Report Of Diamond Drilling on the

Aurum Project

of

Canadian Superior Resources Inc.

O'Sullivan and Maun Lake Areas Thunder Bay Mining Division, Ontario N.T.S. 42 L 6/NE and 42 L 7/NW

2.37089

February 11th, 2008 Thunder Bay, Ontario

Garry Clark, P.Geo.



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INTRODUCTION

Clark Exploration Consulting of Thunder Bay, Ontario was contracted by Canadian Superior Resources Inc. of Calgary, Alberta to plan and supervise the drilling of the Aurum Project. The drilling comprised a series of drill holes near the old O'Sullivan Lake Mine. The drillers and support staff were housed at a trailer camp constructed at the old mine site. Camp operations including snow removal, meals and drill setups were provided by Canadian Superior Resources.

The Aurum Project claims are underlain by Archean metavolcanics of the Wabigoon Belt of the Superior Province. The metavolcanics consist of mafic to intermediate flows and tuffs, which have been locally intruded by felsic dykes, sills and small stocks. All rocks in the area have been sheared or foliated in a north-easterly direction (045° to 065°) and there are numerous northeast-trending structures that have acted as conduits for hydrothermal, gold-bearing fluids.

The gold mineralization is consistently associated with quartz veins in or adjacent to quartz and quartz-feldspar porphyries, and occurs as both native gold and associated with sulphides.

PROPERTY DESCRIPTION and LOCATION

The Aurum Project consists of 15 contiguous, unsurveyed, unpatented claims in the O'Sullivan Lake and Maun Lake Areas (see Table 1). The property is approximately 35 km northwest of Nakina, Ontario, and approximately 300 km northeast of Thunder Bay, Ontario.

The claims are held in good standing by Craig M. Maitland of Thunder Bay, Ontario, and are illustrated on the O'Sullivan Lake and Maun Lake Areas claim sheets (G-0362 and G-0319) N.T.S. 42 L 6/NE and 42 L 7/NW. The claims have been optioned to Canadian Superior Resources Inc..

Canadian Superior Resources Inc. also has the Consolidated Louanna Mine under option which is comprised of 21 partial patents.

Claim Number	Recording Date	Claim Due Date	Work Required	Total Applied
3012083	2003-Jan-31	2008- Nov-24	\$4,800	\$14,400
3012084	2003-Jan-31	2008- Nov-24	\$6,400	\$19,200
3012086	2003-Jan-31	2008- Nov-24	\$4,800	\$14,400
3012087	2003-Jan-31	2008- Nov-24	\$6,400	\$19,200
3012089	2003-Jan-31	2008- Nov-24	\$4,800	\$14,400
3012090	2003-Jan-31	2008- Nov-24	\$6,400	\$19,200
3012092	2003-Jan-31	2008- Nov-24	\$3,600	\$10,800
1196090	2002-Jun-13	2008-Apr-	\$4,800	\$14,400
1242501	2002-Jun-13	2008-Apr-	\$6,400	\$19,200
1242503	2002-Jun-13	2008-Apr-	\$6,400	\$19,200
1242504	2002-Jun-13	2008-Apr-	\$4,800	\$14,400
3012082	2003-Jan-31	2008- Nov-24	\$1,600	\$4,800
3012085	2003-Jan-31	2008- Nov-24	\$4,800	\$14,400
3012088	2003-Jan-31	2008- Nov-24	\$6,000	\$18,000
3012091	2003-Jan-31	2008- Nov-24	\$4,800	\$14,400
3012351	2003-Apr-23	2008- Feb-14	\$3,600	\$7,200
3012352	2003-Apr-23	2008- Feb-14	\$2,400	\$4,800
3012364	2003-Apr-23	2008- Feb-14	\$3,600	\$7,200
3014675	2005-Oct-13	2008- Feb-14	\$2,000	\$0
3014676	2005-Oct-13	2008- Feb-14	\$5,200	\$0
3014677	2005-Oct-13	2008- Feb-14	\$2,400	\$0
3014678	2005-Oct-13	2008- Feb-14	\$4,000	\$0

Table	1.	Aurum	Project	Claims
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February 2008

PROPERTY HISTORY

Gold mineralization was first reported in the O'Sullivan Lake area by Kindle (1931), who reported the gold on the Cryderman claims (on the west end of the Cryderman Peninsula, west of the current Aurum Project claims) occurred in quartz stringers in sheared porphyry, with associated extensive carbonatization of the adjacent volcanics.

The original claims of the Consolidated Louanna Gold Mine were staked in 1935 by Jack Miller. A shaft was eventually sunk on the property in 1947, on a mineralized zone in sheared tuffs and quartz porphyry. Sporadic work was performed on this property between 1947 and 1983, and in late 1983 production was reported from the mine, with the mill concentrating 190 - 200 tons per day. Production continued until the mill closed in October 1984, with a total of approximately 70,00 tons milled at a grade of 0.22 ounces/ton (Mason and White, 1986).

The area was mapped in detail by the Ontario Department of Mines in 1947 and 1948 by Moorhouse (1956). Recent government work has included an airborne electromagnetic and magnetic geophysical survey in 1989, and mapping by Parker and Stott (1998).

Some of the showings on the current Aurum Project claims have been worked since the 1940's, with work being reported in the MNDM assessment files in 1950. A summary of the previous work is presented in Table 2, and is taken from Moorhouse (1956), and the MNDM assessment files located in the Thunder Bay Resident Geologist's office. Most of the assessment files did not include assay results or certificates since they were not required when the work was done; as a result the values from the older work could not be verified.



FIGURE 1

Regional-Scale Location Map

ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE and PHYSIOGRAPHY

The Canadian Superior Resources Inc., Aurum Project is located in the O'Sullivan Lake and Maun Lake Areas, Thunder Bay Mining Division.

The O'Sullivan Lake property areas lie approximately 300 km northeast of Thunder Bay, Ontario and 35 km northwest of Nakina (Figure 1). The property is within the Beardmore-Geraldton area of the Thunder Bay Mining Division. The claim map sheets are O'Sullivan Lake, G-362 and Maun Lake, G-319 with latitude 50 27'20" and longitude 87 00'00" in the NTS 42L6NE and 42L7NW.

Access is via Highway 643 from Nakina north to O'Sullivan Lake and branching off on the road to the Consolidated Louanna Mine. From here, a boat will be needed to access the other side of the lake where the claims covering Hurd Lake Fault Zone have been staked.

Canadian Superior Resources

<u>Claim</u> Number	Recording Date	Claim Due date	Required Work	Total Applied
3014679	2005-Oct-13	2008- Feb-14	\$800	\$0
3014680	2005-Oct-13	2008- Feb-14	\$6,400	\$ 0
3014681	2005-Oct-13	2008- Feb-14	\$800	\$0
3014682	2005-Oct-13	2008- Feb-14	\$4,400	\$0
3014683	2005-Oct-13	2008- Feb-14	\$800	\$0

Table 2. Consolidated Louanna Patents

KK3199	KK3336
KK3200	KK3337
KK3201	KK3338
KK3202	KK3339
KK3203	KK3340
KK3204	KK3341
KK3205	KK3342
KK3206	KK3346
KK3207	KK3347
KK3334	KK3348
KK3335	

GEOLOGICAL SETTING

REGIONAL GEOLOGY AND DEPOSIT TYPES

The O'Sullivan Lake area is underlain by an Archean Metavolcanic sequence of the Wabigoon Subprovince. The metavolcanic sequence trends east-west to northeast, dips sub-vertically and youngs to the north. The belt consists of massive to pillowed mafic flows intercalated with metasediments and intermediate tuffs overlain by a narrow belt of felsic to intermediate tuffs and metasediments.

Intrusives of mafic and felsic composition are intruded both conformably and unconformably into the volcanics. The mafic intrusives include diorite and gabbro sills and dykes. Felsic intrusives range from quartz feldspar porphyry dykes and sills to small granitoid bodies.

The metamorphic grade of the belt ranges from greenschist facies to upper greenschistlower amphibolite facies near the granitoid intrusives. The strongest structural imprint on the area is a northeast fabric developed as a regional schistosity and locally as kilometrescale faults. These faults have been noted by numerous authors and correspond to the northeast-trending lineaments.

The area is covered by a variable thickness of glacial outwash which includes sand, till, and local esker material.

The O'Sullivan Lake Belt is host to the past-producing Lake OSU Gold Mine (Consolidated Louanna Gold Mine). The mine property was first explored in detail in 1935. This work lead to the sinking of a shaft to the 150 foot level in 1947. Extensive but sporadic work was carried out from 1947 until 1984, with overall production of approximately 15 400 ounces of gold. The ore zones of the mine occur within a strongly sheared and altered mafic to intermediate tuffaceous horizon. The tuff horizon is hosted by massive to pillowed mafic flows. The tuffaceous band has been the focus of shearing, porphyry intrusion and associated alteration. The intrusions consist of quartz- and quartzfeldspar porphyries, are irregular in shape and size, and are frequently sheared. The alteration of the tuffaceous horizon consists of pervasive carbonate and weak sericite with intense silicification and sericitization near the intrusive contacts.

The mineralization at the mine is associated with bluish quartz veins hosted by the quartz-feldspar porphyries and the sheared tuff. The veins contain up to 15% sulphides (pyrite, pyrrhotite, arsenopyrite, sphalerite, and chalcopyrite) and native gold.

2007 DIAMOND DRILLING

Canadian Superior Resources completed the first seven diamond drill holes of a larger exploration program in the fall of 2007. The program was supervised by Clark Exploration of Thunder Bay. Drill logs, sections and a plan are appended to this report.

Hole No.	Easting	Northing	Planned Azimuth	Dip	Depth	Remarks
SC-07-01	493555	5587722	339	-50	137	Vein from ~108 to 109 metres
SC-07-02	493555	5587722	339	-60	149	Lean zone (minor alt'n/min'n)
SC-07-03	493569	5587767	339	-45	75	Visible gold noted at ~27 m
SC-07-04	493861	5587744	339	-45	245	Zones from 179.5-183.8 and 189.5-191.8
SC-07-05	493861	5587744	339	-59	275	Zone from 232 to 237 (lean)
SC-07-06	493762	5587706	339	-45	209	Zone (?) from 179 to 204
SC-07-07	493852	5587767	339	-45	164	Zones from 125.6-129.9 and 144.5-145.4

Table 3: O'Sullivan – 2007 Diamond Drilling Summ	ary
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INTERPRETATION and CONCLUSIONS

The diamond drill holes successfully intersected the Mine structure and reported some interesting gold values.

REFERENCES

- Assessment Files, Thunder Bay Resident Geologist's Office, Ministry of Northern Development and Mines; Thunder Bay, Ontario.
- Clark, J.G., and Eveleigh, A.J. 1992. Summary Report on the Hurd Lake Property for Mercier Limited Inc.
- Clark, J.G., and Nelson, B. 1998. 1998 OPAP Report for the O'Sullivan Lake Project for Mike Atkins and Todd Maitland.
- Kindle, L.F., 1931. Kowkash-Ogoki Area, Thunder Bay District; Ontario Department of Mines, Annual Report 1931, Volume 40, Part 4, p. 55-104. Accompanied by Map 40F, scale 1:126 720.
- Mason, J., and White, G., 1986. Gold Occurrences, Prospects, and Deposits of the Beardmore-Geraldton Area, Districts of Thunder Bay and Cochrane; Ontario Geological Survey, Open File Report 5630, 680p., 21 figures, 11 tables, and 1 map in back pocket.
- Moorhouse, W.W., 1956. Geology of the O'Sullivan Lake Area, District of Thunder Bay, Ontario; Annual Report, 1955, Vol. 64, Part 4, p. 1-32.
- Parker, J.R. and Stott, G.M., 1998. Precambrian Geology, O'Sullivan Lake Area (west half), north-eastern Onaman-Tashota greenstone belt, eastern Wabigoon Subprovince; Ontario Geological Survey, Preliminary Map P.3377, scale 1:20 000.

Appendix I: Diamond Drill Logs, Sections and Plan SC-07-01 to SC-07-07



O'SULLIVAN LAKE SC-07-01

CLARK EXPL CONSULTING ING.

PROPERT	Υ:	O'SULLIVAN LOCATION: CLAIM NUMBER: DOWNHOLE SURVEY:			DRILLING COMPANY:							
HOLE NO.	:	SC-07-01 LENGTH: 137.00 CORE SIZE: BTW		DEPTH	DIP	AZIMUTH		LEVERT				
PROJECT	NUMBER:		NORTHING: 1+68 N	EASTING: 0+40 W	50	-42.8	336.1		DATE LOG	GED: NOV	17, 2007	
ELEVATIO	ELEVATION: UTM northing: 5587722 UTM easting: 493555					-39.5	340.2		LOGGED:	D.CULLE	N	
COLLAR	RIENTATI	ON (AZIMUTH / D	P); PLANNED:	SURVEYED:	135	-37.7	339.5]			
EXPLORA	TION CO.,	OWNER OR OPT	ONEE: SUPERIOR CANAD	AN RESOURCES INC.					SIGNATUR	E:		
HOLE STA	ARTED: N	OV 2	HOLE FINISHED: NOV 18	DECLINATION: -50 DEGREES					SHEET	1	OF 2	
FOO'	TAGE	ROCK				SAM	PLES			A	SAYS	
FROM	ТО	TYPE		DESCRIPTION		FROM	то	LENGTH	Au ppb	Au oz/ton	Au g/t (ppm)	Au ppm
0.00	15.00	CASING										
15.00	80.60	MAFIC	MEDIUM GREY-GREEN;	FINE GRAINED TO VERY FINE GRAINED, LOCALLY UP							ļ!	
		VOLANIC	MEDIUM GRAINED; MAS	SIVE TO WEAKLY FOLIATED @ 50-60 DEGREES TO							ļ!	
			COMMON QUARTZ-CAR	BONATE VEINS AND VEINLETS, REGULAR TO							ļ!	
			AT VARIABLE CORE AND	GLES AND WIDTHS; UNIT EXHIBITS PERVASIVE WEAK							ļ'	
			CARBONATE ALTERAIO	N; TRACE PYRITE, GENERALLY A <u>S BLEBS/STRINGERS</u>							L!	
			ALONG VEIN MARGINS.									
			67.00-73.00: ZONE OF ST	RINGER QUARTZ-CARB VEINING AND CAVITY-FILLING	G; 441001	67.00	68.00	1.00	6	< 0.001	0.008	
			CONTORTED AND E	BRECCIATED VEINS AND PATCHES UP TO 30 cm WITH	441002		69.00	1.00	11	<0.001	0.011	
			CHLORITE, EPIDOT	E SAUSSURITE (?)	441003		70.50	1.50	9	< 0.001	0.009	
			68.32-68.60: IRREGU	LAR, BRECCIATED QUARTZ VEIN WITH MODERATE	441004		72.00	1.50	7	< 0.001	0.007	
			EPIDOTI	E +/- SAUSSURITE AND TRACE PYRITE	441005		73.00	1.00	12	< 0.001	0.012	
			80.60: LOWER CONTACT	ARBITRARY AND GRADATIONAL - MARKED BY								
			INCREASE IN SCH	ISTOSITY/FOLIATION								
1												
80.60	119.92	MAFIC TUFF	MAFIC TO INTERMEDIAT	<u>'E TUFF; MEDIUM TO LIGHT GREY; FINE TO VERY FINI</u>	-							
			GRAINED TO LOCALLY N	AEDIUM OR COARSE GRAINED (POSSIBLY								
			OR CRYSTAL/LAPILLI TU	FF) OVER NARROW INTERVALS; WELL-LAMINATED/								
			BANDED AT CORE ANGL	ES FROM 35 TO 45 DEGREES TO CORE AXIS;	_							
			TO WEAK PERVASIVE C	ARBONATE THROUGHOUT; OCCASIONAL QUARTZ AN	D							
			QUARTZ-CARB VEIN, GE	NERALLY IRREGULAR AND VARIABLE IN WIDTH AND								
			ORIENTATION - OFTEN I	DISCORDANT TO LAMINATIONS/BANDING; TRACE								
			ARSENOPYRITE, PYRRH	IOTITE, PYRITE AND CHALCOPYRITE OVERALL, OFTE	N							
			NARROW (<1 CM) STRIN	GES AND BANDS PARALLEL TO SUBPARALLEL TO C./	\ .							
			AND FINE TO MEDIUM G	RAINED								

2 **OF** 2



	PROPERTY PAGE # 2 OF 2										
LOGGED) BY:		SIGNATURE								
FOO	FOOTAGE ROCK			SAMPLES			AS	<u>SAYS</u>			
FROM	то	TYPE	DESCRIPTION	No.	FROM	то	LENGTH	Au ppb	Au oz/ton	Au g/t (ppm)	Au ppm
80.60	119.92	MAFIC TUFF	CONTINUED	441006	86.00	87.50	1.50	15	<0.001	0.015	
1	{			441007		89.00	1.50	5	<0.001	0.005	
)	93.89-93.00: 2-3% FINE GAINED STRINGER ARSENOPYRITE, WITH	441008		90.50	1.50	8	<0.001	0.008	
			PYRRHOTITE, PYRITE AND CHALCOPYRITE	441009		91.50	1.50	12	<0.001	0.012	
				441010		92.50	1.00	9	<0.001	0.009	
			95.0-95.10: 2-3% STRINGERS AND BLEBS OF PYRRHOTITE	441011		93.50	1.00	13	<0.001	0.013	
				441012		94.50	1.00	36	0.001	0.036	
		MINE VEIN?	108.47-108.85: QUARTZ VEIN; GREY QUARTZ VEIN, BROKEN, WITH	441013		95.50	1.00	758	0.022	0.758	
	1		CHLORITIC SEAMS THROUGHOUT (IRREGULAR); 5-7% IRREGULAR	441014		96.50	1.00	140	0.004	0.14	
			STRINGERS AND FRACTURES OF Po, Py, Aspy, AND Cpy; VEINS	441015		98.00	1.50	41	0.001	0.041	
1			PARALLEL TO LAMINATIONS @ 45 DEGREES TO C.A.	441016		99.50	1.50	18	<0.001	0.018	
		l		441017		101.00	1.50	16	<0.001	0.016	
			112.30-116.00: UNIT APPEARS MORE SERICITIC - POSSIBLY RHYOLITIC	441018		102.50	1.50	5	<0.001	0.005	
				441019		104.00	1.50	24	< 0.001	0.024	
			119.92: LOWER CONTACT SHARP AND REGULAR @ 50 DEGREES TO C.A.	441020		105.50	1.50	6	<0.001	0.006	
				441021		107.00	1.50	15	<0.001	0.015	
				441022		108.40	1.40	3372	0.098	3.372	
				441023		108.90	0.50	14	<0.001	0.014	
		l		441024		110.00	1.10	10	<0.001	0.01	
				441025		111.50	1.50	17	<0.001	0.017	
119.92	137.00	MAFIC	MAFIC TO INTERMEDIATE VOLCANIC (MASSIVE FLOW?) FINE GRAINED;								
		VOLCANIC	MEDIUM TO LIGHT GREEN; MASSIVE WITH COMMON CHLORITIC WISPS								
			TO SEVERAL CM IN LENGTH; OCCASIONAL NARROW WIDTH OF APHANIT								
			VOLCANIC WITH QUARTZ-CARB VEINLETS AS FROM 15.00 TO 80.60								
137.00		END OF									
		HOLE									
1											
										$ \longrightarrow $	
										└─── ┤	
										\vdash	



PROPERT	Y :	O'SULLIVAN	LOCATION:	CLAIM NUMBER:		DOWNHOLE SURVEY:		DRILLING COMPANY:					
HOLE NO.	.:	SC-07-02	LENGTH: 149 metres	CORE SIZE: BTW		DEPTH	DIP	AZIMUTH		LEVERT			
PROJECT	NUMBER:		NORTHING: 1+68 N	EASTING: 0+40 E		50	-52.2	338.4	_	DATE LOG	GED: NOV	20	
ELEVATIO	ж :		UTM northing: 5587722	UTM easting: 493555		101	-51.6	337.9		LOGGED:	D.CULLEN		
COLLAR	ORIENTATI	ION (AZIMUTH / D	NP); PLANNED:	SURVEYED:		149	-50.8	340.2		1			
EXPLORA	TION CO.,	OWNER OR OPT	IONEE: SUPERIOR CANAD	AN RESOURCES INC.						SIGNATUR	E;		
HOLE STA	ARTED: NO	OV 18	HOLE FINISHED: NOV 19	DECLINATION: -60						SHEET	1	of 2	
F00	TAGE	ROCK					SAM	PLES			AS	SAYS	
FROM	то	TYPE		DESCRIPTION		No.	FROM	то	LENGTH	Au ppb	Au oz/ton	Au g/t (ppm)	Au ppm
0.00	14.00	CASING											
14.00	11.46	MAFIC	MASSIVE FLOW; MEDIUI	M GREY TO GREY-GREEN; FINE TO	VERY FINE-								
		VOLCANIC	MASSIVE TO LOCALLY V	VEAKLY FOLIATED @ 30-35 DEGRE	ES TO C.A.;								
			QUARTZ-CARBONATE V	EINS/VEINLETS, REGULAR AND IRF	REGULAR AND AT								
			VARIABLE CORE ANGLE	<u>S AND WIDTHS - GENERALLY <1 CI</u>	N; WEAK								
			CARBONATE ALTERATIO	<u>ON; TRACE PYRITE, GENERALLY AS</u>	S BLEBS								
			WITH QUARTZ-CARBON	ATE VEINS.									
			75.70-79.10: ZONE OF W	EAK TO LOCALLY MODERATE BREC	CCIATION AND								
			FRACTURING WITH	QUARTZ-CARBONATE CAVITY AND) FRACTURE-								
			116.46: LOWER CONTAC	T GRADATIONAL AND ARBITRARY	- BASED ON								
			INCREASE IN SCHIS	TOSITY OR FOLIATION/LAMINATIO	NS								
116.46	149.00	MAFIC TUFF	MAFIC TUFF (OR SHEAR	ED/FOLIATED FLOW?); MEDIUM GF	REY; FINE TO VERY								
			GRAINED; PREDOMINAN	ITLY FINELY LAMINATED WITH ABU	INDANT QUARTZ-								
	'		CARBONATE VEINLETS	PARALLEL TO LAMELLAE, AND GEN	NERALLY 1-5 MM								
			WIDE; LAMINATIONS PO	SSIBLY REPRESENT MODERATE T	O STRONG								
	1		OR SHEARING, WITH AS	SOCIATED QUARTZ-CARB ALTERA	TION;								
			FOLIATION GENERALLY	AT 25-30 DEGREES TO C.A.; OCCA	SIONALY SECTIONS				_				
			OF BRECIATED, IRREGU	LAR QUARTZ VEINING WITH CHLO	RITIC PARTINGS								
			TRACE PYRITE AS DISS	EMINATIONS AND BLEBS; TRACE P	YRITE OVERALL								
			THROUGH UNIT.										
			118.25-118.42: IRREGUL/	AR BARREN QUARTZ VEIN/POD		441026	118.00	118.50	0.50	14	<0.001	0.014	
						441027		120.00	1.50	14	<0.001	0.014	
			124.40-124.51: 3 CM BAR	REN QUARTZ VEIN @ 40 DEGREES	TO C.A.	441028		121.50	1.50	<5	<0.001	<0.005	
1										1			

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			PROPERTY	PROPERTY PAGE # 2 OF 2							
LOGGED	BY:		SIGNATURE								
F001	TAGE	ROCK			SAMF	PLES			AS	SAYS	
FROM	то	TYPE	DESCRIPTION	No.	FROM	TO	LENGTH	Au ppb	Au oz/ton	Au g/t (ppm)	Au ppm
116.46	149.00	MAFIC TUFF	CONTINUED								
			126.63-127.05: IRREGULAR QUARTZ-CARB VEIN WITH CHLORITE								
			PARTINGS AND FRAGMENTS; TRACE SULPHIDES	441029	121.50	123.00	1.50	10	<0.001	0.01	
				441030		124.51	1.51	<5	< 0.001	<0.005	
			127.05-127.45: DEFORMED AND BRECCIATED QUARTZ-CARB AND	441031		126.00	1.49	12	< 0.001	0.012	
			BARREN QUARTZ VEIN.	441032		127.05	1.05	9	< 0.001	0.009	
				441033		128.30	1.25	15	<0.001	0.015	
			127.45-128.25: ZONE WITH FeOx STAINING ON CORE AND THROUGH	441034		129.30	1.00	11	<0.001	0.011	
			IRREGULAR, NARROW (~5 MM) QUARTZ-CARB VEINS; VEINS ALSO	441035		130.43	1.13	62	0.002	0.062	
			VUGGY - POSSIBLY CLOSE TO UNDERGROUND OPENINGS	441036		131.30	0.87	<5	<0.001	<0.005	
			128.40-128.60: IRREGULAR, PARTIALLY BRECCIATED QUARTZ-CARB								
			VEIN PARALLEL TO LAMINATIONS/FOLIATION; TRACE SULPHIDES;								
			CHLORITE PARTINGS.								
			130.12-130.43: AS ABOVE								
			103.60-130.70: AS ABOVE								
			141.27-141.54: QUARTZ-CARB VEIN @ 30 DEGREES (PARALLEL TO	441037	141.10	141.70	0.60	12	<0.001	0.012	
			FOLIATION) WITH 40% CHLORITE SEAMS.								
149.00	1	END OF									
		HOLE									



PROPERT	Y:	O'SULLIVAN	LOCATION:	CLAIM NUMBER:	DOWNHOL	E SURVEY:		_	DRILLING	OMPANY:		
HOLE NO	:	SC-07-03	LENGTH: 75 M	CORE SIZE: BTW	DEPTH	DIP	AZIMUTH	DIP	LEVERT			
PROJECT	NUMBER:		NORTHING: 0+00	EASTING: 0+15 W	50	-42.8	346.20		DATE LOG	GED: NOV	21	
ELEVATIO	N:		UTM northing: 5587767	UTM easting: 493569					LOGGED:	D.CULLE	EN	
COLLAR	RIENTAT	ION (AZIMUTH / D	NP); PLANNED:	SURVEYED:]			
EXPLORA	TION CO.,	OWNER OR OPT	IONEE: SUPERIOR CANAD	IAN RESOURCES INC.					SIGNATUR	E:		
HOLE ST	ARTED: N	OV 19	HOLE FINISHED: NOV 20	DECLINATION: -45					SHEET 1		OF 2	
FOO	TAGE	ROCK				SAM	PLES			AS	SAYS	ann an ta bha ann dhad an Ar 1971 - A
FROM	TO	TYPE		DESCRIPTION	No.	FROM	TO	LENGTH	Au ppb	Au oz/ton	Au g/t (ppm)	Au ppm
0.00	3.00	CASING									L	
											L	
3.00	39.40	MAFIC TUFF	MEDIUM GREY TO GREE	ENISH GREY; FINE TO VERY FINE GRAINED;								
		1	FOLIATED/SHEARED/LA	MINATED @ 30-40 DEGREES TO C.A.; WEAK TO							ļ!	
l l			MODERATE PERVASIVE	CARBONATE ALTERATION; COMMON CARB AND							ļ	
			QUARTZ-CARB VEINLET	S/VEINS AND SEAMS, PREDOMINANTLY PARALLEL TO)						ļļ	
			FOLIATION/LAMINATION	S AND UP TO SEVERAL MM; TRACE SULPHIDES							ļ/	
			OVERALL, GENERALLY	CONFINED TO NARROW ZONES (10'S OF CM) OF 2-3%							└──── ┘	
			FINE GRAINED STRINGE	ERS, BLEBS AND DISSEMINATIONS OF PYRRHOTITE,	_		ļ	ļ			 /	
			PYRITE, CHALCOPYRITE	AND ARSENOPYRITE.	_			 			<u> </u> /	
l I			10 70 20 27: 00% OLIADT	ZVEN (PARAEN MULTE IRRECHTAR) MUTHES CARE	444020	10.70	20.40	0.70		<0.001	<0.005	
			19.70-20.37: 90% QUART	Z VEIN (BARREN, WHITE, IRREGULAR) WITH FO CARD	441030	19.70	20.40	1.50	<u></u>	<0.001	0.005	
			ALONG VEIN WALLS		441039		21.50	1.50	19	<0.001	0.022	
			26.00-26.90 THINK Y LAN		441040		23.00	1.10	38	0.001	0.010	
			VERY FINE GRAINE	D SHI PHIDES - LOOKS LIKE PREDOMINANTLY Po	441041		25.00	1.00	15	<0.001	0.000	
			I AMINATIONS @ 40	DEGREES TO C A	441043		26.00	1.00	34	<0.001	0.034	
					441044		26.90	0.90	132	0.004	0.132	
			26.90-27.48: BRECCIATE	D QUARTZ VEIN WITH CHLORITE AND SERICITE	441045		27.50	0.60	9581	0.28	9.581	
			FRACTURES AND I	REGULAR SEAMS: 1-2% VERY FINE GRAINED	441046		28.50	1.00	6082	0.177	6.082	
			SULPHIDES; QUART	Z IS GREYISH, TRANSLUCENT	441047		29.30	0.80	3776	0.11	3.776	
		*V.G.	 VISBLE GOLD: 3 FL 	ECKS AT 26.95 AND 27.10	441048		30.80	1.50	48	0.001	0.048	
					441049		32.80	1.50	19	<0.001	0.019	
			27.48-29.30: AS FROM 26	3.00-26.90, BUT MORE SERICITIC, AND LOCALLY	441050		33.80	1.50	18	< 0.001	0.018	
			CONTORTED/FOLD	ED	441051		35.26	1.46	224	0.007	0.224	
					441052		36.50	1.24	43	0.001	0.043	
			34.07-35.26: SILICEOUS,	LIGHT GREY; LOCALLY CHERTY IN APPEARANCE;								
			LOCAL SULPHIDE S	EAMS AND STRINGERS UP TO SEVERAL MM WIDE								

2 **OF** 2



PROPERTY PAGE # 2 OF 2											
LOGGED	BY:		SIGNATURE								
F001	TAGE	ROCK			SAMP	PLES			AS	SAYS	
FROM	то	TYPE	DESCRIPTION	No.	FROM	то	LENGTH	Au ppb	Au oz/ton	Au g/t (ppm)	Au ppm
39.40	59.29	QUARTZ	LIGHT TO MEDIUM GREY; FINE TO VERY FINE GRAINED MATRIX WITH								
		EYE TUFF	WEAKLY FOLIATED @ 45 DEGREES TO C.A.; TRACE SULPHIDES;								
			CONTACT SHARP AND REGULAR @ 50 DEGREES TO C.A.								
59.29	75.00	MAFIC	AS FROM 3.00-39.40								
		TUFF/FLOW									
75.00		END OF									
		HOLE									
		ĺ									
				ļ							
				1			L				Ļ



PROPERT	TY:	O'SULLIVAN	LOCATION:	CLAIM NUMBER:	DOWNHOL	E SURVEY:	_		DRILLING	COMPANY:		
HOLE NO	.:	SC-07-04	LENGTH: 245 M	CORE SIZE: NQ	DEPTH	DIP	AZIMUTH	DIP	BOART	LONGYE	AR	
PROJECT	NUMBER:		NORTHING: 0+65 N	EASTING: 2+50 E	50	-44.4	344.6		DATE LOG	GED: NOV	20	
ELEVATK	ON:		UTM northing: 5587744	UTM easting: 493861	101	-43.4	346.6		LOGGED:	D.CULLE	ĒN	
COLLAR	ORIENTATI	ON (AZIMUTH / D	HP); PLANNED: 339	SURVEYED:	149	-43.4	347.9		1			
EXPLORA	TION CO.,	OWNER OR OPT	IONEE: SUPERIOR CANAD	IAN RESOURCES INC.	200	-42.2	345.9		SIGNATUR	E:		
HOLE ST	ARTED: N	ÔV 17	HOLE FINISHED: NOV 19	DECLINATION: -45	245	-41.3	347.0		SHEET	1	OF	3
FOO	TAGE	ROCK				SAM	PLES			AS	SAYS	
FROM	то	TYPE		DESCRIPTION	No.	FROM	то	LENGTH	Au ppb	Au oz/ton	Au g/t (ppm)	Au ppm
0.00	1.90	CASING										
1.90	170.00	MAFIC	MEDIUM GREY TO GREY	-GREEN; FINE TO VERY FINE GRAINED TO LOCALLY								
{		VOLCANIC	MEDIUM GRAINED; MAS	SIVE AND PILLOWED FLOWS, LOCALLY MODERATELY								
			FOLIATED AT 40 TO 50 E	DEGREES TO C.A.; PILLOWED SECTIONS EXHIBIT WELL								
			DEVELOPED SELVAGES	, OFTEN WITH EPIDOTE ALTERATION; VARIABLE								
			CARBONATE VEINING A	ND FRACTURES, PREDOMINANTLY <5 MM AND AT								
			VARIABLE CORE ANGLE	S; TRACE SULPHIDES, PRIMARILY PYRRHOTITE AND								
			USUALLY ASOCIATED W	/ITH QUARTZ-CARB VEINS, WITH MINOR								
			104.33-104.38: APPEARS	TO BE A PILLOW SELVAGE WITH MODERATE TO				_				
			STRONG EPIDOTE	AND QUARTZ WITH 10% Po AS IRREGULAR BLEBS								
			128.88-129.33: PILLOW B	RECCIA? BRECCIATED WITH PRIMARILY EPIDOTIZED								
			BRECCIA FRAGMEN	ITS AND QUARTZ-CARBONATE CAVITY FILLING								
}	{											
			132.62-132.93: AS ABOV									
								-				
1			133.30-133.50: AS ABOV									
1			169 - 170: BECOMING IN	CREASINGLY FOLIATED/SCHISTOSE - GRADING INTO								
			"MINE UNIT" OF SCI	HISTS/TUFFS								
			170.00: LOWER CONTAC	T GRADATIONAL AND ARBITRARY								
								L				

2 **OF** 3

O'SULLIVAN LAKE SC-07-04



PROPERTY PAGE # 2 OF 3 LOGGED BY: SIGNATURE ASSAYS FOOTAGE ROCK SAMPLES DESCRIPTION FROM то TYPE FROM то LENGTH Au ppb Au oz/ton Au g/t (ppm) Au ppm No. 199.60 MAFIC TUFFMAFIC TO INTERMEDIATE TUFFS: MEDIUM GREY TO GREENISH GREY: 170.00 "MINE UNIT" TO VERY FINE GRAINED WITH OCCASIONAL MEDIUM GRAINED OVER NARROW WIDTHS (< 1 METRE) - POSSIBLY PORPHYRY OR AMYGDALOIDAL; PROOMINANTLY FINELY LAMINATED/FOLIATED AT 40 DEGREES TO C.A.: COMMON QUARTZ-CARB VEINS AND VEINLETS OF VARIABLE WIDTHS, PREDOMINANTLY PARALLEL TO SUB-PARALLEL TO LAMINATIONS/FOLIATION: OCCASIONAL SECTIONS OF BRECCIATED QUARTZ-CARB UP TO ~1 METRE IN LENGTH AND GENERALLY WITH VARYING DEGREES OF SULPHIDES: TRACE SULPHIDES OVERALL AS PYRRHOTITE, ARSENOPYRITE, PYRITE AND CHALCOPYRITE; UP TO 3-5% SULPHIDES OVER WIDTHS UP TO ~0.5 METRE: SECTIONS WITH THIN BROWN-BUFF BANDS (Fe CARB?). 172.00-176.40: PALER GREY, THINLY LAMINATED TUFF (SERICITIC?) OCCASIONAL BRECCIATED QUARTZ-CARBONATE VEINS 0.002 179.45-180.67: SECTION WITH BRECCIATED QUARTZ-CARB, THINLY 441501 178.40 179.40 1.00 59 0.059 BANDED BROWN-BUFF CARB: 1-2% PO, ASPY, CPY AND PY 1133 0.033 441502 180.40 1.00 1.133 (LOCALLY UP TO 3-5%). 441503 181.00 0.60 106 0.003 0.106 14611 441504 182.00 1.00 0.426 14.611 183.65-183.85: QUARTZ VEIN @ 40 DEGREES TO C.A., WITH NUMEROUS 441505 183.50 1.50 3111 0.091 3.111 CHLORITE PARTINGS AND TRACE FRACTURE-CONTROLLED 441506 184.00 0.50 547 0.016 0.547 35 0.001 0.035 441507 185.50 1.50 8 188.16-188.72: BRECCIATED QUARTZ-CARBONATE (STRONG) < 0.001 0.008 441508 187.00 1.50 188.00 1.00 34 < 0.001 0.034 441509 189.56-190.37: ZONE WITH SCATTERED BRECCIATED QUARTZ-CARB WIT 441510 110 189.00 1.00 0.003 0.110 723 STRINGERS AND BANDS OF PO, ASPY, CPY AND PY 441511 190,50 1.50 0.021 0.723 728 441512 192.00 1.50 0.021 0.728 191.33-191.79: BRECCIATED QUARTZ-CARB WITH COMMON TUFF/ 441513 193.50 1.50 44 0.001 0.044 195.00 1.50 44 0.001 0.044 CHLORITE BANDS UP TO 1 CM AND TRACE TO 1% SULPHIDES 441514 199.60: LOWER CONTACT SHARP AND REGULAR @ 50 DEGREES TO C.A DEFINED BY INTRODUCTION OF QUARTZ EYES

3 **OF** 3 CLARK EXPL CONSULTING ING.

PAGE # 3 OF 3

LOGGED BY: SIGNATURE SAMPLES ASSAYS FOOTAGE ROCK DESCRIPTION FROM то TYPE FROM то LENGTH Au ppb Au oz/ton Au g/t (ppm) No. Au ppm 199.60 217.70 QUARTZ MEDIUM TO DARK GREY; FINE GRAINED TO VERY FINE GRAINED EYE TUFF WITH UP TO 20-25% QUARTZ EYES VARYING FROM 2-3 MM UP TO ~8 QUARTZ EYES OCCUR AS CLEAR, MILKY WHITE TRANSLUCENT, AND BLUISH GREY ANHEDRAL GRAINS; MODERATE FOLIATION @ 50 TO C.A., OFTEN DEFINED BY SERICITE SEAMS AND QUARTZ-VEINLETS: COMMON WEAK TO MODERATE CARBONATE ALTERATION : TRACE SULPHIDES 210.10-217.03: MAFIC TUFF: NO QUARTZ EYES 217.70: LOWER CONTACT SHARP AND REGULAR @ 50 DEGREES TO DEFINED BY FINAL APPEARANCE OF QUARTZ EYES. 217.70 245.00 MAFIC TUFF MEDIUM GREY; FINE GRAINED TO VERY FINE GRAINED; MODERATE TO STRONG FOLIATION @ 50 DEGREES TO C.A.; WEAK TO MODERATE PERVASIVE CARBONATE ALTEATION; COMMON THIN (2-3 MM) QUARTZ-CARBONATE VEINLETS BOTH CONCORDANT AND DISCORDANT TO FOLIATION: OCCASIONAL LIGHT GREY, CHERTY SECTION UP TO 2-3 231.76-232.01: MASSIVE QUARTZ VEIN, BARREN 245.00 END OF HOLE

PROPERTY



PROPERT	TY:	O'SULLIVAN	LOCATION:	CLAIM NUMBER	k	DOWNHOL	E SURVEY:			DRILLING	COMPANY:		
HOLE NO	.:	SC-07-05	LENGTH: 275 M	CORE SIZE:	NQ	DEPTH	DIP	AZIMUTH	DIP	BOART-	LONGYE	AR	
PROJECT	NUMBER:		NORTHING: 0+65 N	EASTING:	2+50 E	50	-59.4	346.7		DATE LOG	GED: NOV	/ 21	
ELEVATIO	ON:		UTM northing: 5587744	UTM easting:	493861	101	-58.8	347.2		LOGGED:	D.CULLE	EN	
COLLAR	ORIENTATI	ON (AZIMUTH / D	IP); PLANNED: 339	SURVEYED:		152	-58.1	347.9		1			
EXPLORA	TION CO.,	OWNER OR OPT	IONEE: SUPERIOR CANAD	IAN RESOUR	CES INC.	200	-57.8	348.2		SIGNATUR	E:		
HOLE ST	ARTED: N	OV 19	HOLE FINISHED: NOV 21	DECLINATION:	-60	251	-57.0	349.5		SHEET	1	OF 2	
FOO	TAGE	ROCK					SAM	PLES			A	SAYS	
FROM	TO	TYPE		DES	CRIPT <u>ION</u>	No.	FROM	TO	LENGTH	Au ppb	Au oz/ton	Au g/t (ppm)	Ац ррт
0.40	232.27	MAIC	MEDIUM GREY TO GREY	<u>/-GREEN; FIN</u>	NE GRAINED TO VERY FINE GRAINED TO		_						
		VOLCANIC	LOCALLY MEDIUM GRAI	NED; MASSIN	/E AND PILLOWED FLOWS, LOCALLY								
			WEAKLY TO MODERATE	LY FOLIATE	D @ 30-40 DEGREES TO C.A.; PILLOWED								
			SECTIONS EXHIBIT WEL	. DEVELOPEI	D SELVAGES, OFTEN WITH EPIDOTE								
			ALTERATION AND QUAR	RTZ CARBON	ATE; GENERALLY MINOR/LOCAL QUARTZ								
			CARBONATE VEINING A	ND FRACTUR	RES, PREDOMINANTLY < 5 MM AND AT								
			VARIABLE CORE ANGLE	S; TRACE SL	JLPHIDES, PRIMARILY PYRRHOTITE WITH								
			LESSER CHALCOPYRITE										
	{		232.27: LOWER CONTAC	T SHARP AN	ID REGULAR @ 50 DEGREES TO C.A.								
1													
232.27	275.00	MAFIC TUFF	MAFIC TUFF ("MINE UNI"	Γ"?)									
			UNIT STARTS OFF BLAC	K TO DARK	GREY, THEN CHANGES TO MEDIUM TO								
			GREY; GRAIN SIZE VARI	ES FROM AP	HANITIC IN UPPER, BLACK UNIT, TO FINE								
			VERY FINE GRAINED IN	THE MEDIUN	TO LIGHT GREY TUFFS FURTHER								
			DOWNHOLE: BLACK UP	PER UNIT DIS	SPLAYS BEDDING/BANDING FROM 1-2 MM								
	1		10 CM, AT VARIABLE CO	RE ANGLES	AND OFTEN FOLDED; REST OF UNIT IS								
			MODERATELY TO STRO	NGLY SHEAF	RED/FOLIATED @ 25 DEGREES TO C.A.								
			UPHOLE, TO 35 DEGREE	S TO C.A. D	OWNHOLE: COMMON QUARTZ-CARB								
			VEINLETS OF VARIABLE	WIDTH, PRE	DOMINANTLY < 5 MM AND PARALLEL TO								
			SUB-PARALLEL TO FOLI	ATION: TRAC	E SULPHIDES OVERALL, WITH ONE 10 CM	1							
			BLACK UPPER UNIT EXH	IBITING ~5-7	% STRINGER PO WITH MINOR	441515	232.27	232.90	0.63	<5	<0.001	<0.005	
			CHALCOPYRITE.			441516		233.40	0.50	10	< 0.001	0.01	
						441517		234.90	1.50	<5	< 0.001	< 0.005	
			232.27-238.64: MAFIC. FI	NE ASH TUF	F: DARK GREY TO BLACK: APHANITIC:	441518		236.40	1.50	<5	< 0.001	< 0.005	
			COMMON THIN BAN	IDS/BEDS (2-	4 MM) FOLDED AND AT VARIABLE CORE	441519		236.90	0.50	9	< 0.001	0.009	
			ANGLES.			441520		237.80	0.90	<5	< 0.001	< 0.005	
						441521		238.64	0.84	<5	< 0.001	< 0.005	
			232,95-233,35; FOLDED A		RTED QUARTZ-CARBONATE SEAMS (~50%				0.07	- ···	0.001		
			QZ-CARB IN SEAMS	2-5 MM) WIT	H 2-3% SULPHIDES (PO.PY.CPY)								

2 **OF** 2



			PROPERTY			-		PAGE #	2 OF 2		,
LOGGED	BY:	BOCK	SIGNATURE	1						<u> 2448</u>	
FOOT	TO	TYPE	DESCRIPTION		SAMI	- 123	1 5110 511	Auranh	A3		Au
FRUM	10	ITPE		NłO.	FROM	10	LENGIH	Au ppo	Au oz/ton	Au grt (ppm)	Au ppm
			236.63-236.74: 5-7% STRINGER PYRRHOTITE WITH MINOR								
			MODERATELY BRECCIATED WITH QUARTZ-CARBONATE CAVITY-								
			FILLING								
			260.78-261.13: MASSIVE QUARTZ-CARBONATE VEIN, SOMEWHAT	441522	260.50	261.50	1.50	8	<0.001	0.008	
			IRREGULAR AND PARALLEL TO FOLIATION @ 35 DEGREES TO								L
			COMON CHLORITE PARTINGS; NO VISIBLE SULPHIDES.								<u> </u>
			262 92 264 11: BRECCIATED OLIARTZ CARRONATE VEINI NO VISIPI E	441522	262.50	264 50	1 00	12	<0.001	0.012	
			SUDHIDES	441525	203.50	204.50	1.00	13	NO.001	0.013	<u> </u>
275.00		END OF									
		HOLE									
										·	
											L
										ļ	
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PROPERTY: O'SULLIVAN LOCATION: CLAIM NUMBER: DOWNHOLE SURV		E SURVEY:			DRILLING	COMPANY:						
HOLE NO.	.: SC-07-	06	LENGTH: 209 M	CORE SIZE: BTW	DEPTH	DIP	AZIMUTH	DIP	LEVERT	-		
PROJECT	NUMBER:		NORTHING: 0+75	EASTING: 1+40 E	50	-39.7	344.8		DATE LOG	GED: NOV	23	
ELEVATIO	DN:		UTM northing: 5587706	UTM easting: 493762	101	-39.5	346.4		LOGGED:	D.CULLE	EN	
COLLAR	ORIENTATI	ON (AZIMUTH / D	HP); PLANNED: 339 DEGREES	<u> </u>	149	-38.2	347.7		1			
EXPLORA	TION CO.,	OWNER OR OPT	INNEE: SUPERIOR CANAD	NAN RESOURCES INC.	200	-36.0	350.1		SIGNATUR	E:		
HOLE ST	ARTED: N	OV 20	HOLE FINISHED: NOV 22	DECLINATION: -45					SHEET	1	OF 2	
FOO	TAGE	ROCK				SAM	PLES	1710, 1873, 1773, 1774, 1880, 1880		AS	SAYS	P.1. 4
FROM	то	TYPE		DESCRIPTION	No.	FROM	TO	LENGTH	Ац ррв	Au oz/ton	Au g/t (ppm)	Au ppm
0.00	23.00	CASING										
23.00	173.00	MAFIC	MASSIVE AND PILLOWE	D FLOWS; MEDIUM GREENISH-GREY TO GREY; FINE								
	ļ	VOLCANIC	GRAINED; PREDOMINAL	NTLY MASSIVE, WITH LOCAL FOLIATION @ 35 TO 45								
			DEGREES TO C.A. (WEA	K TO MODERATE); OCCASIONAL QUARTZ-CARBONATE	E							
			VEINS/VEINLETS GENEI	RALLY 2-5 MM, AT VARIABLE CORE ANGLES, ~2-3 PER								
			UNIT BECOMES PILLOW	ED FLOW WITH COMMON SELVAGES EXHIBITING								
			BRECCIATION, EPIDOTE	ALTERATION AND QUARTZ-CARBONATE								
			SELVAGES ALSO LOCA	LLY CONTAIN TRACE PYRRHOTITE, CHALCOPYRITE								
			PYRITE.									
)		173.00: LOWER CONTAC	CT IS GRADATIONAL AND ARBITRARY; DEFINED BY								
			INCREASE IN FOLIA	TION/SHEARING/BANDING.								
173.00	179.11	MAFIC TUFF	MEDIUM GREY: FINE TO	VERY FINE GRAINED: MODERATELY TO STRONGLY								
			FOLIATED/BANDED @ 4	5 DEGREES TO CORE AXIS: MODERATE CARBONATE								
1			ALTERATION AND COM	MON QUARTZ-CARBONATE VEINLETS/VEINS PARALLEI								
			TO FOLIATION/BEDDING	- PREDOMINANTLY 2-4 MM WIDE: TRACE SULPHIDES				1				
			OVERALL									
			178,95-179,11: GREY, BF	RECCIATED QUARTZ VEIN: TRACE TO 1% STRINGER	441053	177.50	179.11	1.11	735	0.021	0.735	
			SULPHIDES									
179.11	204.80	QUARTZ	MEDIUM TO LIGHT GRE	Y: FINE TO VERY FINE GRAINED MATRIX WITH UP TO	441054	179.11	180.00	0.89	345	0.010	0.345	
		EYE TUFF	10-15% SUB-ROUNDED.	ANHEDRAL QUARTZ EYES ~2-5 MM IN SIZE: WEAKLY	441055		181.00	1.00	179	0.005	0.179	
	1		SERICITIC WITH SERICI	TE SEAMS GIVING UNIT A FOLIATION OF 50-60	441056		182.00	1.00	41	0.001	0.041	
			TO C.A.: COMMON WEA	K TO MODERATE CARBONATE ALTERATION AND	441057		183.00	1.00	63	0.002	0.063	,
			COMMON QUARTZ-CAR	BONATE VEINS/VEINLETS, PREDOMINANTLY	441058		184.00	1.00	72	0.002	0.072	
			TO SUB-PARALLEL TO F	OLIATION: FINE GRAINED SULPHIDE STRINGERS	441059		185.00	1.00	13	< 0.001	0.013	
			THROUGHOUT UNIT. GE	NERALLY 1-5 MM WIDE AND PARALLEL TO	441060		186.00	1.00	692	0.02	0.692	

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			PROPERTY				PA	GE # 2 O	F 2		
LOGGED	BY:		SIGNATURE		_	•					
FOO	TAGE	ROCK			SAME	PLES			AS	SAYS	
FROM	то	TYPE	DESCRIPTION	No.	FROM	то	LENGTH	Au ppb	Au oz/ton	Au g/t (ppm)	Au ppm
179.11	204.80	QUARTZ	CONTINUED	441061	186.00	187.00	1.00	8 6	0.003	0.086	
		EYE TUFF		441062		188.00	1.00	12	<0.001	0.012	
			SUB-PARALLEL TO FOLIATION - TRACE TO 1% OVERALL	441063		189.00	1.00	10	<0.001	0.01	
				441064		190.00	1.00	8	<0.001	0.008	
			198.40-198.50: FAULT ZONE; 2 CM QUARTZ VEIN AND 1-2 CM OF FAULT	441065		191.00	1.00	8	<0.001	0.008	
			GOUGE AND HIGHLY BROKEN/SOFT CORE	441066		192.00	1.00	<5	<0.001	<0.005	
				441067		193.00	1.00	9	<0.001	0.009	
204.80	209.00	MAFIC TUFF	AS FROM 173.00-179.11	441068		194.00	1.00	<5	<0.001	< 0.005	
				441069		195.00	1.00	<5	<0.001	<0.005	
209.00		END OF		441070		196.00	1.00	<5	<0.001	<0.005	
		HOLE		441071		197.00	1.00	123	0.004	0.123	
				441072		198.00	1.00	177	0.005	0.177	
				441073		199.00	1.00	32	<0.001	0.032	
				441074		200.00	1.00	30	<0.001	0.03	
				441075		201.00	1.00	<5	<0.001	<0.005	
				441076		202.00	1.00	<5	<0.001	< 0.005	
				441077		203.00	1.00	16	< 0.001	0.016	
				441078		204.00	1.00	9	< 0.001	0.009	
				441079		204.80	0.80	197	0.006	0.197	
						1					



PROPERTY: O'SULLIVAN LOCATION: CLAIM NUMBER: DOWNHOLE SURVEY:				DRILLING (COMPANY:								
HOLE NO	.: SC-07-	07	LENGTH: 164	CORE SIZE:	NQ	DEPTH	DIP	AZIMUTH	DIP	BOART-	LONGYE	AR	
PROJECT	NUMBER:		NORTHING: 0+95 N	EASTING: 2+50	E	50	-44.7	347.9		DATE LOG	GED: NOV	23, 24	
ELEVATIO	DN:		UTM northing: 5587767	UTN easting: 493	3852	101	-43.1	345.9		LOGGED:	D.CULLE	N	
COLLAR	ORIENTATI	ON (AZIMUTH / D	P): PLANNED: 339	SURVEYED:		149	-39.0	346.6					
EXPLORA	TION CO	OWNER OR OPT	INNEE: SUPERIOR CANAD	AN RESOURC	CES INC.					SIGNATUR	E:		
HOLE ST	ARTED: N	OV 22	HOLE FINISHED: NOV 23	DECLINATION: -4	45					SHEET	1	OF 2	
FOO	TAGE	ROCK		er a contra c			SAM	PLES			AS	SAYS	
FROM	то	TYPE		DESC	RIPTION	No.	FROM	то	LENGTH	Au pob	Au oz/ton	Au g/t (ppm)	Au ppm
0.00	1.00	CASING											
1.00	123.07	MAFIC	MEDIUM GREEN-GREY;	FINE GRAINE	TO VERY FINE GRAINED TO LOCALLY								
		VOLCANIC	MEDIUM GRAINED; MAS	SIVE AND PILL	LOWED FLOWS, LOCALLY WEAKLY TO								
			MODERATELY FOLIATED	D @ 30 DEGRE	ES TO C.A.; PILLOWED SECTIONS								
			WELL DEVELOPED SELV	AGES, OFTER	N WITH EPIDOTE ALTERATION +/-								
			CARBONATE AND PYRR	HOTITE AND	CHALCOPYRITE MINERALIZATION;								
			QUARTZ-CARB VEINS/VI	EINLETS/FRAC	CTURES - PROOMINANTLY < 5 MM AND AT								
			VARIABLE CORE ANGLE	S; TRACE SUI	PHIDES (PO > CPY) USUALLY								
			ASSOCIATED WITH QZ-0	CARB VEINS; E	BECOMING MODERATELY FOLIATED								
			LOWER CONTACT.										
1													
			123.07: LOWER CONTAC	T GRADATION	NAL AND ARBITRARY.								
123.07	151.75	MAFIC TUFF	MEDIUM GREY TO GREE	EN-GREY; FINE	TO VERY FINE GRAINED; MODERATELY								
		"MINE UNIT"	STRONGLY FOLIATED/S	HEARED/BED	DED AT 45 DEGREES TO C.A.;								
			SERICITIC OR TOP 2 ME	TRES; GENER	ALLY WEAKLY TO MODERATELY								
1			CARBONATIZED, AND C	OMMO <u>N QUAF</u>	TZ-CARBONATE VEINS AND VEINLETS								
			THROUGHOUT; TRACE	SULPHIDES O	VERAL.								
						441524	124.50	125.50	1.00	10	<0.001	0.01	1
			125.55-129.94: POSSIBLY	"SOUTH HOP	IZON"? ABUNDANT THIN QZ-CARB	441525		126.50	1.00	710	0.021	0.71	
			LOCALLY BRECCIA	TED; GREYISH	WITH LIGHT BROWN SEAMS	441526		127.50	1.00	93	0.003	0.093	1
			THROUGHOUT (Fe	CARB? DOESN	I'T REACT WITH HCL ACID); OCCASIONAL	441527		128.90	1.40	140	0.004	0.14	
			THIN SULPHIDE BAI	NDS 1-2 MM - 1	PREDOMINANTLY PO; TRACE SULPHIDES	441528		130.00	1.10	450	0.013	0.45	
			OVERALL			441529		131.00	1.00	151	0.004	0.151	
			144.50-145.43: POSSIBLY	"NORTH HOP	RIZON"? SIMILAR TO 125.55-129.94 BUT	441530	143.00	144.50	1.50	19	<0.001	0.019	
			MORE SERICITIC A	ND NOT AS MU	JCH QZ-CARB VEINLETS AND SEAMS;	441531		145.43	0.93	30	< 0.001	0.03	
			OCCASIONAL STRI	NGER AND DIS	SEMINATED PO, PY; CONTACTS SHARP	441532		146.20	0.77	52	0.002	0.052	
			AND REGULAR AT 4	5 DEGREES T	O C.A.	441533		147.70	1.50	28	< 0.001	0.028	

2 **OF** 2



			PROPERTY					PAGE #	2 OF 2_		
LOGGED BY:											
FOO	TAGE	ROCK			SAMF	PLES			<u>AS</u>	SAYS	
FROM	то	TYPE	DESCRIPTION	No.	FROM	то	LENGTH	Au ppb	Au oz/ton	Au g/t (ppm)	Au ppm
123.07	151.75	MAFIC TUFF									
		"MINE UNIT"									
			145.43-146.10: QUARTZ EYE TUFF: MEDIUM TO DARK GREY: SILICEOUS:	441534	147.70	149.20	1.50	29	0.001	0.029	
			APHANITIC TO MEDIUM GRAINED, WITH 10-15% SUB-ANGULAR TO	441535		150.70	1.50	10	< 0.001	0.01	
		l	SUB-ROUNDED QUARTZ EYES 2-4 MM; OCCASIONAL SERICITE	441536		151.75	1.05	23	< 0.001	0.023	
]		SEAMS: LOWER CONTACT SHARP AND REGULAR AT 45 DEGREES	441537		152.50	0.75	8	<0.001	0.008	
			TO C.A.	441538		154.00	1.50	16	<0.001	0.016	
				441539		155.00	1.00	37	0.001	0.037	
			151.75: LOWER CONTACT OF MAFIC TUFF SHARP AND REGULAR AT 45	441540		156.05	1.05	47	0.001	0.047	
	1		DEGREES TO C.A.								
151.75	156.05	QUARTZ	MEDIUM GREY; SILICEOUS; APHANITIC TO MEDIUM GRAINED WITH 5-								
	ļ	EYE TUFF	SUB-ANGULAR TO SUB-ROUNDED QUARTZ EYES, GENERALLY 2-4 MM,								
			BUT OCCASIONALLY UP TO 1 CM; MODERATE TO STRONG FOLIATION								
			DEFINED BY ABUNDANT SERICITE SEAMS; RARE QUARTZ-CARBONATE								
		1	ALTERATION/VEINING; TOP 15-20 METRES AT UPPER CONTACT EXHIBIT								
	1		SOME ALTERATION/QUARTZ VEINING; TRACE SULPHIDES.								
156.05	164.00	MAFIC TUFF	AS FROM 123.07 TO 151.75								
164.00		END OF									
	1	HOLE									
	ł	1									
										———	
										———	
											
											
										 	









Canadian Superior Resources

Appendix II: Assay Certificates

February 2008



Tel: (807) 626-1630 Fax: (807) 622-7571 www.accurassay.com assay@accurassay.com

Certificate of Analysis

Tuesday, February 12, 2008

Superior Canadian Res. Inc. 207-1039 17th Ave SW Calgary, AB, CAN T2T0B1 Ph#: (403) 232-8555 Fax#: (403) 262-1169 Email#: davesim@superiorcanadian.com, daves@superiorcanadian.com Date Received: Nov 22, 2007 Date Completed: Nov 25, 2007

> Job #: 200744325 Reference:

Sample #: 63 Core

Acc#	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
301188	441001	8	<0.001	0.008
301189	441002	11	<0.001	0.011
301190	441003	9	<0.001	0.009
301191	441004	7	<0.001	0.007
301192	441005	12	<0.001	0.012
301193	441006	15	<0.001	0.015
301194	441007	5	< 0.001	0.005
301195	441008	8	<0.001	0.008
301196	441009	12	<0.001	0.012
301197	441010	9	<0.001	0.009
301198 Dup	441010	10	<0.001	0.010
301199	441011	13	<0.001	0.013
301200	441012	36	0.001	0.036
301201	441013	758	0.022	0.758
301202	441014	140	0.004	0.140
301203	441015	41	0.001	0.041
301204	441016	18	< 0.001	0.018
301205	441017	16	<0.001	0.016
301206	441018	5	<0.001	0.005
301207	441019	24	< 0.001	0.024
301208	441020	<5	<0.001	<0.005
301209 Dup	441020	7	<0.001	0.007
301210	441021	15	<0.001	0.015
301211	441022	3372	0.098	3.372

PROCEDURE CODES: AL4AU3

By: r

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> Job #: 200744325 Reference:

Sample #: 63 Core

Acc #	Client ID	Au daa	Au oz/t	Au a/t (pma)
301212	441023	14	<0.001	0.014
301213	441024	10	<0.001	0.010
301214	441025	17	<0.001	0.017
301215	441026	14	<0.001	0.014
301216	441027	14	<0.001	0.014
301217	441028	<5	<0.001	<0.005
301218	441029	10	<0.001	0.010
301219	441030	<5	<0.001	<0.005
301220	441031	7	<0.001	0.007
301221 Dup	441031	17	<0.001	0.017
301222	441032	9	<0.001	0.009
301223	441033	15	<0.001	0.015
301224	441034	11	<0.001	0.011
301225	441035	62	0.002	0.062
301226	441036	<5	<0.001	<0.005
301227	441037	12	<0.001	0.012
301228	441038	<5	<0.001	<0.005
301229	441039	22	<0.001	0.022
301230	441040	18	<0.001	0.018
301231	441041	46	0.001	0.046
301232 Dup	441041	30	<0.001	0.030
301233	441042	15	<0.001	0.015
301234	441043	34	<0.001	0.034
301235	441044	132	0.004	0.132

ROCEDURE CODES: AL4AU3

By: r

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> Job #: 200744325 Reference:

Sample #: 63 Core

		٨	Δι	Δ
Acc #	Client ID	daa	oz/t	a/t (maa)
301236	441045	9581	0.280	9.581
301237	441046	6082	0.177	6.082
301238	441047	3776	0.110	3.776
301239	441048	48	0.001	0.048
301240	441049	19	<0.001	0.019
301241	441501	59	0.002	0.059
301242	441502	1133	0.033	1.133
301243	441503	106	0.003	0.106
301244	441504	14611	0.426	14.611
301245	441505	3111	0.091	3.111
301246	441506	547	0.016	0.547
301247	441507	35	0.001	0.035
301248	441508	8	<0.001	0.008
301249	441509	34	<0.001	0.034
301250	441510	97	0.003	0.097
301251 R	ep 441510	124	0.004	0.124
301252	441511	723	0.021	0.723
301253	441512	728	0.021	0.728
301254	441513	44	0.001	0.044
301255	441514	44	0.001	0.044

PROCEDURE CODES: AL4AU3

By: 4

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> Job #: 200744362 Reference:

Sample #: 28 Core

Au g/t (ppm)	Au oz/t	Au dqq	Client ID	Acc #
0.018	<0.001	18	441050	303111
0.224	0.007	224	441051	303112
0.043	0.001	43	441052	303113
0.735	0.021	735	441053	303114
0.345	0.010	345	441054	303115
0.179	0.005	179	441055	303116
0.041	0.001	41	441056	303117
0.063	0.002	63	441057	303118
0.072	0.002	72	441058	303119
0.013	<0.001	13	441059	303120
0.692	0.020	692	441060	303121
0.050	0.001	50	441061	303122
0.122	0.004	122	441061	303123 Dup
0.012	<0.001	12	441062	303124
0.010	<0.001	10	441063	303125
0.008	<0.001	8	441064	303126
0.008	<0.001	8	441065	303127
<0.005	<0.001	<5	441066	303128
0.009	<0.001	9	441067	303129
<0.005	<0.001	<5	441068	303130
<0.005	<0.001	<5	441069	303131
<0.005	<0.001	<5	441070	303132
0.121	0.004	121	441071	303133
0.125	0.004	125	441071	303134 Dup

PROCEDURE CODES: AL4AU3

By: r

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> Job #: 200744362 Reference:

Sample #: 28 Core

Δcc #	Client ID	Au	Au	Au
	Glient ID	ppb	oz/t	g/t (ppm)
303135	441072	177	0.005	0.177
303136	441073	32	<0.001	0.032
303137	441074	30	<0.001	0.030
303138	441075	<5	<0.001	<0.005
303139	441076	<5	<0.001	<0.005
303140	441077	16	<0.001	0.016

PROCEDURE CODES: AL4AU3

By: r

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> Job #: 200744363 Reference:

Sample #: 21 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
303141	441515	<5	<0.001	<0.005
303142	441516	10	<0.001	0.010
303143	441517	<5	<0.001	<0.005
303144	441518	<5	<0.001	<0.005
303145	441519	9	<0.001	0.009
303146	441520	<5	<0.001	<0.005
303147	441521	<5	<0.001	<0.005
303148	441522	8	<0.001	0.008
303149	441523	13	<0.001	0.013
303150	441524	11	<0.001	0.011
303151 Dup	441524	10	<0.001	0.010
303152	441525	710	0.021	0.710
303153	441526	93	0.003	0.093
303154	441527	140	0.004	0.140
303155	441528	450	0.013	0.450
303156	441529	151	0.004	0.151
303157	441530	19	<0.001	0.019
303158	441531	30	<0.001	0.030
303159	441532	52	0.002	0.052
303160	441533	28	<0.001	0.028
303161	441534	38	0.001	0.038
303162 Dup	441534	19	<0.001	0.019
303163	441535	10	<0.001	0.010

PROCEDURE CODES: AL4AU3

By:

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> Job #: 200744430 Reference:

Sample #: 49 Core

Acc #	Client ID	Au	Au oz/t	Au a/t (pma)
307967	441536	23	<0.001	0.023
307968	441537	8	< 0.001	0.008
307969	441538	16	< 0.001	0.016
307970	441539	37	0.001	0.037
307971	441540	47	0.001	0.047
307972	441541	25	<0.001	0.025
307973	441542	483	0.014	0.483
307974	441543	23	<0.001	0.023
307975	441544	12	<0.001	0.012
307976	441545	16	<0.001	0.016
307977 Dup	441545	13	<0.001	0.013
307978	441546	5	<0.001	0.005
307979	441547	19	<0.001	0.019
307980	441548	14	<0.001	0.014
307981	441549	10	<0.001	0.010
307982	441550	7	<0.001	0.007
307983	441551	25	<0.001	0.025
307984	441552	21	<0.001	0.021
307985	441553	11	<0.001	0.011
307986	441554	15	<0.001	0.015
307987	441555	172	0.005	0.172
307988 Dup	441555	230	0.007	0.230
307989	441556	3044	0.089	3.044
307990	441557	1643	0.048	1.643

PROCEDURE CODES: AL4AU3

By: r

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> Job #: 200744434 Reference:

Sample #: 35 Core

Acc #	Client ID	Au dad	Au oz/t	Au (maq) t
308395	441078	9	< 0.001	0.009
308396	441079	197	0.006	0.197
308397	441080	26	< 0.001	0.026
308398	441081	177	0.005	0.177
308399	441082	47	0.001	0.047
308400	441083	35	0.001	0.035
308401	441084	15	<0.001	0.015
308402	441085	184	0.005	0.184
308403	441086	71	0.002	0.071
308404	441087	21	<0.001	0.021
308405 Dup	441087	17	<0.001	0.017
308406	441088	9	<0.001	0.009
308407	441089	17	<0.001	0.017
308408	441090	19	<0.001	0.019
308409	441091	23	<0.001	0.023
308410	441092	35	0.001	0.035
308411	441093	13	<0.001	0.013
308412	441094	2086	0.061	2.086
308413	441095	287	0.008	0.287
308414	441096	122	0.004	0.122
308415	441097	28	<0.001	0.028
308416 Dup	441097	23	<0.001	0.023
308417	441098	62	0.002	0.062
308418	441099	45	0.001	0.045

PROCEDURE CODES: AL4AU3

By:

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Date Received: Dec 5, 2007 Date Completed: Dec 20, 2007

> Job #: 200744434 Reference:

Sample #: 35 Core

Au g/t (ppm)	Au oz/t	Au ppb	Client ID	Acc #
0.057	0.002	57	441100	308419
0.054	0.002	54	441101	308420
0.055	0.002	55	441102	308421
0.063	0.002	63	441103	308422
0.049	0.001	49	441104	308423
0.019	<0.001	19	441105	308424
0.064	0.002	64	441106	308425
0.206	0.006	206	441107	308426
0.213	0.006	213	441107	308427 Dup
0.123	0.004	123	441108	308428
0.053	0.002	53	441109	308429
0.149	0.004	149	441110	308430
0.444	0.013	444	441111	308431
0.295	0.009	295	441112	308432
		-	-	

PROCEDURE CODES: AL4AU3

By: r

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