

4360

EXPLORATION CONSULTING

PROPERTY: Sidas Lake		LOCATION: Red Lake	CLAIM NUMBER: 1210049	DOWNHOLE SURVEY: Acid tests		DRILLING COMPANY: Chibougmau Diamond Drilling Inc.	
HOLE NO.: RL-02-06	LENGTH: 174.0m	CORE SIZE: NQ	DEPTH	DIP	DEPTH	DIP	REMARKS: Core Storage: Red Lake
PROJECT NUMBER:	NORTHING: 50+60N	EASTING: 44+00E	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 BY:					LOGGED: Ike Osmani
EXPLORATION CO., OWNER OR OPTIONEE: Planet Exploration Inc.							SIGNATURE: 
HOLE STARTED: June 25, 2002	HOLE FINISHED: June 27, 2002	DECLINATION: 1°E					SHEET 1 OF 7

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DIAMOND DRILL LOG

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METERAGE		ROCK TYPE	DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.)	SAMPLES				ASSAYS	
FROM	TO			No.	FROM	TO	LENGTH	Au ppb	Au ppb
119.1	135.8	Plagioclase- Phyric Gabbro to Leucogabbro	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.						
			77.6 - 78.0m: Ultramafic to mafic dike. Dark green to pale green, fine- grained and massive to foliated, 5-10% pyrrhotite ±pyrite occur as blebs, disseminations and along fractures, upper contact sharp but irregular and the lower contact broken along foliation/ fracture @ 50° to core axis.						
			96.3 - 96.7m: Mafic to intermediate dike. Dark grey to black, fine- grained, siliceous but highly broken 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 - 105.3m: Intermediate to felsic dike (feldspar porphyry?) Medium grey and massive, very fine- grained disseminated sulphides throughout, upper and lower contacts @ 60° and 20°, respectively to core axis.						
			115.7 - 116.0m: Mafic to intermediate dike. Greyish- green to green, fine- grained, massive to foliated 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.						
			Interval primarily comprised of non-porphyric and plagioclase- phyric gabbro to leucogabbro with minor gradational sections of plagioclase- phyric melagabbro. The plagioclase- phyric texture is the most dominant gabbroic phase within the upper 2/3rds of the interval and the lower 1/3rd mainly comprised of non-porphyric gabbro to leucocratic gabbro.	65081	119.10	120.50	1.40	<5	
				65082	120.50	123.50	3.00	14	
				65083	123.50	125.00	1.50	<5	
				65084	125.00	126.50	1.50	<5	

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METERAGE		ROCK TYPE	DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.)	SAMPLES				ASSAYS	
FROM	TO			No.	FROM	TO	LENGTH	Au ppb	Au ppb
135.8	157.8	Gabbro to Mela-gabbro	The gabbros are dark green to greenish- black, massive to foliated and metamorphosed to amphibolite grade facies. Occasional narrow 1-2cm wide shears cut the gabbro @ 25°- 40° to the core axis. The non-porphyritic gabbro is medium- grained. In the plagioclase- phyric phase, plagioclase crystals comprise 20-25% of the rock, and are set within fine grained mafic matrix. The matrix consists of amphibole, biotite and plagioclase. The melagabbroic phase is characterized by 10-15% plagioclase phenocrysts set within amphibole-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. 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 Interval mainly comprised of medium to fine- grained, altered gabbro to melagabbro. The gabbros in this interval are different from the previous interval in terms of texture and colour index. In this interval it is predominantly equigranular and ranges in composition from gabbro to melagabbro with occasional narrow sections of ultramafic. The upper portion of the interval (135.8-142.5m) is strongly altered (silica flooding in the form of quartz veining, patchy epidote alteration) and fractured. The gabbro is intruded by felsic dikes (quartz feldspar porphyry?) and contains mafic volcanic inclusions and a sedimentary raft. The middle and lower portion of the interval is inclusion-free gabbro to melagabbro. The gradation from melagabbro to ultramafic (hornblendite) is very subtle and often uncertain due to alteration (sausseritization).	65085	126.50	128.00	1.50	16	
				65086	128.00	129.70	1.70	22	
				65087	129.70	131.00	1.30	11	14
				65088	131.00	132.40	1.40	14	
				65089	132.40	133.50	1.10	18	
				65090	133.50	135.00	1.50	6	
				65091	135.00	135.80	0.80	10	
				65092	135.80	137.00	1.20	<5	
				65093	137.00	138.00	1.00	19	
				65094	138.00	139.50	1.50	20	
				65095	139.50	141.30	1.80	153	
				65096	141.30	141.70	0.40	20	22
				65097	141.70	142.70	1.00	28	
				65098	142.70	142.90	0.20	19	
				65099	142.90	144.00	1.10	9	
				65100	144.00	145.00	1.50	<5	
				65101	145.00	146.00	1.70	<5	

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METERAGE		ROCK TYPE	DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.)	SAMPLES				ASSAYS	
FROM	TO			No.	FROM	TO	LENGTH	Au ppb	Au ppb
157.8	174.0 End of Hole	Plagioclase- Phyric Gabbro to non-phyric Gabbro	The gabbro is moderately to strongly foliated @ 55° - 60° to core axis. The sulphide (pyrite ± chalcopyrite) content is slightly higher than in the preceding interval. The upper contact is marked by a narrow shear at 70° to core axis.	65102	146.00	147.50	1.50	12	
				65103	147.50	149.00	1.50	15	
				65104	149.00	150.50	1.50	5	
				65105	150.50	152.00	1.50	10	11
			135.8 - 140.0m: Moderately broken core and zone of quartz flooding in the form of veins / pods (possible fault zone).	65106	152.00	153.50	1.50	<5	
				65107	153.50	155.00	1.50	24	
			136.2 - 136.5m: Off-white quartz vein. Non- mineralized, upper and lower contacts at 70° and 40° to core axis respectively.	65108	155.00	156.50	1.50	33	
				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.						
			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.						
			142.7 - 142.9m: Ultramafic phase (hornblendeite/ 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.						
			Interval primarily comprised of plagioclase- phyric to non-porphyric gabbro. It is similar to 119.1m - 135.8m except gabbro in this interval has no leucocratic phase. Ubiquitous narrow shears, at 40° to core axis, cut the gabbro. Trace to <1% sulphides occur as disseminations. Strongly foliated @ 50° - 40° to core axis in the upper half of the interval. The lower half is generally massive with local strongly foliated sections.	65110	157.80	159.00	1.20	<5	
				65111	159.00	160.50	1.50	8	
				65112	160.50	162.00	1.50	7	
				65113	162.00	163.50	1.50	24	
				65114	163.50	165.00	1.50	11	12
				65115	165.00	166.50	1.50	21	

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EXPLORATION CONSULTING

PROPERTY: 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	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 (AZIMUTH / 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.)	SAMPLES				ASSAYS	
FROM	TO			No.	FROM	TO	LENGTH	Au ppb	Au ppb
0.0	15.3	Overburden	Sand, boulders, gravel - moraine						
15.3	28.3	Mafic Volcanic Flow / Tuff	Dark grey-green, fine- grained, moderately soft to hard, non-magnetic and locally foliated to weakly banded at 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 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. Sharp wavy contacts. 24.0m to 24.25m - Blocky broken core. Chlorite and slickensides coating fracture surfaces. Possibly narrow shear, no gouge. At 25.5m - 5cm wide grey quartz vein oriented at 20° to core axis, minor medium grained disseminated pyrite 26.7m to 28.3m - Strongly fractured, fractures at low angle to parallel to core axis, commonly chlorite coating fracture surfaces.	71158	19.00	19.50	0.50	6	
				71159	25.20	25.70	0.50	<5	
28.3	50.0	Mafic to Intermediate Tuff	Interlayered mafic to intermediate tuff, layers/ beds on a 5cm to 2 metre scale, intermediate layers are grey, fine- to medium- grained, relatively hard, non-magnetic, well foliated to banded at 10° to 20° to core axis and contain more quartz veining than mafic layers, quartz veins parallel foliation and banding, mafic layers are dark green to green-grey, commonly massive to foliated at 20° to core axis, fine- to finer medium grained, non-magnetic and contain 5 to 20% mm to cm scale garnets. 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.	71160	34.75	36.25	1.50	175	
				71161	36.25	37.50	1.25	<5	
				71162	37.50	39.00	1.50	19	
				71163	39.00	40.00	1.00	<5	
				71164	40.00	41.10	1.10	41	
50.0	58.6	Intermediate to Felsic Tuff	Medium to light green- grey, fine- to finer medium- grained, locally hard to soft, very locally moderately magnetic exhibiting a moderate to strong foliation at 20° to core axis, section dominated by well foliated to banded intermediate and felsic tuff plus lesser foliated mafic tuff. Overall, appears to be a transition zone between the more mafic tuffaceous rocks uphole and the felsic unit below, no quartz veining; minor disseminated to blebby pyrite often as 3mm bands with foliation plane, local intense blocky fracture on a 30 cm scale.	71165	50.00	51.50	1.50	<5	
				71166	51.50	53.00	1.50	<5	
				71167	53.00	54.50	1.50	<5	<5
				71168	54.50	56.00	1.50	7	
				71169	56.00	57.50	1.50	6	
				71170	57.50	58.60	1.10	7	



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DIAMOND DRILL LOG

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PROPERTY: Sidace Lake	LOCATION: Red Lake	CLAIM NUMBER: 1210049	DOWNHOLE SURVEY: Acid Tests		DRILLING COMPANY: Chibouamau Diamond Drilling Ltd.
HOLE NO.: RL-02-08	LENGTH: 108 metres	CORE SIZE: NQ	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 (AZIMUTH / 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

METERAGE		ROCK TYPE	DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.)	SAMPLES				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 Intermediate - Mafic Volcaniclastic	Interbedded intermediate and mafic tuff on a 10cm to 3 metre scale, strong foliation/ banding at 20° to core axis, compositionally very heterogeneous unit. Intermediate tuffaceous layers are medium to light grey, fine-grained, hard, non-magnetic and intensely foliated/ banded at 20° to core axis defined by alternate light and darker grey bands, composed of plagioclase, biotite and quartz, trace to minor fine grained disseminated to stringer pyrite, moderate to locally strong silicification, local strong carbonate ± chlorite coating fracture surfaces, local weak matrix carbonate; local strong sericite. Mafic tuffaceous layers are dark green grey, fine- grained, hard to moderately hard, non- magnetic and well foliated / banded at 20° to core axis, composed of biotite, garnet, plagioclase ± quartz. Garnets concentrated within mafic tuff layers vary in size from 2mm to 1cm, local strong silicification, local carbonate and chlorite on fractures surface, local moderate to strong epidote, trace disseminated pyrite. 21.8m to 23.25m: Intermediate- felsic layer, light grey, fine grained, moderately hard, strong sericite, local epidote? 27.5m to 29.25m: 30% grey 1/2cm to 3cm scale quartz veins/ bands oriented at 20° to core axis, commonly veins are discontinuous and fragmented. 29.25m to 29.9m: Intensely fractured- blocky core, local clayey gouge seam at 20° to core axis, strong chlorite and carbonate in fractures.	71210	18.50	19.50	1.00	<5	
				71211	19.50	21.00	1.50	<5	
				71212	21.00	21.80	0.80	17	12
				71213	21.80	23.25	1.45	5	
				71214	23.25	24.50	1.25	<5	
				71215	24.50	25.50	1.00	<5	
				71216	25.50	26.50	1.00	19	
				71217	26.50	27.50	1.00	20	
				71218	27.50	28.50	1.00	24	
				71219	28.50	29.25	0.75	27	
				71220	29.25	30.00	0.75	24	
				71221	30.00	30.95	0.95	27	28
				71222	30.95	32.00	1.05	31	
				71223	32.00	33.10	1.10	8	
				71224	33.10	34.00	0.90	5	
				71225	34.00	35.00	1.00	20	
				71226	35.00	36.00	1.00	44	



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DIAMOND DRILL LOG

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EXPLORATION CONSULTING

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METERAGE		ROCK TYPE	DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.)	SAMPLES				ASSAYS	
FROM	TO			No.	FROM	TO	LENGTH	Au ppb	Au ppb
36.0	39.3	Garnetiferous Mafic Volcaniclastic Bed	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.						
			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 axis. Local 2 to 3mm scale pyrite stringers trend parallel and normal to foliation.						
			33.1 to 36.0m: Intermediate tuff, strong sericite, foliated at 10 to 20° to core axis. <10% fine grained disseminated to medium grained blebby pyrite.						
			Dark grey, almost black, fine grained, very hard, non-magnetic and massive (not foliated). Composed of 20% small 1 to 3mm rounded garnet porphyroblasts set in a very fine grained biotite rich groundmass, no visible sulphide mineralization. Diffuse sheared contact at 36.0 at low angle to core axis. Brecciated contact at 39.3.	71227	36.00	37.70	1.70	306	
			Note: Possibly mafic dyke/ sill?	71228	37.70	39.30	1.60	15	
39.3	59.4	Mafic Pyroclastic	Dark green-grey, fine grained, locally hard to soft, non magnetic and locally well foliated/ banded at 0 to 20° to core axis, moderate to strong fine grained biotite, 10 to locally 20% tiny 1 to 2 mm scale garnets throughout, very local large cm scale garnets, commonly strong chlorite plus carbonate coating fracture surfaces. Overall trace to locally minor disseminated to stringer pyrite. Transitioned contact at 59.4m.	71229	39.30	40.10	0.80	15	
			39.3m to 40.9m: 60% brecciated quartz veining, 1 to 10cm scale sub-rounded quartz fragments flattened within the foliation plane at 10 to 20° to core axis. Minor disseminated to blebby pyrite. Diffuse upper and lower contacts.	71230	40.10	40.90	0.80	25	24
			48.25m to 48.45m: Narrow fault zone - brecciated texture, strong carbonate, cm wide massive pyrite vein. Sharp irregular contact at 48.25m at 45° to core axis.	71231	40.90	42.00	1.10	20	
				71232	42.00	43.50	1.50	109	
				71233	43.50	45.00	1.50	23	
				71234	45.00	46.50	1.50	34	
				71235	46.50	48.00	1.50	751	
				71236	48.00	49.50	1.50	88	
				71237	49.50	51.00	1.50	1092	
				71238	51.00	52.50	1.50	599	
				71239	52.50	54.00	1.50	14	15
				71240	54.00	55.20	1.20	14	

DIAMOND DRILL LOG

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EXPLORATION CONSULTING

Sheet 3 OF 4

METERAGE		ROCK TYPE	DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.)	SAMPLES				ASSAYS	
FROM	TO			No.	FROM	TO	LENGTH	Au ppb	Au ppb
59.4	84.65	Intermediate Volcaniclastic	55.2m to 57.15m: 40% brecciated quartz veining, 1 to 5cm scale sub- rounded grey quartz fragments alignment within foliation plane at 20° to core axis.	71241	55.20	56.20	1.00	11	
			57.15m to 59.4m: Mafic volcaniclastic bed- 20% tiny garnets in biotite rich groundmass - same as section 36.0 to 39.3.	71242	56.20	57.15	0.95	10	
				71243	57.15	58.40	1.25	6	
				71244	58.40	59.40	1.00	5	
			Altered, silicified mineralized intermediate tuff. Light to medium grey, very fine- to fine- grained, hard to very hard to locally moderately soft, very locally moderately magnetic and well foliated at 0 to 20° to core axis, most commonly fabric at 20° to core axis, alteration of host rock to sericite ± biotite, local strong sericite ± chlorite coating fracture planes, strong to intense silicification as pervasive matrix flooding and discontinuous brecciated sub- rounded elongated white to grey quartz veins flattened within foliation plane, local moderate patchy epidote, overall 2 to 3% sulphide mineralization, locally up to 5% sulphides over one metre, sulphides occur as fine- to medium-grained disseminated to blebby stringer and banded pyrite plus very minor associated pyrrhotite, majority of pyrite occurs in host rock, not within quartz veins. Locally section exhibits a brecciated texture. Overall moderate to strong blocky fracture, locally intensely fractured. Transitional contact at 84.65m over ~ one metre.						
				71245	59.40	61.00	1.60	6	
				71246	61.00	62.00	1.00	8	
				71247	62.00	62.50	0.50	10	
				71248	62.50	63.50	1.00	<5	
				71249	63.50	64.50	1.00	<5	
				71250	64.50	65.40	0.90	<5	
				71251	65.40	66.00	0.60	<5	
				71252	66.00	67.00	1.00	12	
				71253	67.00	68.00	1.00	15	
				71254	68.00	69.00	1.00	<5	<5
				71255	69.00	70.00	1.00	12	
				71256	70.00	71.00	1.00	15	
				71257	71.00	72.00	1.00	9	
				71258	72.00	73.50	1.50	6	
				71259	73.50	75.00	1.50	13	
				71260	75.00	76.50	1.50	24	
				71261	76.50	77.50	1.00	41	
				71262	77.50	79.00	1.50	21	
				71263	79.00	80.50	1.50	38	24
				71264	80.50	82.00	1.50	47	
				71265	82.00	83.50	1.50	37	
				71266	83.50	84.65	1.15	27	
			At 62.25m: Parallel quartz veining over 30cm at 25° to core axis, 3% associated medium- to coarse-grained blebby pyrite.						
			65.2m to 66.0m: Intensely fractured. Strong chlorite, 1% pyrite.						
			66.0m to 67.5m: 50% grey quartz veining at 20° to core axis, 5% stringer to disseminated pyrite.						
			67.8m to 76.0m: Strong to intensely fractured core, strong chlorite coating fracture surfaces.						
			69.0m to 70.5m: 20% Brecciated quartz veining and 5% disseminated to stringer pyrite. Strongly foliated 0° to core axis.						

DIAMOND DRILL LOG

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METERAGE		ROCK TYPE	DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.)	SAMPLES				ASSAYS	
FROM	TO			No.	FROM	TO	LENGTH	Au ppb	Au ppb
84.65	108.0 End of Hole	Garnetiferous Mafic Volcaniclastic (Tuff)	71.0m to 71.8m: 25% brecciated quartz veining and 5% blebby to discontinuous stringer pyrite.						
			71.9m to 72.2m: Intense pervasive silicification, brownny - 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	
			Dark grey, fine- grained, hard, non- magnetic and weakly foliated at 15° to core axis, composed of 10 to 30% small 1 to 2mm pinky white sub- hedral to anhedral garnets set in a very fine grained matrix composed of 10% biotite and 60% plagioclase. 5 to 10% brecciated white bullsh quartz veins flattened within foliation plane, trace fine grained pyrite in host rock and quartz veins.	71268	86.00	87.50	1.50	<5	
				71269	87.50	88.50	1.00	<5	
				71270	88.50	89.60	1.10	<5	
				71271	89.60	91.00	1.40	9	
				71272	91.00	92.00	1.00	<5	<5
				71273	92.00	93.50	1.50	<5	
				71274	93.50	94.50	1.00	8	
				71275	94.50	97.00	2.50	<5	
				71276	97.00	98.50	1.50	11	
				71277	98.50	99.70	1.20	<5	
				71278	99.70	101.00	1.30	<5	
				71279	101.00	102.50	1.50	<5	
				71280	102.50	104.00	1.50	<5	
				71281	104.00	105.50	1.50	<5	<5
				71282	105.50	107.00	1.50	<5	
				71283	107.00	108.00	1.00	<5	
			89.6m to 92.0m: 25% 5mm to 3cm wide flattened, boudinaged white quartz veins oriented at 20° to parallel to core axis.						
			98.6m to 99.7m: Well foliated sub-section foliated at 25° to core axis, contains 25% fragmented quartz veins.						

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DIAMOND DRILL LOG

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DIAMOND DRILL LOG

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METERAGE		ROCK TYPE	DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.)	SAMPLES				ASSAYS	
FROM	TO			No.	FROM	TO	LENGTH	Au ppb	Au ppb
70.3	84.0	Mineralized Alteration Zone	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 within the zone followed by chlorite- sericite (grey- green) dominated schist. Quartz occurs in both types of schists. Overall composition of the zone appears to be of intermediate composition. 3-5%, locally 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 the chlorite-sericite ± quartz schist. 70.3m - 72.0m: Sericite ± biotite schist, greyish-brown colour, strongly foliated and crenulated. Strongly mineralized (10-20% pyrite - pyrrhotite)	65257	70.30	72.00	1.70	34	
				65258	72.00	73.00	1.00	<5	
				65259	73.00	74.50	1.50	8	
				65260	74.50	76.00	1.50	6	
				65261	76.00	77.50	1.50	7	5
				65262	77.50	79.00	1.50	<5	
				65263	79.00	80.50	1.50	<5	
				65264	80.50	82.00	1.50	<5	
				65265	82.00	83.00	1.00	6	
				65266	83.00	84.00	1.00	5	
84.0	107.0	Dyke Zone/ Structural Zone	Interval is characterized by zone of highly to moderately altered diking and local fracturing. Weakly to 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 inclusions / rafts. Trace to locally massive blebs of sulphides occur along fractures. 84.0m - 84.3m: Amphibole phyrlic, mafic to intermediate dike. 84.3m - 87.4m: Garnetiferous mafic to intermediate volcanic (volcaniclastics?). Quartz vein with host rock at 86.7m- 87.15m 91.1m - 91.3m: Strongly foliated ± silicified volcaniclastic rock of intermediate composition. 91.3m - 92.8m: Amphibole- phyrlic intermediate dike, blebby pyrite in fractures. 96.0m - 96.25m: Mafic dike. Fine grained, massive / non-foliated and green colour, upper and lower contacts broken.	65267	84.00	84.30	0.30	<5	
				65268	84.30	86.00	1.70	32	
				65269	86.00	86.70	0.70	9	
				65270	86.70	87.12	0.42	<5	<5
				65271	87.12	88.50	1.38	249	
				65272	88.50	89.50	1.00	7	
				65273	89.50	91.10	1.60	6	
				65274	91.10	91.24	0.14	<5	
				65275	91.24	92.80	1.56	9	
				65276	92.80	94.00	1.20	7	
				65277	94.00	95.50	1.50	14	
				65278	95.50	97.00	1.50	51	
				65279	97.00	98.70	1.70	22	18
				65280	98.70	100.00	1.30	8	
				65281	100.00	101.50	1.50	16	

DIAMOND DRILL LOG

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EXPLORATION CONSULTING

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

DIAMOND DRILL LOG

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DIAMOND DRILL LOG

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EXPLORATION CONSULTING

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DIAMOND DRILL LOG

PROPERTY: Sidace Lake	LOCATION: Red Lake	CLAIM NUMBER: 1210390	DOWNHOLE SURVEY: Acid Tests		DRILLING COMPANY: Chibougamau Diamond Drilling Inc.
HOLE NO.: RL-02-10	LENGTH: 219.0 metres	CORE SIZE: NQ	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 OPTIONEE: Planet Exploration Inc.					SIGNATURE: 
HOLE STARTED: June 25, 2002	HOLE FINISHED: July 3, 2002	DECLINATION: 1°E			SHEET 1 OF 6

METERAGE		ROCK TYPE	DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.)	SAMPLES				ASSAYS	
FROM	TO			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; very local, very minor cross cutting cm scale white to grey 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	71285	12.00	12.50	0.50	<5	
				71286	22.00	23.00	1.00	<5	
				71287	29.00	30.00	1.00	56	
				71288	42.50	43.50	1.00	<5	
51.3	62.6	Quartz Diorite Dyke	29.3 - 29.9m: 50% fine stockwork of feldspathic stringers- possibly healed brittle fault? 49.8 - 51.05m: Quartz Diorite Dykelet. Contact at 49.8 @ 90° to core axis. Contact at 51.05 @ 40° to core axis. 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% 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 pyrite throughout, local medium- to coarse- grained blebby pyrite. Sharp contact at 62.6 @ 60° to core axis. 51.4 - 54.5m: Patchy creamy- buff to slightly pinky- buff feldspathic alteration - 5% grey 1 to 5cm scale quartz veins.	71289	51.30	53.00	1.70	<5	
				71290	56.50	57.50	1.00	<5	
				71291	61.10	62.60	1.50	<5	<5



DIAMOND DRILL LOG

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EXPLORATION CONSULTING

Sheet 2 OF 6

METERAGE		ROCK TYPE	DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.)	SAMPLES				ASSAYS	
FROM	TO			No.	FROM	TO	LENGTH	Au ppb	Au ppb
62.6	86.0	Mafic Volcaniclastic	56.5 - 57.5m: Brecciated texture, strong white feldspathic alteration. 3% fine- to medium- grained disseminated to blebby pyrite.						
			Dark grey- green, fine grained, hard, very locally weakly magnetic and moderately well foliated at 70° to core axis, minor narrow discontinuous quartz veinlets in foliation planes to locally cross-cutting foliation, overall moderately fractured, commonly chlorite coating fractures paralleling foliation, weakly mineralized unit contains trace fine grained disseminated pyrite with local pyrite smeared on fracture surfaces.	71292	62.60	63.60	1.00	<5	
				71293	63.60	65.00	1.40	6	
				71294	67.85	69.30	1.45	<5	
				71295	69.30	70.30	1.00	<5	
				71296	70.30	72.00	1.70	<5	
				71297	72.00	73.50	1.50	<5	
				71298	73.50	75.00	1.50	<5	
86.0	104.5	Fragmented Mafic Volcaniclastic	At 63.65 - 10cm wide diorite dyke clipping core @ 15° to core axis.						
			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.						
			66.9 - 67.85m: Mafic dike- amphibole phyrlic - 25% 1 to 3mm dark green black amphibole crystals 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 plagioclase crystals set in a fine- grained grey groundmass, local minor white- grey quartz veining, minor fine grained disseminated pyrite. Sharp contact at 81.0 @ 80° to core axis. Sharp contact at 82.6 @ 80° to core axis.						
			Medium to dark green- grey, hard to soft, moderately magnetic and well foliated @ 60° to core axis 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	71299	87.00	88.50	1.50	<5	<5
				71300	96.00	97.50	1.50	<5	

DIAMOND DRILL LOG

METERAGE		ROCK TYPE	DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.)	SAMPLES				ASSAYS	
FROM	TO			No.	FROM	TO	LENGTH	Au ppb	Au ppb
104.5	122.9	Mineralized Fragmented Mafic Volcanic	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 veining. Minor sulphide mineralization as fine grained disseminated pyrite plus mm scale pyrite and pyrrhotite stringers within foliation plane. Transitional upper and lower contacts.						
			97.0 - 97.25m: Quartz vein, grey-white, bullish, no sulphides, contains 5% mafic inclusions.	71301	102.00	103.50	1.50	<5	
			103.5 - 104.0m: Contorted and deformed, 1% coarse- grained blebby pyrrhotite.	71302	103.50	104.50	1.00	<5	
			Dark green- grey, fine grained, hard and strongly magnetic, texturally and compositionally same as previous uphole section from 86.0 to 104.5 except this section is well mineralized containing 5% sulphide mineralization over the section as medium grained disseminated to coarse grained blebby to stringer pyrite and pyrrhotite (~1:1 ratio), occasional medium- grained intermediate lapilli sized fragments. Very gradational decrease in sulphide mineralization to 122.9.						
			113.95 - 114.95m: Gabbroic Dyke, medium grained, grey-green, hard, non- magnetic and moderately foliated at 70° to core axis. Minor fine grained disseminated pyrite. Contact at 113.95 at 80° to core axis. Contact at 114.95 @ 60° to core axis.	71303	104.50	106.00	1.50	<5	
			117.45 - 118.35m: Mafic Dyke, amphibole phyric, 25% 1 to 5mm flattened mafic crystals set in fine grained groundmass. Well foliated @ 60° to core axis. Upper and lower contacts @ 75° to core axis.	71304	106.00	107.50	1.50	<5	
			Dark green- grey, fine- grained, hard, locally moderately magnetic and well foliated/ banded at 70° to core axis defined by 20% parallel mm to cm scale felsic bands and fragments?, minor to 0.25% sulphide mineralization as fine- grained disseminated pyrite and mm stringer pyrrhotite and pyrite.	71305	107.50	109.00	1.50	7	
			Transitioned contact over 25cm at 129.5 defined by increase in sulphide mineralization.	71306	109.00	110.50	1.50	<5	
				71307	110.50	112.00	1.50	17	
				71308	112.00	113.50	1.50	14	
				71309	113.50	115.00	1.50	9	5
				71310	115.00	116.50	1.50	<5	
				71311	116.50	117.45	0.95	<5	
				71312	117.45	118.35	0.90	<5	
				71313	118.35	120.00	1.65	<5	
122.9	129.5	Mafic Volcaniclastic		71314	120.00	121.50	1.50	<5	
				71315	121.50	122.90	1.40	<5	

DIAMOND DRILL LOG

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DIAMOND DRILL LOG

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

DIAMOND DRILL LOG

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EXPLORATION CONSULTING

Sheet 6 OF 6

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

DIAMOND DRILL LOG

CLARK **EXPLORATION CONSULTING**

PROPERTY: Sidace Lake	LOCATION: Red Lake	CLAIM NUMBER: 1210390	DOWNHOLE SURVEY: Acid Tests		DRILLING COMPANY: Chibougmau Diamond Drilling Ltd.
HOLE NO.: RL-02-11	LENGTH: 153.0 metres	CORE SIZE: NQ	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 (AZIMUTH / DIP); PLANNED:		SURVEYED:			LOGGED: Ike Osmani
EXPLORATION CO., OWNER OR OPTIONEE: Planet Exploration Inc.					SIGNATURE: 
HOLE STARTED: July 3, 2002	HOLE FINISHED: July 4, 2002	DECLINATION: 1° E			SHEET 1 OF 5

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



DIAMOND DRILL LOG

METERAGE		ROCK TYPE	DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.)	SAMPLES				ASSAYS	
FROM	TO			No.	FROM	TO	LENGTH	Au ppb	Au ppb
77.0	110.0	Intermediate to Felsic Lapilli Tuff to Tuff	34.7 - 35.5m: Amphibole- phyric mafic dike, non-foliated, greyish- green, no visible sulphides, upper and lower contact broken along fractures.	65335	74.00	75.50	1.50	19	
				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 - 50.1m: Intermediate to felsic dike. Similar to 48.5 - 49.0m. Upper and lower contacts are 40° and 30°, respectively, to core axis.						
			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.						
			Interval primarily comprised of intermediate to felsic (dacitic) lapilli tuff to tuff. The unit is light grey to medium grey, strongly foliated and locally schistose. It consists of highly flattened to sub- angular lapilli clasts set within a fine grained, strongly foliated to schistose matrix of intermediate composition. The lapilli fragments display sharp to diffuse contacts. In addition to felsic meta- volcanic, highly tectonized quartz fragments are also abundant adjacent to quartz veins/ pods and silica- flood zones.	65337	77.00	78.50	1.50	10	
			The lapilli tuff is predominantly matrix- supported but locally, clast- supported sections are also noted.	65338	78.50	80.00	1.50	24	
			The upper part of the interval (~77.0 - 104.0m) predominantly comprised of lapilli tuff that subtly grades downhole into the tuff.	65339	80.00	80.80	0.80	30	
			Predominant alteration is silicification followed by sericitization. The alteration varies from moderate to strong with local intense zone of silicification / silica- flooding. Quartz veining/ pods/ breccias occur locally.	65340	80.80	81.20	0.40	11	
			Pyrite is the dominant sulphide and commonly occurs as stringers and fracture- fillings. With the exception of alteration zones, the pyrite generally occurs from trace amount to 1%. The silica-	65341	81.20	82.40	1.20	16	
				65342	82.40	83.30	0.90	9	<5
				65343	83.30	84.20	0.90	5	
				65344	84.20	86.00	1.80	7	
				65345	86.00	87.50	1.50	<5	
				65346	87.50	89.00	1.50	<5	
				65347	89.00	90.50	1.50	<5	
				65348	90.50	92.00	1.50	<5	
				65349	92.00	93.50	1.50	6	
				65350	93.50	95.00	1.50	<5	
				65351	95.00	96.50	1.50	<5	6
				65352	96.50	98.00	1.50	<5	

DIAMOND DRILL LOG

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DIAMOND DRILL LOG

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EXPLORATION CONSULTING

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METERAGE		ROCK TYPE	DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.)	SAMPLES				ASSAYS					
FROM	TO			No.	FROM	TO	LENGTH	Au ppb	Au ppb				
110.0	127.8	Felsic Intermediate - Tuff	Interval primarily comprised of moderately to strongly silicified felsic to intermediate tuff. It is light grey, fine grained and foliated (observed in lenses- altered areas). The moderately altered (siliceous) sections are generally massive and non-mineralized or contain trace amount of sulphides. Strongly silicified / quartz-flooded sections are generally well mineralized containing up to 15% pyrite as stringers and semi-massive zones. Foliation/ lamination is @ 40° to core axis. 110 - 111.1m: Quartz vein ± intensely silicified tuff, quartz vein is off-white, locally light- grey patch, 2-3% pyrite occurs as blebs and stringers. 111.1 - 112.0m: Intensely silicified tuff with minor off-white quartz veins, up to 1.5% sulphides as stringers, and blebs within and adjacent to fractures. 117.3 - 125.7m: Strongly silicified tuff up to 0.5% pyrite as stringers (mm - 1cm wide) 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.	65362	110.00	111.10	1.10	8306					
				65363	111.10	112.00	0.90	<5					
				65364	112.00	113.50	1.50	<5					
				65365	113.50	115.00	1.50	<5					
				65366	115.00	116.50	1.50	<5					
				65367	116.50	118.00	1.50	<5					
				65368	118.00	120.00	2.00	<5					
				65369	120.00	121.74	1.74	<5	<5				
				65370	121.74	122.20	0.46	<5					
				65371	122.20	123.60	1.40	<5					
				65372	123.60	125.00	1.40	<5					
				65373	125.00	125.70	0.70	<5					
				65374	125.70	126.70	1.00	11					
				65375	126.70	127.80	1.10	<5					
				127.8	147.5	Silicified Zone	Interval primarily comprised of intensely silicified and mineralized zone. The silicification is both pervasive and in the form of quartz veins and pods. The pervasively silicified zone is generally massive, locally fractured @ 20°-30° to core axis, and rarely displays remanent foliated sections. It ranges from light grey to dark grey strongly magnetic and well mineralized (semi- massive and stringers of pyrite ± pyrrhotite). A quartz vein / pod with minor silicified rock sections occurs in the lower half of the interval (137.9 - 147.5m) and is highly fractured and locally rubbly. Sulphides (pyrite ± pyrrhotite) mainly occur as stringers or in hair-line fractures. 127.8 - 131.0m: Well mineralized and pervasively silicified host rock (intermediate to felsic	65376	127.80	129.20	1.40	15	
								65377	129.20	131.00	1.80	16	
65378	131.00	132.00	1.00					<5	<5				
65379	132.00	133.50	1.50					<5					
65380	133.50	135.00	1.50					27					
65381	135.00	137.90	2.90					24					
65382	137.90	139.00	1.10					28					
65383	139.00	140.00	1.00					26					
65384	140.00	141.00	1.00					13					

DIAMOND DRILL LOG

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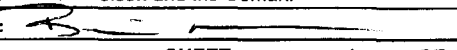
METERAGE		ROCK TYPE	DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.)	SAMPLES				ASSAYS	
FROM	TO			No.	FROM	TO	LENGTH	Au ppb	Ag ppb
147.5	153.0 End of Hole	Mafic Metavolcanic	volcanic?), 10-15%, locally semi-massive, pyrite - pyrrhotite occur as stringers and replacement patches (25° to 30° to core axis).	65385	141.00	142.50	1.50	89	
			131.0 - 132.0m: Massive, light grey rock, possibly intermediate to felsic tuff or felsite intrusion, non-magnetic to weakly magnetic, trace sulphides, upper and lower contacts are ~10° and 25°, respectively to core axis.	65386	142.50	144.00	1.50	21	
			132 - 137.9m: Dark grey intensely silicified/ cherty zone, massive and strongly magnetic, ghostly planar fabric noted locally, 2 to 5% pyrite and pyrrhotite stringers and <1% very fine grained disseminated sulphides, lower contact sharp and broken irregularly.	65387	144.00	145.50	1.50	8	9
				65388	145.50	147.00	1.50	<5	
				65389	147.00	147.50	0.50	<5	
			137.9 - 147.5m: Quartz vein with intensely silicified cherty host 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).						
			Interval composed of green to grey- green, foliated, weakly to strongly magnetic (disseminated pinhead magnetite) and garnetiferous mafic metavolcanic rock. The garnet porphyroblasts range from 2mm to >1cm across, and are rounded to sub-rounded. Upper contact is schistosed @ 30° to core axis. The unit locally displays silicified bands (or quartz veinlets). Trace to <1% sulphides (disseminated and blebby pyrite ± pyrrhotite). Foliation @ 30° to core axis.	65390	147.50	149.00	1.50	1291	
				65391	149.00	150.50	1.50	<5	
				65392	150.50	152.00	1.50	26	
				65393	152.00	153.00	1.00	<5	

RL-02-11

DIAMOND DRILL LOG

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PROPERTY: Sidace Lake	LOCATION: Red Lake	CLAIM NUMBER: 1210388	DOWNHOLE SURVEY: Acid Tests			DRILLING COMPANY: Chibougamau Diamond Drilling Inc.
HOLE NO.: RL-02-12	LENGTH: 207.0 metres	CORE SIZE: NQ	DEPTH	DIP	DEPTH	DIP
PROJECT NUMBER:	NORTHING: 49+00N	EASTING: 19+50E	36m	-48°		
ELEVATION:	UTM northing: 5680065	UTM easting: 0460638	171m	-46°		
COLLAR ORIENTATION (AZIMUTH / DIP); PLANNED: 140°/-50°			SURVEYED:		DATE LOGGED: July 10 - July 11, 2002	
EXPLORATION CO., OWNER OR OPTIONEE: Planet Exploration Inc					LOGGED: Brian Nelson and Ike Osmani	
HOLE STARTED: July 5, 2002			HOLE FINISHED: July 7, 2002		SIGNATURE: 	
DECLINATION: 1°E					SHEET 1 OF 5	

METERAGE		ROCK TYPE	DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.)	SAMPLES				ASSAYS	
FROM	TO			No.	FROM	TO	LENGTH	Au ppb	Au ppb
0.0	34.0	Overburden	Sand, gravel, boulders - moraine	71377	34.00	35.00	1.00	25	
34.0	49.7	Ultramafic (Pyroxenite)	Dark green to black, fine- grained, hard, moderately to strongly magnetic to locally non-magnetic and locally moderately foliated @ 50° to core axis. Appears to be a moderately altered fine- to finer medium- grained pyroxenite with very local 10 to 25cm scale gabbroic patches, moderate to strongly fractured and broken core, fractures at various degrees to core axis. Overall, 0.5% sulphide mineralization predominantly as fine- to medium- grained pyrite to local coarse grained blebby pyrite, locally up to 3% pyrite over 50cm, no primary flow features observed i.e.: pillows, spinifex texture. Therefore best guest is ultramafic intrusive, not ultramafic flow. Quite sharp contact at 49.7 @ 70° to core axis defined by dramatic change in hardness of rock from hard to extremely soft.	71378	35.00	36.00	1.00	<5	
				71379	36.00	37.50	1.50	15	
				71380	37.50	39.00	1.50	5	
				71381	39.00	40.50	1.50	25	20
				71382	40.50	42.00	1.50	20	
				71383	42.00	43.50	1.50	<5	
				71384	43.50	45.00	1.50	20	
				71385	45.00	46.50	1.50	15	
				71386	46.50	48.00	1.50	13	
				71387	48.00	49.70	1.70	14	
49.7	57.2	Altered Ultramafic (Peridotite)	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. Fine- grained, medium green, very soft, strongly magnetic and locally foliated @ 60° to contorted deformed foliation, strong talcy feel to core, intensely altered to talc plus 5% small magnetite crystals, trace very fine-grained disseminated pyrite, no primary flow textures observed therefore, best guess is ultramafic intrusive. Contact at 49.7 @ 70° to core axis. Very irregular contact at 57.2 with underlying quartz vein.						
				71388	49.70	51.00	1.30	<5	
				71389	51.00	52.50	1.50	8	
				71390	52.50	53.60	1.10	<5	<5
				71391	53.60	55.00	1.40	<5	
				71392	55.00	56.20	1.20	<5	
				71393	56.20	57.20	1.00	<5	



DIAMOND DRILL LOG

METERAGE		ROCK TYPE	DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.)	SAMPLES				ASSAYS	
FROM	TO			No.	FROM	TO	LENGTH	Au ppb	Au ppb
57.2	58.2	Quartz Vein	53.6 - 55.0m: 30% contorted white carbonate stringers most commonly oriented @ 60° to core axis.						
			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.						
				71395	58.20	59.50	1.30	<5	
				71396	59.50	61.10	1.60	<5	
				71397	61.10	62.20	1.10	<5	
				71398	62.20	63.10	0.90	<5	
				71399	63.10	64.50	1.40	<5	<5
				71400	64.50	66.00	1.50	<5	
				71401	66.00	67.50	1.50	<5	
				71402	67.50	69.00	1.50	<5	
				71403	69.00	70.50	1.50	<5	
71.25	78.5	Altered Ultramafic (Peridotite)	62.7 - 62.9m: Crumbly- broken core- gouge. Mini- fault zone.						
			62.9 - 63.0m: Moderately silicified						
			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.						
				71405	73.50	75.00	1.50	<5	
				71406	77.00	78.50	1.50	6	
78.5	109.4	Mafic Volcaniclastic	71.25 - 71.5m: Intensely fractured to almost gouge- contact shear?						
			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	83.60	84.80	1.20	21	
				71408	84.80	86.00	1.20	118	82
				71409	92.00	93.00	1.00	10	

DIAMOND DRILL LOG

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METERAGE		ROCK TYPE	DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.)	SAMPLES				ASSAYS	
FROM	TO			No.	FROM	TO	LENGTH	Au ppb	Au ppb
109.4	122.8	Intermediate to Mafic Volcaniclastics	gabbro? Or flow? Transitional contact at 109.4. As approach lower contact unit gradually becomes compositionally banded similar to mafic volcaniclastics described in previous holes. 78.25 - 78.5m: Crumbly- fractured core- fault zone. 79.2 - 80.2m: Intensely broken and fractured core. 83.6 - 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. 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 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.	71410	96.00	96.80	0.80	6	
				71411	96.80	98.00	1.20	18	
				71412	102.00	103.00	1.00	15	
				71413	108.00	109.00	1.00	10	
				71414	109.00	110.00	1.00	<5	
122.8	135.7	Mafic Fragmental	Interval primarily composed of highly deformed, heterolithic mafic fragmental rock (agglomerate?) The fragmental unit consists of highly flattened, pebble to cobble size felsic and mafic metavolcanic, gabbroic and possibly granitic clasts. The fragmental rock is matrix to clast-supported. The clasts are generally highly flattened and tectonized. Locally, foliation is variably crenulated and folded.	71415	121.00	122.80	1.80	23	

DIAMOND DRILL LOG

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EXPLORATION CONSULTING

Sheet 4 OF 5

METERAGE		ROCK TYPE	DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.)	SAMPLES				ASSAYS	
FROM	TO			No.	FROM	TO	LENGTH	Au ppb	Au ppb
135.7	142.6	Structural Zone	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. The structural zone is characterized by highly broken core displaying strong schistosity and moderate to strong silicification / quartz veinlets. The rocks within the structural zone are predominantly intermediate to felsic volcanics. Locally, the unit is interbedded with quartz. Three to 5% pyrite occurs as stringers and in vugs. Foliation ranges from 40° to 60° to core axis.						
				71420	135.70	137.00	1.30	8	
				71421	137.00	138.00	1.00	<5	
				71422	138.00	139.00	1.00	<5	
				71423	139.00	140.00	1.00	<5	
				71424	140.00	141.00	1.00	<5	
				71425	141.00	142.60	1.60	<5	
142.6	177.7	Felsic to Intermediate Volcaniclastic Tuff	Interval composed of laminated to finely bedded and massive felsic to intermediate volcanics. The volcaniclastic tuff is locally interbedded with cherty (or silicified) beds, ranging from a few mm to 1/2m in widths. Occasional narrow, mafic beds (5-10cm wide), both garnetiferous and non- garnetiferous, are also interbedded with the volcaniclastic and cherty rocks. Massive sections occurring locally may be either flows or subvolcanic sills. Quartz veinlets/ bands occur near structural zone within the upper portion of the interval. Sulphides (pyrite ± pyrrhotite) mineralization also occurs in relative abundance adjacent to the structural zone. It occurs as fine disseminations and mm to 1/2 cm thick massive bands locally as semi-massive replacements. The sulphide bands are generally sub-parallel to the foliation. Foliation @ 60° to 65° to core axis. Where the rock is intensely silicified, foliation is completely masked by the alteration. 142.6 - 147.25m: Felsic to intermediate volcanics/ felsite, trace amount of sulphides. 147.25 - 152.5m: Mixed volcanics and cherty rock, 1-2% sulphides occur as stringers (mm - 1/2cm wide) and in vugs. 152.5 - 154.0m: Cherty/ silicified rock. Locally cherty rock is banded with hair-line to cm wide volcanics and quartz veins, overall sulphide (pyrite) content ~2% and occurs as stringers and a semi-massive replacement patches @ 154.0m. 160.0 - 161.0m: Cherty rock (silicified volcaniclastic?) Dark grey, massive and magnetic, numerous quartz bands parallel to foliation, <1% sulphides.	71426	142.60	144.00	1.40	<5	<5
				71427	144.00	144.80	0.80	<5	
				71428	144.80	146.00	1.20	<5	
				71429	146.00	147.25	1.25	<5	
				71430	147.25	148.00	0.75	29	
				71431	148.00	149.50	1.50	8	
				71432	149.50	151.00	1.50	7	
				71433	151.00	152.50	1.50	8	
				71434	152.50	153.30	0.80	8	
				71435	153.30	154.30	1.00	29	35
				71436	154.30	156.00	1.70	20	
				71437	156.00	157.50	1.50	19	
				71438	157.50	159.00	1.50	<5	
				71439	159.00	160.00	1.00	5	
				71440	160.00	161.00	1.00	<5	
				71441	161.00	162.50	1.50	<5	
				71442	162.50	164.00	1.50	<5	
				71443	164.00	165.00	1.00	6	
				71444	165.00	166.00	1.00	<5	<5
				71445	166.00	167.50	1.50	138	
				71446	167.50	169.00	1.50	<5	
				71447	169.00	170.50	1.50	<5	
				71448	170.50	172.10	1.60	<5	

DIAMOND DRILL LOG

METERAGE		ROCK TYPE	DESCRIPTION (colour, grain size, texture, minerals, alteration, etc.)	SAMPLES				ASSAYS	
FROM	TO			No.	FROM	TO	LENGTH	Au ppb	Au ppb
177.7	195.1	Mafic Volcanic	166.0 - 172.1m: Strongly bleached volcanoclastic rock, no visible sulphides.	71449	172.10	172.50	0.40	12	
			172.5 - 174.2m: Garnetiferous mafic volcanic/ volcanoclastic. Interval composed of dark green, fine grained, weakly foliated mafic metavolcanic rock (massive 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 garnetiferous. The garnets are 2mm to 4mm across. No visible sulphide mineralization. The rock is weakly foliated at 65° to 70° to core axis.	71450	172.50	174.20	1.70	<5	
				71451	174.20	176.00	1.80	5	
				71452	176.00	177.00	1.00	5	
				71453	177.00	177.70	0.70	<5	8
				71454	177.70	179.00	1.30	22	
				71455	194.00	195.10	1.10	12	
195.1	207.0 End of Hole	Quartz Diorite to Diorite	Interval primarily comprised of grey, massive, non-foliated quartz diorite (<20% quartz). The rock is composed of 15 to 20% clotty equigranular amphibole (hornblende?) and 60 to 80% plagioclase. 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.	71456	195.10	195.60	0.50	27	
				71457	195.60	197.00	1.40	8	
				71458	197.00	198.50	1.50	12	

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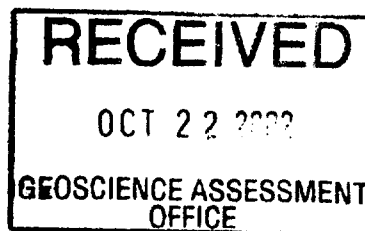
Monday, July 22, 2002

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1000 Alloy Dr.
Thunder Bay, ON, CA
P7A6G5
Ph#: (807) 622-3284
Fax#: (807) 622-3284
Email gjclark@tbaytel.net

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

Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh ppb
9870	65012	88			
9871	65013	< 5			
9872	65014	< 5			
9873	65015	< 5			
9874 Check	65015	< 5			
9875	65016	17			
9876	65017	34			
9877	65018	11			
9878	65019	6			
9879	65020	34			
9880	65021	< 5			
9881	65022	< 5			
9882	65023	5			
9883	65024	11			
9884 Check	65024	6			
9885	65025	6			
9886	65026	65			
9887	65027	30			
9888	65028	15			
9889	65029	8			
9890	65030	11			
9891	65031	23			

2.24383



080

COLI LAKE

2.24383

52N05SE2010

PROCEDURE CODES: AL4Au3

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Date Completed : 16-Jul-02
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Reference : Red Lake
Sample #: 243 Core

Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh ppb
9892	65032	6			
9893	65033	11			
9894 Check	65033	10			
9895	65034	50			
9896	65035	13			
9897	65036	15			
9898	65037	24			
9899	65038	30			
9900	65039	13			
9901	65040	16			
9902	65041	16			
9903	65042	33			
9904 Check	65042	29			
9905	65043	54			
9906	65044	14			
9907	65045	14			
9908	65046	8			
9909	65047	10			
9910	65048	9			
9911	65049	9			
9912	65050	9			
9913	65051	8			

PROCEDURE CODES: AL4Au3

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Ph#: (807) 622-3284
Fax#: (807) 622-3284
Email giclarck@tbaytel.net

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Sample #: 243 Core

Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh 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			

PROCEDURE CODES: AL1Au3

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P7A6G5
Ph#: (807) 622-3284
Fax#: (807) 622-3284
Email gjelark@tbaytel.net

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Job # 200240354
Reference : Red Lake
Sample #: 243 Core

Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh 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	
9954 Check	65087	14	17	18	
9955	65088	14	< 15	21	
9956	65089	18	26	30	
9957	65090	6	< 15	23	

PROCEDURE CODES: AL4Au3

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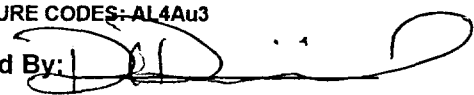
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P7A6G5
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Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh ppb
9958	65091	10	< 15	11	
9959	65092	< 5	< 15	15	
9960	65093	19			
9961	65094	20			
9962	65095	153			
9963	65096	20			
9964 Check	65096	22			
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			
9977	65108	33			
9978	65109	14	< 15	< 10	
9979	65110	< 5	< 15	< 10	

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Sample #: 243 Core

Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh ppb
9980	65111	8			
9981	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			
9995	65182	< 5			
9996	65183	< 5			
9997	65184	< 5			
9998	65185	< 5			
9999	65186	8			
10000	65187	< 5			
10001	65188	11			

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P7A6G5
Ph#: (807) 622-3284
Fax#: (807) 622-3284
Email gjclark@tbaytel.net

Date Received : 16-Jul-02
Date Completed : 24-Jul-02
Job # 200240380
Reference : Red Lake
Sample #: 312 Core

Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh ppb
11625	65234	34			
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: AL3Au

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P7A6G5
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Reference : Red Lake
Sample #: 312 Core

Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh ppb
11647	65254	< 5			
11648	65255	45			
11649	65256	34			
11650	65257	34			
11651	65258	< 5			
11652	65259	8			
11653	65260	6			
11654	65261	7			
11655 Check	65261	5			
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: AL 7Au8

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P7A6G5
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Job # 200240380
Reference : Red Lake
Sample #: 312 Core

Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh ppb
11669	65274	< 5			
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			

PROCEDURE CODES: AL4Au3

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P7A6G5
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Reference : Red Lake
Sample #: 312 Core

Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh 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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Reference : Red Lake
Sample #: 312 Core

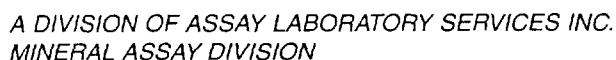
Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh ppb
11713	65314	< 5			
11714	65315	9			
11715 Check	65315	17			
11716	65316	17			
11717	65317	18			
11718	65318	24			
11719	65319	10			
11720	65320	5			
11721	65321	< 5			
11722	65322	13			
11723	65323	< 5			
11724	65324	< 5			
11725 Check	65324	< 5			
11726	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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Sample #: 312 Core

Assay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh 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		

PROCEDURE CODES: ~~AL4A08~~

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Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh 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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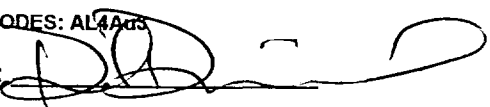
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Sample #: 312 Core

Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh ppb
11779	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			

PROCEDURE CODES: AL44A3

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P7A6G5
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Sample #: 312 Core

Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh 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 71103

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1000 Alloy Dr.
Thunder Bay, ON, CA
P7A6G5
Ph#: (807) 622-3284
Fax#: (807) 622-3284
Email gjclark@tbaytel.net

Date Received : 16-Jul-02
Date Completed : 24-Jul-02
Job # 200240380
Reference : Red Lake
Sample #: 312 Core

Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh 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: AL4Au3

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Email gjclark@tbaytel.netDate Received : 16-Jul-02
Date Completed : 24-Jul-02
Job # 200240380
Reference : Red Lake
Sample #: 312 Core

Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh 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			

PROCEDURE CODES: AL4Au3

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P7A6G5
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Date Received : 16-Jul-02
Date Completed : 24-Jul-02
Job # 200240380
Reference : Red Lake
Sample #: 312 Core

Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh 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: AL4Au3

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P7A6G5
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Date Received : 16-Jul-02
Date Completed : 24-Jul-02
Job # 200240380
Reference : Red Lake
Sample #: 312 Core

Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh ppb
11889	71385	15			
11890	71386	13			
11891	71387	14			
11892	71388	< 5	< 15	< 10	
11893	71389	8			
11894	71390	< 5			
11895 Check	71390	< 5			
11896	71391	< 5	< 15	< 10	
11897	71392	< 5			
11898	71393	< 5			
11899	71394	< 5			
11900	71395	< 5			
11901	71396	< 5			
11902	71397	< 5			
11903	71398	< 5			
11904	71399	< 5			
11905 Check	71399	< 5			
11906	71400	< 5			
11907	71401	< 5			
11908	71402	< 5			
11909	71403	< 5			
11910	71404	< 5			

PROCEDURE CODES: AL4Au3

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Thunder Bay, ON, CA
P7A6G5
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Fax#: (807) 622-3284
Email gjclark@tbaytel.net

Date Received : 16-Jul-02
Date Completed : 24-Jul-02
Job # 200240380
Reference : Red Lake
Sample #: 312 Core

Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh ppb
11911	71405	< 5			
11912	71406	6			
11913	71407	21			
11914	71408	118			
11915 Check	71408	82			
11916	71409	10			
11917	71410	6			
11918	71411	18			
11919	71412	15			
11920	71413	10			
11921	71414	< 5			
11922	71415	23			
11923	71416	8			
11924	71417	23			
11925 Check	71417	< 5			
11926	71418	< 5			
11927	71419	< 5			
11928	71420	8			
11929	71421	< 5			
11930	71422	< 5			
11931	71423	< 5			
11932	71424	< 5			

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Date Completed : 24-Jul-02
Job # 200240380
Reference : Red Lake
Sample #: 312 Core

Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh 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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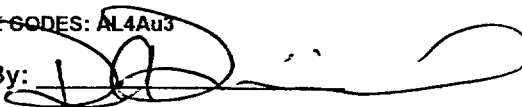
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Thunder Bay, ON, CA
P7A6G5
Ph#: (807) 622-3284
Fax#: (807) 622-3284
Email gjclark@tbaytel.net

Date Received : 16-Jul-02
Date Completed : 24-Jul-02
Job # 200240380
Reference : Red Lake
Sample #: 312 Core

Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh 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			

PROCEDURE CODES: AL4Au3

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1000 Alloy Dr.
Thunder Bay, ON, CA
P7A6G5
Ph#: (807) 622-3284
Fax#: (807) 622-3284
Email gjclark@tbaytel.net

Date Received : 12-Jul-02
Date Completed : 18-Jul-02
Job # 200240362
Reference : Red Lake
Sample #: 90 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
10630	71158	6	<0.001	0.006
10631	71159	< 5	<0.001	< 0.005
10632	71160	175	0.005	0.175
10633	71161	< 5	<0.001	< 0.005
10634	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	71166	< 5	<0.001	< 0.005
10639	71167	< 5	<0.001	< 0.005
10640 Check	71167	< 5	<0.001	< 0.005
10641	71168	7	<0.001	0.007
10642	71169	6	<0.001	0.006
10643	71170	7	<0.001	0.007
10644	71171	< 5	<0.001	< 0.005
10645	71172	< 5	<0.001	< 0.005
10646	71173	< 5	<0.001	< 0.005
10647	71174	< 5	<0.001	< 0.005
10648	71175	< 5	<0.001	< 0.005
10649	71176	< 5	<0.001	< 0.005
10650 Check	71176	< 5	<0.001	< 0.005
10651	71177	< 5	<0.001	< 0.005

PROCEDURE CODES: AL4Au3

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1000 Alloy Dr.
Thunder Bay, ON, CA
P7A6G5
Ph#: (807) 622-3284
Fax#: (807) 622-3284
Email gjclark@tbaytel.net

Date Received : 12-Jul-02
Date Completed : 18-Jul-02
Job # 200240362
Reference : Red Lake
Sample #: 90 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au 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

PROCEDURE CODES: AL4Au3

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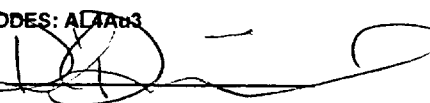
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P7A6G5
Ph#: (807) 622-3284
Fax#: (807) 622-3284
Email gjclark@tbaytel.net

Date Received : 12-Jul-02
Date Completed : 18-Jul-02
Job # 200240362
Reference : Red Lake
Sample #: 90 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au 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

PROCEDURE CODES: ALAA03

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1000 Alloy Dr.
Thunder Bay, ON, CA
P7A6G5
Ph#: (807) 622-3284
Fax#: (807) 622-3284
Email gjclark@tbaytel.net

Date Received : 12-Jul-02
Date Completed : 18-Jul-02
Job # 200240362
Reference : Red Lake
Sample #: 90 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au 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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P7A6G5
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Fax#: (807) 622-3284
Email gjclark@tbaytel.net

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

Date Received : 16-Jul-02
Date Completed : 24-Jul-02
Job # 200240381
Reference : Red Lake
Sample #: 116 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au 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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P7A6G5
Ph#: (807) 622-3284
Fax#: (807) 622-3284
Email gjclark@tbaytel.netDate Received : 16-Jul-02
Date Completed : 24-Jul-02
Job # 200240381
Reference : Red Lake
Sample #: 116 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au 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 CODES: AL4Au3

Certified By: 

AL903-0049-07/25/2002 08:48 AM

Page 4 of 6

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

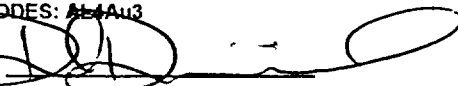
Thursday, July 25, 2002

Clark Consulting
1000 Alloy Dr.
Thunder Bay, ON, CA
P7A6G5
Ph#: (807) 622-3284
Fax#: (807) 622-3284
Email gjclark@tbaytel.net

Date Received : 16-Jul-02
Date Completed : 24-Jul-02
Job # 200240381
Reference : Red Lake
Sample #: 116 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au 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 CODES: AL14Au3

Certified By: 

AL903-0049-07/25/2002 08:48 AM

Page 5 of 6

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 Alloy Dr.
Thunder Bay, ON, CA
P7A6G5
Ph#: (807) 622-3284
Fax#: (807) 622-3284
Email gjclark@tbaytel.net

Date Received : 16-Jul-02
Date Completed : 24-Jul-02
Job # 200240381
Reference : Red Lake
Sample #: 116 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/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: AL4Au3

Certified By: 

AL903-0049-07/25/2002 08:48 AM

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:

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
KRL 1210049	\$38,686	\$38,686	\$6,400	\$6,400	\$0	0	\$32,286	\$32,286	2004-APR-17
KRL 1210385	\$0	\$0	\$4,800	\$4,800	\$0	0	\$0	\$0	2004-APR-17
KRL 1210388	\$0	\$0	\$6,400	\$6,400	\$0	0	\$0	\$0	2004-APR-17
KRL 1210389	\$20,379	\$20,379	\$6,400	\$6,400	\$10,000	10,000	\$3,979	\$3,979	2004-APR-17
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
KRL 1215800	\$0	\$0	\$6,400	\$6,400	\$0	0	\$0	\$0	2004-FEB-13
KRL 1215801	\$0	\$0	\$6,400	\$6,400	\$0	0	\$0	\$0	2004-FEB-13
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
	\$110,449	\$110,449	\$73,600	\$73,600	\$54,400	\$54,400	\$36,849	\$36,849	

External Credits: \$0

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

\$36,849 Total Remaining

Status of claim is based on information currently on record.



00N05SE2010 2.24383 COLI LAKE

900

Date: 2003-JAN-10

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

CORSAIR EXPLORATION INC.
950-555-4TH AVENUE, S.W.
CALGARY, ALBERTA
T2P 3E7 CANADA

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

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

Dear Sir or Madam

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,



Ron Gashinski
Senior Manager, Mining Lands Section

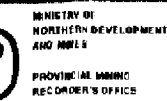
Cc: Resident Geologist

James Garnet Clark
(Agent)

Corsair Exploration Inc.
(Assessment Office)

Assessment File Library

Corsair Exploration Inc.
(Claim Holder)



MINING LAND TENURE MAP

Date / Time of Issue Oct 22 2002 16:12h Eastern

TOWNSHIP / AREA	PLAN
COLI LAKE AREA	G-1759

ADMINISTRATIVE DISTRICTS / DIVISIONS	
Mining Division	Red Lake
Land Titles/Registry Division	KENORA
Ministry of Natural Resources District	RED LAKE

TOPOGRAPHIC

- | | |
|---|---------------------------|
|  | Administrative Building |
|  | Township |
|  | Convention Hall |
|  | Innocent Park |
|  | Indian Reserve |
|  | City, P.A. and P.M. |
|  | Cemetary |
|  | Central Agency for Adults |
|  | Snack |
|  | Mileage House |
|  | Rampway |
|  | Road |
|  | Trail |
|  | Municipal Gas Pipeline |
|  | Hydro Line |
|  | Communication Line |
|  | Access Area |
|  | Municipal Sewerage System |

LAND TENURE

- | Executive Summary | |
|------------------------------------|---------------------------|
| | Surface and Mining Rights |
| | Surface Rights Only |
| | Mining Rights Only |
| Individuals & Employers | |
| | Surface and Mining Rights |
| | Surface Rights Only |
| | Mining Rights Only |
| Licenses of Degradation | |
| | None, not Specified |
| | Surface and Mining Rights |
| | Surface Rights Only |
| | Mining Rights Only |
| | Land Use Plan, E |
| | Order in Council |
| | Written Power-Of-Appeal |

LAND TENURE WITHDRAWALS

- Access With Lines from Disposition**
Mining Act With Mineral Types
 Surface and Mining Rights With Mineral
 Surface Rights Only With Mineral
 Mining Rights Only With Mineral

Order in Column With Mineral Types
 Surface and Mining Rights With Mineral
 Surface Rights Only With Mineral
 Mining Rights Only With Mineral

IMPORTANT NOTICES



LAND TENURE WITHDRAWAL DESCRIPTIONS

Material	Type	Date	Description
W247	Weld	Jan 6 1987	SEC 30 W247 S 247 87 SRMR 08666 7608 V01.35
W248	Weld	Jan 22 1984	SEC 30 W248 W248 S 248 84 SRMR 08666 7608 V01.35
W249	Weld	Nov 23 1980	W249 S23 NOV 83 SRMR 08666 7608 V01.35
W257	Weld	Jan 1 1988	W257 S21 JAN 88 SRMR 08666 7608 V01.35
183	Weld	Jan 1 1981	22571 SLD, 08667 42
D.A.	Weld	Feb 6 1984	SEC 2 P.L.A. 01540 8 J.M.D.
W258	Weld	Aug 23 1980	SEC 30 W258 S23 AUG 80 SRMR 08666 7608 V01.35
W259	Weld	Jan 9 1988	W259 S21 JAN 88 SRMR 08666 7608 V01.35
W21. 1234	Weld	Nov 21 2001	Mixing and Blending right hand material Section 35 of the Mixing of RSD 1999 Order # W21.2205 S21 NOV 2001 Note: This secondary blending represents the only secondary blending operation and may be subject to further change.
W21.2235	Weld	Nov 21 2001	Mixing and Blending right hand material Section 35 of the Mixing of RSD 1999 Order # W21.2205 S21 NOV 2001 Note: This secondary blending represents the only secondary blending operation and may be subject to further change.

IMPORTANT NOTICES

Areas under which special regulations, limitations or conditions are used affect normal prosopeding, mining and mineral development activities.

2, 24383
PDRILL
ASSAYS

200

52N05SE2010 2.24383 COLI LAKE

Those wishing to establish if a name should conflict with the Provincial Mining Recorder's Office of the Ministry of Northern Development and Mines for additional information on the status of the lands shown herein. This listing is not intended for mining, leasing, or land use determination purposes as the information shown on the map is compiled from various sources. Consistency and accuracy are not guaranteed. Additional information may also be obtained through the local Lands Titles or Registry Office, or the Ministry of Natural Resources.

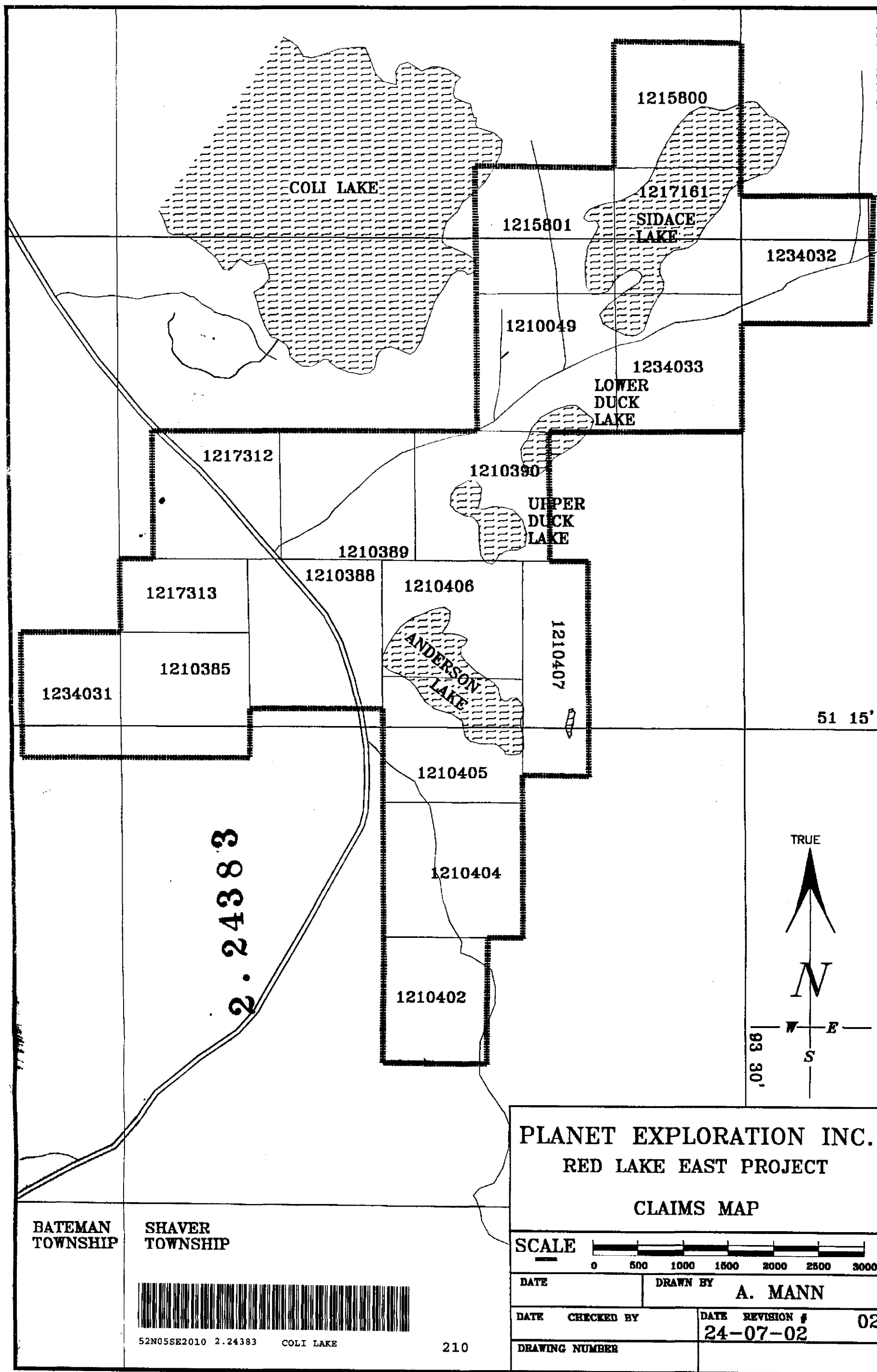
The information shown is derived from digital data available in the Provincial Mining Recorder's Office at the time of compilation from the Ministry of Northern Development and Mines web site.

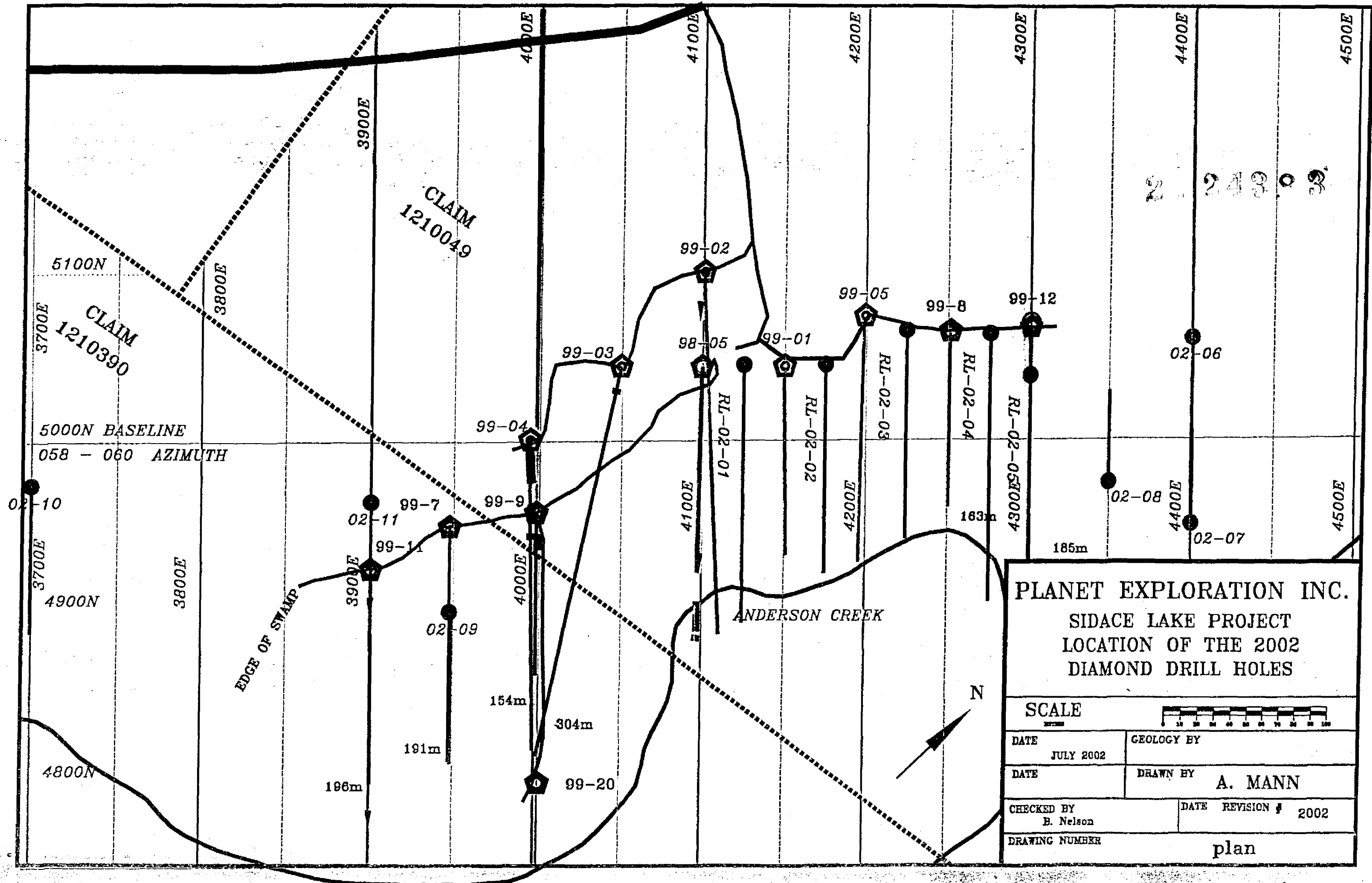
General Information and Limitations

Contact Information:
 Provincial Mining Records Office Toll Free
 9610 Green Mile Centre Tel: 1 (800) 416-9646
 803 Ramsey Lake Road Fax: 1 (277) 676-1664
 Sudbury, ON P2B 6E6
 Home Page: www.gov.on.ca/mining/suland/s.htm

Map Datum: NAD 83
Projection: UTM (6 degree)
Topographic Data Source: Land Information Ontario
Mining Land Feature Source: Provincial Mapping Records Office

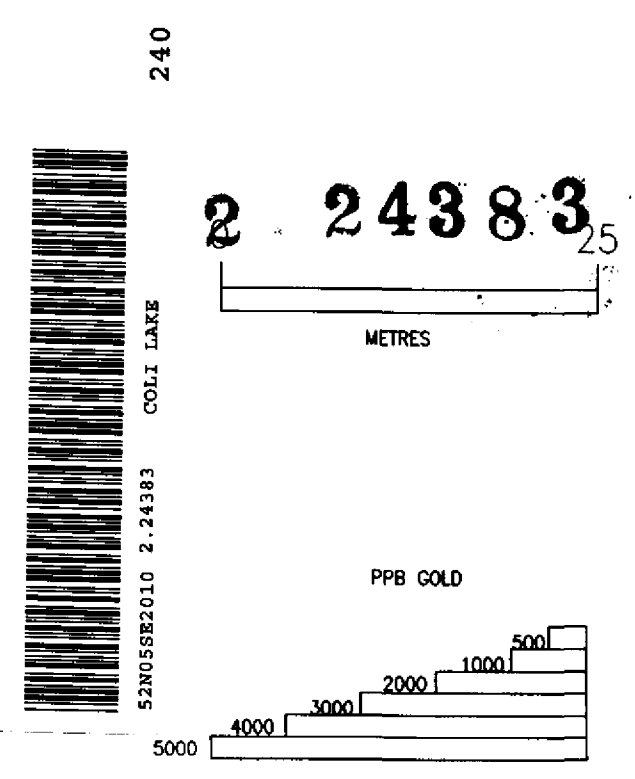
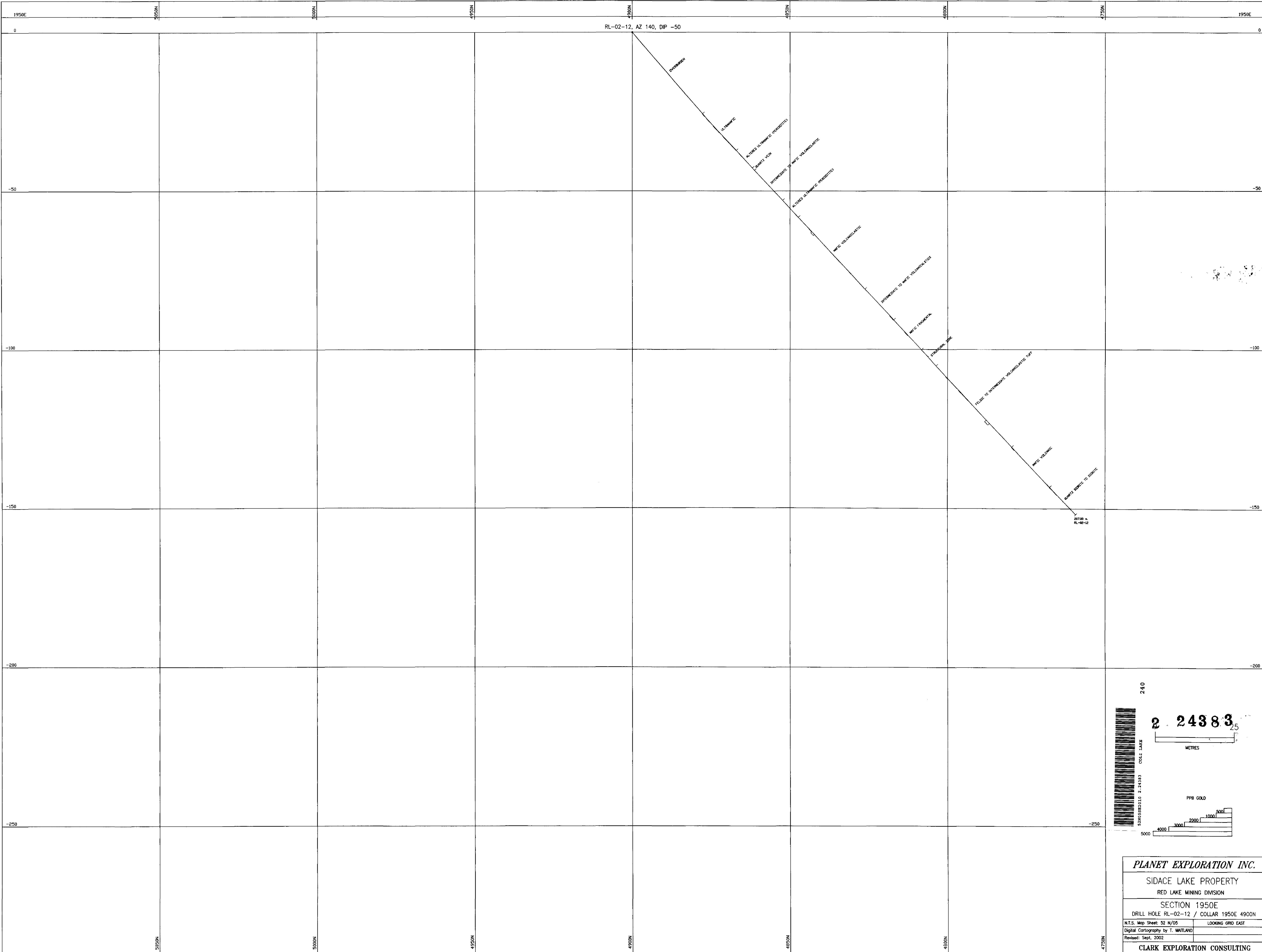
The map may not show all registered land tenure and interests within the existing certain limits, houses, possessions, right of ways, flooding rights, licenses, or other forms of illegal acquisition of rights and interest from the Crown. Also certain land tenure and land use that is not of sufficient free entry to allow inclusion of the map and the therefore



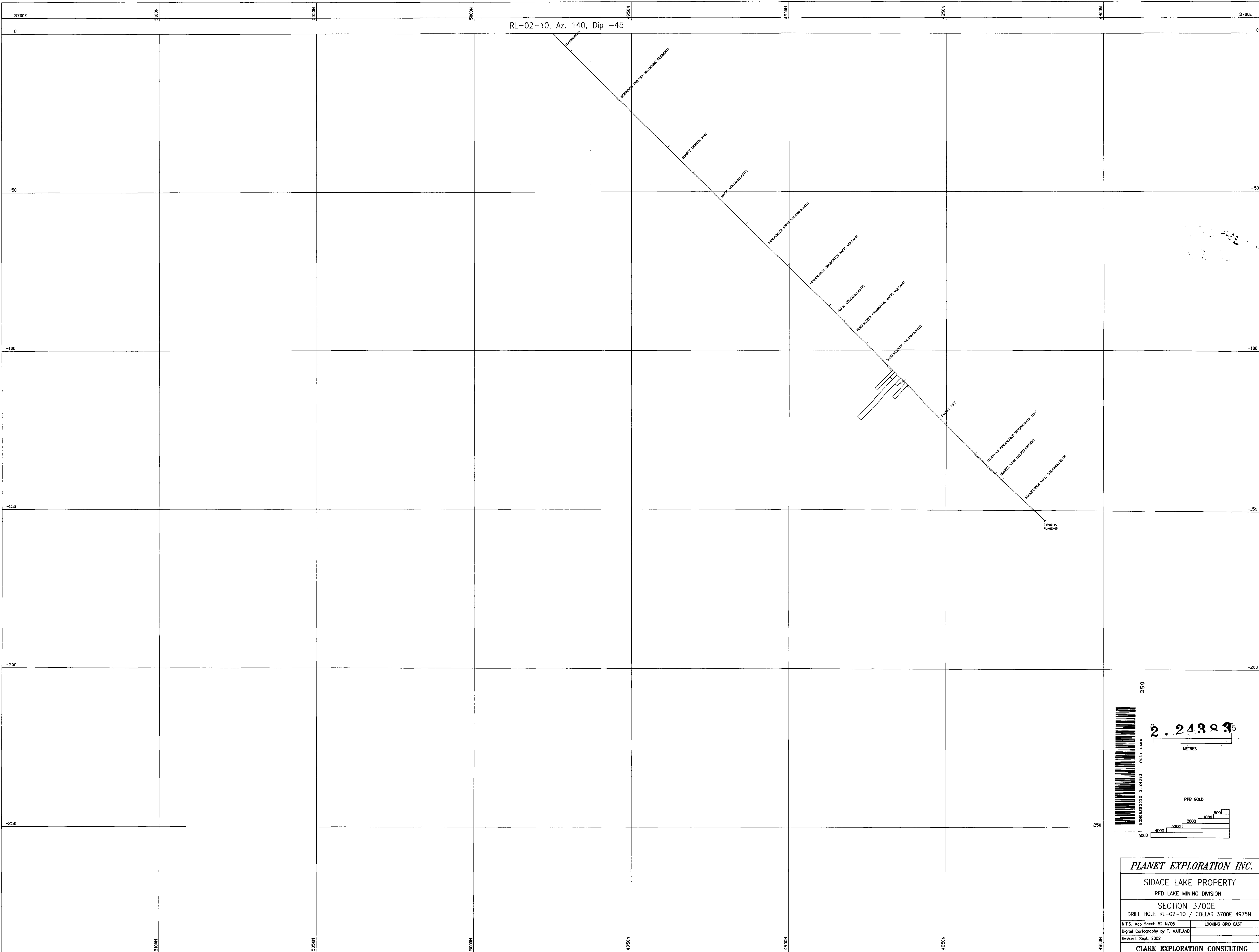


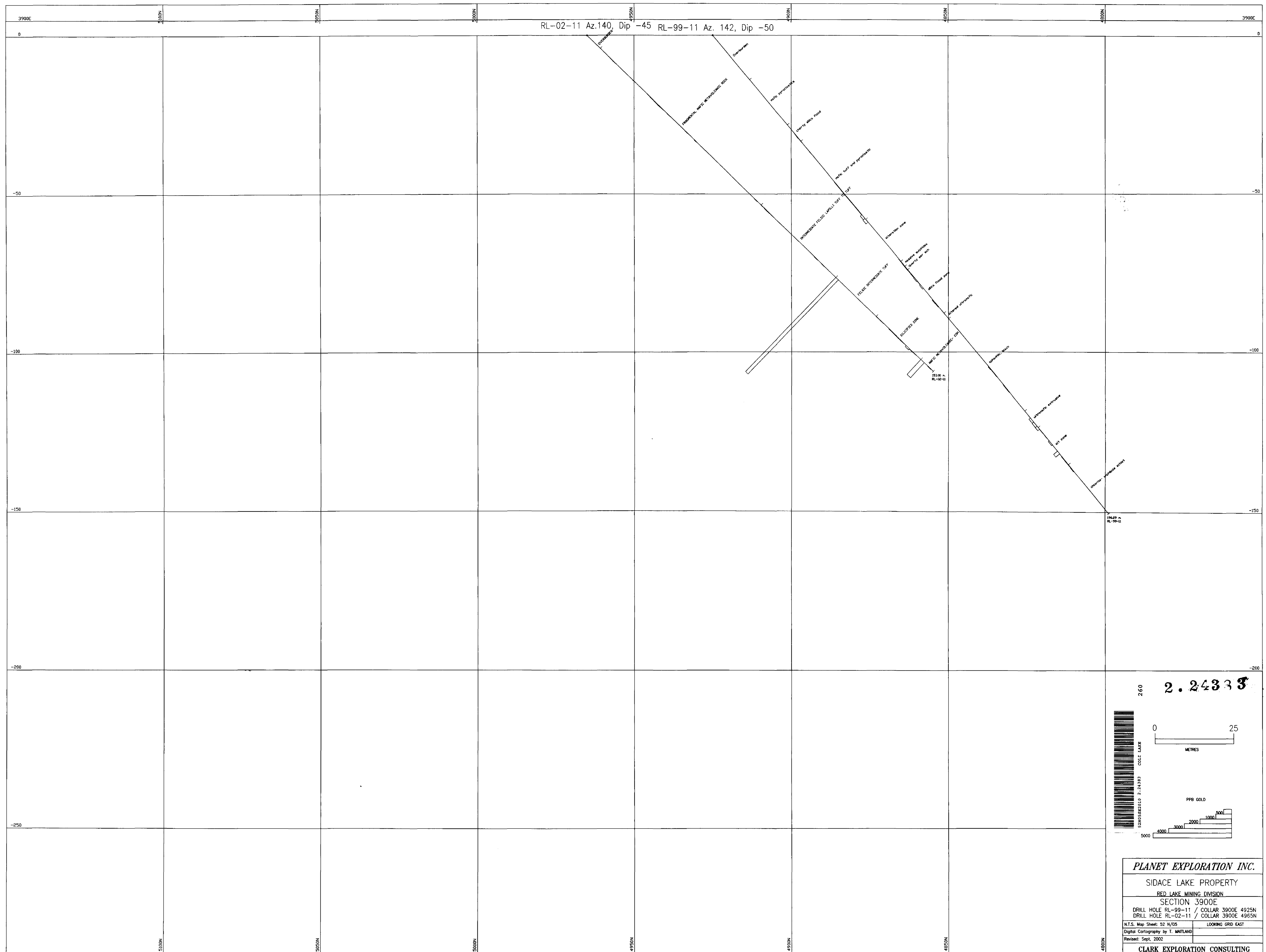
PLANET EXPLORATION INC.	
SIDACE LAKE PROJECT	
LOCATION OF THE 2002	
DIAMOND DRILL HOLES	
SCALE	
DATE JULY 2002	GEOLOGY BY
DATE	DRAWN BY A. MANN
CHECKED BY B. Nelson	DATE REVISION # 2002
DRAWING NUMBER plan	

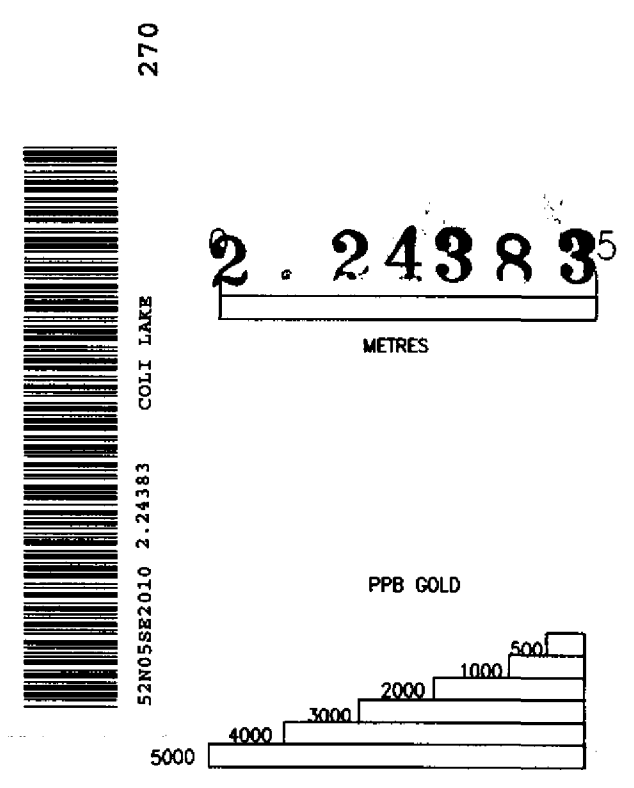
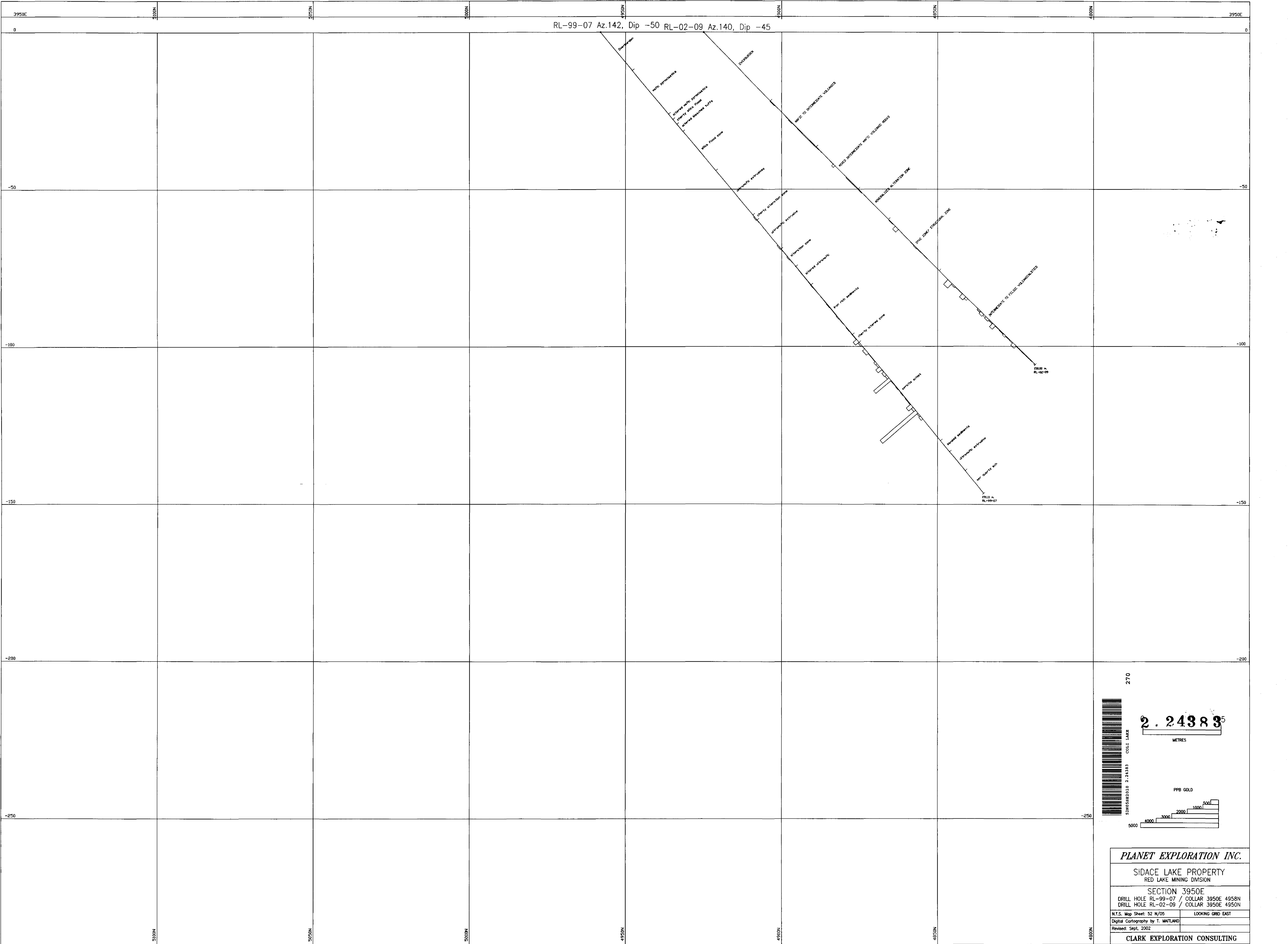




PLANET EXPLORATION INC.	
SIDACE LAKE PROPERTY	
RED LAKE MINING DIVISION	
SECTION 1950E	
DRILL HOLE RL-02-12 / COLLAR 1950E 4900N	
N.T.S. Map Sheet: 52 N/05	LOOKING GRID EAST
Digital Cartography by T. MANTLAND	
Revised: Sept, 2002	
CLARK EXPLORATION CONSULTING	







PLANET EXPLORATION INC.
SIDACE LAKE PROPERTY
RED LAKE MINING DIVISION
SECTION 3950E
DRILL HOLE RL-99-07 / COLLAR 3950E 4958N
DRILL HOLE RL-02-09 / COLLAR 3950E 4950N
N.T.S. Map Sheet: 52 N/05
Digital Cartography by T. MANTLAND
Revised: Sept. 2002
LOOKING GRID EAST
CLARK EXPLORATION CONSULTING

