8		
	Hole		and 60 to 80% plagiolase.	71458	197.00	198.50	1.50	12		
			Minor, fine- grained disseminated sulphide occurs throughout. Upper contact is chilled @ ~90° to							
			core axis.							
			195.3 - 195.6m: Gabbro Dike? Medium- to coarse- grained, massive and magnetic. Upper							
			contact is chilled ~ 30° to core axis and lower contact is broken irregularly. Trace disseminated							
			sulphides throughout with ~10% pyrite ± pyrrhotite occuring at the lower contact.							
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L	I									

Accurassay Laboratories

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1070 LITHIUM DRIVE, UNIT 2 PHONE (807) 626-1630 FAX (807) 623 6820

THUNDER BAY, ONTARIO P7B 6G3 EMAIL accuracy@tbaytel.net

WEB www.accurassay.com

Certificate of Analysis

Monday, July 22, 2002

Clark Consulting	Date Received: 10-Jul-02
1000 Alloy Dr.	Date Completed : 16-Jul-02
Thunder Bay, ON, CA	Job # 200240354
P7A6G5	Reference: Red Lake
Ph#: (807)622-3284 Fax#: (807)622-3284	Sample #: 243 Core
Email gjclark@tbaytel.net	

	98 70
	9871
	9872
	9873
	9874
0	9875
08	9876
	9877
	9878
AKE	9879
н Ц	988 0
CO CO	9881
	9882
e	9883
2438	9884
5.	9885
0	9886
101	9887
05SE	9888
5 2 N	9889

Acc	urass	ay #		Client Id	
		98 70		65012	
		9871		65013	
		9872		65014	
		9873		65015	
		9874	Check	65015	
	000	9875		65016	
	ö	9876		65017	
		9877		65018	
		9878		65019	
	AKE	9879		65020	
	ц Ц	988 0		65021	
	00	9881	6502 6502	65022	
		9882			65023
	83	9883		65024	
	243	9884	Check 6502	65024	
	5.	9885		65025	
	0	9886		65026 ·	
	E201	9887		65027	
	405S	9888	65	65028	
	521	988 9		65029	
		989 0		65030	
		9891		65031	

Au ppb 88	Pt ppb	Pd ppb	Rh ppb
< 5			
< 5			
< 5			
< 5			
¹⁷ 34 2	. 24	383	3
11			
6		CEIV	ED
34		CT 0 0 00	
< 5	U		
< 5	GEOSCII	ENCE ASSES	SSMENT
5	L	UFFILE	
11			
6			
6			
65			

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PROCEDURE CODES: ALAU

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Certificate of Analysis

Monday, July 22, 2002

Clark Consulting	Date Received : 10-Jul-02
1000 Alloy Dr.	Date Completed : 16-Jul-02
Thunder Bay, ON, CA	Job # 200240354
P7A6G5	Reference : Red Lake
Ph#: (807) 622-3284	Sample #: 243 Core
Fax#: (807) 622-3284	
Email gjclark@tbaytel.net	

		Au	Pt	Pd	Rh
Accurassay #	Client Id	ррb	ppb	ррь	ррь
9892	65032	6			
9893	65033	11			
9894	Check 65033	10			
98 95	65034	50			
9896	65035	13			
9897	65036	15			
9898	65037	24			
98 99	65038	30			
9900	65039	13			
9901	65040	16			
9902	65041	16			
9903	65042	33			
9904	Check 65042	29			
9905	65043	54			
9906	65044	14			
9 907	65045	14			
9 908	65046	8			
9 909	65047	10			
9910	65048	9			
9911	65049	9			
9912	65050	9			
9913	65051	8			

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Certificate of Analysis

Monday, July 22, 2002

Clark Consulting	Date Received: 10-Jul-02	
1000 Alloy Dr.	Date Completed : 16-Jul-02	
Thunder Bay, ON, CA	Job # 200240354	
P7A6G5	Reference : Red Lake	
Ph#: (807) 622-3284 Fax#: (807) 622-3284 Email gjclark@tbaytel.net	Sample #: 243 Core	

			Au	Pt	Pd	Rh
Accurassay #	Client lo	I	ppb	ppb	ppb	ppb
9914	Check 65051		8			
9915	65052		70			
9916	65053		31			
9917	65054		32			
9918	65055		23			
9919	65056		< 5	48	< 10	
9920	65057		83	< 15	< 10	
9921	65058		< 5	<15	< 10	
9922	65059		6			
9923	65060		14			
9924	Check 65060		16			
9925	65061		24			
9926	65062		73			
9927	65063		20			
9928	65064		22			
9929	65065		7			
9930	65066		< 5			
9931	65067		6			
9932	65068		39			
9933	65069		25			
9934	Check 65069		27			
9935	65070		11			

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Certificate of Analysis

Monday, July 22, 2002

Date Received :	10-Jul-02
Date Completed :	16-Jul-02
Job #	200240354
Reference :	Red Lake
Sample #	243 Core
Campic #.	245 COIC
	Date Received : Date Completed : Job # Reference : Sample #:

			Au	Pt	Pd	Rh
Accurassay #	Client I	d	ppb	ppb	ppb	ppb
9936	. 65071		10			
9937	65072		12			
9938	65073		24	< 15	< 10	
9939	65074		< 5			
9940	65075		6			
9941	65076		90			
9942	65077		< 5			
9943	65078		< 5			
9944	Check 65078		< 5			
9945	65079		< 5			
9946	65080		17			
9947	65081		< 5	<15	< 10	
9948	65082		14			
9949	65083		< 5			
9950	65084		< 5	< 15	22	
9951	65085		16	<15	18	
9952	65086		22	21	16	
9953	65087		11	20	23	
9 954	Check 65087		14	17	18	
9955	65088		14	< 15	21	
9956	65089		18	26	30	
9957	65090		6	< 15	23	

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WEB www.accurassay.com

Certificate of Analysis

Monday, July 22, 2002

Clark Consulting	Date Received: 10-Jul-02	
1000 Alloy Dr.	Date Completed : 16-Jul-02	
Thunder Bay, ON, CA	Job # 200240354	
P7A6G5	Reference: Red Lake	
Ph#: (807) 622-3284 Fax#: (807) 622-3284 Email gjclark@tbaytel.net	Sample #: 243 Core	

		Au	Pt	Pd	Rh
Accurassay #	Client Id	ррb	ppb	ppb	ppb
9958	65091	10	< 15	11	
9 959	65092	< 5	< 15	15	
9960	65093	19			
9961	65094	20			
9962	65095	153			
9963	65096	20			
9964	Check 65096	22			
9965	65097	28			
9966	65098	19	< 15	< 10	
9967	65099	9	< 15	< 10	
9968	65100	< 5	< 15	< 10	
9969	65101	< 5			
9970	65102	12			
9971	65103	15	< 15	< 10	
9972	65104	5	< 15	< 10	
9973	65105	10			
9974	Check 65105	11			
9975	65106	< 5			
9976	65107	24			
9 977	65108	33			
9978	65109	14	< 15	< 10	
9979	65110	< 5	< 15	< 10	

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ONTARIO P7B 6G3 tel.net WEB www.accurassay.com

Certificate of Analysis

Monday, July 22, 2002

Clark Consulting	Date Received : 10-Jul-02	2
Thunder Bay ON CA	10^{-10}	2. 5.4
P7A6G5	Reference : Red Lake) ;
Ph#: (807) 622-3284 Fax#: (807) 622-3284 Email gjclark@tbaytel.net	Sample #: 243	Core

			Au	Pt	Pd	Rh
Accurassay #	Client I	d	ppb	ppb	ppb	ppb
9980	. 65111		8			
9 981	65112		7			
9982	65113		24			
9983	65114		11			
9984	Check 65114		12			
9985	65115		21			
9986	65116		31			
9987	65117		22			
9988	65118		17			
9989	65119		9	<15	< 10	
9990	65120		11	< 15	< 10	
9991	65179		< 5			
9992	65180		< 5			
9993	65181		< 5			
9994	Check 65181		< 5			
9 995	65182		< 5			
9996	65183		< 5			
9997	65184		< 5			
9998	65185		< 5			
9999	65186		8			
10000	65187		< 5			
10001	65188		11			

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ONTARIO P7B 6G3 vtel.net WEB www.accurassay.com

Certificate of Analysis

Thursday, July 25, 2002

Clark Consulting	Date Received : 16-Jul-02	
1000 Alloy Dr.	Date Completed : 24-Jul-02	
Thunder Bay, ON, CA	Job # 200240380	
P7A6G5	Reference : Red Lake	
Ph#: (807) 622-3284	Samole #: 312 Corr	a
Fax#: (807) 622-3284		
Email gjclark@tbaytel.net		

A coursecour#	Olient	Au	Pt	Pd	Rh
11625	65234	10 ppb 34	ppo	ppp	ppo
11626	65235	11			
11627	65236	20			
11628	65237	45			
11629	65238	13			
11630	65239	31			
11631	65240	58			
11632	65241	45			
11633	65242	22			
11634	65243	15			
11635	Check 65243	13			
11636	65244	< 5			
11637	65245	8			
11638	65246	7			
11639	65247	12			
11640	65248	13			
11641	65249	159			
11642	65250	< 5			
11643	65251	6			
11644	65252	< 5			
11645	Check 65252	< 5			
11646	65253	< 5			

PROCEDURE CODES: AL AUD Certified By: Page 1 of 16

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Certificate of Analysis

Thursday, July 25, 2002

Clark Consulting	Date Received 16-Jul-02
1000 Alloy Dr.	Date Completed : 24-Jul-02
Thunder Bay, ON, CA	Job# 200240380
P7A6G5	Reference: Red Lake
Ph#: (807) 622-3284 Fax#: (807) 622-3284 Email gjclark@tbaytel.net	Sample #: 312 Core

A		Au	Pt	Pd	Rh
Accurassay #	- Client Id 65254	ppb < 5	рръ	ррр	ррб
11648	65255	45			
11649	65256	34			
11650	65257	34			
11651	65258	-5			
11652	65259	8			
11653	65260	8			
11654	65261	0			
11054	05261	,			
11055	Check 05261	2			
11656	65262	< 5			
11657	65263	< 5			
11658	65264	< 5			
11659	65265	6			
11660	65266	5			
11661	65267	< 5			
11662	65268	32			
11663	65269	9			
11664	65270	< 5			
11665	Check 65270	< 5			
11666	65271	249			
11667	65272	7			
11668	65273	6			

PROCEDURE CODES: ACTAON Certified By: Page 2 of 16

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A DIVISION OF ASSAY LABORATORY SERVICES INC.



Certificate of Analysis

Thursday, July 25, 2002

Clark Consulting	Date Received: 16-Jul-02
1000 Alloy Dr.	Date Completed : 24-Jul-02
Thunder Bay, ON, CA	Job # 200240380
P7A6G5	Reference: Red Lake
Ph#: (807) 622-3284 Fax#: (807) 622-3284 Email gjclark@tbaytel.net	Sample #: 312 Core

A		Au	Pt	Pd	Rh
Accurassay # 11669	65274	ррр < 5	рро	ррр	аqq
11670	65275	9			
11671	65276	7			
11672	65277	14			
11673	65278	51			
11674	65279	22			
11675	Check 65279	18			
11676	65280	8			
11677	65281	16			
11678	65282	404			
11679	65283	75			
11680	65284	14			
11681	65285	10			
11682	65286	378			
11683	65287	152			
11684	65288	92			
11685	Check 65288	89			
11686	65289	174			
11687	65290	88			
11688	65291	132			
11689	65292	56			
11690	65293	305			

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A DIVISION OF ASSAY LABORATORY SERVICES INC.



1070 LITHIUM DRIVE, UNIT 2 THUNDER BAY, ONTARIO P7B 6G3 PHONE (807) 626-1630 FAX (807) 623 6820 EMAIL accuracy@tbaytel.net WEB www.accurassay.com

Certificate of Analysis

Thursday, July 25, 2002

Clark Consulting 1000 Allov Dr.	Date Received : 16-Jul-02 Date Completed : 24-Jul-02
Thunder Bay, ON, CA	Job # 200240380
P7A6G5	Reference : Red Lake
Ph#: (807) 622-3284 Fax#: (807) 622-3284 Email giclark@tbaytel.net	Sample #: 312 Core

		Au	Pt	Pd	Rh
Accurassay #	Client Id	ppb	ppb	ppb	ppb
11691	65294	20			
11692	65295	41			
11693	65296	110			
11694	65297	44			
11695	Check 65297	34			
11696	65298	35			
11697	65299	47			
11698	65300	208			
11699	65301	24			
11700	65302	29			
11701	65303	36			
11702	65304	25			
11703	65305	22			
11704	65306	24			
11705	Check 65306	20			
11706	65307	5			
11707	65308	64			
11708	65309	17			
11709	65310	12			
11710	65311	9			
11711	65312	< 5			
11712	65313	< 5			

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A DIVISION OF ASSAY LABORATORY SERVICES INC.

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PHONE (807) 626-1630 FAX (807) 623 6820 EMAIL accuracy@tbaytel.net

WEB www.accurassay.com

Certificate of Analysis

Thursday, July 25, 2002

Clark Consulting 1000 Alloy Dr.	Date Received : 16-Jul-02 Date Completed : 24-Jul-02
Thunder Bay, ON, CA	Job # 200240380
P7A6G5	Reference : Red Lake
Ph#: (807) 622-3284 Fax#: (807) 622-3284 Email gjclark@tbaytel.net	Sample #: 312 Core

			Au	Pt	Pd	Rh
Accurassay #	Client	ld	ppb	ppb	ppb	ppb
11713	. 65314		< 5			
11714	65315		9			
11715	Check 65315		17			
11716	65316		17			
11717	65317		18			
11718	65318		24			
11719	65319		10			
11720	65320		5			
11721	65321		< 5			
11722	65322		13			
11723	65323		< 5			
11724	65324		< 5			
11725	Check 65324		< 5			
11726	65325		< 5			
11727	65326		< 5			
11728	65327		7			
11729	65328		7			
11730	65329		29			
11731	65330		< 5			
11732	65331		< 5			
11733	65332		< 5			
11734	65333		< 5			

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ONTARIO P7B 6G3 tel.net WEB www.accurassay.com

Certificate of Analysis

Thursday, July 25, 2002

Clark Consulting	Date Received :	16-Jul-02	
1000 Alloy Dr.	Date Completed :	24-Jul-02	
Thunder Bay, ON, CA	Job #	20024038	0
P7A6G5	Reference :	Red Lake	
Ph#: (807) 622-3284	Sample #:	312	Core
Fax#: (807) 622-3284			
Email gjclark@tbaytel.net			

			Au	Pt	Pd	Rh	
Accurassay #		Client Id	ppb	ppb	ppb	ppb	
11735	Check	65333	< 5				
11736		65334	< 5				
11737		65335	19				
11738		65336	5				
11739		65337	10				
11740		65338	24				
11741		65339	30				
11742		65340	11				
11743		65341	16				
11744		65342	9				
11745	Check	65342	< 5				
11746		65343	5				
11747		65344	7				
11748		65345	< 5				
11749		65346	< 5				
11750		65347	< 5				
11751		65348	< 5				
11752		65349	6				
11753		65350	< 5				
11754		65351	< 5				
11755	Check	65351	6				
11756		65352	< 5				

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Certificate of Analysis

Thursday, July 25, 2002

Clark Consulting	Date Received : 16-Jul-0 Date Completed : 24-Jul-0	2
Thunder Bay, ON, CA	Job # 2002403	880
P7A6G5	Reference : Red Lak	e
Ph#: (807) 622-3284 Fax#: (807) 622-3284	Sample #: 312	Core
Email gjclark@tbaytel.net		· · · · · · · · · · · · · · · · · · ·

		Au	Pt	Pd	Rh
Accurassay #	Client Id	ppb	ppb	ppb	ppb
11757	65353	< 5			
11758	65354	< 5			
11759	65355	17			
11760	65356	< 5			
11761	65357	10			
11762	65358	< 5			
11763	65359	< 5			
11764	65360	< 5			
11765	Check 65360	< 5			
11766	65361	< 5			
11767	65362	8306			
11768	65363	< 5			
11769	65364	< 5			
11770	65365	< 5			
11771	65366	< 5			
11772	65367	< 5			
11773	65368	< 5			
11774	65369	< 5			
11775	Check 65369	< 5			
11776	65370	< 5			
11777	65371	< 5			
11778	65372	< 5			

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Certificate of Analysis

Thursday, July 25, 2002

Clark Consulting	Date Received : 16-Jul-02
1000 Alloy Dr.	Date Completed : 24-Jul-02
Thunder Bay, ON, CA	Job # 200240380
P7A6G5	Reference : Red Lake
Ph#: (807) 622-3284 Fax#: (807) 622-3284 Email gjclark@tbaytel.net	Sample #: 312 Core

Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh ppb
117/9	, 65373	< 5			
11780	65374	11			
11781	65375	< 5			
11782	65376	15			
11783	65377	16			
11784	65378	< 5			
11785	Check 65378	< 5			
11786	65379	< 5			
11787	65380	27			
11788	65381	24			
11789	65382	28			
11790	65383	26			
11791	65384	13			
11792	65385	89			
11793	65386	21			
11794	65387	8			
11795	Check 65387	9			
11796	65388	< 5			
11797	65389	< 5			
11798	65390	1291			
11799	65391	<5			
11800	65392	26			

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Certificate of Analysis

Thursday, July 25, 2002

Clark Consulting	Date Received: 16-Jul-02
1000 Alloy Dr.	Date Completed : 24-Jul-02
Thunder Bay, ON, CA	Job # 200240380
P7A6G5	Reference : Red Lake
Ph#: (807) 622-3284 Fax#: (807) 622-3284 Email gjclark@tbaytel.net	Sample #: 312 Core

		Au	Pt	Pd	Rh
Accurassay #	Client Id	ppb	ppb	ppb	ppb
11801	65393	< 5			
11802	71307	17			
11803	71308	14			
11804	71309	9			
11805	Check 71309	5			
11806	71310	< 5			
11807	71311	< 5			
11808	71312	< 5			
11809	71313	< 5			
11810	71314	< 5			
11811	71315	< 5			
11812	71316	10			
11813	71317	<5			
11814	71318	22			
11815	Check 71318	16			
11816	71319	15			
11817	71320	< 5			
11818	71321	< 5			
11819	71322	< 5			
11820	71323	6			
11821	71324	< 5			
11822	71325	< 5			

PROCEDURE CODES: AL CAUS

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A DIVISION OF ASSAY LABORATORY SERVICES INC. MINERAL ASSAY DIVISION



1070 LITHIUM DRIVE, UNIT 2 THUNDER BAY, ONTAI PHONE (807) 626-1630 FAX (807) 623 6820 EMAIL accuracy@tbaytel.net

THUNDER BAY, ONTARIO P7B 6G3 EMAIL accuracy@tbaytel.net WEB www.accurassay.com

Certificate of Analysis

Thursday, July 25, 2002

Clark Consulting	Date Received : 10	6-Jul-02
1000 Alloy Dr.	Date Completed : 24	4-Jul-02
Thunder Bay, ON, CA	Job # 20	.00240380
P7A6G5	Reference : R	led Lake
Ph#: (807) 622-3284 Fax#: (807) 622-3284	Sample #: 3	12 Core
Email gjclark@tbaytel.net		

		Au	Pt	Pd	Rh
Accurassay #	Client Id	ppb	ppb	ppb	ppb
11823	71326	< 5			
11824	71327	19			
11825	Check 71327	20			
11826	71328	< 5			
11827	71329	10			
11828	71330	16			
11829	71331	21			
11830	71332	89			
11831	71333	1578			
11832	71334	430			
11833	71335	3608			
11834	71336	512			
11835	Check 71336	506			
11836	71337	266			
11837	71338	24			
11838	71339	1165			
11839	71340	91			
11840	71341	13			
11841	71342	13			
11842	71343	< 5			
11843	71344	< 5			
11844	71345	< 5			

PROCEDURE CODES: AL 4Au3 Certified By:

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1070 LITHIUM DRIVE, UNIT 2 TH PHONE (807) 626-1630 FAX (807) 623 6820 EM

THUNDER BAY, ONTARIO P7B 6G3 EMAIL accuracy@tbaytel.net WEB ww

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Certificate of Analysis

Thursday, July 25, 2002

Clark Consulting	Date Received: 16-Jul-02	
1000 Alloy Dr.	Date Completed : 24-Jul-02	
Thunder Bay, ON, CA	Job # 200240380	
P7A6G5	Reference : Red Lake	
Ph#: (807) 622-3284	Sample #: 312 Core	
Email giclark@tbaytel.net		

		A	u l	Pt	Pd	Rh
Accurassay #	Client I	d bt	b pl	b	ppb	ppb
11845	Check 71345		< 5			
11846	71346		< 5			
11847	71347		< 5			
11848	71348		< 5			
11849	71349		< 5			
11850	71350		< 5			
11851	71351		< 5			
11852	71352		5			
11853	71353		< 5			
11854	71354		7			
11855	Check 71354		6			
11856	71355		< 5			
11857	71356		9			
11858	71357		11			
11859	71358		7			
11860	71359		6			
11861	71360		6			
11862	71361		6			
11863	71362		11			
11864	71363		42			
11865	Check 71363		57			
11866	71364		53			

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Certificate of Analysis

Thursday, July 25, 2002

Clark Consulting	Date Received : 16-Jul	-02
1000 Alloy Dr.	Date Completed : 24-Jul	-02
Thunder Bay, ON, CA	Job # 20024	0380
P7A6G5	Reference : Red L	ake
Ph#: (807) 622-3284	Sample #: 312	Core
Fax#: (807) 622-3284	Comple #: 512	Cole
Email gjclark@tbaytel.net		

		Au	Pt	Pd	Rh
Accurassay #	Client Id	ppb	ppb	ppb	ppb
11867	, 71365	19			
11868	71366	30			
11869	71367	32			
11870	71368	60			
11871	71369	59			
11872	71370	57			
11873	71371	33			
11874	71372	. 12			
11875	Check 71372	18			
11876	71373	15			
11877	71374	19			
11878	71375	19			
11879	71376	51			
11880	71377	25			
11881	71378	< 5	< 15	< 10	
11882	71379	15			
11883	71380	5			
11884	71381	25			
11885	Check 71381	20			
11886	71382	20			
11887	71383	< 5	< 15	< 10	
11888	71384	20			

PROCEDURE CODES: ALAAU3 Certified By: AL907-0049-07/25/2002 08:51 AM Page 12 of 16

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Certificate of Analysis

Thursday, July 25, 2002

Clark Consulting	Date Received :	16 -Jul- 02	
1000 Alloy Dr.	Date Completed :	24-Jul-02	•
Thunder Bay, ON, CA	Job #	20024038	30
P7A6G5	Reference :	Red Lake	;
Ph#: (807) 622-3284 Fax#: (807) 622-3284	Sample #:	312	Core
Email gjelark@tbaytel.net			

			Au	Pt	Pd	Rh
Accurassay #	Clier	nt Id	ppb	ppb	ppb	ppb
11889	, 7138	5	15			
11890	7138	36	13			
11891	7138	37	14			
11892	7138	8	< 5	< 15	< 10	
11893	7138	39	8			
11894	7139	0	< 5			
11895	Check 7139	0	< 5			
11896	7139	1	< 5	< 15	< 10	
11897	7139	2	< 5			
11898	7139	3	< 5			
11899	7139	94	< 5			
11900	7139	5	< 5			
11901	7139	6	< 5			
11902	7139	7	< 5			
11903	7139	8	< 5			
11904	7139	9	< 5			
11905	Check 7139	9	< 5			
11906	7140	0	< 5			
11907	7140	1	< 5			
11908	7140	2	< 5			
11909	7140	3	< 5			
11910	7140	4	< 5			

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THUNDER BAY, ONTARIO P7B 6G3 EMAIL accuracy@tbaytel.net WEB ww

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Certificate of Analysis

Thursday, July 25, 2002

Clark Consulting	Date Received : 16-Jul-02
1000 Alloy Dr.	Date Completed : 24-Jul-02
Thunder Bay, ON, CA	Job # 200240380
P7A6G5	Reference : Red Lake
Ph#: (807) 622-3284 Fax#: (807) 622-3284 Email gjclark@tbaytel.net	Sample #: 312 Core

		Au	Pt	Pd	Rh
Client Id		ppb	ppb	ppb	ppb
71405		< 5			
71406		6			
71407		21			
71408		118			
Check 71408		82			
71409		10			
71410		6			
71411		18			
71412		15			
71413		10			
71414		< 5			
71415		23			
71416		8			
71417		23			
Check 71417		< 5			
71418		< 5			
71419		< 5			
71420		8			
71421		< 5			
71422		< 5			
71423		< 5			
71424		< 5			
	Client Id 71405 71406 71407 71408 71409 71409 71410 71410 71412 71413 71413 71414 71415 71415 71416 71415 71416 71417 71418 71419 71420 71421 71422 71423 71423	Client Id 71405 71406 71407 71407 71408 Check 71408 71409 71410 71410 71411 71412 71412 71413 71414 71415 71415 71415 71416 71417 Check 71417 Check 71417 71421 71420 71421 71422 71423 71424	Au ppb 71405 <5 71406 6 71407 21 71408 118 Check 71409 10 71410 6 71410 6 71409 10 71411 18 71412 15 71413 10 71414 <5 71415 23 71416 8 71417 23 Check 71417 71418 <5 71419 <5 71420 8 71421 <5 71423 <5 71423 <5	Au Pt ppb ppb 71405 <5 71406 6 71407 21 71408 118 Check 71408 71409 10 71410 6 71410 6 71411 18 71412 15 71413 10 71414 <5 71415 23 71416 8 71417 23 71418 <5 71419 <5 71420 8 71421 <5 71423 <5 71423 <5 71423 <5	Au Pt Pd Client ld 71405 ppb ppb ppb ppb 71405 6

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Certificate of Analysis

Thursday, July 25, 2002

Clark Consulting 1000 Alloy Dr.	Date Received : 16-Jul-02 Date Completed : 24-Jul-02
Thunder Bay, ON, CA	Job # 200240380
P7A6G5	Reference : Red Lake
Ph#: (807) 622-3284 Fax#: (807) 622-3284 Email gjclark@tbaytel.net	Sample #: 312 Core

		Au	Pt	Pd	Rh
Accurassay #	Client Id	ppb	ppb	ppb	ppb
11933	71425	< 5			
11934	71426	< 5			
11935	Check 71426	< 5			
11936	71427	< 5			
11937	71428	< 5			
11938	71429	< 5			
11939	71430	29			
11940	71431	8			
11941	71432	7			
11942	71433	8			
11943	71434	8			
11944	71435	29			
11945	Check 71435	35			
11946	71436	20			
11947	71437	19			
11948	71438	< 5			
11949	71439	5			
11950	71440	< 5			
11951	71441	< 5			
11952	71442	< 5			
11953	71443	6			
11954	71444	< 5			

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WEB www.accurassay.com

Certificate of Analysis

Thursday, July 25, 2002

Clark Consulting	Date Received : 16-Jul-02			
1000 Alloy Dr.	Date Completed : 24-Jul-02			
Thunder Bay, ON, CA	Job # 200240380			
P7A6G5	Reference : Red Lake			
Ph#: (807) 622-3284	Sample #: 312 Core			
Fax#: (807) 622-3284				
Email gjclark@tbaytel.net				

			Au	Pt	f	Pd	Rh
Accurassay #		Client Id	ppb	ppb	р	pb	ppb
11955	Check	71444	< 5				
11956		71445	138				
11957		71446	< 5				
11958		71447	< 5				
11959		71448	< 5				
11960		71449	12				
11961		71450	< 5				
11962		71451	5				
11963		71452	5				
11964		71453	< 5				
11965	Check	71453	8				
11966		71454	22				
11967		71455	12				
11968		71456	27				
11969		71457	8				
11970		71458	12				

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Certificate of Analysis

Friday, July 19, 2002

Clark Consulting	Date Received: 12-Jul-02
1000 Alloy Dr.	Date Completed: 18-Jul-02
Thunder Bay, ON, CA	Job # 200240362
P7A6G5	Reference : Red Lake
Ph#: (807) 622-3284	Sample #: 90 Core
Fax#: (807) 622-3284	
Email gjclark@tbaytel.net	

Accurassav #		Client Id	Au	Au	Au
Accuraced #		Sherit Id	ppb	oz/t g	g/t (ppm)
10630	,	71158	6	<0.001	0.006
10631	-	71159	< 5	< 0.001	< 0.005
10632	7	71160	175	0.005	0.175
10633	-	71161	< 5	<0.001	< 0.005
10634	7	71162	19	<0.001	0.019
10635	-	71163	< 5	<0.001	< 0.005
10636	-	71164	41	0.001	0.041
10637	-	71165	< 5	<0.001	< 0.005
10638	7	71166	< 5	<0.001	< 0.005
10639	-	71167	< 5	<0.001	< 0.005
10640	Check 7	71167	< 5	<0.001	< 0.005
10641	-	71168	7	<0.001	0.007
10642	7	71169	6	<0.001	0.006
10643	-	71170	7	<0.001	0.007
10644	7	71171	< 5	<0.001	< 0.005
10645	7	71172	< 5	<0.001	< 0.005
10646	. 7	71173	< 5	<0.001	< 0.005
10647	7	71174	< 5	<0.001	< 0.005
10648	7	71175	< 5	<0.001	< 0.005
10649	7	71176	< 5	<0.001	< 0.005
10650	Check 7	71176	< 5	<0.001	< 0.005
10651	7	71177	< 5	<0.001	< 0.005

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Page 1 of 5

A DIVISION OF ASSAY LABORATORY SERVICES INC.



Certificate of Analysis

Friday, July 19, 2002

Clark Consulting	Date Received: 12-Jul-02
1000 Alloy Dr.	Date Completed : 18-Jul-02
Thunder Bay, ON, CA	Job # 200240362
P7A6G5	Reference : Red Lake
Ph#: (807) 622-3284	Sample #: 00 Core
Fax#: (807) 622-3284	
Email gjclark@tbaytel.net	

A			Au	Au	Au	
Accurassay #			ppb	oz/t	g/t (ppm)	
10652		71178	< 5	<0.001	< 0.005	
10653		71179	< 5	<0.001	< 0.005	
10654		71180	< 5	<0.001	< 0.005	
10655		71181	11	< 0.001	0.011	
10656		71182	6	<0.001	0.006	
10657		71183	14	<0.001	0.014	
10658		71184	15	<0.001	0.015	
10659		71185	28	<0.001	0.028	
10660	Check	71185	22	<0.001	0.022	
10661		71186	11	<0.001	0.011	
10662		71187	9	<0.001	0.009	
10663		71188	14	<0.001	0.014	
10664		71189	241	0.007	0.241	
10665		71190	16	<0.001	0.016	
10666		71191	729	0.021	0.729	
10667		71192	40	0.001	0.040	
10668		71193	7	<0.001	0.007	
10669		71194	< 5	<0.001	< 0.005	
10670	Check	71194	< 5	<0.001	< 0.005	
10671		71195	7	<0.001	0.007	
10672		71196	< 5	<0.001	< 0.005	
10673		71197	< 5	<0.001	< 0.005	

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A DIVISION OF ASSAY LABORATORY SERVICES INC.



1070 LITHIUM DRIVE, UNIT 2 THUNDER BAY, ONTARIO P7B 6G3 PHONE (807) 626-1630 FAX (807) 623 6820 EMAIL accuracy@tbaytel.net WEB www.accurassay.com

Certificate of Analysis

Friday, July 19, 2002

Clark Consulting	Date Received : 1	12-Jul-02
1000 Alloy Dr.	Date Completed : 1	8-Jul-02
Thunder Bay, ON, CA	Job # 2	200240362
P7A6G5	Reference : R	Red Lake
Ph#: (807) 622-3284	Sample #: 0	0 Core
Fax#: (807) 622-3284	Campic #.)	
Email gjclark@tbaytel.net		

Accurassay #	Client Id	Au	Au	Au
		ppb	oz/t	g/t (ppm)
10674	71198	40	0.001	0.040
10675	71199	13	<0.001	0.013
10676	71200	9	<0.001	0.009
10677	71201	7	<0.001	0.007
10678	71202	6	<0.001	0.006
10679	71203	< 5	<0.001	< 0.005
10680 Check	71203	7	<0.001	0.007
10681	71204	20	<0.001	0.020
10682	71205	46	0.001	0.046
10683	71206	12	<0.001	0.012
10684	71207	95	0.003	0.095
10685	71208	33	<0.001	0.033
10686	71209	35	0.001	0.035
10687	71210	< 5	<0.001	< 0.005
10688	71211	< 5	<0.001	< 0.005
10689	71212	17	<0.001	0.017
10690 Check	71212	12	< 0.001	0.012
10691	71213	5	<0.001	0.005
10692	71214	< 5	<0.001	< 0.005
10693	71215	< 5	<0.001	< 0.005
10694	71216	19	<0.001	0.019
10695	71217	20	<0.001	0.020

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A DIVISION OF ASSAY LABORATORY SERVICES INC. MINERAL ASSAY DIVISION



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Certificate of Analysis

Friday, July 19, 2002

Clark Consulting	Date Received: 12-Jul-0	2	
1000 Alloy Dr.	Date Completed : 18-Jul-0	2	
Thunder Bay, ON, CA	Job # 2002403	62	
P7A6G5	Reference: Red Lake		
Ph#: (807) 622-3284	Sample # 90	Core	
Fax#: (807) 622-3284	eutipie in so	COIC	
Email gjclark@tbaytel.net			

A couraccou #		Client Id	Au	Au	Au	
Accurassay #		Chent Id	ppb	oz/t	g/t (ppm)	
10696		71218	24	<0.001	0.024	
10697		71219	27	< 0.001	0.027	
10698		71220	24	<0.001	0.024	
10699		71221	27	< 0.001	0.027	
10700	Check	71221	28	< 0.001	0.028	
10701		71222	31	< 0.001	0.031	
10702		71223	8	< 0.001	0.008	
10703		71224	5	<0.001	0.005	
10704		71225	20	<0.001	0.020	
10705		71226	44	0.001	0.044	
10706		71227	306	0.009	0.306	
10707		71228	15	<0.001	0.015	
10708		71229	15	<0.001	0.015	
10709		71230	25	<0.001	0.025	
10710	Check	71230	24	<0.001	0.024	
10711		71231	20	<0.001	0.020	
10712		71232	109	0.003	0.109	
10713		71233	23	<0.001	0.023	
10714		71234	34	0.001	0.034	
10715		71235	751	0.022	0.751	
10716		71236	88	0.003	0.088	
10717		71237	1092	0.032	1.092	

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Certificate of Analysis

Friday, July 19, 2002

Clark Consulting 1000 Alloy Dr	Date Received : 12-Jul-02 Date Completed : 18-Jul-02	
Thunder Bay, ON, CA	Job # 200240362	
P7A6G5	Reference : Red Lake	
Ph#: (807) 622-3284 Fax#: (807) 622-3284 Email giclark@tbaytel.net	Sample #: 90 Core	

Accurassay #		Client Id	Au ppb	Au oz/t	Au g/t (ppm)
10718		71238	599	0.017	0.599
10719		71239	14	<0.001	0.014
10720	Check	71239	15	<0.001	0.015
10721		71240	14	< 0.001	0.014
10722		71241	11	<0.001	0.011
10723		71242	10	<0.001	0.010
10724		71243	6	<0.001	0.006
10725		71244	5	< 0.001	0.005
10726		71245	6	<0.001	0.006
10727		71246	8	<0.001	0.008
10728		71247	10	<0.001	0.010

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Certificate of Analysis

Thursday, July 25, 2002

 Clark Consulting
 Date Received : 16-Jul-02

 1000 Alloy Dr.
 Date Completed : 24-Jul-02

 Thunder Bay, ON, CA
 Job # 200240381

 P7A6G5
 Reference : Red Lake

 Ph#:
 (807) 622-3284

 Fax#:
 (807) 622-3284

 Email giclark@tbaytel.net
 Core

Accurassav #		Client Id	Au	Au	Au
Acculassay #		Client lu	ррb	oz/t	g/t (ppm)
12015		65162	< 5	< 0.001	< 0.005
12016		65163	< 5	<0.001	< 0.005
12017		65164	8	<0.001	0.008
12018		65165	< 5	<0.001	< 0.005
12019		65166	< 5	< 0.001	< 0.005
12020		65167	< 5	<0.001	< 0.005
12021	Check	65167	< 5	< 0.001	< 0.005
12022		65168	< 5	<0.001	< 0.005
12023		65169	12	< 0.001	0.012
12024		65170	9	<0.001	0.009
12025		65171	< 5	< 0.001	< 0.005
12026		65172	< 5	<0.001	< 0.005
12027		65173	< 5	<0.001	< 0.005
12028		65174	< 5	<0.001	< 0.005
12029		65175	< 5	<0.001	< 0.005
12030		65176	< 5	<0.001	< 0.005
12031	Check	65176	< 5	< 0.001	< 0.005
12032		65177	< 5	<0.001	< 0.005
12033		65178	< 5	< 0.001	< 0.005
12034		71248	< 5	<0.001	< 0.005
12035		71249	< 5	< 0.001	< 0.005
12036		71250	< 5	<0.001	< 0.005

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Certificate of Analysis

Thursday, July 25, 2002

Clark Consulting	Date Received : 16-Jul-02
1000 Alloy Dr.	Date Completed : 24-Jul-02
Thunder Bay, ON, CA	Job # 200240381
P7A6G5	Reference : Red Lake
Ph#: (807) 622-3284	Sample #: 116 Core
Fax#: (807) 622-3284	Gample #. 110 Cole
Email gjclark@tbaytel.net	

Accurassav #		Client Id	Au	Au	Au
/ loourubbuly #			ррь	oz/t g	g/t (ppm)
12037		71251	< 5	< 0.001	< 0.005
12038		71252	12	<0.001	0.012
12039		71253	15	< 0.001	0.015
12040		71254	< 5	<0.001	< 0.005
12041	Check	71254	< 5	< 0.001	< 0.005
12042		71255	12	< 0.001	0.012
12043		71256	15	< 0.001	0.015
12044		71257	9	< 0.001	0.009
12045		71258	6	< 0.001	0.006
12046		71259	13	< 0.001	0.013
12047		71260	24	<0.001	0.024
12048		71261	41	0.001	0.041
12049		71262	21	<0.001	0.021
12050		71263	38	0.001	0.038
12051	Check	71263	24	< 0.001	0.024
12052		71264	47	0.001	0.047
12053		71265	37	0.001	0.037
12054		71266	27	< 0.001	0.027
12055		71267	< 5	<0.001	< 0.005
12056		71268	< 5	<0.001	< 0.005
12057		71269	< 5	<0.001	< 0.005
12058		71270	< 5	<0.001	< 0.005

PROCEDURE GODES ALAAN Certified By AL903-0049-07/25/2002 08:48 AM

Page 4 of 6





1070 LITHIUM DRIVE, UNIT 2 PHONE (807) 626-1630 FAX (807) 623 6820 THUNDER BAY, ONTARIO P7B 6G3 EMAIL accuracy@tbaytel.net WEB ww

WEB www.accurassay.com

Certificate of Analysis

Thursday, July 25, 2002

Clark Consulting	Date Received : 16-Jul-02
1000 Alloy Dr.	Date Completed : 24-Jul-02
Thunder Bay, ON, CA	Job # 200240381
P7A6G5	Reference: Red Lake
Ph#: (807) 622-3284	Sample # 116 Core
Fax#: (807) 622-3284	Cample #: 110 Cole
Email gjclark@tbaytel.net	

A coursecou #		Client Id	Au	Au	Au
Accurassay #			ppb	oz/t g	g/t (ppm)
12059	,	71271	9	< 0.001	0.009
12060		71272	< 5	<0.001	< 0.005
12061	Check	71272	< 5	< 0.001	< 0.005
12062		71273	< 5	<0.001	< 0.005
12063		71274	8	<0.001	0.008
12064		71275	< 5	<0.001	< 0.005
12065		71276	11	< 0.001	0.011
12066		71277	< 5	<0.001	< 0.005
12067		71278	< 5	<0.001	< 0.005
12068		71279	< 5	<0.001	< 0.005
12069		71280	< 5	< 0.001	< 0.005
12070		71281	< 5	<0.001	< 0.005
12071	Check	71281	< 5	< 0.001	< 0.005
12072		71282	< 5	<0.001	< 0.005
12073		71283	< 5	<0.001	< 0.005
12074		71284	< 5	<0.001	< 0.005
12075		71285	< 5	< 0.001	< 0.005
12076		71286	< 5	<0.001	< 0.005
12077		71287	56	0.002	0.056
12078		71288	< 5	<0.001	< 0.005
12079		71289	< 5	< 0.001	< 0.005
12080		71290	< 5	<0.001	< 0.005

PROCEDURE GODES: ALAAU3 Certified By: Page 5 of 6





1070 LITHIUM DRIVE, UNIT 2 PHONE (807) 626-1630 FAX (807) 623 6820

THUNDER BAY, ONTAI EMAIL accuracy@tbaytel.net

ONTARIO P7B 6G3 /tel.net WEB www.accurassay.com

Certificate of Analysis

Thursday, July 25, 2002

Clark Consulting	Date Received: 16-Jul-02			
1000 Alloy Dr.	Date Completed : 24-Jul-02			
Thunder Bay, ON, CA	Job # 200240381			
P7A6G5	Reference: Red Lake			
Ph#: (807) 622-3284	Sample #: 116 Care			
Fax#: (807) 622-3284	Sample #. 110 Cole			
Email gjclark@tbaytel.net				

A			Au	Au	Au
Accurassay #		Client Id	ppb	oz/t g	p/t (ppm)
12081	Check	71290	< 5	< 0.001	< 0.005
12082		71291	< 5	< 0.001	< 0.005
12083		71292	< 5	<0.001	< 0.005
12084		71293	6	<0.001	0.006
12085		71294	< 5	<0.001	< 0.005
12086		71295	< 5	< 0.001	< 0.005
12087		71296	< 5	<0.001	< 0.005
12088		71297	< 5	<0.001	< 0.005
12089		71298	< 5	<0.001	< 0.005
12090		71299	< 5	<0.001	< 0.005
12091	Check	71299	< 5	<0.001	< 0.005
12092		71300	< 5	< 0.001	< 0.005
12093		71301	< 5	< 0.001	< 0.005
12094		71302	< 5	<0.001	< 0.005
12095		71303	< 5	< 0.001	< 0.005
12096		71304	< 5	<0.001	< 0.005
12097		71305	7	<0.001	0.007
12098		71306	< 5	<0.001	< 0.005

PROCEDURE CODES: A Certified By AL903-0049-07/25/2002 08:48 AM

Page 6 of 6



Work Report Summary

Transaction No:	W0220.01612	Status:	APPROVED
Recording Date:	2002-OCT-22	Work Done from:	2002-JUN-11
Approval Date:	2003-JAN-10	to:	2002-JUL-25

Client(s):

301623 CORSAIR EXPLORATION INC.

Survey Type(s):

ASSAY PDRILL Work Report Details: Perform Applied Reserve Assign Approve Approve Approve Approve Claim# Perform Applied Assign Reserve Due Date KRL 1210049 \$38,686 \$38,686 \$6,400 \$6,400 \$0 0 \$32,286 2004-APR-17 \$32,286 KRL 1210385 \$4,800 \$4,800 \$0 0 \$0 2004-APR-17 \$0 \$0 \$0 KRL 1210388 \$0 \$0 \$6,400 \$6,400 \$0 0 \$0 \$0 2004-APR-17 KRL 1210389 \$20,379 \$6,400 \$6,400 \$10,000 10,000 \$3,979 \$3,979 2004-APR-17 \$20,379 KRL 1210390 \$51,384 \$51,384 \$6,400 \$6,400 \$44,400 44,400 \$584 \$584 2004-APR-17 KRL 1210406 \$0 \$0 \$4,800 \$4,800 \$0 0 \$0 \$0 2004-APR-17 \$0 KRL 1215800 \$0 \$0 \$6,400 \$6,400 0 \$0 \$0 2004-FEB-13 KRL 1215801 \$0 \$6,400 \$6,400 0 \$0 \$0 2004-FEB-13 \$0 \$0 KRL 1217161 \$0 \$0 \$6,400 \$6,400 \$0 0 \$0 \$0 2004-FEB-13 KRL 1217312 \$0 \$0 \$6,400 \$6,400 \$0 0 \$0 \$0 2003-NOV-26 KRL 1234031 \$0 \$0 \$6,400 \$6,400 \$0 0 \$0 \$0 2003-NOV-26 KRL 1234032 \$0 \$0 \$6,400 \$6,400 \$0 0 \$0 \$0 2003-NOV-26 \$73,600 \$54,400 \$36,849 \$36,849 \$110,449 \$110,449 \$73,600 \$54,400

External Credits:

\$0

Reserve:

\$36,849 Reserve of Work Report#: W0220.01612

\$36,849

9 Total Remaining

Status of claim is based on information currently on record.



Ministry of Northern Development and Mines

CORSAIR EXPLORATION INC.

CANADA

950-555-4TH AVENUE, S.W. CALGARY, ALBERTA

Ministère du Développement du Nord et des Mines

Date: 2003-JAN-10



GEOSCIENCE ASSESSMENT OFFICE 933 RAMSEY LAKE ROAD, 6th FLOOR SUDBURY, ONTARIO P3E 6B5

Tel: (888) 415-9845 Fax:(877) 670-1555

Submission Number: 2.24383 Transaction Number(s): W0220.01612

Dear Sir or Madam

T2P 3E7

Subject: Approval of Assessment Work

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

In future assessment work submissions, please provide a detailed breakdown of the costs. Without clear information, the process of evaluating the costs gets difficult and an expense verification may be the only way to justify some of the costs reported.

If you have any question regarding this correspondence, please contact LUCILLE JEROME by email at lucille.jerome@ndm.gov.on.ca or by phone at (705) 670-5858.

Yours Sincerely,

me codil.

Ron Gashinski Senior Manager, Mining Lands Section

Cc: Resident Geologist

James Garnet Clark (Agent)

Corsair Exploration Inc. (Assessment Office) Assessment File Library

Corsair Exploration Inc. (Claim Holder)



minee on the following of Mortham. Development and Mines for adultion al Mornation to statu term head has purposes as the information alog ways if its when is contabiled from teaches sources. I divenues the local Leade Threford, Registry Confice. on the bighings of Notarel Resources. Those wishing to s of the lands shown Comolelences and The information whosen is derived from digital data exattable in the Provincial Mining Recorders' Office at the time of domicoalling from the Ministry of Northern Discuspinant and Minise web, size.

General Information and Limitations

Tul: 1 (909) 418-9048 Fee: 1 (177) 678-1444

Mep Datum: NAO 8 Projection: UTM (6 o Topographic Data S Mining Land Toruge

This map may not shak the opinion of and family and (starpets in) and (starpets) and ante, basens, essentiatto, right of anyos, faceling rights, licenses, al other. It was of slipp attion of rights and informations from the Crowin. Also certain that in the likely and save the invariant of combine for carries that in a data makes at the likely.

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\$377	We .	Jan. 1 1990	WL#377 22/11/77,5 #LD, 164454
19	Ws	Jan. 1 2001	223/71 S.R.O., 100474-2
£.A.	WK .	F45,8 1991	SEC.2 P.L.A. 6 FEB.01 S.R.O.
4343	When	A Hay 23 1943	SEC 35 W4345 234U 0 835R +448, 193639 7498 V,17
LO O Y IRO	VM	Jan 6 1080	W 001400 (JAN RE 5.8.4)
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			# WALE-2003 KD1 CM1, New. 21, 2001 Note, this haundary classify represents the erge
			that is thinky proposed for rappidition and may be ambject to Partner, Mange.
LL-C2334	Wate	Nov 21 2001	Mining and Surface rights within well Section 35 of the Mining Act RSO (999 Order
			# WALE 2001.01 CHT, Nov. 74, 2001 Notes, this boundary, the any, represented the face
			that is holder as an owned into the balling, and must be publication further children.



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